



RIVERMONT PRECINCT 2 - RIVERMONT BOULEVARD

COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL



Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026

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PLAN
SCALE 1:2000

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' B.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 STAIRPICKET AND 2 STRAND WIRE FENCE TO THE PERIMETER OF VEGETATION TO BE RETAINED.

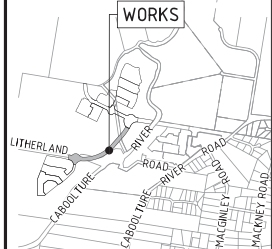
ROOFWATER

- UP.V.C. SEWER PIPES TO BE USED SHALL BE --
(a) PIPES - CLASS SM (TO AS 1260)
(b) FITTINGS - CLASS M (TO AS 1260)
- THE MINIMUM COVER TO ALL ROOFWATER DRAINAGE LINES SHALL BE 300mm FOR FRC AND 450mm FOR UP.V.C. 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 LAID 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 UP.V.C.
- 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



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client



Project

RIVERMONT
RIVERMONT BOULEVARD
ROAD



L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.knigroup.com.au | 07 3017 1900

Approved Director - IPWEAQ 17544
Mark Shaw RPEQC 17544
Digitally signed by Mark Shaw RPEQC 17544
Date: 2026.03.29 20:15:55+10'00'

Drawing title

GENERAL
LOCALITY PLAN,
DRAWING INDEX AND NOTES

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC' 25
Scale	Sheet	Revision	
AS SHOWN	1 of 50		
Drawing No	Revision		
A1	24-282-100		A

SCALE
20 10 0 20 40 60 80 100 120 140 160 180 200m
1 : 2000 (A1 UNREDUCED)

COMPLIANCE APPROVAL
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Approval no: DEV-2026-WAR-488

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LEGEND

- STAGE BOUNDARY
- PROPOSED ROAD CENTRELINE
- M3 MOUNTABLE KERB AND CHANNEL
- B1 BARRIER KERB AND CHANNEL (300)
- B2 BARRIER KERB ONLY
- SEMI-MOUNTABLE KERB ONLY (TYPE SM3)
- SEMI-MOUNTABLE KERB (TYPE SM5)
- PROPOSED STORMWATER DRAINAGE
- PROPOSED STORMWATER SUBSOIL
- SLEEPER RETAINING WALL
- FUTURE RETAINING WALL
- FINISHED SURFACE CONTOURS
- STORMWATER MANHOLE NUMBER
- STORMWATER GULLY PIT NUMBER
- DRIVEWAY POSITION
- FLUSHING POINT (SIDEDRAIN)
- 100Ø ROOFWATER CONNECTION TO GULLY PIT/MH. MIN 450mm COVER IN LOT
- 100Ø PVC ROOFWATER CONNECTION TO KERB ADAPTOR
- KERB ADAPTOR LOCATION

14C

6708

100Ø

100Ø

100Ø

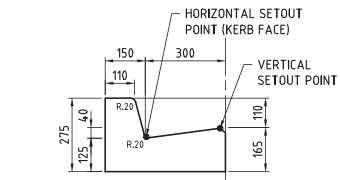
100Ø



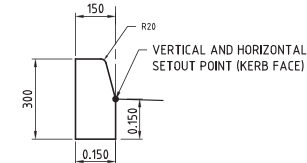
PROPOSED WORKS ARE NEAR EXISTING SERVICES. CONTRACTOR TO COMPLETE DBYD AND LOCATE ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION.
POST SERVICE LOCATION, CONTRACTOR TO SUPPLY SURVEY INFORMATION TO SUPERINTENDENT'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.

LAYOUT PLAN
SCALE 1:500

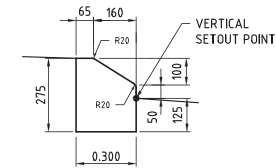
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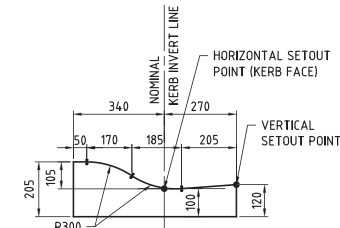
KERB SETOUT DETAIL
BARRIER KERB AND CHANNEL TYPE B1
SCALE 1:10



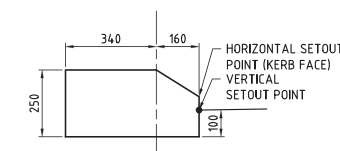
KERB SETOUT DETAIL -
BARRIER KERB ONLY TYPE B2
SCALE 1:10



KERB SETOUT DETAIL - SEMI MOUNTABLE
KERB ONLY-TYPE SM3
SCALE 1:10



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



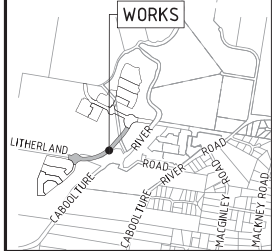
KERB SETOUT DETAIL
SEMI - MOUNTABLE KERB (TYPE SM5)
SCALE 1:10



DO NOT SCALE THIS DRAWING
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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP



RIVERMONT
RIVERMONT BOULEVARD ROAD

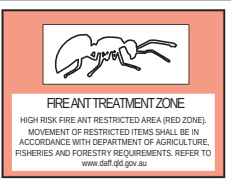


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Approved Director - RPEQ 17544
Mark Shaw RPEQ 17544
Date: 2026.03.29
29.15.57 +10:00

Drawing title
GENERAL LAYOUT PLAN

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC' 25
Scale	Sheet	Revision	
AS SHOWN	4 of 50		
A1	24-282-103	A	



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.

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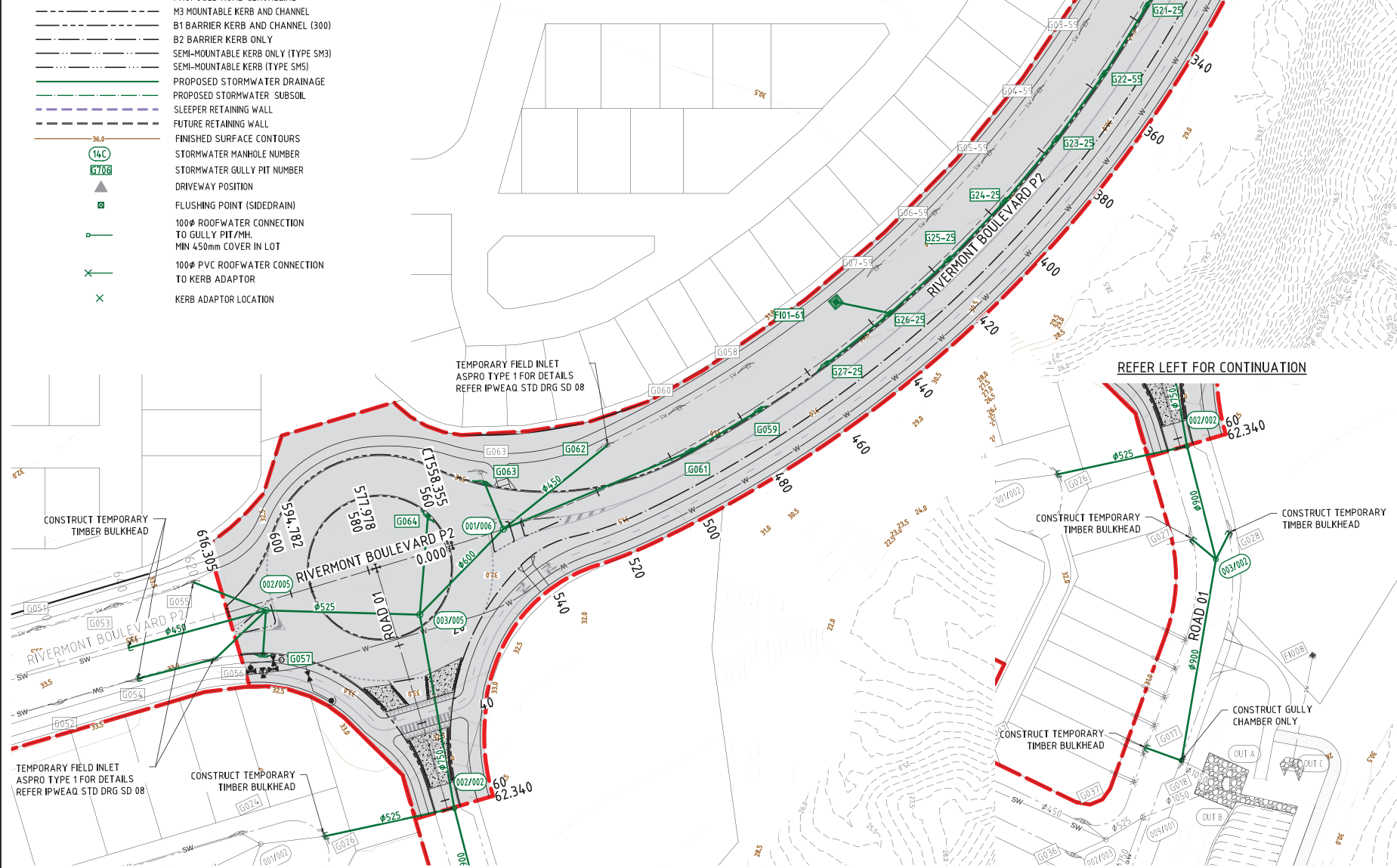
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LEGEND

- STAGE BOUNDARY
- PROPOSED ROAD CENTRELINE
- M3 MOUNTABLE KERB AND CHANNEL
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- STORMWATER MANHOLE NUMBER
- STORMWATER GULLY PIT NUMBER
- DRIVEWAY POSITION
- FLUSHING POINT (SIDEDRAIN)
- 100Ø ROOFWATER CONNECTION TO GULLY PIT/MMH. MIN 450mm COVER IN LOT
- 100Ø PVC ROOFWATER CONNECTION TO KERB ADAPTOR
- KERB ADAPTOR LOCATION



REFER BOTTOM RIGHT FOR CONTINUATION

LAYOUT PLAN
SCALE 1:500

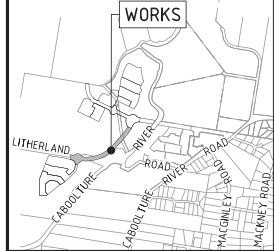
REFER KNg DWG 24-282-103

REFER LEFT FOR CONTINUATION

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LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP



Project

RIVERMONT
RIVERMONT BOULEVARD ROAD



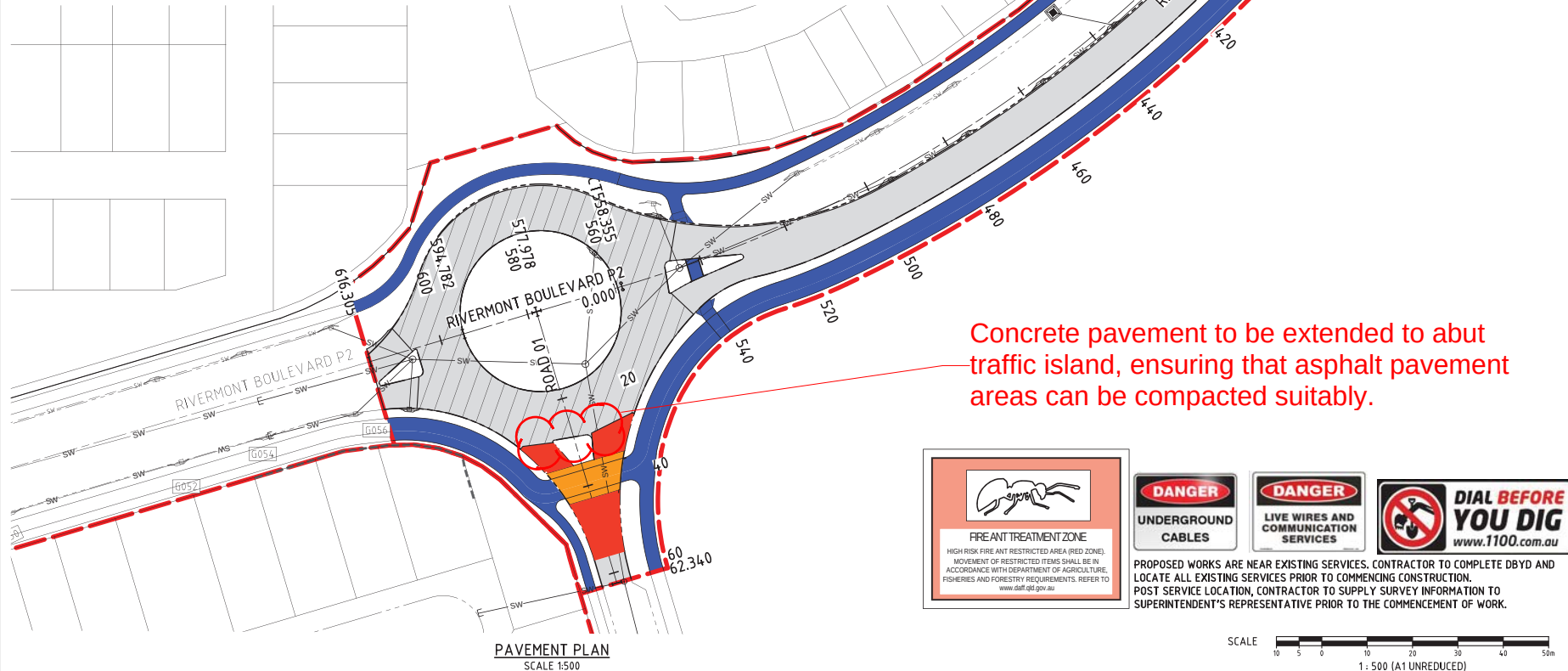
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Approved Director - IPISQ 17544
Digitally signed by Mark Shaw RPEQ 17544
Date: 2026.03.29 20:15:58+10'00'

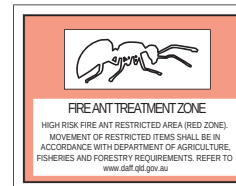
Drawing title
GENERAL
LAYOUT PLAN

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC' 25
Scale	Sheet	Revision	
AS SHOWN	5 of 50		
A1	24-282-104	A	

	CONCRETE ROUNDABOUT THRESHOLD TREATMENTS WITH COBBLES - <u>COLOUR</u> : CCS LIZARD SKIN, <u>FINISH</u> : LIGHT EXPOSURE SANDBLAST <u>AGGREGATE</u> : HY-TEC JAFFA 90 REFER DETAILS ON DRAWING 24-283-29
	RAISED CROSSING ASPHALT - REFER DETAIL ON DRAWING 24282-120
	CONCRETE FOOTPATH - <u>COLOUR</u> : CCS LIZARD SKIN - <u>FINISH</u> : BROOM
	ROADWAY- ASPHALT - REFER PAVEMENT DETAIL ON RELEVANT ROAD LONGITUDINAL SECTION
	ROUNDABOUT- ASPHALT - ADDITIONAL PAVEMENT DEPTH - REFER PAVEMENT DETAIL ON LONGITUDINAL SECTION



Concrete pavement to be extended to abut
—traffic island, ensuring that asphalt pavement
areas can be compacted suitably.



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POST SERVICE LOCATION, CONTRACTOR TO SUPPLY SURVEY INFORMATION TO SUPERINTENDENT'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.

SCALE 
1: 500 (A1 UNREDUCED)

WORKS

[illegible]

Stockland

RIVERMONT
RIVERMONT BOULEVARD
ROAD



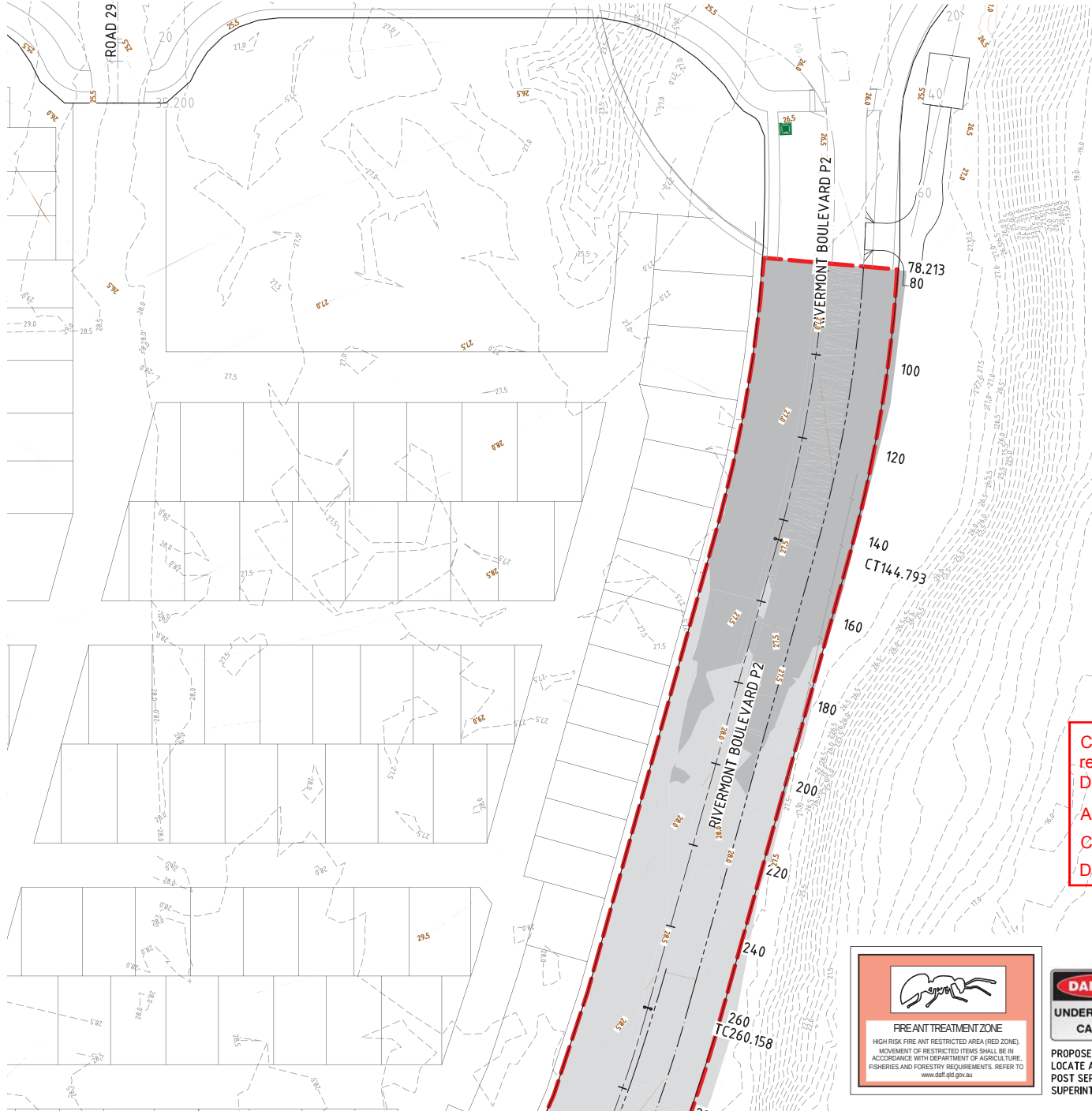
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Approved Director - RPEQ 17544
M. Shaw
 Digitally signed by
 Mark Shaw RPEQ
 17544
 Date: 2026.03.29
 20:15:59+10'00'

Drawing Title

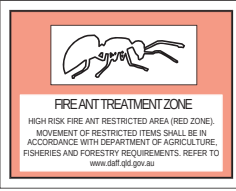
GENERAL
PAVEMENT PLAN

Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 7 of 50
A1	Drawing No 24-282-106		Revision A



- LEGEND**
- STAGE BOUNDARY
 - PROPOSED ROAD CENTRELINE
 - B1 BARRIER KERB AND CHANNEL (300)
 - B2 BARRIER KERB ONLY
 - SEMI-MOUNTABLE KERB ONLY (TYPE SM3)
 - SEMI-MOUNTABLE KERB (TYPE SM5)
 - SLEEPER RETAINING WALL
 - FUTURE RETAINING WALL
 - ACOUSTIC FENCE BY OTHERS
 - FINISHED SURFACE CONTOURS
 - NATURAL SURFACE CONTOURS
 - EXTENT OF CUT
 - EXTENT OF FILL

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DO NOT SCALE THIS DRAWING
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LOCALITY PLAN

WORKS

LITHERLAND RIVER
CAROOL TURE RIVER
CAROOL TURE RIVER
DOUG
MACGOWAN
MACGOWAN

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client

Stockland

Project

RIVERMONT
RIVERMONT BOULEVARD ROAD

Approved Director - RP/10 17544
Digitally signed by Mark Shaw RP/10 17544
Date: 2026.03.29 20:15:59+10'00'

Drawing title

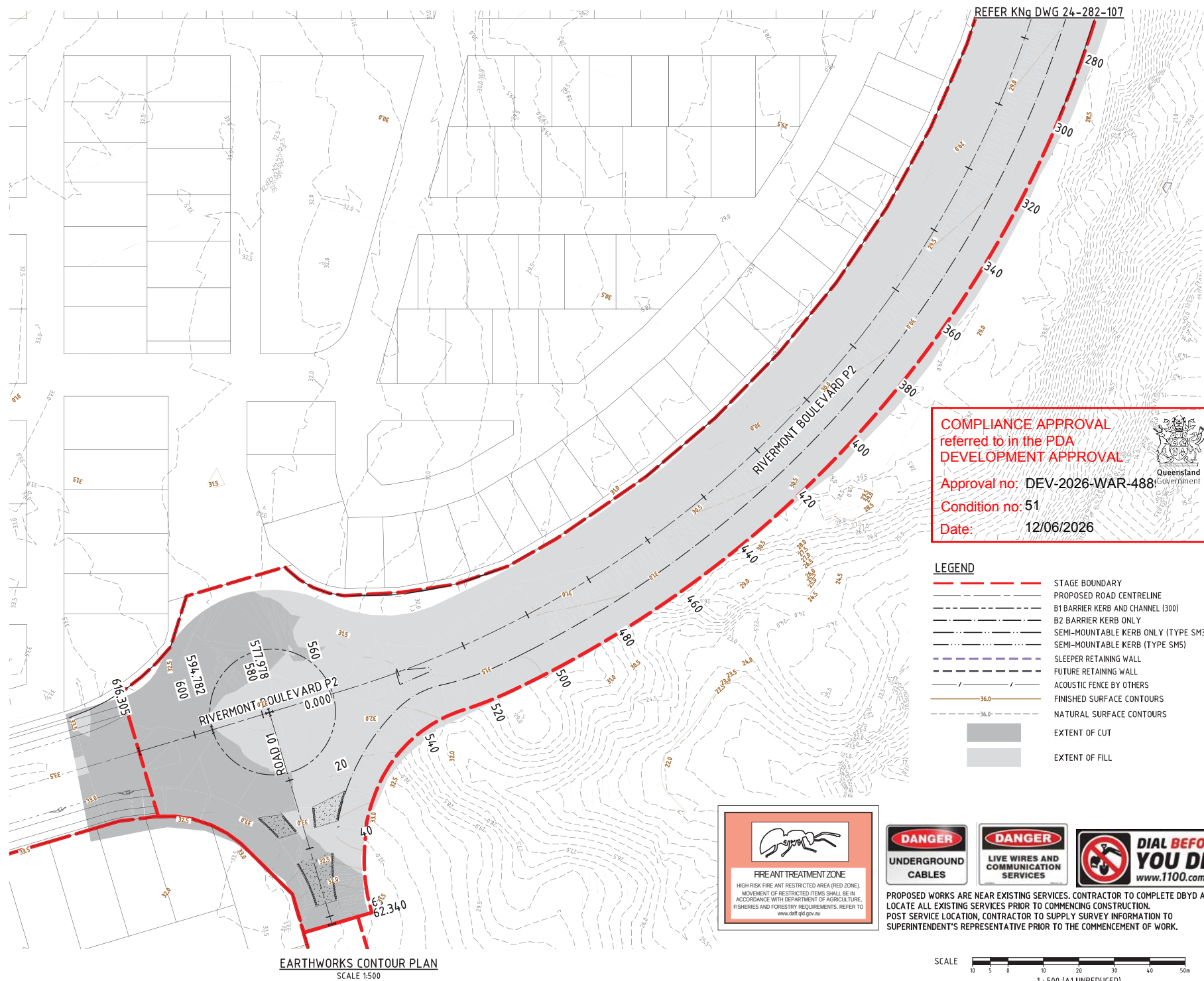
EARTHWORKS
CONTOUR PLAN

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC' 25

Scale	Sheet
AS SHOWN	8 of 50

Drawing No	Revision
A1	24-282-107

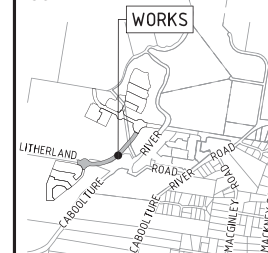
EARTHWORKS CONTOUR PLAN
SCALE 1:500
REFER KNg DWG 24-282-108



DO NOT SCALE THIS DRAWING
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LOCALITY PLAN



REVISIONS

[illegible]

Client



Project

RIVERMONT
RIVERMONT BOULEVARD
ROAD



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Approved Director - RPEQ 17544
Digitally signed by
Mark Shaw RPEQ
17544
Date: 2026.03.29
20:16:00+10'00'

Drawing Title

EARTHWORKS
CONTOUR PLAN

Drawn RP	Designed JB	Checked MAS	Date DEC ' 25
Scale AS SHOWN			Sheet 9 of 5
A1	Drawing No 24-282-108		Revision A

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LEGEND

-
- Figure 1: Typical cross-section of a road with a median. The diagram shows a cross-section of a road with a central median. The median is 36.0m wide and is flanked by 36.0m wide lanes on each side. The total width is 108.0m. The diagram includes labels for various features: STAGE BOUNDARY, PROPOSED ROAD CENTRELINE, B1 BARRIER KERB AND CHANNEL (300), B2 BARRIER KERB ONLY, SEMI-MOUNTABLE KERB ONLY (TYPE SM3), SEMI-MOUNTABLE KERB (TYPE SM5), SLEEPER RETAINING WALL, FUTURE RETAINING WALL, ACOUSTIC FENCE BY OTHERS, FINISHED SURFACE CONTOURS, NATURAL SURFACE CONTOURS, EXTENT OF CUT, and EXTENT OF FILL.



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.

SCALE  1:500 (A1 UNREDUCED)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2
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Drawn RP	Designed JB	Checked MAS	Date DEC '25
Scale AS SHOWN			Sheet 10 of 50
A1	Drawing No 24-282-109		Revision A

NOMINAL PAVEMENT DETAILS

SUB-ARTERIAL ROUNDABOUT

~~50mm ASPHALTIC CONCRETE~~

~~5mm PRIMER SEAL~~

~~130mm BASE COURSE (TYPE 2.1, CDR 00)~~

~~130mm UPPER SUB-BASE COURSE (TYPE 2.3, CDR 42)~~

~~250mm LOWER SUB-BASE COURSE (TYPE 2.5, CDR 15)~~

~~300mm SUBGRADE REPLACEMENT (TYPE 2.6, CDR 15)~~

DESIGN ESA = 3.04×10^4

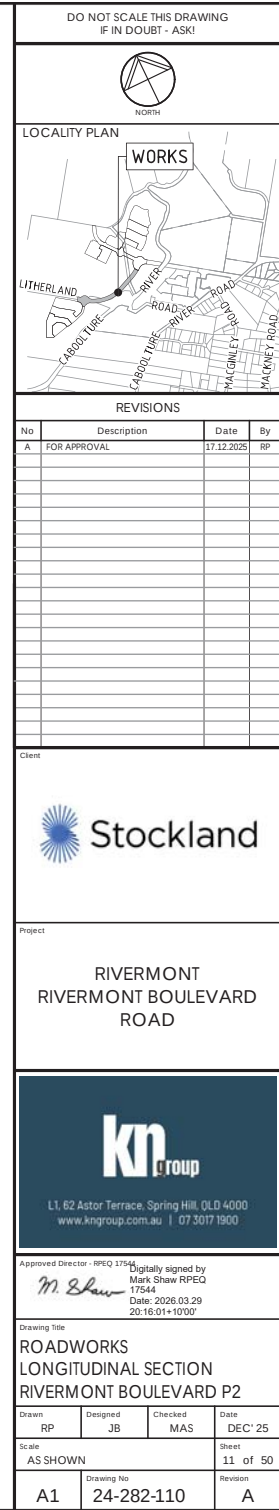
COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

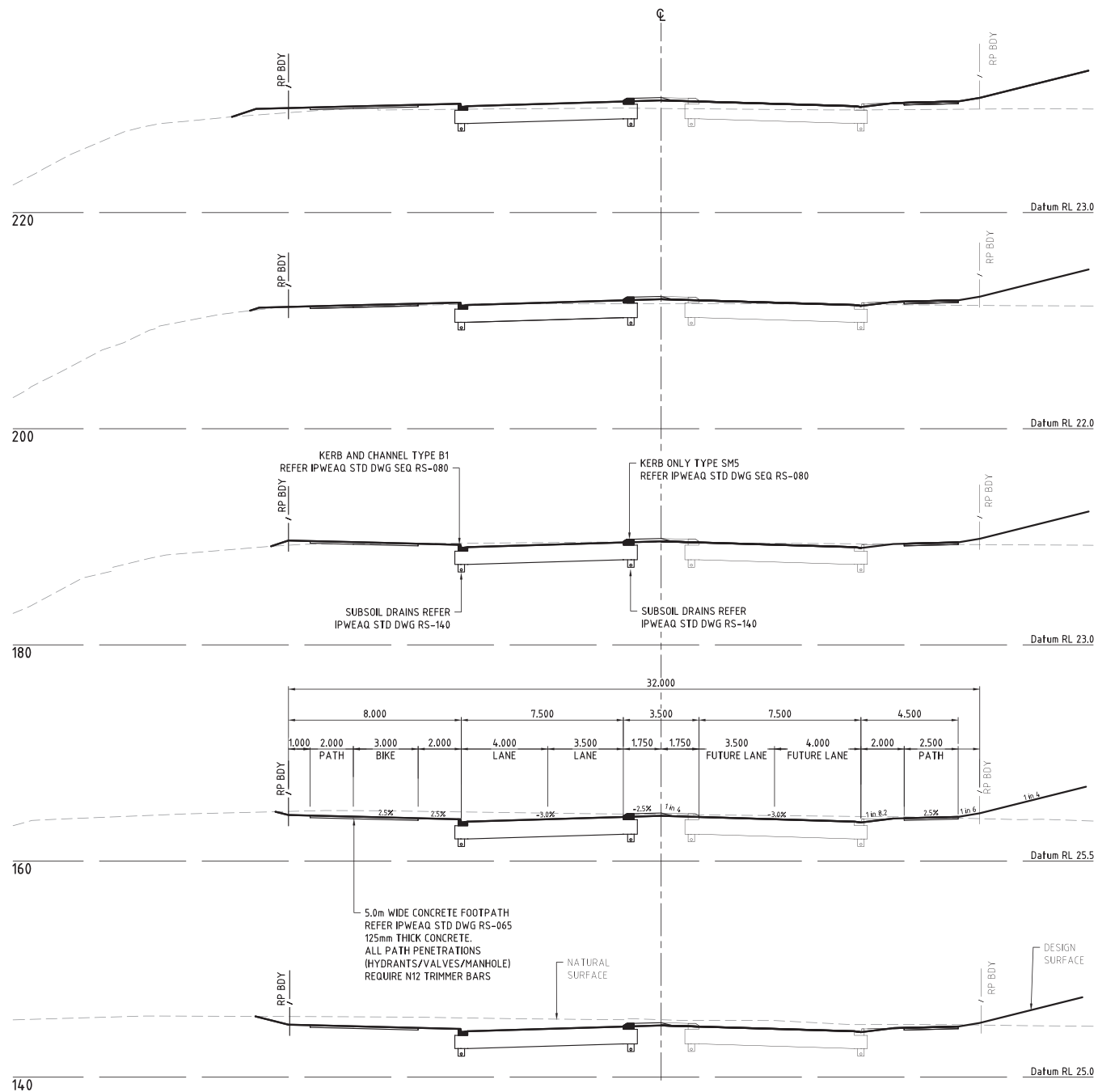
Approval no: DEV-2026-WAR-488

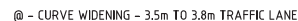
Condition no: 51

Date: 12/06/2026


Queensland
Government



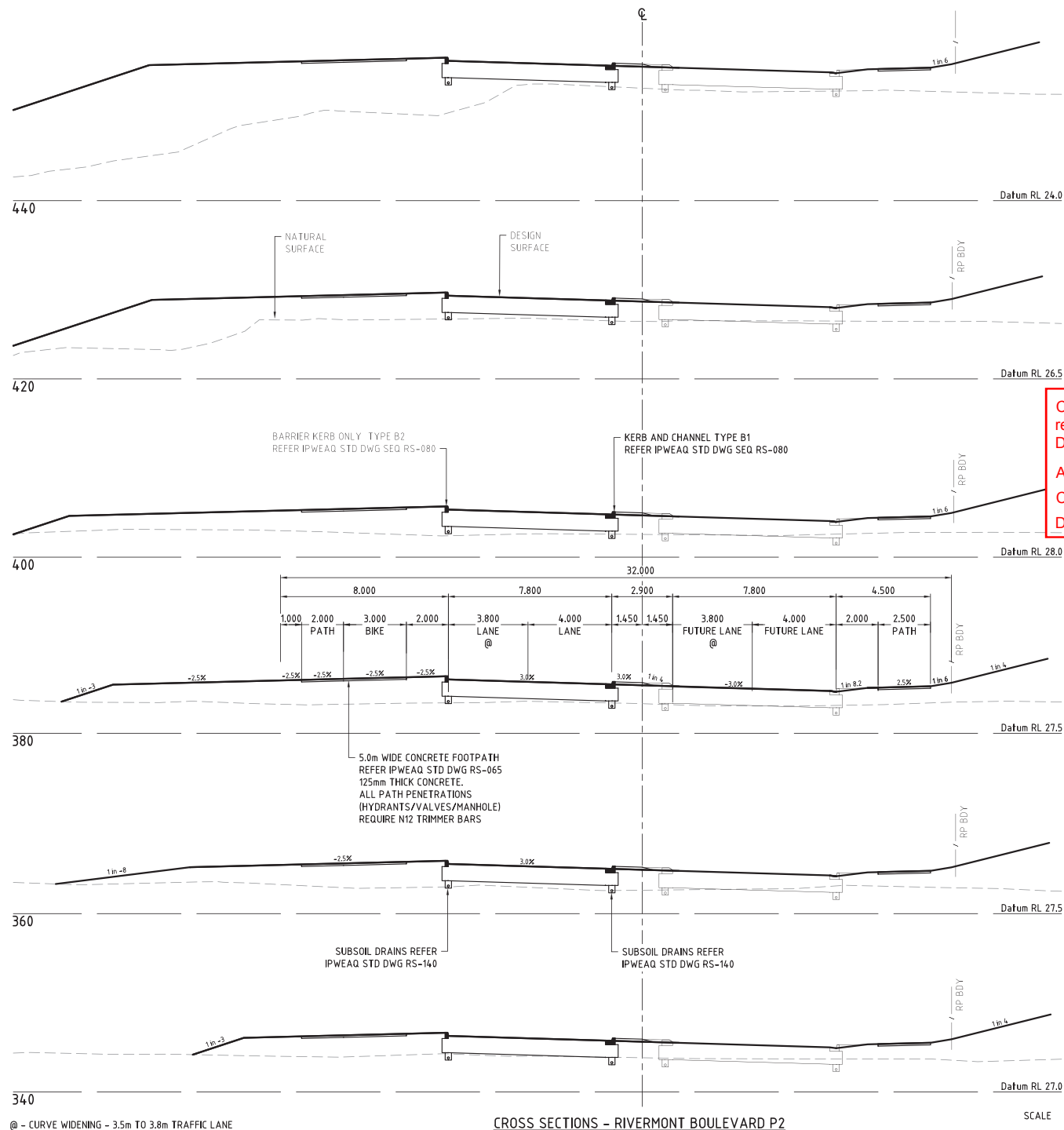




SCALE  1 : 100 (A1 UNREDUCED)

Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 14 of 50
A1	Drawing No 24-282-113		Revision A





DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN



REVISIONS

[illegible]

COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL



Approval no: DEV-2026-WAR-4889

Condition no: 51

Date: 12/06/2026

Client



Project

RIVERMONT
RIVERMONT BOULEVARD
ROAD



L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.kngroup.com.au | 07 3017 1900

Approved Director - RPEO 1754

Approved Decision - RPEQ 17544

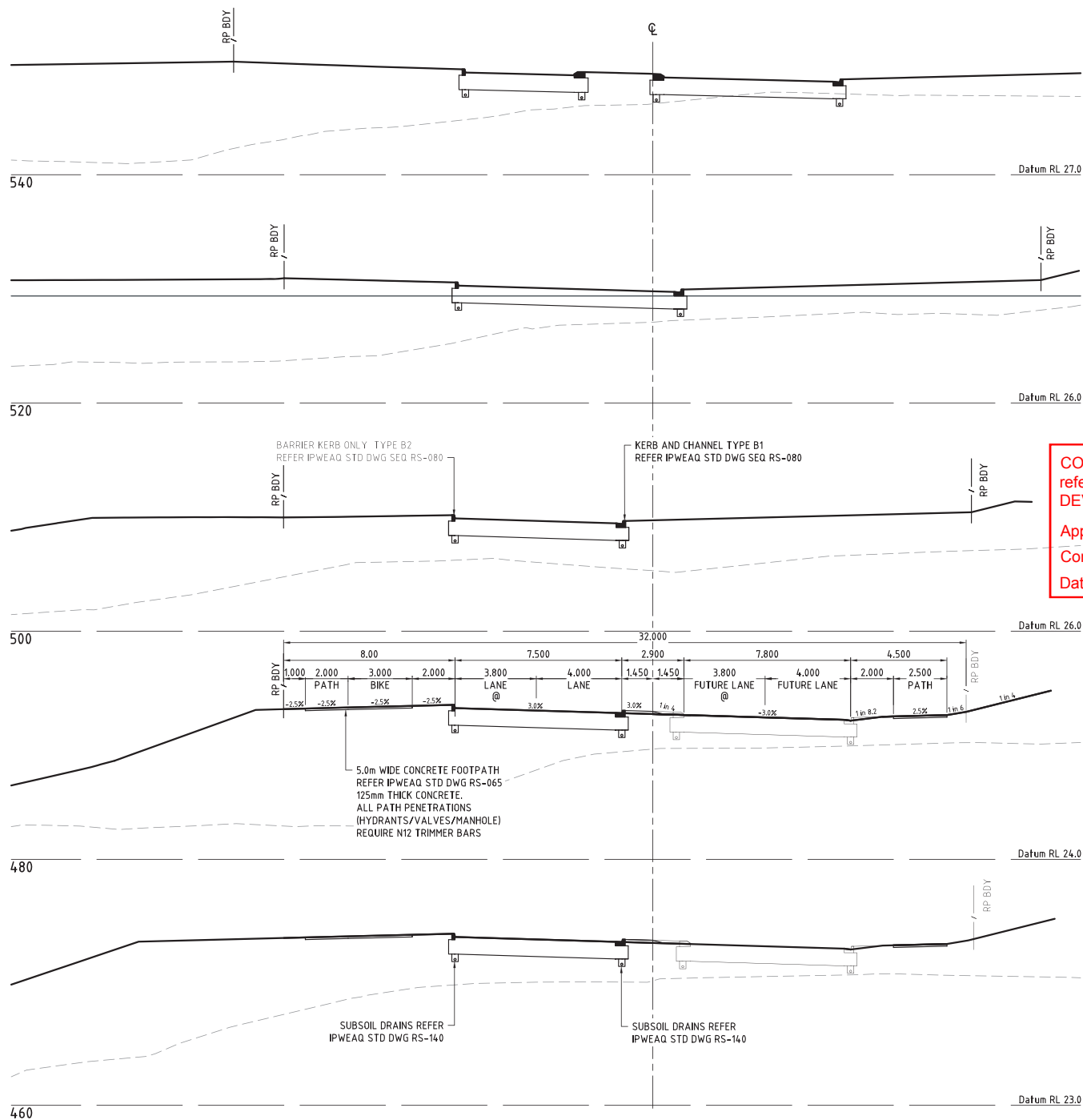
M. Shaw

Digitally signed by
Mark Shaw RPEQ
17544
Date: 2026.03.29
20:16:03+10'00'

Drawing Title

ROADWORKS
CROSS SECTIONS SHEET 4
RIVERMONT BOULEVARD P2

Drawn RP	Designed JB	Checked MAS	Date DEC ' 25
Scale AS SHOWN			Sheet 15 of 5
A1	Drawing No 24-282-114		Revision A



NOMINAL PAVEMENT DETAILS

SUB-ARTERIAL

- 50mm ASPHALTIC CONCRETE
- 5mm PRIMER SEAL
- 130mm BASE COURSE (TYPE 2.1, CBR 20)
- 130mm 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 = 8×10^5

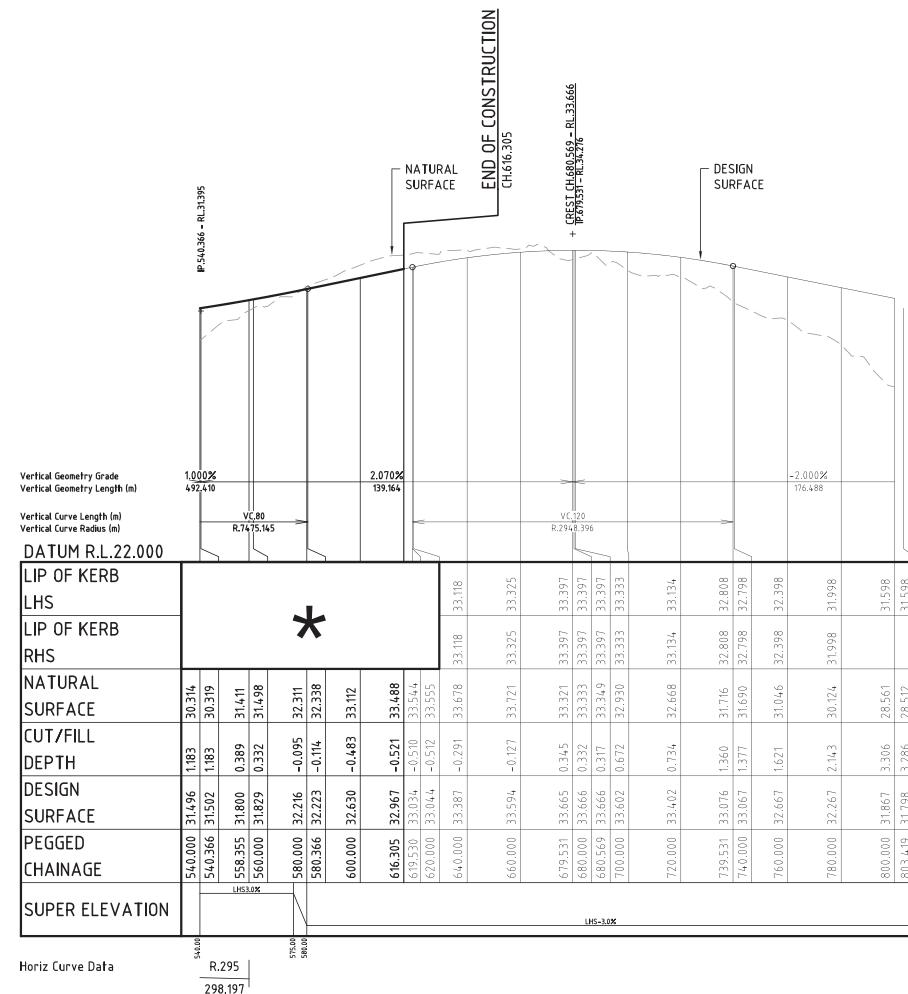
Pavement Design not approved - See Conditions

COMPLIANCE APPROVAL referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-488

Condition no: 51

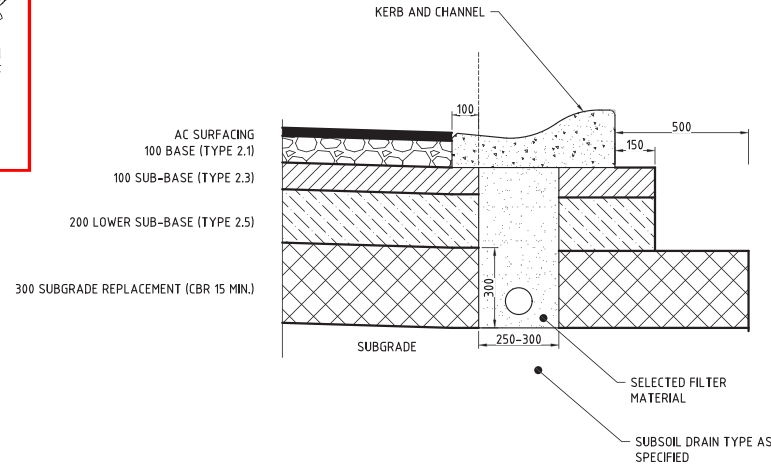
Date: 12/06/2026



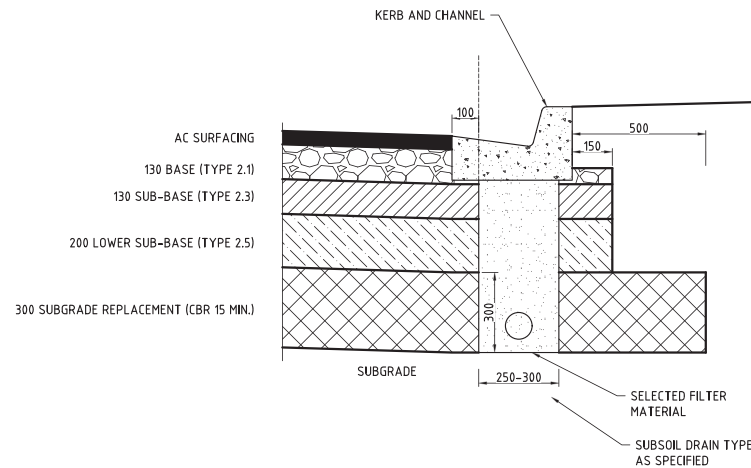
LONGITUDINAL SECTION - RIVERMONT BOULEVARD P2
SCALE - 1:1000 (H)
1:100 (V)



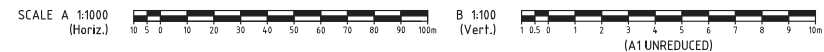
REFER INTERSECTION DETAILS ON KN DWG 24-282-118



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



TYPICAL SECTION ROADS ESA 8×10^5
LESS THAN INSITU CBR 3, SWELLS >5%
SCALE 1:10



DO NOT SCALE THIS DRAWING IF IN DOUBT - ASK!



REVISIONS			
No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client



Project

RIVERMONT
RIVERMONT BOULEVARD
ROAD

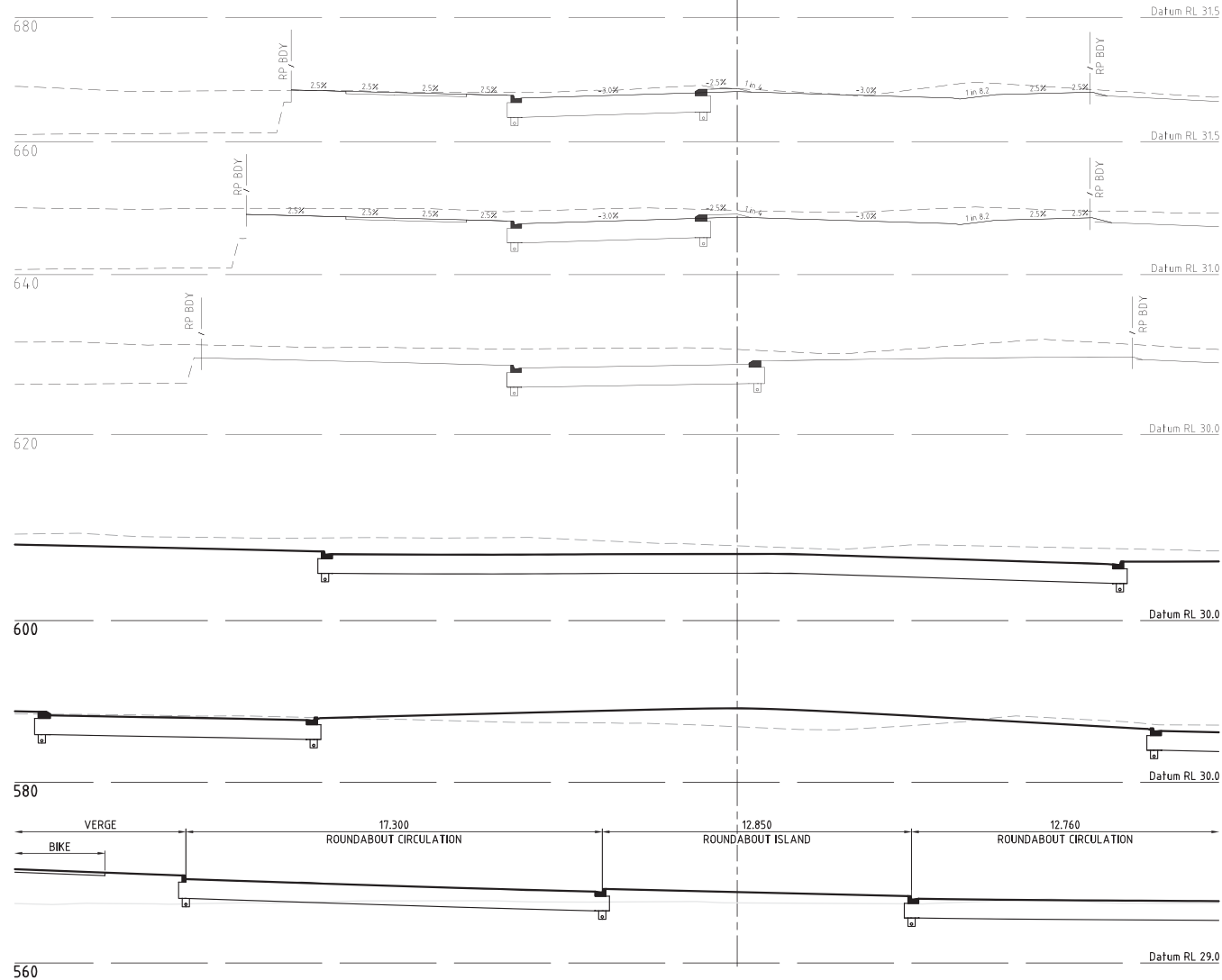


Approved Director - IPISQ 17544
Digitally signed by Mark Shaw RPEQ 17544
Date: 2026.03.29 20:16:04+10'00'

Drawing title
ROADWORKS
LONG SECTION SHEET 6
RIVERMONT BOULEVARD P2

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC '25
Scale	Sheet	Revision	
AS SHOWN	17 of 50		
Drawing No	24-282-116	Revision	A

Date: 12/06/2026



CROSS SECTIONS - RIVERMONT BOULEVARD P2



Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 18 of 50
A1	Drawing No 24-282-117		Revision A

SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
162	8283.096	11416.587	32.008
163	8288.749	11416.112	32.078
164	8294.408	11416.507	32.949
165	8299.940	11417.762	32.819
166	8305.215	11419.847	32.690
167	8306.246	11420.031	32.666
168	8309.124	11421.698	32.590
169	8311.842	11423.614	32.515
170	8314.378	11425.765	32.439
171	8316.713	11428.132	32.363
172	8321.146	11432.095	32.253
173	8326.322	11435.021	32.147
174	8332.004	11436.775	32.041
175	8337.928	11437.275	31.935
176	8343.824	11436.500	31.829
177	8349.417	11434.484	31.723
178	8354.452	11431.321	31.621
179	8358.696	11427.157	31.537
180	8362.308	11423.088	31.476
181	8366.223	11419.311	31.429
182	8370.419	11415.848	31.389
183	8374.871	11412.720	31.348
184	8379.550	11409.945	31.307
185	8384.431	11407.541	31.266
186	8389.482	11405.521	31.225
187	8394.675	11403.898	31.185
188	8399.978	11402.681	31.144
189	8405.359	11401.878	31.103
190	8410.785	11401.494	31.062
191	8416.226	11401.530	31.022

SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
208	8355.077	11406.853	31.812
209	8352.538	11400.026	32.000
210	8347.502	11394.763	32.188
211	8340.792	11391.928	32.376
212	8333.508	11391.983	32.564
213	8327.223	11394.658	32.633
214	8322.386	11399.481	32.701
215	8319.696	11405.759	32.770
216	8319.537	11412.588	32.839
217	8322.020	11419.122	32.642
218	8326.805	11424.217	32.445
219	8333.170	11427.106	32.248
220	8340.152	11427.353	32.054
221	8346.707	11424.919	31.878
222	8351.839	11420.174	31.711
223	8354.776	11413.831	31.686

GENERAL NOTES

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



CONCRETE ROAD

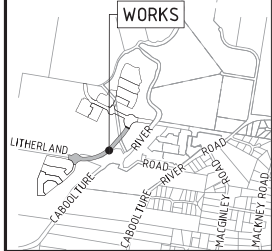
LEGEND

- PROPOSED ROAD CENTERLINE
- B1 BARRIER KERB AND CHANNEL (300)
- B2 BARRIER KERB ONLY
- SEMI-MOUNTABLE KERB ONLY (TYPE SM3)
- SEMI-MOUNTABLE KERB (TYPE SM5)
- FINISHED SURFACE CONTOURS
- OFFSET TO KERB FACE

DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP



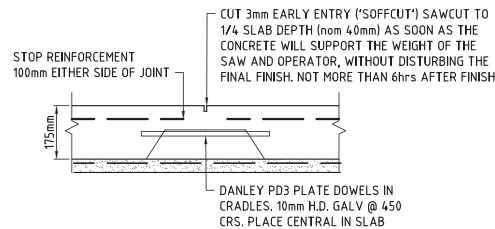
COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: **DEV-2026-WAR-488**

Condition no: **51**

Date: **12/06/2026**

Concrete pavement to be extended
to abut traffic island, ensuring that
asphalt pavement areas can be
compacted suitably.



HEAVY DUTY SOFFIT DOWELLED JOINT (SDJ)

DENOTED 'SDJ' ON
PLAN

INTERSECTION DETAIL -DISTRICT COLLECTOR
SCALE 1:250

SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
119	8416.566	11394.038	31.247
120	8412.724	11393.888	31.286
121	8408.881	11393.786	31.325
122	8405.037	11393.733	31.363
123	8401.193	11393.729	31.400
124	8396.701	11393.878	31.448
125	8392.225	11394.280	31.496
126	8387.778	11394.932	31.538
127	8383.375	11395.833	31.581
128	8379.931	11396.389	31.627
129	8376.444	11396.460	31.691
130	8372.980	11396.045	31.774
131	8369.608	11395.152	31.871
132	8364.536	11393.161	32.024
133	8359.666	11390.718	32.176
134	8355.037	11387.843	32.329
135	8350.688	11384.560	32.477
136	8346.655	11380.897	32.625
137	8342.971	11376.882	32.772
138	8339.666	11372.549	32.888
139	8336.768	11367.935	32.737
140	8333.689	11366.590	32.623
141	8333.549	11362.114	32.228
142	8331.784	11357.477	31.839
143	8330.406	11352.710	31.510
144	8329.425	11347.846	Null

SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
145	8324.478	11354.855	31.564
146	8325.031	11359.867	31.902
147	8325.079	11364.909	32.309
148	8324.622	11369.930	32.703
149	8323.665	11374.881	32.880
150	8322.217	11379.711	32.871
151	8320.293	11384.371	32.846
152	8317.698	11389.032	32.819
153	8314.511	11393.309	32.792
154	8310.787	11397.128	32.752
155	8306.591	11400.422	32.692
156	8301.996	11403.132	32.654
157	8297.084	11405.212	32.693
158	8291.431	11407.176	32.805
159	8287.246	11408.429	32.888
160	8282.967	11409.314	32.972
161	8281.945	11409.480	32.992



RIVERMONT
RIVERMONT BOULEVARD
ROAD



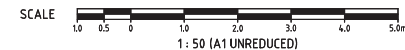
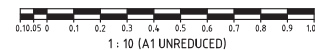
L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.knigroup.com.au | 07 3017 1900

Approved Director - RPICQ 17544
Mark Shaw RPICQ 17544
Date: 2026.03.29
29.16.05 > 10:00

Drawing title
**ROADWORKS
INTERSECTION DETAILS
SHEET 1**

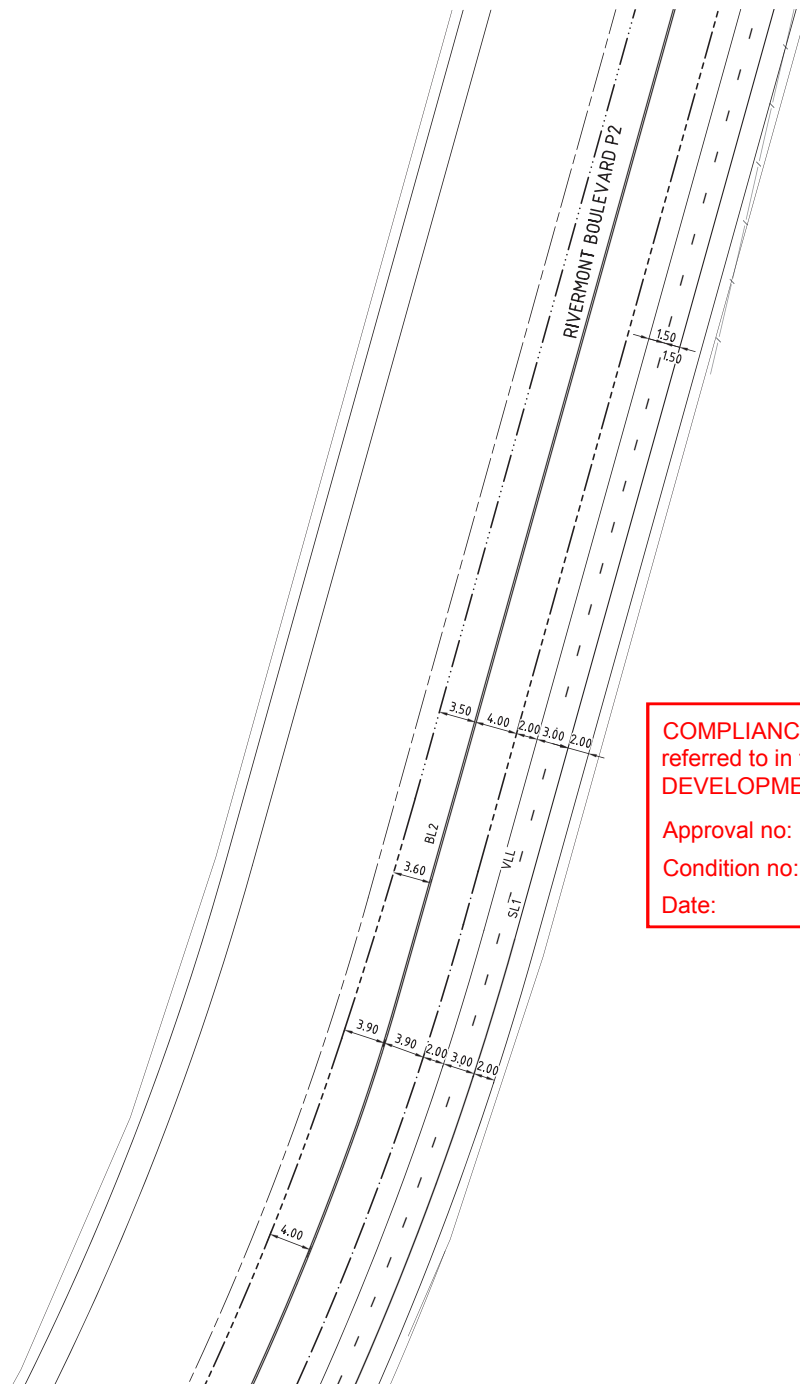
Drawn	Designed	Checked	Date
RP	JB	MAS	DEC '25
Scale	Sheet	Revision	
AS SHOWN	19 of 50		
A1	24-282-118	A	

SCALE
1:250 (A1 UNREDUCED)



Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 21 of 50
A1	Drawing No 24-282-120		Revision A

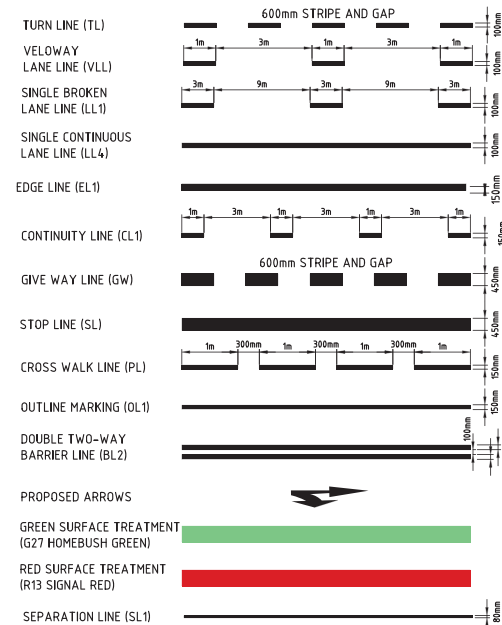
REFER KNg DWG 24-282-122



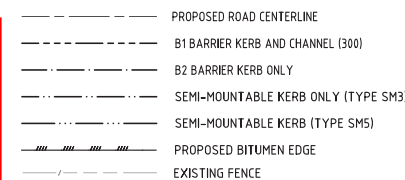
LINE MARKING PLAN - RIVERMONT BOULEVARD P2
SCALE 1:250

REFER KNq DWG 24-282-124

LINEMARKING LEGEND



LEGEND



COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL



Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026

PAVEMENT MARKING NOTES

ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH THE MANUAL OF
UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION.

OUTLINE MARKINGS, OFFSET 150mm MINIMUM FROM THE KERB FACE SHALL BE PROVIDED AROUND ALL RAISED ISLANDS AND MEDIANS.

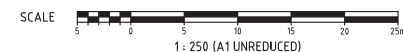
WHITE REFLECTIVE PAINT SHALL BE USED FOR ALL LANE AND EDGE LINES, CHEVRONS AND OUTLINE MARKINGS.

WHITE REFLECTIVE THERMOPLASTIC MATERIAL SHALL BE USED FOR ALL CONTINUITY, TURN, HOLDING, GIVE WAY AND STOP LINES, CROSSWALK MARKINGS AND TURN ARROWS.

ALL EXISTING PAVEMENT MARKINGS THAT SHALL BE MADE OBSOLETE BY THESE WORKS SHALL BE REMOVED FROM THE ROAD SURFACE BY APPROVED METHOD.

SIGN NOTES

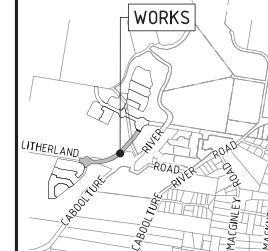
- 1. ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION**
- 2. THE LOCATION OF EXISTING SIGNS ARE INDICATED ON PLAN.**
- 3. THE LOCATIONS OF PROPOSED SIGNS ARE INDICATED ON PLAN.**
ALL SIGNS TO BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES TO EDGE OF SIGN FACE:
NO KERB ~ 600mm BEHIND GUIDEPOSTS
BARRIER KERB ~ 300mm FROM FACE OF KERB
MOUNTABLE KERB ~ 500mm FROM FACE OF KERB.
- 4. CHECK FOR ALL IN GROUND SERVICES PRIOR TO PLACING SIGN SUPPORTS.**
- 5. SIGN SUPPORT CONSTRUCTION TO BE IN ACCORDANCE WITH MAIN ROADS STANDARD DRAWING 1368 FOR SIGN SUPPORTS AND FOR MULTIPLE SUPPORT. REUSE EXISTING SIGN SUPPORTS WHERE POSSIBLE.**
- 6. EXACT LOCATION OF ALL SIGNS IS TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION.**



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN



REVISIONS

[illegible]

Client



Project

RIVERMONT
RIVERMONT BOULEVARD
ROAD



Approved Director - RPEQ 17544
M. Shaw
 Digitally signed by Mark Shaw RPEQ 17544
 Date: 2026.03.29 20:16:08+10'00'

Drawing Title

ROADWORKS
SIGNS AND LINEMARKING PLAN
SHEET 2

Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 24 of 5
A1	Drawing No 24-282-123		Revision A

Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 25 of 50
A1	Drawing No 24-282-124		Revision A

LINE MARKING PLAN - RIVERMONT BOULEVARD P2
SCALE 1:250

COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026



REFER KNg DWG 24-282-126

REFER KNg DWG 24-282-124



LINE MARKING PLAN - RIVERMONT BOULEVARD P2
SCALE 1:250

PAVEMENT MARKING NOTES

ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION.

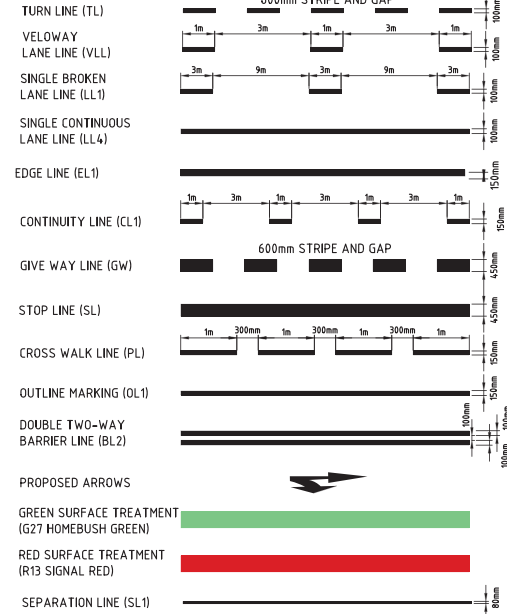
OUTLINE MARKINGS, OFFSET 150mm MINIMUM FROM THE KERB FACE SHALL BE PROVIDED AROUND ALL RAISED ISLANDS AND MEDIANS.

WHITE REFLECTIVE PAINT SHALL BE USED FOR ALL LANE AND EDGE LINES, CHEVRONS AND OUTLINE MARKINGS.

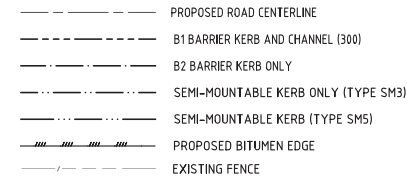
WHITE REFLECTIVE THERMOPLASTIC MATERIAL SHALL BE USED FOR ALL CONTINUITY, TURN, HOLDING, GIVE WAY AND STOP LINES, CROSSWALK MARKINGS AND TURN ARROWS.

ALL EXISTING PAVEMENT MARKINGS THAT SHALL BE MADE OBSOLETE BY THESE WORKS SHALL BE REMOVED FROM THE ROAD SURFACE BY APPROVED METHOD.

LINEMARKING LEGEND

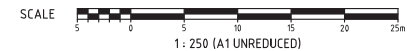


LEGEND



SIGN NOTES

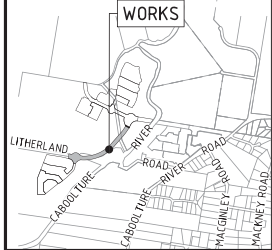
- ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION
- THE LOCATION OF EXISTING SIGNS ARE INDICATED ON PLAN.
- THE LOCATIONS OF PROPOSED SIGNS ARE INDICATED ON PLAN.
ALL SIGNS TO BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES TO EDGE OF SIGN FACE:
NO KERB - 600mm BEHIND GUIDEPOSTS
BARRIER KERB - 300mm FROM FACE OF KERB
MOUNTABLE KERB - 500mm FROM FACE OF KERB.
- CHECK FOR ALL IN GROUND SERVICES PRIOR TO PLACING SIGN SUPPORTS.
- SIGN SUPPORT CONSTRUCTION TO BE IN ACCORDANCE WITH MAIN ROADS STANDARD DRAWING 1368 FOR SIGN SUPPORTS AND FOR MULTIPLE SUPPORT. REUSE EXISTING SIGN SUPPORTS WHERE POSSIBLE.
- EXACT LOCATION OF ALL SIGNS IS TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION.



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client



Project

RIVERMONT
RIVERMONT BOULEVARD ROAD



Approved Director - RPEQ 17544
Digitally signed by Mark Shaw RPEQ 17544
Date: 2026.03.29 20:16:09+10'00'

Drawing title

ROADWORKS
SIGNS AND LINEMARKING PLAN
SHEET 4

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC' 25
Scale	Sheet	Revision	
AS SHOWN	26 of 50		
Drawing No	Revision		
A1	24-282-125		A

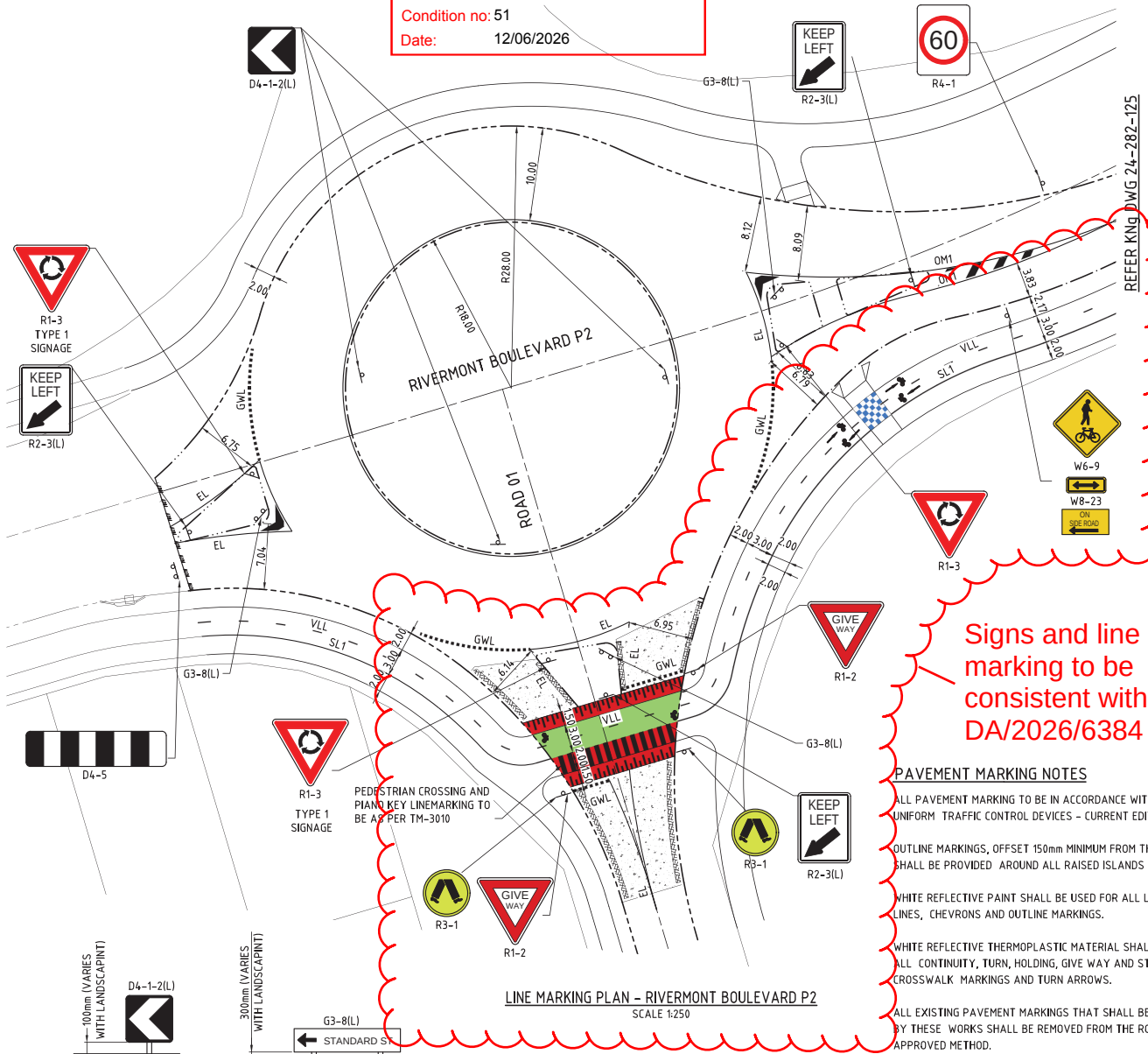
COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL



Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026



LINE MARKING PLAN - RIVERMONT BOULEVARD P2
SCALE 1:250

PAVEMENT MARKING NOTES

ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION.

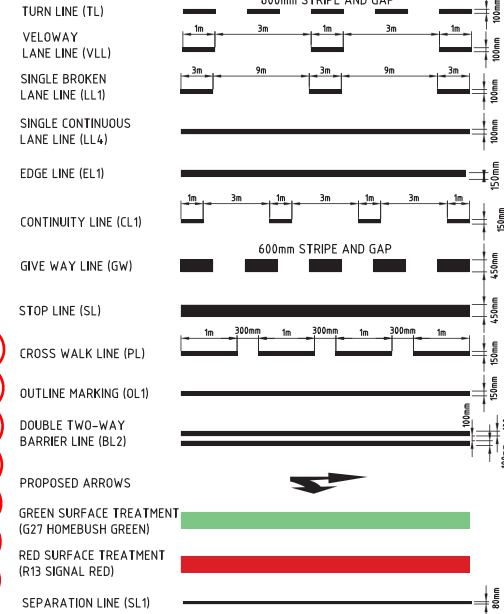
OUTLINE MARKINGS, OFFSET 150mm MINIMUM FROM THE KERB FACE SHALL BE PROVIDED AROUND ALL RAISED ISLANDS AND MEDIANS.

WHITE REFLECTIVE PAINT SHALL BE USED FOR ALL LANE AND EDGE LINES, CHEVRONS AND OUTLINE MARKINGS.

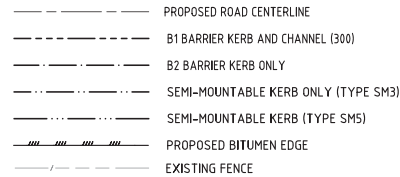
WHITE REFLECTIVE THERMOPLASTIC MATERIAL SHALL BE USED FOR ALL CONTINUITY, TURN, HOLDING, GIVE WAY AND STOP LINES, CROSSWALK MARKINGS AND TURN ARROWS.

ALL EXISTING PAVEMENT MARKINGS THAT SHALL BE MADE OBSOLETE BY THESE WORKS SHALL BE REMOVED FROM THE ROAD SURFACE BY APPROVED METHOD.

LINEMARKING LEGEND



LEGEND



SIGN NOTES

1. ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION

2. THE LOCATION OF EXISTING SIGNS ARE INDICATED ON PLAN.

3. THE LOCATIONS OF PROPOSED SIGNS ARE INDICATED ON PLAN.

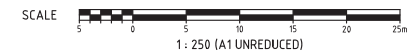
ALL SIGNS TO BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES TO EDGE OF SIGN FACE:

NO KERB - 600mm BEHIND GUIDEPOSTS
BARRIER KERB - 300mm FROM FACE OF KERB
MOUNTABLE KERB - 500mm FROM FACE OF KERB.

4. CHECK FOR ALL IN GROUND SERVICES PRIOR TO PLACING SIGN SUPPORTS.

5. SIGN SUPPORT CONSTRUCTION TO BE IN ACCORDANCE WITH MAIN ROADS STANDARD DRAWING 1368 FOR SIGN SUPPORTS AND FOR MULTIPLE SUPPORT. REUSE EXISTING SIGN SUPPORTS WHERE POSSIBLE.

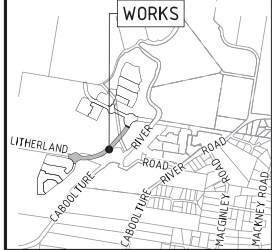
6. EXACT LOCATION OF ALL SIGNS IS TO BE VERIFIED ON SITE WITH THE SUPERINTENDENT PRIOR TO INSTALLATION.



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP



RIVERMONT
RIVERMONT BOULEVARD ROAD



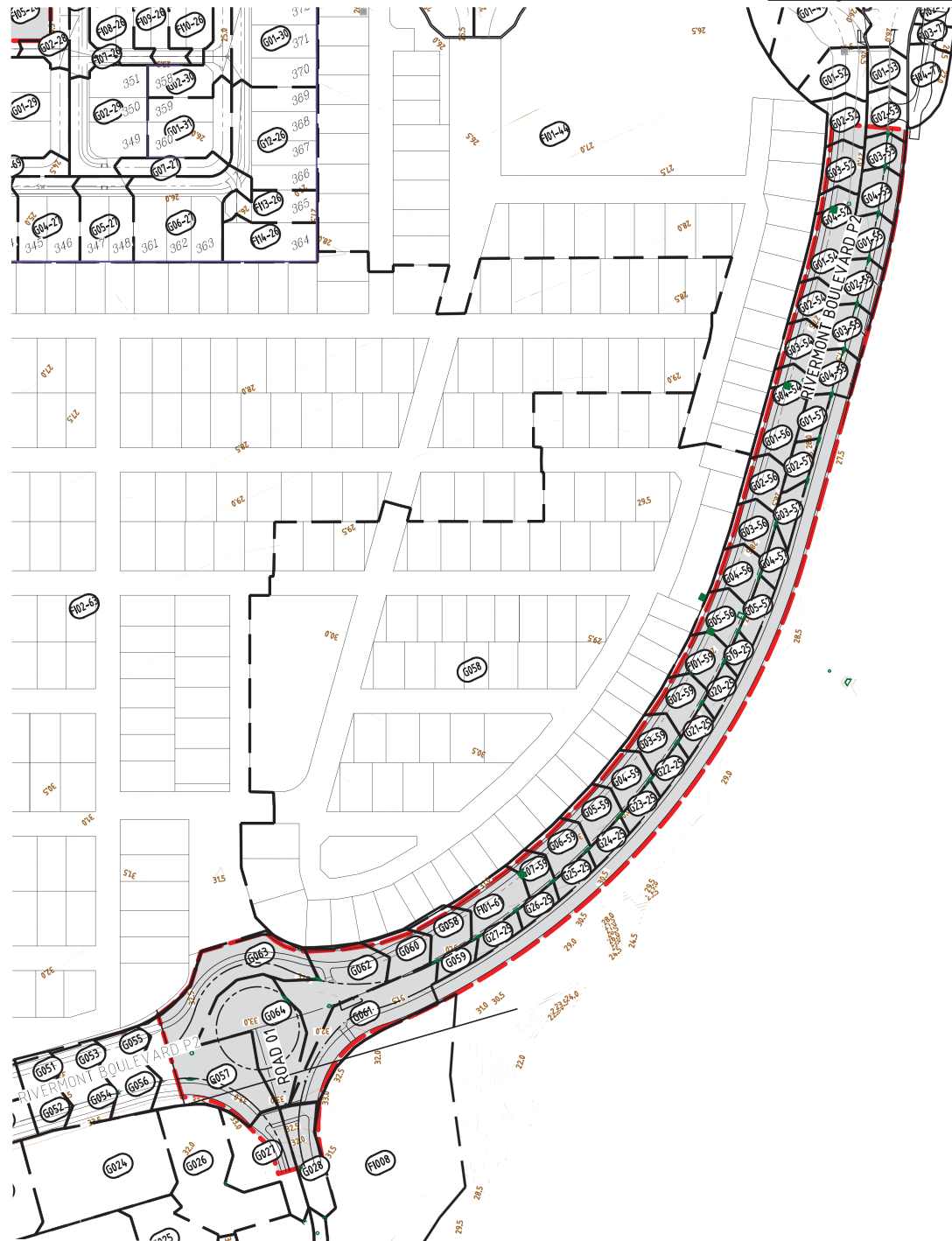
L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.kngroup.com.au | 07 3017 1900

Approved Director - IPISQ 17544
Digitally signed by Mark Shaw RPEQ 17544
Date: 2026.03.29 20:16:10+10'00'

Drawing title
ROADWORKS
SIGNS AND LINEMARKING PLAN
SHEET 5

Drawn	Designed	Checked	Date
RP	JB	MAS	DEC' 25
Scale	Sheet	Revision	
AS SHOWN	27 of 50		
A1	24-282-126	A	

REFER KNg DWG 24-282-125



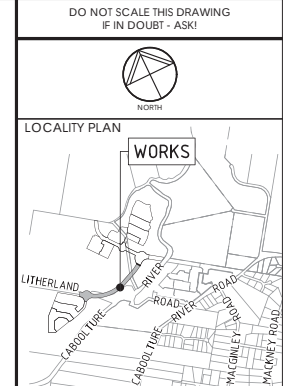
CATCHMENT PLAN
SCALE 1:1000

COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4889

Condition no: 51

Date: 12/06/2026



REVISIONS

[illegible]

Client	
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Project	
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RIVERMONT
RIVERMONT BOULEVARD
ROAD



Approved Director - RPEQ 17544
M. Shaw
 Digitally signed by Mark Shaw RPEQ 17544
 Date: 2026.03.29 20:16:10+10'00'

Drawing Title

STORMWATER
CATCHMENT PLAN
SHEET 1

Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 28 of 50
Drawing No A1 24-282-127		Revision A	

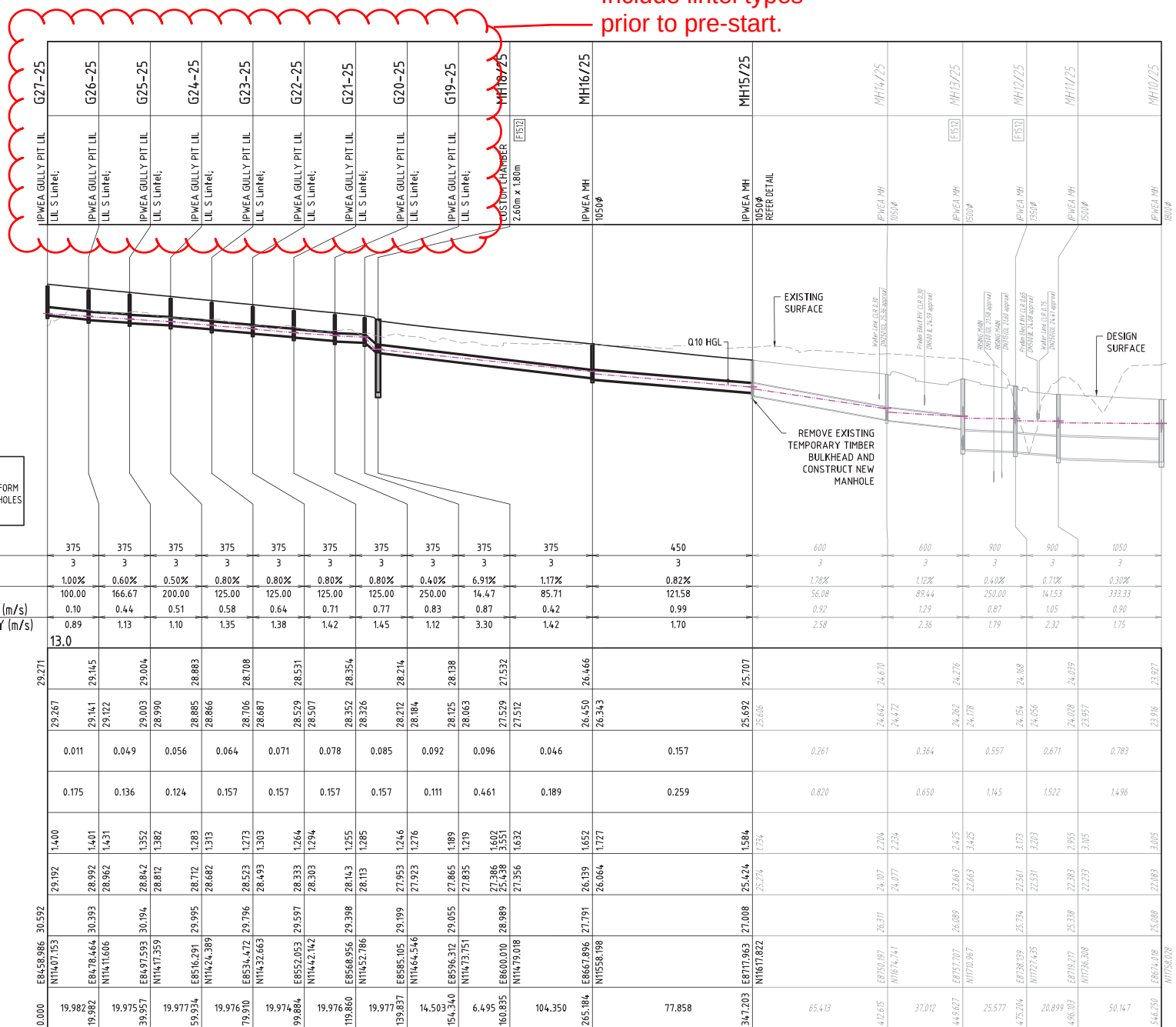
LEGEND

 PROPOSED CATCHMENT BOUNDARY
 EXTERNAL CONTRIBUTING CATCHMENT BOUNDARY
 CATCHMENT NUMBER
 B1 BARRIER KERB AND CHANNEL (300)
 B2 BARRIER KERB ONLY
 SEMI-MOUNTABLE KERB ONLY (TYPE SM3)
 SEMI-MOUNTABLE KERB (TYPE SM5)
 PROPOSED STORMWATER DRAINAGE
 FINISHED SURFACE CONTOURS
 NATURAL SURFACE CONTOURS

SCALE 
1 : 1000 (A1 UNREDUCED)

STRUCTURE NAME
STRUCTURE DESCRIPTION

- Include lintel types prior to pre-start.



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

[illegible]

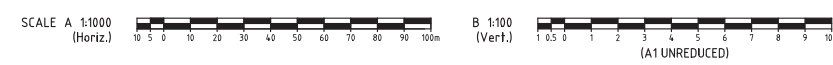
COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026


Queensland
Government

[illegible]

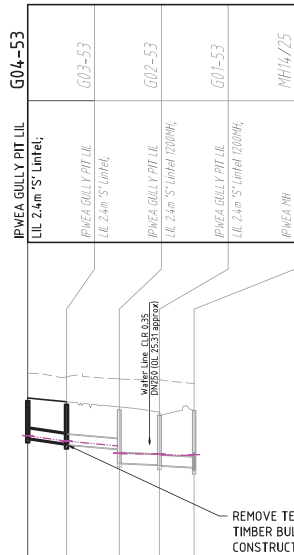
NOTE:
F1512 CONTRACTOR TO PROVIDE FORM 15 AND 12 FOR ALL MAINTENANCE HOLES GREATER THAN 3m DEPTH.

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

COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

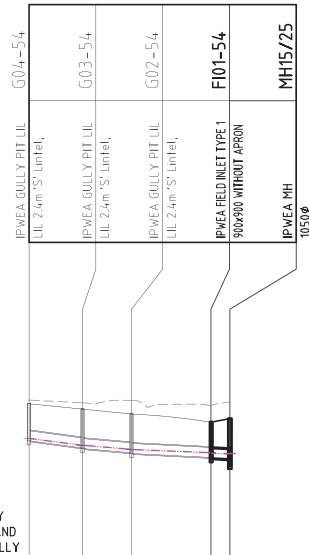
Approval no: DEV-2026-WAR-488
Condition no: 51
Date: 12/06/2026


Queensland
Government

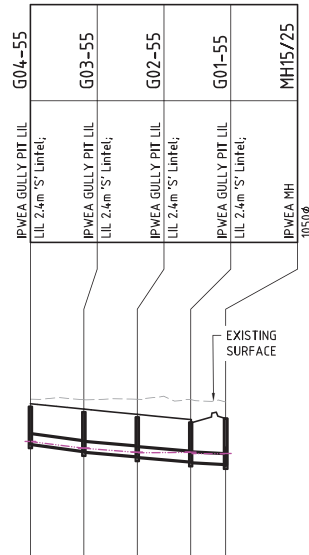
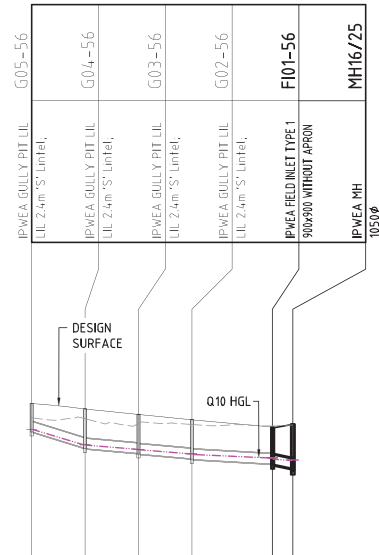
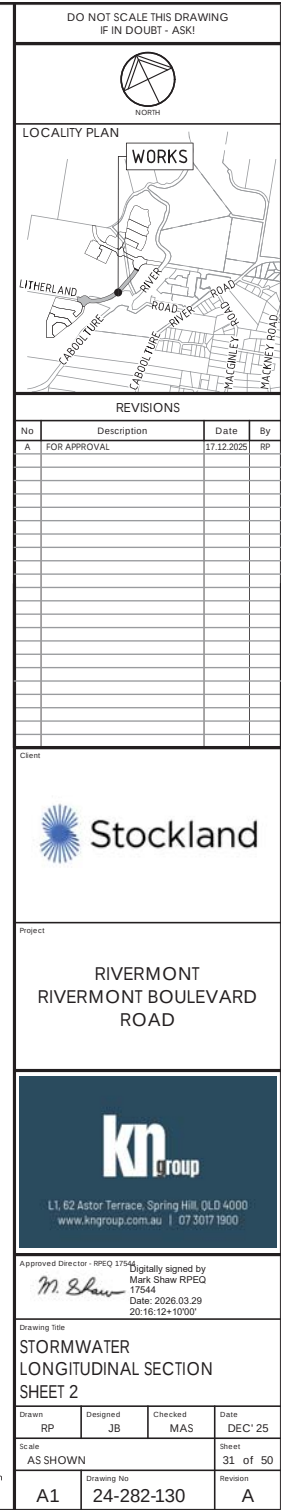
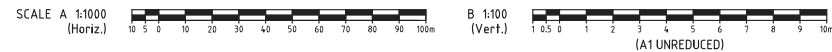


0.000	E0738.011	26.655	25.265	1.400	0.206	0.018	25.360	25.369	5)
	N1625.684								
14.521	E7476.239	26.524	25.064	1.440			25.166		375
14.271	N1638.161	26.524	25.034	1.490			25.159		375
19.732	E7975.471	26.333	24.872	1.461	0.159	0.030	24.715		375
34.253	N1655.626		24.342	1.591			24.690		375
15.002	E7615.947	26.134	24.282	1.852	0.111	0.047	24.681		375
49.256	N1669.105		24.252	1.882			24.646		375
13.018	E7950.197	26.311	24.187	2.124	0.124	0.062	24.630		375
27.74									

— REMOVE TEMPORARY
TIMBER BULKHEAD AND
CONSTRUCT NEW GULLY



0.000	E8667.061	27.571	1.400		0.200		0.015	26.258	26.265	13.0	1.07	0.14	76.92	1.30%	3	375
	N15566.337		26.171												3	375
															3	375
20.000															3	375
20.000	E8680.248	27.371	25.911	1.460				26.012	26.012		1.11	0.27	119.84	0.83%	3	375
	N1581.374		25.881	1.490				26.005	26.005						3	375
18.335															3	375
	E8692.738	27.188	25.728	1.460				25.859	25.860						3	375
38.335	N1595.159		25.698	1.490				25.848	25.848						3	375
29.731															3	375
	E8710.956	26.882	25.552	1.330				25.731	25.738		1.17	0.39	203.64	0.49%	3	375
68.066	N1618.337		25.522	1.360				25.706	25.706						3	375
															3	375
7.098	E8717.563	27.008	25.487	1.522				25.688	25.702		1.10	0.52	200.00	0.50%	3	375
75.164	N1617.822		25.274	1.735				25.616	25.616						3	375

[illegible][illegible]

[illegible]

PN2024121220 Rivermont PE EPM Sub - Internal Engineering\Main\A000_208_A0001\A1-282-132-A1-SW-Cross-Section_Planet by AL on 26/09/2024 3:59:02 PM

STRUCTURE NAME	STRUCTURE DESCRIPTION
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NOTE:
[F512] 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)
PIPE GRADE %	0.50%	0.50%	1.08%	1.00%
PIPE SLOPE 1 in X	200.00	200.00	92.59	100.00
FULL PIPE FLOW VELOCITY (m/s)	0.13	0.23	0.35	0.46
PART FULL FLOW VELOCITY (m/s)	0.76 (0.59 63.20XA)	0.88 (0.71 63.20XA)	1.34 (1.05 63.20XA)	1.37 (1.11 63.20XA)
DATUM RL 16.0				
WATER LEVEL IN STRUCTURE	32.176	32.176	31.573	30.168
HYDRAULIC GRADE LEVEL	32.176	31.852	31.573	30.218
PIPE FLOW (Cumecs)	0.014	0.026	0.038	0.051
PIPE CAPACITY AT GRADE (Cumecs)	0.124	0.124	0.182	0.175
DEPTH TO INVERT	1.390	1.615	1.514	1.687
INVERT LEVEL OF DRAIN	31.786	31.566	31.060	31.487
DESIGN SURFACE LEVEL	33.306	33.331	33.294	32.834
SETOUT CO-ORDINATE	E 8215.063	E 8254.552	E 8234.041	E 8207.230
RUNNING CHAINAGE	0.000	40.000	79.999	99.292



COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL
Approval no: DEV-2026-WAR-488
Condition no: 51
Date: 12/06/2026

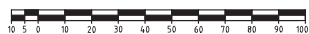
PIPE SIZEmm (Class)	375(3)	375(3)	375(3)	375(3)
PIPE GRADE %	0.50%	0.50%	1.09%	0.97%
PIPE SLOPE 1 in X	200.00	200.00	91.60	103.19
FULL PIPE FLOW VELOCITY (m/s)	0.14	0.24	0.38	0.53
PART FULL FLOW VELOCITY (m/s)	0.76 (0.61 63.20XA)	0.76 (0.73 63.20XA)	1.35 (1.10 63.20XA)	1.44 (1.15 63.20XA)
DATUM RL 16.0				
WATER LEVEL IN STRUCTURE	32.176	32.176	31.593	30.168
HYDRAULIC GRADE LEVEL	32.004	31.856	31.491	30.218
PIPE FLOW (Cumecs)	0.015	0.027	0.042	0.058
PIPE CAPACITY AT GRADE (Cumecs)	0.124	0.124	0.183	0.172
DEPTH TO INVERT	1.513	1.738	1.574	1.663
INVERT LEVEL OF DRAIN	31.666	31.696	31.016	31.471
DESIGN SURFACE LEVEL	33.429	33.454	32.816	32.834
SETOUT CO-ORDINATE	E 8212.038	E 8251.528	E 8231.772	E 8207.230
RUNNING CHAINAGE	0.000	40.001	79.785	97.955

PIPE SIZEmm (Class)	375(3)
PIPE GRADE %	0.87%
PIPE SLOPE 1 in X	115.20
FULL PIPE FLOW VELOCITY (m/s)	0.61
PART FULL FLOW VELOCITY (m/s)	1.41 (1.12 63.20XA)
DATUM RL 16.0	
WATER LEVEL IN STRUCTURE	31.777
HYDRAULIC GRADE LEVEL	31.627
PIPE FLOW (Cumecs)	0.068
PIPE CAPACITY AT GRADE (Cumecs)	0.163
DEPTH TO INVERT	1.402
INVERT LEVEL OF DRAIN	31.375
DESIGN SURFACE LEVEL	32.834
SETOUT CO-ORDINATE	E 8307.230
RUNNING CHAINAGE	11.043

PIPE SIZEmm (Class)	375(3)	375(3)	450(3)
PIPE GRADE %	0.40%	0.40%	0.40%
PIPE SLOPE 1 in X	250.00	250.00	250.00
FULL PIPE FLOW VELOCITY (m/s)	0.19	0.45	0.62
PART FULL FLOW VELOCITY (m/s)	0.76 (0.59 63.20XA)	0.88 (0.71 63.20XA)	1.34 (1.05 63.20XA)
DATUM RL 16.0			
WATER LEVEL IN STRUCTURE	30.016	30.005	29.969
HYDRAULIC GRADE LEVEL	30.005	29.985	29.939
PIPE FLOW (Cumecs)	0.021	0.049	0.099
PIPE CAPACITY AT GRADE (Cumecs)	0.111	0.111	0.180
DEPTH TO INVERT	1.237	1.524	2.025
INVERT LEVEL OF DRAIN	29.200	29.100	29.000
DESIGN SURFACE LEVEL	30.437	30.444	31.045
SETOUT CO-ORDINATE	E 8445.052	E 8421.200	E 8401.243
RUNNING CHAINAGE	19.975	19.976	39.951

PIPE SIZEmm (Class)	375(3)	375(3)
PIPE GRADE %	0.50%	0.50%
PIPE SLOPE 1 in X	200.00	200.30
FULL PIPE FLOW VELOCITY (m/s)	0.17	0.59
PART FULL FLOW VELOCITY (m/s)	0.76 (0.59 63.20XA)	0.88 (0.71 63.20XA)
DATUM RL 16.0		
WATER LEVEL IN STRUCTURE	30.018	30.009
HYDRAULIC GRADE LEVEL	30.009	29.968
PIPE FLOW (Cumecs)	0.019	0.065
PIPE CAPACITY AT GRADE (Cumecs)	0.124	0.124
DEPTH TO INVERT	1.400	1.699
INVERT LEVEL OF DRAIN	29.391	29.270
DESIGN SURFACE LEVEL	30.791	30.990
SETOUT CO-ORDINATE	E 8439.257	E 8419.356
RUNNING CHAINAGE	19.981	19.981

SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!

LOCALITY PLAN
WORKS
LITTERLAND RIVER
CARROLL TIRE RIVER
CARROLL TIRE ROAD
CARROLL TIRE ROAD
MACGOWAN ROAD
MACGOWAN ROAD

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client
Stockland

Project
RIVERMONT
RIVERMONT BOULEVARD ROAD

Approved Director - RPEQ 17544
Mark Shaw RPEQ 17544
Date: 2026.03.29
20:16:13+1000
Digitally signed by
Mark Shaw RPEQ 17544
Date: 2026.03.29
20:16:13+1000

Drawing title
STORMWATER
LONGITUDINAL SECTION
SHEET 4

Drawn	Designed	Checked	Date
DF	VS	MAS	DEC' 25
A1	24-282-132	A	

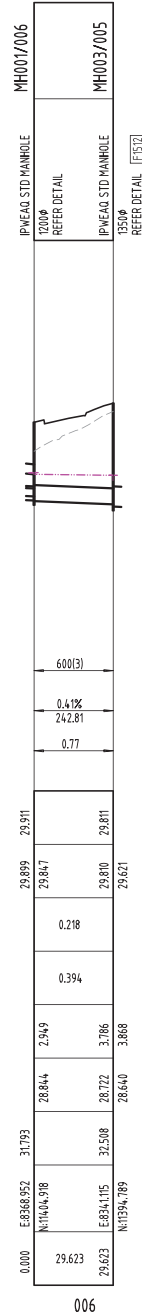
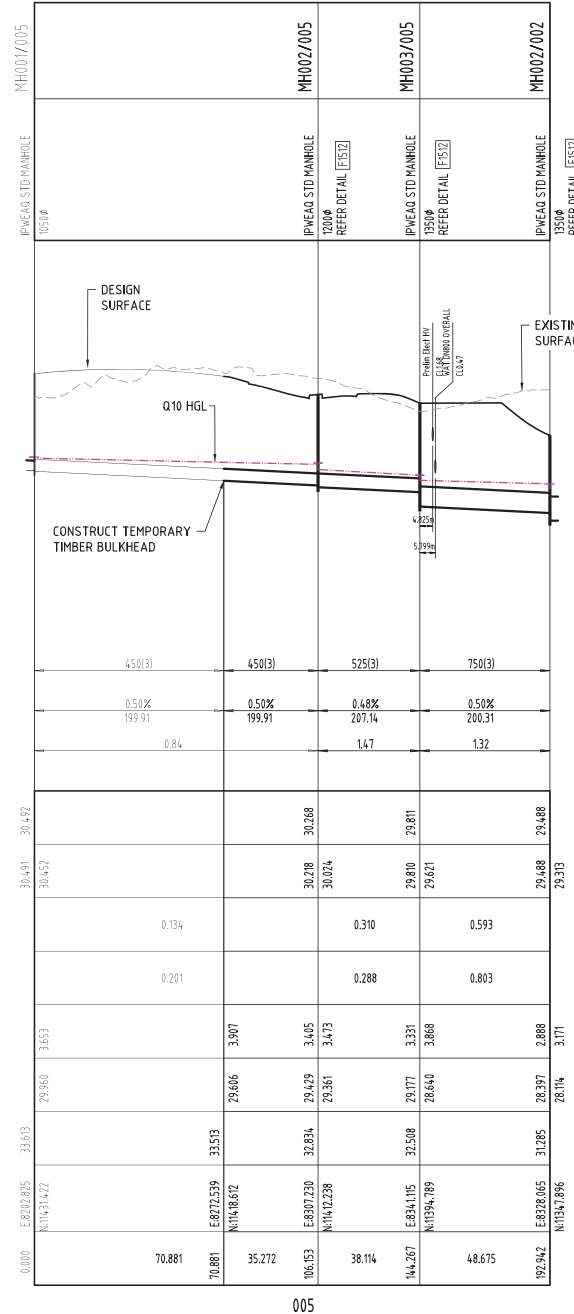
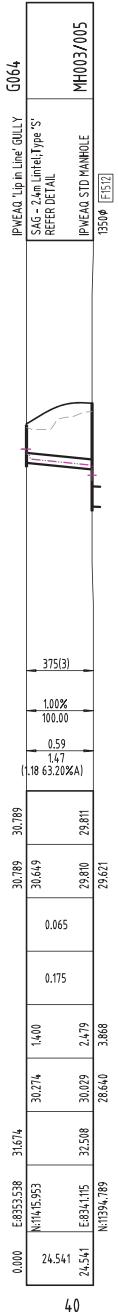
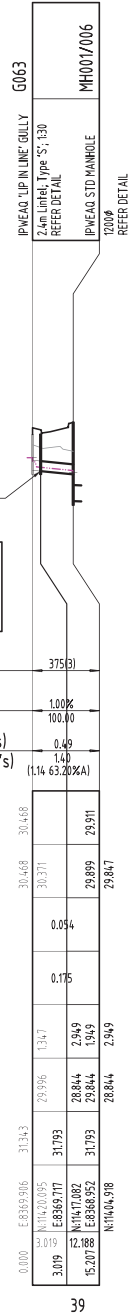
Scale	Sheet	Revision
AS SHOWN	33 of 50	
Drawing No	24-282-132	Revision

PN20241213202 Rivermont P2 ERM Sub A Horizontal Engineering Model V002 SUB AREA 13A-282-133-SW-C-Long Plan by AL on 26/03/2024 3:59:02 PM

STRUCTURE NAME
STRUCTURE DESCRIPTION

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

PIPE SIZEmm (Class)
PIPE GRADE %
PIPE SLOPE 1 in X
FULL PIPE FLOW VELOCITY (m/s)
PART FULL FLOW VELOCITY (m/s)
DATUM RL 16.0
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



COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026

DO NOT SCALE THIS DRAWING
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LOCALITY PLAN

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client

Project

RIVERMONT
RIVERMONT BOULEVARD
ROAD

L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.knigroup.com.au | 07 3017 1900

Approved Director - RPSQ 17544
Mark Shaw RPEQ 17544
Date: 2026.03.29
20:16:14+10:00

Drawing Title

STORMWATER
LONGITUDINAL SECTION
SHEET 5

Drawn	Designed	Checked	Date
DF	VS	MAS	DEC '25

Scale	Sheet
AS SHOWN	34 of 50

Drawing No	Revision
A1	24-282-133

Revision
A

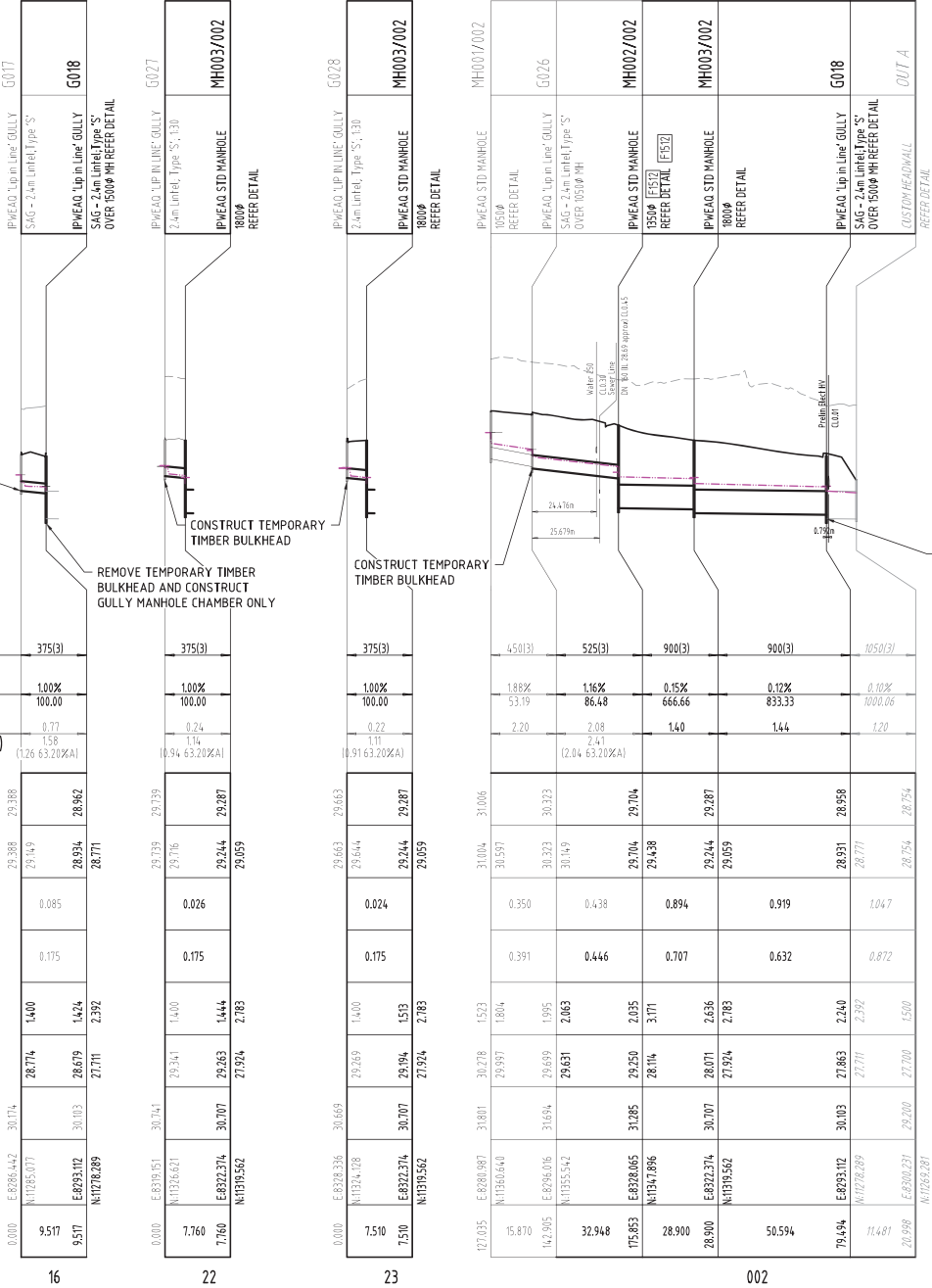


PN2024-03-282 Rivermont P2 EPM Sub A Horizontal Engineering\Assets\N00_008_ARTERIAL_V3-282-03-24-SW-C-Scop_PlanSet by AL on 26/03/2024 3:59:53 PM

STRUCTURE NAME
STRUCTURE DESCRIPTION

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

PIPE SIZEmm (Class)
PIPE GRADE %
PIPE SLOPE 1 in X
FULL PIPE FLOW VELOCITY (m/s)
PART FULL FLOW VELOCITY (m/s)
DATUM RL 16.0
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



COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

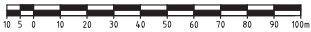
Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026

REMOVE TEMPORARY TIMBER BULKHEAD AND CONSTRUCT GULLY MANHOLE CHAMBER ONLY

SCALE A 1:1000
(Horiz.)



B 1:100
(Vert.)



DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!

LOCALITY PLAN

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	17.12.2025	RP

Client

Project

RIVERMONT
RIVERMONT BOULEVARD ROAD

L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.kngroup.com.au | 07 3017 1900

Approved Director - RPSQ 17544
Mark Shaw RPEQ 17544
Date: 2026.03.29
20:16:14+10:00

Drawing title

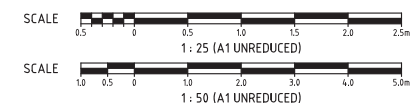
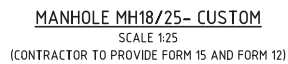
STORMWATER
LONGITUDINAL SECTION
SHEET 6

Drawn	Designed	Checked	Date
DF	VS	MAS	DEC' 25

Scale	Sheet	Revision
AS SHOWN	35 of 50	

Drawing No	Revision
A1	A

Date: 12/06/2026



Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 36 of 50
A1	Drawing No 24-282-135		Revision A

[illegible]

Date: 12/06/2026

M:\2024\24282 Rivermont P2 EMW Sub Arterial\Engineering\Acad\100 SUB ARTERIAL\24-282-139-144-SW-CALCS.dwg Plotted by: AL on 26/03/2026 3:19:20 PM

Date: 12/06/2026



Drawing Title			
STORMWATER CALCULATION TABLE SHEET 3			
Drawn RP	Designed JB	Checked MAS	Date DEC '25
Scale AS SHOWN			Sheet 42 of 50
A1	Drawing No 24-282-141		Revision A

DO NOT SCALE THIS DRAWING IF IN DOUBT - ASK!					
 NORTH					
LOCALITY PLAN					
					
REVISIONS					
No	Description	Date	By		
A	FOR APPROVAL	17.12.2025	RP		
Client					
 Stockland					
Project	RIVERMONT RIVERMONT BOULEVARD ROAD				
 L1, 62 Astor Terrace, Spring Hill, QLD 4000 www.knigroup.com.au 07 3017 1900					
Approved Director - RPEQ 17544  Digitally signed by Mark Shaw RPEQ 17544 Date: 2026.03.29 20:16:19+10'00'					
Drawing Title STORMWATER CALCULATION TABLE SHEET 4					
Drawn RP	Designed JB	Checked MAS	Date DEC' 25		
Scale AS SHOWN			Sheet 43 OF 50		
A1	Drawing No. 24-282-142		Revision A		



Queensland
Government

Date: 12/06/2026

[illegible]

COMPLIANCE APPROVAL
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-488

Condition no: 51

Date: 12/06/2026



CALCULATIONS TABLE

[illegible]

[illegible]

Approval no: DEV-2026-WAR-488
Condition no: 51
Date: 12/06/2026



Queensland
Government

Date: 18th July 2025
Date: 18th July 2025

Project Specific Design Elements:

The following table summarises the safety in design issues considered.

RISK RATING

Issued 18th July 2025 Rev - A



Drawn RP	Designed JB	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 49 of 50
A1	Drawing No 24-282-148		Revision A