



RIVERMONT PRECINCT 3 STAGE 4 - 35 LOTS

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Only Stormwater, Drainage and
Road Works approved.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4891

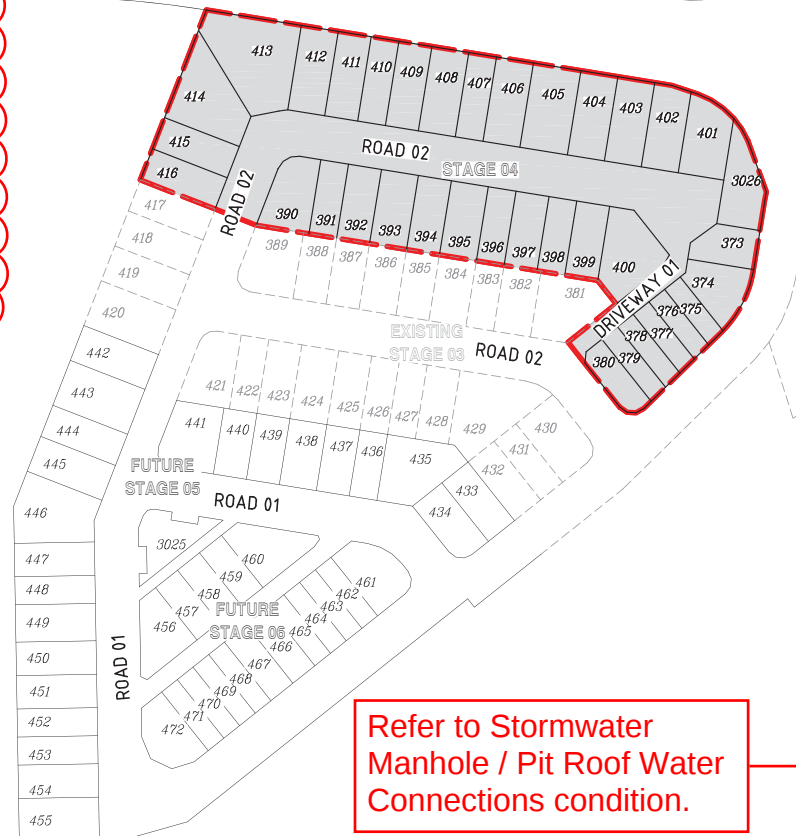
Date: 24/07/2026



AMENDED IN RED

By: Mahima Reshamwala

Date: 24 July 2026



Refer to Stormwater
Manhole / Pit Roof Water
Connections condition.

PLAN
SCALE 1:1000

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 700mm BELOW THE FINISHED PAVEMENT LEVEL SHOWN ON THE DRAWINGS. HE SHALL THEN NOTIFY THE ENGINEER WHO WILL FIX THE PAVEMENT THICKNESS TO BE CONSTRUCTED FOLLOWING THE RESULTS OF SUB-GRADE TESTING.
- 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 STARPICKET AND 2 STRAND WIRE FENCE TO THE PERIMETER OF VEGETATION TO BE RETAINED.

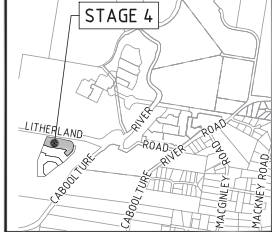
ROOFWATER

- UP V.C. SEWER PIPES TO BE USED SHALL BE --
(a) PIPES - CLASS SH (TO AS 1260)
(b) FITTINGS - CLASS M (TO AS 1260)
- THE MINIMUM COVER TO ALL ROOFWATER DRAINAGE LINES SHALL BE 300mm FOR TRC 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 LAID AT A MINIMUM GRADE OF 1% AND SHALL HAVE A RAINCY 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



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	18.12.2025	RP
B	FOR APPROVAL	30.03.2026	DF



RIVERMONT
PRECINCT 3
STAGE 4

kn
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www.kngroup.com.au | 07 3017 1900

Approved Director - RPEQ 17544
Mark Shaw RPEQ
Date: 2026.03.30
15:32:48+1000'

Drawing Title
GENERAL
LOCALITY PLAN,
DRAWING INDEX AND NOTES

Drawn	Designed	Checked	Date
LNT	VS	MAS	DEC' 25
Scale	Sheet	Revision	
AS SHOWN	01 of 21		
Drawing No	Revision		
A1	24-274-01		B

SCALE
10 5 0 10 20 30 40 50 60 70 80 90 100m
1: 1000 (A1 UNREDUCED)

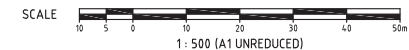
Date: 24/07/2026



PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RADIUS	ARC-LEN	DEF ANGLE
IP 1	0.000	8269.889	11263.800	30.371	315°30'00.00"	-	-	-
TC	11.536	8261.803	11272.028	30.252	315°30'00.00"	-	-	-
IP 2	13.106	8260.701	11273.149	30.254	-	R = 30.000	3.142	6°00'00.00"
CT	14.677	8259.723	11274.379	30.264	321°30'00.00"	-	-	-
TC	33.154	8248.221	11288.839	30.724	321°30'00.00"	-	-	-
IP 1	51.631	8236.719	11303.299	31.184	321°30'00.00"	-	-	-
TC	70.108	8225.217	11317.759	31.644	321°30'00.00"	-	-	-
IP 2	88.585	8213.715	11332.219	32.104	321°30'00.00"	R = 30.000	3.142	6°00'00.00"
CT	107.062	8202.213	11346.679	32.564	321°30'00.00"	-	-	-
TC	125.539	8190.711	11361.139	33.024	321°30'00.00"	-	-	-
IP 1	144.016	8179.209	11375.599	33.484	321°30'00.00"	-	-	-
TC	162.493	8167.707	11390.059	33.944	321°30'00.00"	-	-	-
IP 2	180.970	8156.205	11404.519	34.404	321°30'00.00"	R = 30.000	3.142	6°00'00.00"
CT	199.447	8144.703	11418.979	34.864	321°30'00.00"	-	-	-
TC	217.924	8133.201	11433.439	35.324	321°30'00.00"	-	-	-
IP 1	236.401	8121.699	11447.899	35.784	321°30'00.00"	-	-	-
TC	254.878	8110.197	11462.359	36.244	321°30'00.00"	-	-	-

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RADIUS	ARC-LEN	DEF ANGLE
IP 1	0.000	824.2.919	11293.858	30.936	35°21'34.33"	-	-	-
TC	9.284	824.8.292	11301.429	31.033	35°21'34.33"	-	-	-
IP 2	10.692	824.9.112	11302.585	31.067	-	R = 10.000	2.817	16°08'25.6"
CT	12.101	825.0.222	11303.468	31.100	51°30'00.00"	-	-	-
TC	54.738	8283.590	11330.010	31.913	51°30'00.00"	-	-	-
IP 3	58.432	8286.621	11332.421	31.975	-	R = -10.000	7.389	42°20'00.0"
CT	62.127	8287.238	11336.243	31.994	9°10'00.00"	-	-	-
TC	66.663	8287.960	1134.0.722	31.952	9°10'00.00"	-	-	-
IP 4	67.717	8288.129	11341.769	31.926	-	R = -8.000	2.109	15°06'23.1"
CT	68.772	8288.019	11342.824	31.900	354°03'36.84"	-	-	-
IP 5	71.315	8287.756	11345.353	-	354°03'36.84"	-	-	-

STAGE BOUNDARY
PROPOSED ROAD CENTRELINE



STAGE 4

LITHERLAND

CABODITUNE

RIVER

ROAD

DONES

MACGINLEY ROAD

[illegible]

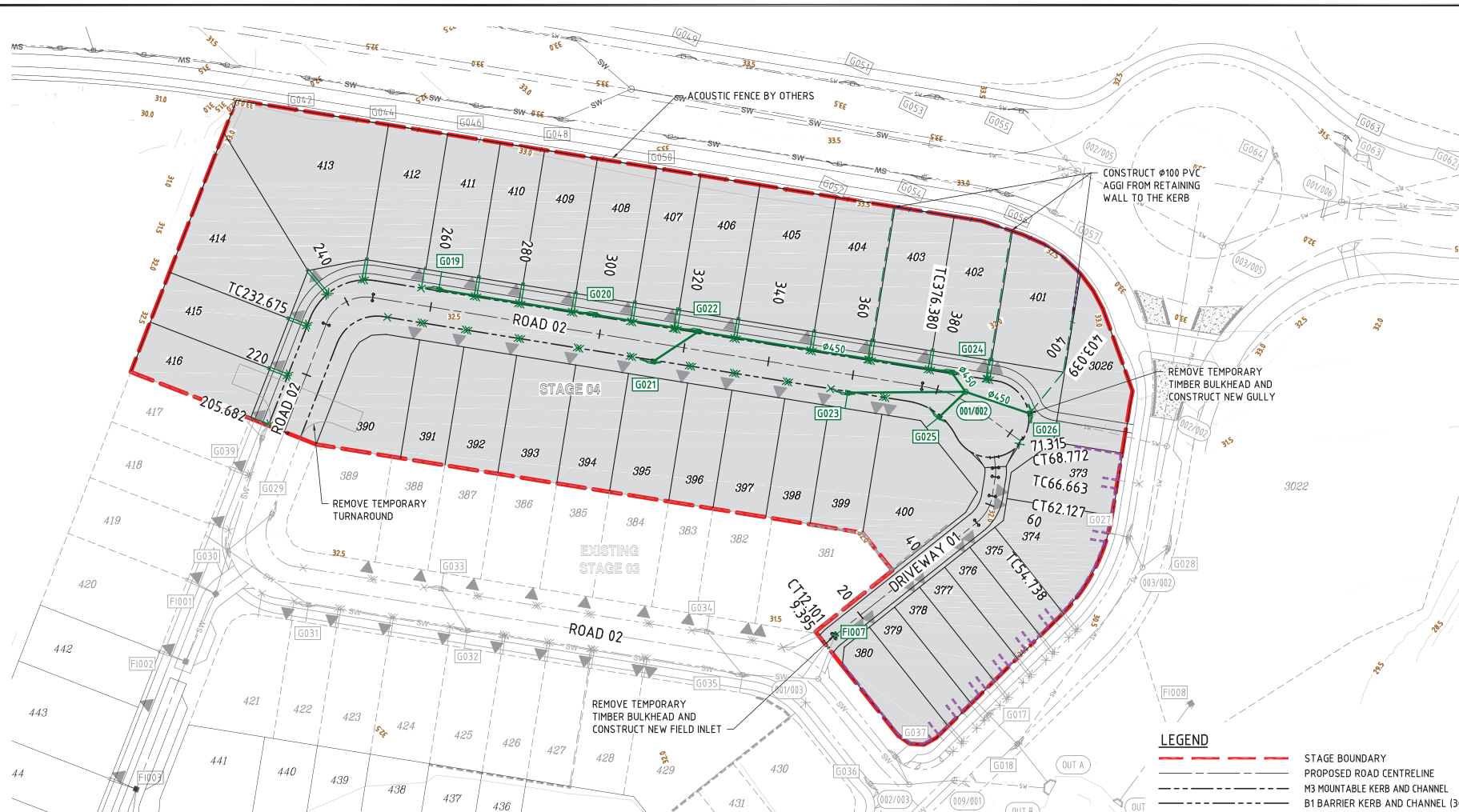
Stockland

RIVERMONT
PRECINCT 3
STAGE 4

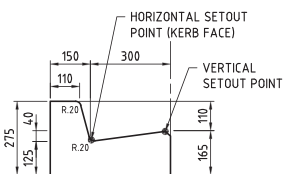
L1, 62 Astor Terrace, Spring Hill, QLD 4000
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Approved Director - RPEO 17544
M. Shaw
 Digitally signed by Mark Shaw RPEQ 17544
 Date: 2026.03.30 15:32:49+10'00'

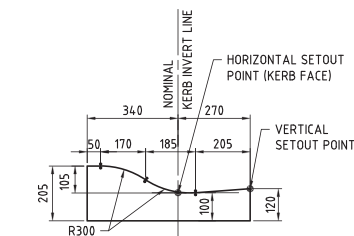
Drawn LNT	Designed VS	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 02 of 21
A1	Drawing No 24-274-02		Revision A



LAYOUT PLAN
SCALE 1:500



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



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

-
- LEGEND**
- STAGE BOUNDARY
 - PROPOSED ROAD CENTRELINE
 - M3 MOUNTABLE KERB AND CHANNEL
 - B1 BARRIER KERB AND CHANNEL (300)
 - B2 BARRIER KERB
 - PROPOSED STORMWATER DRAINAGE
 - RETAINING WALL AGGI SUBSOIL DRAIN
 - CONCRETE BLOCK MASONRY WALL
 - SLEEPER RETAINING WALL
 - EXISTING RETAINING WALL
 - ACOUSTIC FENCE BY OTHERS
 - FINISHED SURFACE CONTOURS
 - STORMWATER MANHOLE NUMBER
 - STORMWATER GULLY PIT NUMBER
 - DRIVEWAY POSITION
 - FLUSHING POINT (SUBDRAIN)
 - 400Ø ROOFWATER CONNECTION TO GULLY PIT/PMH. MIN 450mm COVER IN LOT
 - 400Ø PVC ROOFWATER CONNECTION TO KERB ADAPTOR
 - KERB ADAPTOR LOCATION
 - EXISTING STORMWATER
 - EXISTING WATER MAIN

SCALE 1 : 500 (A1 UNREDUCED)

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4891

Date: 24/07/2026



FIRE ANT TREATMENT ZONE

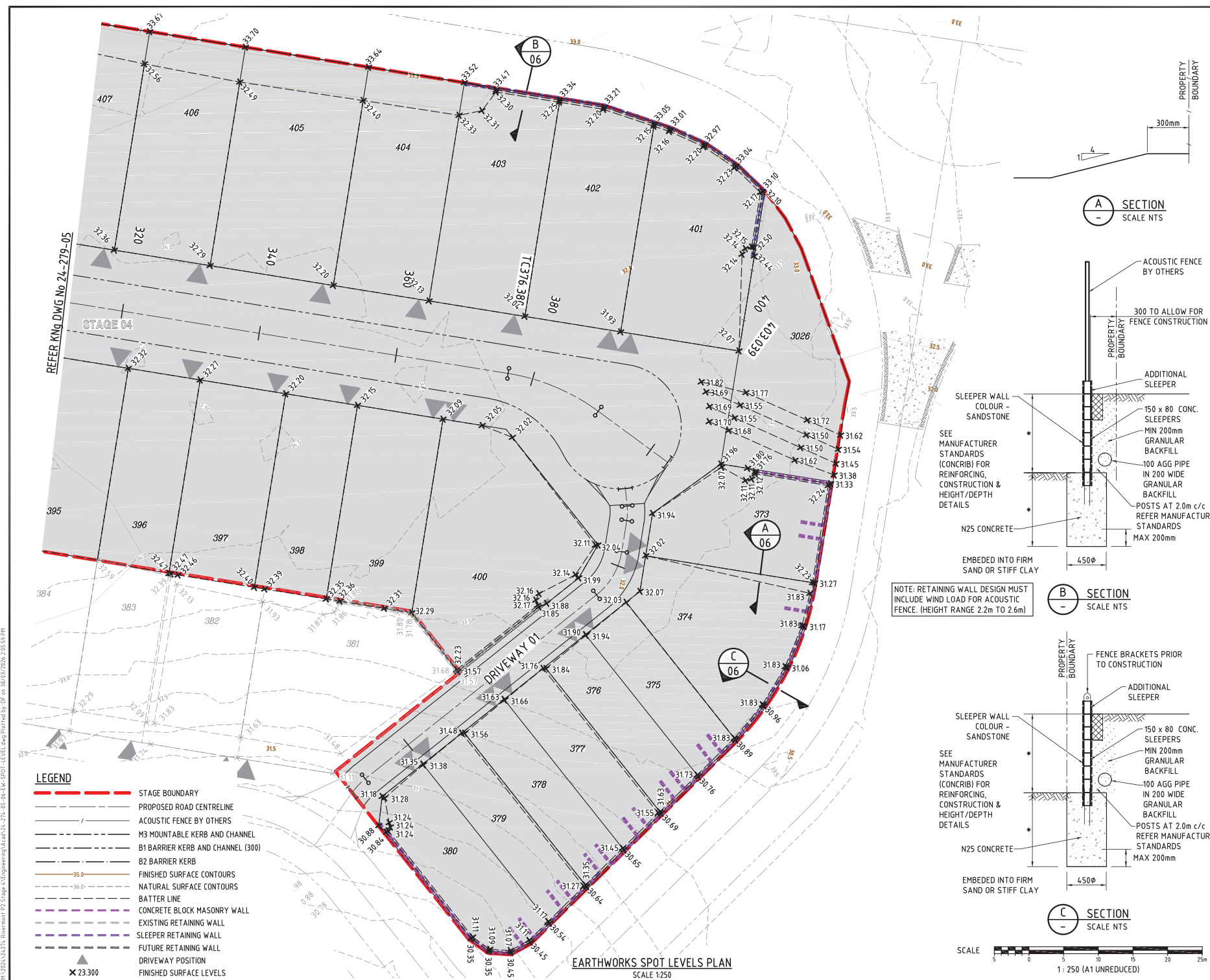
HIGH RISK FIRE ANT RESTRICTED AREA (RED ZONE).
MOVEMENT OF RESTRICTED ITEMS SHALL BE IN
ACCORDANCE WITH DEPARTMENT OF AGRICULTURE,
FISHERIES AND FORESTRY REQUIREMENTS. REFER TO
www.daff.qld.gov.au



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.



Refer to Stormwater
Manhole / Pit Roof Water
Connections condition.



M:\2024\24274 Rivermont P2 Stage 4\Engineering\Acad\24-274-05-EW-SPOT-LEVEL.dwg Plotted by: DF on 30/03/2026 2:05:59 PM

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 $ESA = 1.2 \times 10^3$



Queensland
Government

[illegible]

Stockland

RIVERMONT
PRECINCT 3
STAGE 4

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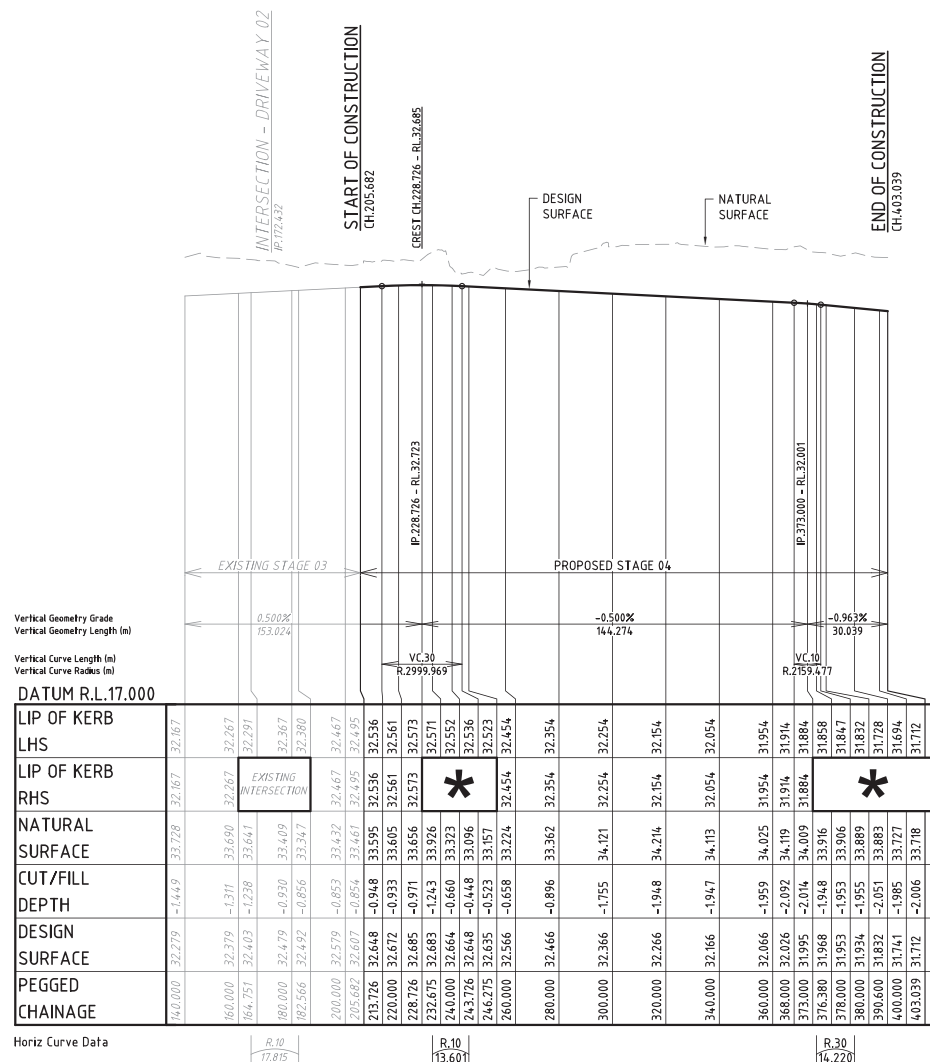
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M. Shaw

Digitally signed by Mark
Shaw RPEQ 17544
Date: 2025.12.18
17:00:02+10'00'

ROADWORKS
LONGITUDINAL SECTION
ROAD 02

Drawn LNT	Designed VS	Checked MAS	Date DEC ' 25
Scale AS SHOWN			Sheet 07 of 2
A1	Drawing No 24-274-07		Revision A



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

* REFER INTERSECTION DETAILS ON
KN DWG 24-274-10.

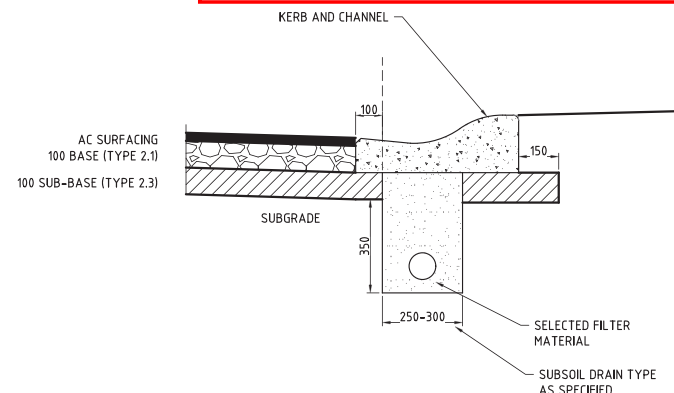
SCALE A 1:1000
(Horiz.)



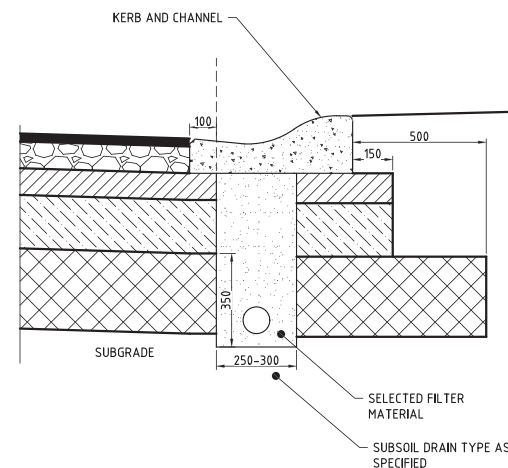
B 1:10
(Vert



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

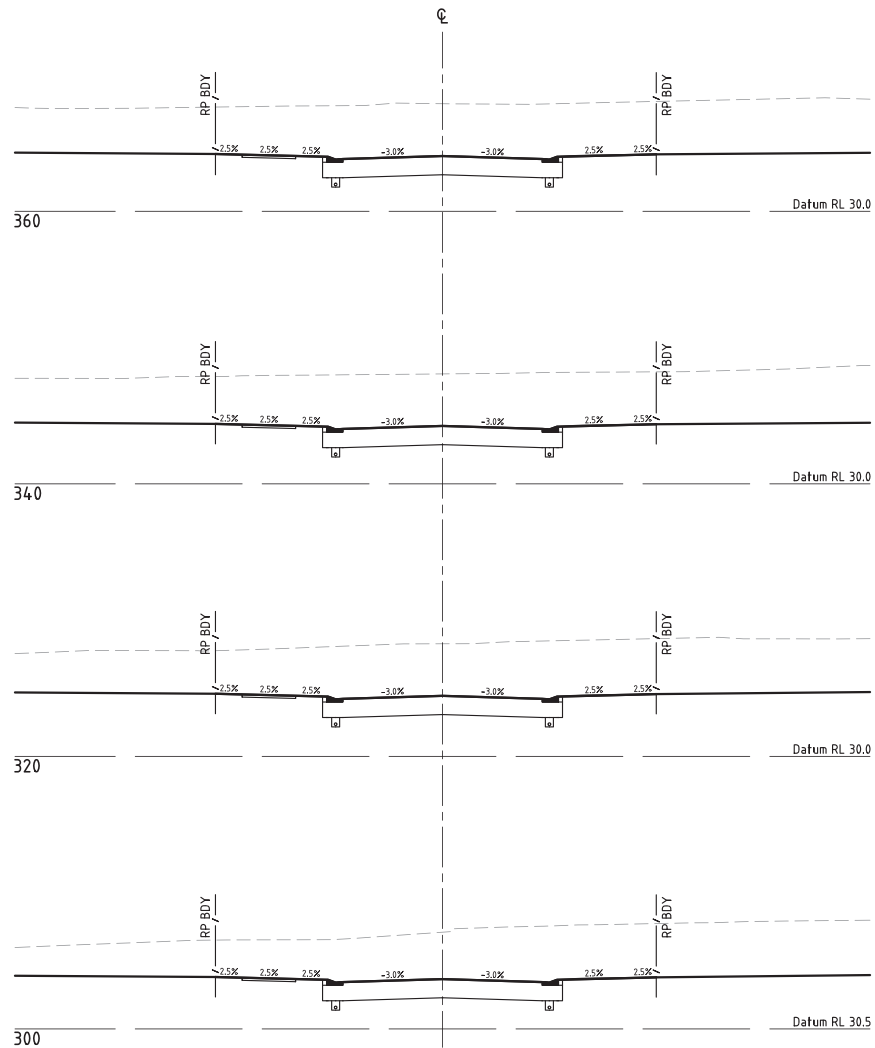


AC SURFACING
100 BASE (TYPE 2.1)
100 SUB-BASE (TYPE 2.3)
200 LOWER SUB-BASE (TYPE 2.5)
300 SUBGRADE REPLACEMENT (CBR 15 MIN.)



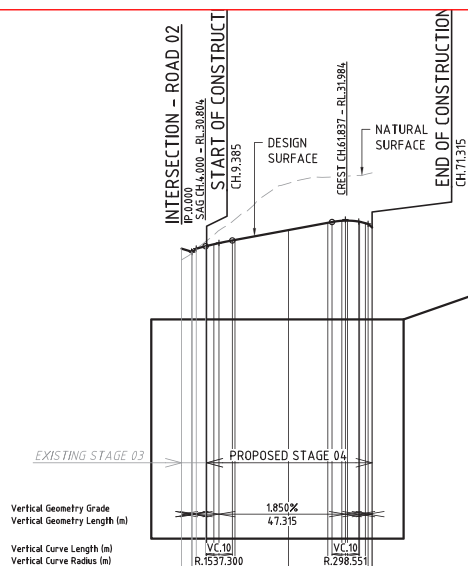
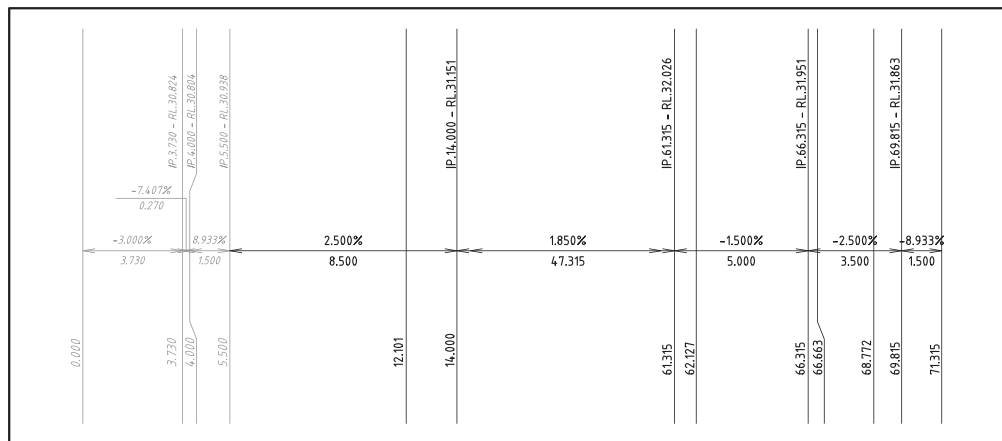
TYPICAL SECTION ROADS $ESa \leq 1.2 \times 10^{-5}$
LESS THAN INSITU CBR 3, SWELLS $> 5\%$

SCALE 1:10



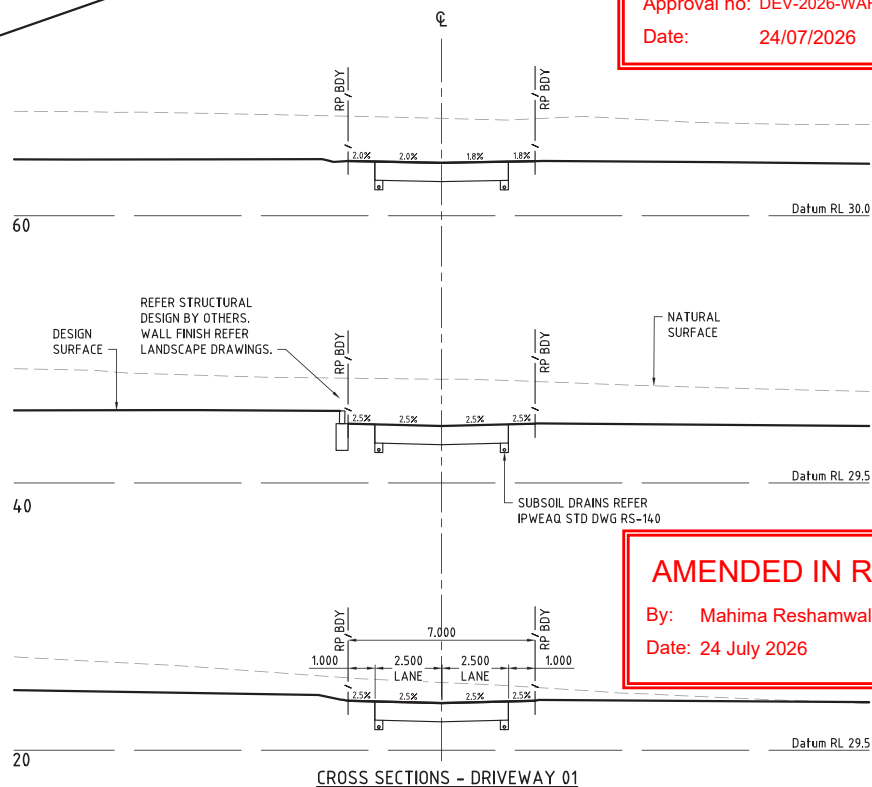
LANEWAY RESIDENTIAL

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

[illegible]

LONGITUDINAL SECTION - DRIVEWAY 01

REFER
INTERSECTION DETAILS ON
KN DWG 24-274-10



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4891

Date: 24/07/2026



AMENDED IN RED

By: Mahima Reshamwala

Date: 24 July 2026



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LOCALITY PLAN



REVISIONS

[illegible]

Project

RIVERMONT
PRECINCT 3
STAGE 4



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Approved Director - DOE/ST&E

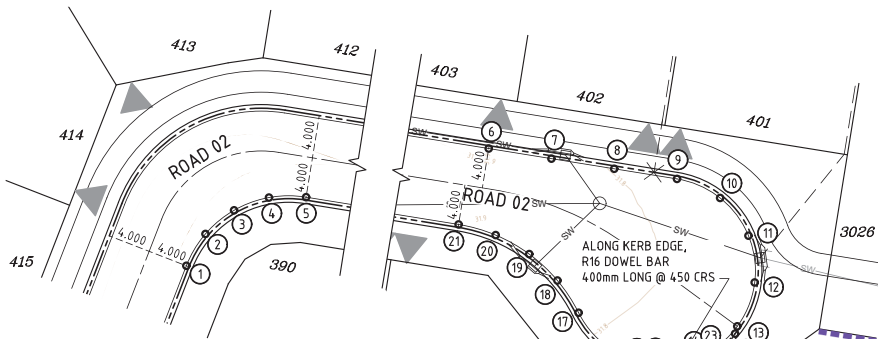
App: M. Shaw

Digitally signed by Mark
Shaw RPEQ 17544
Date: 2025.12.18
17:00:03+10'00'

Drawing Title

ROADWORKS LONG, AND CROSS SECTIONS DRIVEWAY 01

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Scale AS SHOWN			Sheet 09 of 2
A1	Drawing No 24-274-09		Revision A

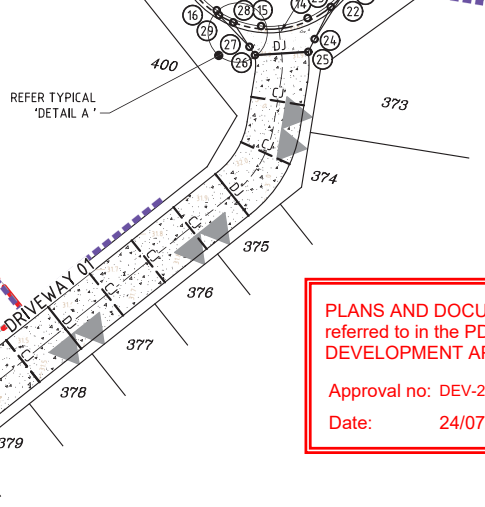


INTERSECTION DETAIL - ROAD 02
SCALE 1:250

SETOUT TABLE

PT No.	EASTING	NORTHING	LEVEL
1	8133.793	11372.059	32.573
2	8135.582	11375.038	32.566
3	8138.262	11377.251	32.548
4	8141.527	11378.442	32.526
5	8145.002	11378.477	32.507

SETOUT TABLE			
PT No.	EASTING	NORTHING	LEVEL
6	8270.601	11365.766	31.864
7	8276.473	11364.819	31.825
8	8282.344	11363.871	31.778
9	8288.216	11362.924	31.730
10	8292.254	11361.142	31.705
11	8294.905	11357.611	31.695
12	8295.489	11353.236	31.696
13	8293.858	11349.134	31.712
14	8290.429	11346.354	31.734
15	8286.079	11345.607	31.757
16	8281.919	11347.084	31.780
17	8279.013	11350.407	31.803
18	8277.031	11353.425	31.821
19	8274.395	11355.892	31.840
20	8271.254	11357.672	31.859
21	8267.783	11358.664	31.877
22	8293.660	11348.450	31.697
23	8292.593	11347.396	31.706
24	8291.089	11344.382	31.857
25	8290.495	11343.192	31.884
26	8285.499	11342.888	31.898
27	8284.987	11343.663	31.883
28	8283.473	11345.953	31.754
29	8282.132	11346.626	31.762



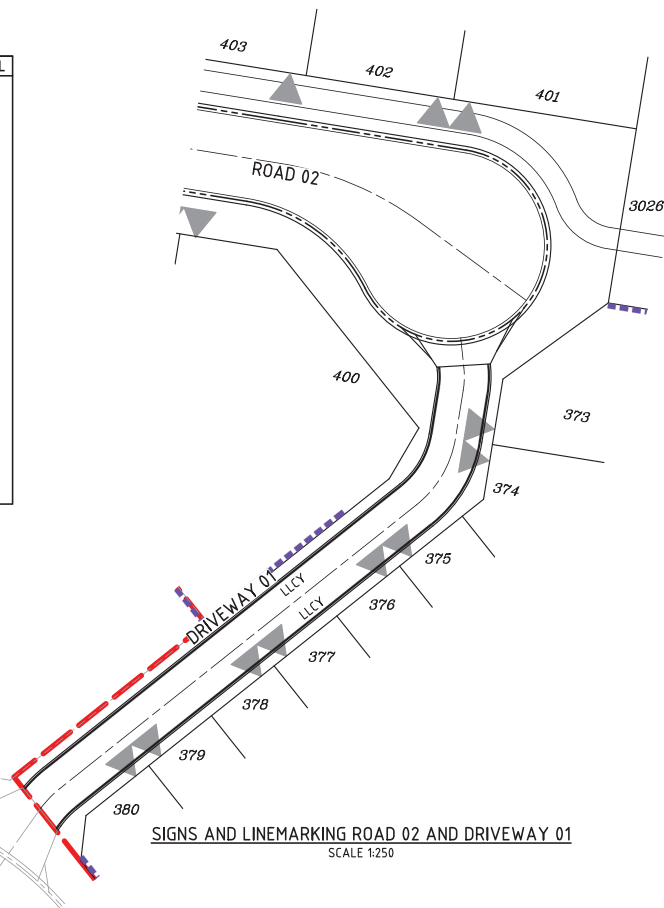
INTERSECTION DETAIL - ROAD 02 AND DRIVEWAY 01
SCALE 1:250

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

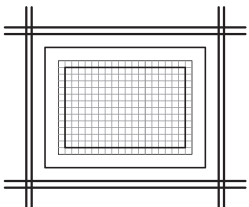
Approval no: DEV-2026-WAR-4891

Date: 24/07/2026

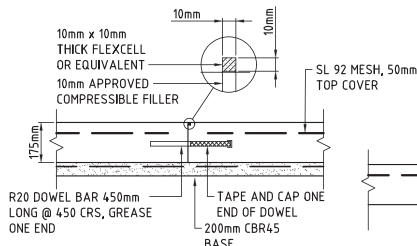
Queensland Government



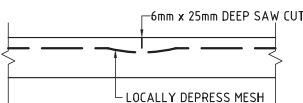
SIGNS AND LINEMARKING ROAD 02 AND DRIVEWAY 01
SCALE 1:250



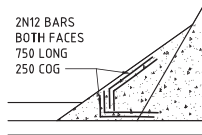
REINFORCING DETAIL AT INLETS
SCALE - NTS



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

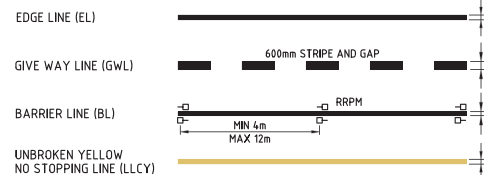


CUT JOINT
DENOTED 'CJ' ON PLAN
SCALE 1:10



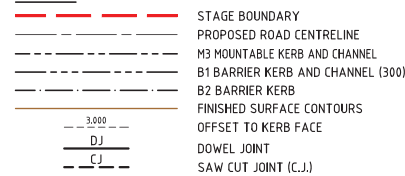
DETAIL A
TYPICAL TREATMENT
N.T.S.

LINEMARKING LEGEND



NOTE- RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPM'S) REQUIRED TO ALL LANE LINES AND ALL PERIMETER OF CHEVRONS AS PER MAIN ROADS 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' (MUTCD).

LEGEND



GENERAL NOTES

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



DO NOT SCALE THIS DRAWING IF IN DOUBT - ASK!

LOCALITY PLAN

STAGE 4

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	18.12.2025	RP

Client

Stockland

Project

RIVERMONT PRECINCT 3 STAGE 4

kn group

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www.kngroup.com.au | 07 3017 1900

Approval: *M. Shaw* Digitally signed by Mark Shaw RPEQ 17544 Date: 2025.12.18 17:00:03+1000'

Drawing title

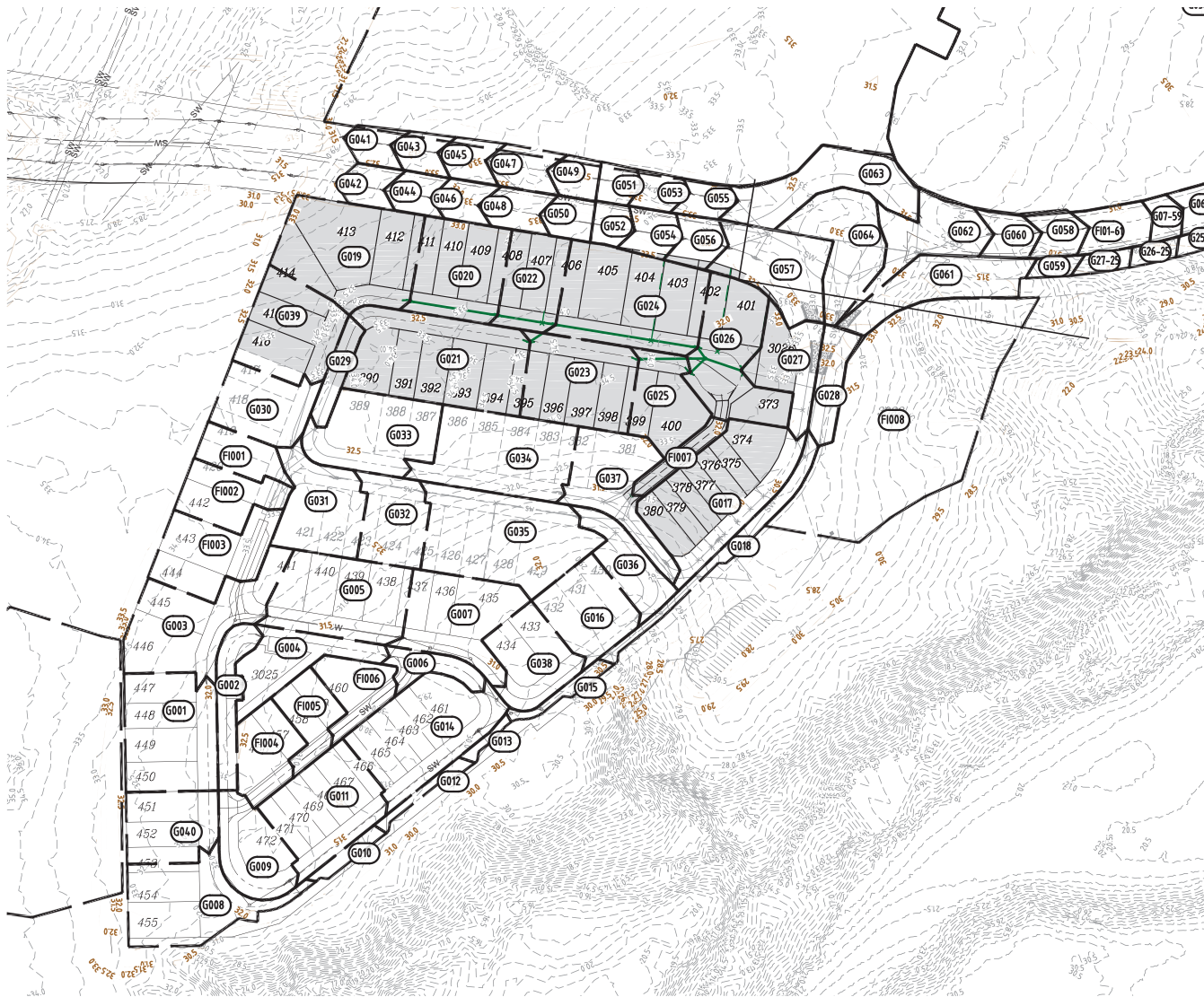
ROADWORKS INTERSECTION DETAILS AND LINEMARKING PLAN

Drawn	Designed	Checked	Date
LNT	VS	MAS	DEC' 25

Scale	Sheet
AS SHOWN	10 of 21

Drawing No	Revision
A1	24-274-10

A



CATCHMENT PLAN
SCALE 1:1000

CATCHMENT TABLE

CATCHMENT NO.	AREA (ha)
G041	0.032
G043	0.033
G045	0.035
G047	0.045
G042	0.034
G044	0.034
G046	0.034
G048	0.042
G019	0.225
G020	0.150
G049	0.031
G051	0.026
G053	0.030
G055	0.030
G050	0.033
G052	0.027
G054	0.039
G056	0.039
G021	0.261
G023	0.165
G025	0.101
G058	0.038
G060	0.038
G062	0.107
G022	0.100
G059	0.016
G061	0.122
G024	0.232
G026	0.166
G057	0.132
G063	0.141
G064	0.131
G027	0.096
G017	0.243
G028	0.058
G015	0.022
EXTD1	1.464

CATCHMENT TABLE

CATCHMENT NO.	AREA (ha)
G018	0.060
F002	0.085
F001	0.057
F003	0.132
G002	0.067
G004	0.101
F004	0.085
F005	0.067
F006	0.071
G001	0.067
G003	0.101
G005	0.184
G008	0.167
G010	0.020
G012	0.019
G013	0.010
G040	0.110
G009	0.105
G011	0.169
G029	0.036
G039	0.150
G030	0.107
G031	0.130
G006	0.043
G014	0.205
G007	0.152
G033	0.153
G032	0.098
G034	0.194
G035	0.240
F007	0.033
G016	0.116
G036	0.079
G038	0.109
G037	0.132
F008	0.586

LEGEND

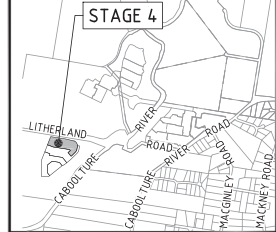
- PROPOSED CATCHMENT BOUNDARY
- EXTERNAL CONTRIBUTING CATCHMENT BOUNDARY
- CATCHMENT NUMBER
- BARRIER KERB AND CHANNEL
- PROPOSED STORMWATER DRAINAGE
- FINISHED SURFACE CONTOURS
- NATURAL SURFACE CONTOURS

SCALE 1 : 1000 (A1 UNREDUCED)

DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



LOCALITY PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	18.12.2025	RP
B	FOR APPROVAL	30.03.2026	DF

Client



Project

RIVERMONT
PRECINCT 3
STAGE 4



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

Approved Director - RPED 17544
Mark Shaw RPEQ
Date: 2026.03.30
15:32:50+1000'

Stormwater
CATCHMENT PLAN

Drawn	Designed	Checked	Date
LNT	VS	MAS	DEC '25
Scale	Sheet	Drawing No	Revision
AS SHOWN	11 of 21	A1	B

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4891

Date: 24/07/2026



Queensland
Government

STRUCTURE NAME	STRUCTURE DESCRIPTION
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REMOVE TEMPORARY
TIMBER BULKHEAD AND
CONSTRUCT NEW FIELD
INLET

NOTE:
F1512 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 18.0

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

[illegible]

4

	0.000	E8208.011	32.87	31779	31644	31779	G021
	N1336.759		30.787	1.400	0.064		PIPE&Q UP IN LINE GULLY 2.4m Intd; Type 'S'; 130 REFER DETAIL
12.631						375(3)	
						0.58	
						0.84%	
						119.19	
12.631	E8278.554	32.41	30.681	1.460	31627		PIPE&Q UP IN LINE GULLY 2.4m Intd; Type 'S'; 130 REFER DETAIL
	N1374.715		30.661	1.480	31536		

18

0.000	E8253.424	31957	31143	31433	31443	31453	31463	31473	31483	31493	31503	31513	31523	31533	31543	31553	31563	31573	31583	31593	31603	31613	31623	31633	31643	31653	31663	31673	31683	31693	31703	31713	31723	31733	31743	31753	31763	31773	31783	31793	31803	31813	31823	31833	31843	31853	31863	31873	31883	31893	31903	31913	31923	31933	31943	31953	31963	31973	31983	31993	32003	32013	32023	32033	32043	32053	32063	32073	32083	32093	32103	32113	32123	32133	32143	32153	32163	32173	32183	32193	32203	32213	32223	32233	32243	32253	32263	32273	32283	32293	32303	32313	32323	32333	32343	32353	32363	32373	32383	32393	32403	32413	32423	32433	32443	32453	32463	32473	32483	32493	32503	32513	32523	32533	32543	32553	32563	32573	32583	32593	32603	32613	32623	32633	32643	32653	32663	32673	32683	32693	32703	32713	32723	32733	32743	32753	32763	32773	32783	32793	32803	32813	32823	32833	32843	32853	32863	32873	32883	32893	32903	32913	32923	32933	32943	32953	32963	32973	32983	32993	33003	33013	33023	33033	33043	33053	33063	33073	33083	33093	33103	33113	33123	33133	33143	33153	33163	33173	33183	33193	33203	33213	33223	33233	33243	33253	33263	33273	33283	33293	33303	33313	33323	33333	33343	33353	33363	33373	33383	33393	33403	33413	33423	33433	33443	33453	33463	33473	33483	33493	33503	33513	33523	33533	33543	33553	33563	33573	33583	33593	33603	33613	33623	33633	33643	33653	33663	33673	33683	33693	33703	33713	33723	33733	33743	33753	33763	33773	33783	33793	33803	33813	33823	33833	33843	33853	33863	33873	33883	33893	33903	33913	33923	33933	33943	33953	33963	33973	33983	33993	34003	34013	34023	34033	34043	34053	34063	34073	34083	34093	34103	34113	34123	34133	34143	34153	34163	34173	34183	34193	34203	34213	34223	34233	34243	34253	34263	34273	34283	34293	34303	34313	34323	34333	34343	34353	34363	34373	34383	34393	34403	34413	34423	34433	34443	34453	34463	34473	34483	34493	34503	34513	34523	34533	34543	34553	34563	34573	34583	34593	34603	34613	34623	34633	34643	34653	34663	34673	34683	34693	34703	34713	34723	34733	34743	34753	34763	34773	34783	34793	34803	34813	34823	34833	34843	34853	34863	34873	34883	34893	34903	34913	34923	34933	34943	34953	34963	34973	34983	34993	35003	35013	35023	35033	35043	35053	35063	35073	35083	35093																																																																																																																																																																																																																																																																																																																																																																																																																															
27.564	N11364.631	30.557	1400	31034	375(3)	100.00	0.52	100%	18.627m	DN 160 ILL 2535 approval CL6.6	31004	31006	0.175	0.058																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

19

[illegible]

20

[illegible]

002

— REMOVE TEMPORARY
TIMBER BULKHEAD AND
CONSTRUCT NEW GULLY
MANHOLE

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4891

Date: 24/07/2026



Approved Director - DDEC STEPS

M. Shaw

Digitally signed by Mark Shaw RPEQ 17544
Date: 2025.12.18 17:00:04+10'00'

Drawing Title

STORMWATER LONG SECTIONS

Drawn LNT	Designed VS	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 13 of 21
A1	Drawing No 24-274-13		Revision A

DO NOT SCALE THIS DRAWING
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LOCALITY PLAN



REVISIONS

[illegible]

Client	
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Project

RIVERMONT
PRECINCT 3
STAGE 4



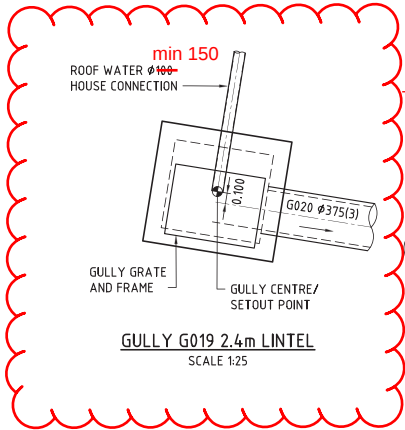
L1, 62 Astor Terrace, Spring Hill, QLD 4000
www.kngroup.com.au | 07 3017 1900

Approved Director - DOE's TEAM

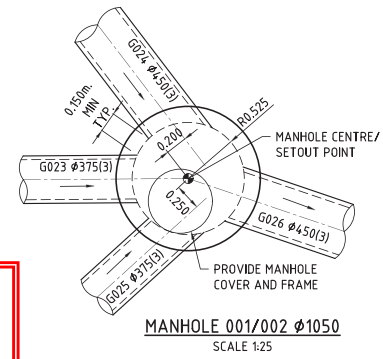
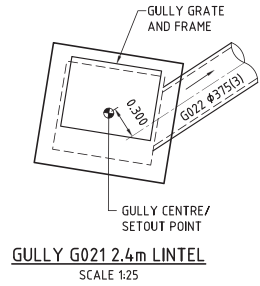
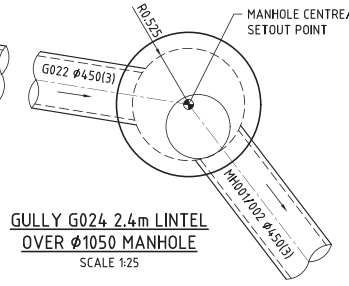
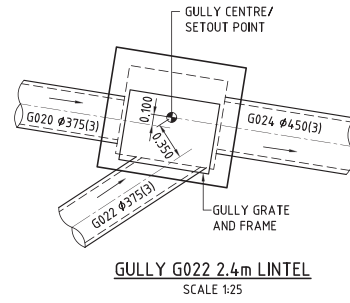
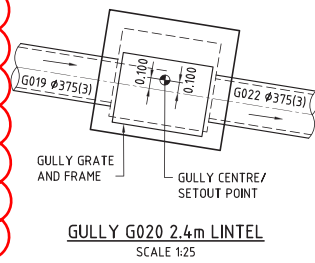
M. Shaw

Digitally signed by Mark
Shaw RPEQ 17544
Date: 2025.12.18
17:00:04+10'00'

PN2024.03.27.1 - Rivermont P3 Stage 4 Engineering Plan (A1) - 27/12/24 - 14:54 - 10 days (Published by A1 on Thu Dec 28 15:43:23 2023)



Refer to Stormwater Manhole / Pit Roof Water Connections condition.



CONSTRUCTION EQUIPMENT	PIPE CLASS	MINIMUM COMPACTION COVER TO PIPE OBVERT								
		375Ø	450Ø	525Ø	600Ø	675Ø	750Ø	825Ø	900Ø	1050Ø-1500Ø
VIBRATORY RAMMER (UP TO 75kg)	2	0.450	0.400	0.400	0.350	0.350	0.300	0.300	0.250	0.250
	3	0.300	0.300	0.300	0.250	0.250	0.200	0.200	0.200	0.200
VIBRATORY TRENCH ROLLER (UP TO 2t)	2	0.400	0.400	0.350	0.250	0.250	0.200	0.200	0.200	0.200
	3	0.250	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
VIBRATORY SMOOTH DRUM (UP TO 7t)	2	0.700	0.700	0.650	0.650	0.650	0.600	0.600	0.400	0.400
	3	0.450	0.450	0.450	0.350	0.350	0.200	0.200	0.200	0.200
VIBRATORY SMOOTH DRUM (UP TO 10t)	2	0.850	0.850	0.800	0.800	0.800	0.750	0.750	0.750	0.750
	3	0.550	0.550	0.500	0.500	0.500	0.200	0.200	0.200	0.200
EXCAVATOR & COMPACTION WHEEL (15t)	2	0.700	0.650	0.650	0.650	0.650	0.600	0.600	0.550	0.550
	3	0.450	0.450	0.450	0.450	0.450	0.350	0.350	0.250	0.250
EXCAVATOR & COMPACTION WHEEL (25t)	2	1.050	1.000	0.950	0.900	0.900	0.850	0.850	0.750	0.750
	3	0.650	0.650	0.650	0.650	0.650	0.600	0.600	0.500	0.500
GRADER (CAT120H) (14.5t)	2	0.600	0.600	0.450	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.600	0.450	0.450	0.200	0.200	0.200	0.200	0.200	0.200
GRADER (CAT140H) (17.0t)	2	0.600	0.600	0.600	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.600	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
SCRAPER (CAT135C11) (27.2t)	2	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.200	0.200
	3	0.600	0.600	0.600	0.600	0.600	0.200	0.200	0.200	0.200
SCRAPER (CAT621F) (53.8t)	2	0.700	0.700	0.650	0.650	0.600	0.600	0.600	0.600	0.600
	3	0.650	0.650	0.600	0.600	0.600	0.600	0.600	0.600	0.600
DOZER (CATD7 G)	2	0.600	0.600	0.600	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
DOZER (CATD9 R)	2	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.200
	3	0.600	0.600	0.600	0.600	0.600	0.200	0.200	0.200	0.200
EXCAVATOR (CAT315B) (15.8t)	2	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
EXCAVATOR (CAT317) (17.3t)	2	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
EXCAVATOR (CAT325B) (25.9t)	2	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
	3	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4891

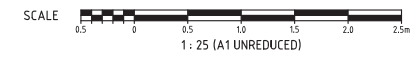
Date: 24/07/2026



AMENDED IN RED

By: Mahima Reshamwala

Date: 24 July 2026



DO NOT SCALE THIS DRAWING IF IN DOUBT - ASK!

LOCALITY PLAN

STAGE 4

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	18.12.2025	RP

Client

Stockland

Project

RIVERMONT PRECINCT 3 STAGE 4

kn group

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

Approved Director - BARRY YEAZ

M. Shaw

Digitally signed by Mark Shaw RPEQ 17544
Date: 2025.12.18 17:00:04+10'00'

Drawing title

STORMWATER MANHOLE DETAILS

Drawn	Designed	Checked	Date
LNT	VS	MAS	DEC' 25

Scale	Sheet
AS SHOWN	14 of 21

Drawing No	Revision
A1	24-274-14

Revision
A

CALCULATIONS TABLE

Date: 24/07/2026



Drawn LNT	Designed VS	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 15 of 21
A1	Drawing No 24-274-15		Revision A

Drawn LNT	Designed VS	Checked MAS	Date DEC' 25
Scale AS SHOWN			Sheet 17 of 23
A1	Drawing No 24-274-17		Revision A

