

WEINAM CREEK PRIORITY DEVELOPMENT

AREA - STAGE 3A

WEINAM CREEK, REDLAND BAY. FOR REDLAND INVESTMENT CORPORATION.

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STANDARD DRAWINGS - REDLAND CITY COUNCIL

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C-1402	SEWER RETICULATION LAYOUT PLAN - SHEET 2
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C-1606	WEINAM STREET NORTH (MC06) CROSS SECTIONS
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C-1703	EROSION & SEDIMENT CONTROL PLAN

STANDARD DRAWINGS - W.S.A.A.

WAT-1201	EMBEDMENT & TRENCHFILL TYPICAL ARRANGEMENT
WAT-1202	STANDARD EMBEDMENT ALL PIPE TYPES
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WAT-1300	VALVE AND HYDRANT IDENTIFICATION MARKERS & MARKER POSTS
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WAT-1303	TYPICAL SURFACE FITTING INSTALLATION GATE VALVE SURFACE BOXES NON TRAFFICABLE
WAT-1305	TYPICAL SURFACE FITTING INSTALLATION HYDRANT SURFACE BOXES TRAFFICABLE AND NON-TRAFFICABLE
WAT-1313	FLANGED JOINTS BOLTING DETAILS

STANDARD DRAWINGS - IPWEAQ

DS-010	STORMWATER ACCESS CHAMBER DETAIL 1050 TO 2100 DIAMETER
DS-011	ACCESS CHAMBER ROOF SLABS DIA 1050 - 2100
DS-013	ACCESS CHAMBER ROOF SLAB - RECTANGULAR STANDARD REINFORCEMENT
DS-019	MANHOLE COVER (ROADWAY) 1050 TO 2100 DIAMETER
DS-030	BEDDING AND BACKFILLING - EXCAVATION, BEDDING AND BACKFILLING OF CONVERT-FIBRE REINFORCED DRAINAGE PIPES
DS-040	SEDIMENT CONTROL DEVICES SEDIMENT FENCE, ENTRY/EXIT SEDIMENT TRAP
DS-041	SEDIMENT CONTROL DEVICES KERB AND FIELD INLETS - CHECK DAMS & STRAW BALES
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DS-063	DRAINAGE PITS KERB INLET-LIP IN LINE GENERAL ARRANGEMENT
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RS-131	ROAD FURNITURE - TRAFFIC SIGN INSTALLATION DETAILS
RS-140	SUBSOIL DRAINS - DETAILS AND LOCATION
RS-170	PAVEMENT EXTENSION - TRENCHING AND WIDENING

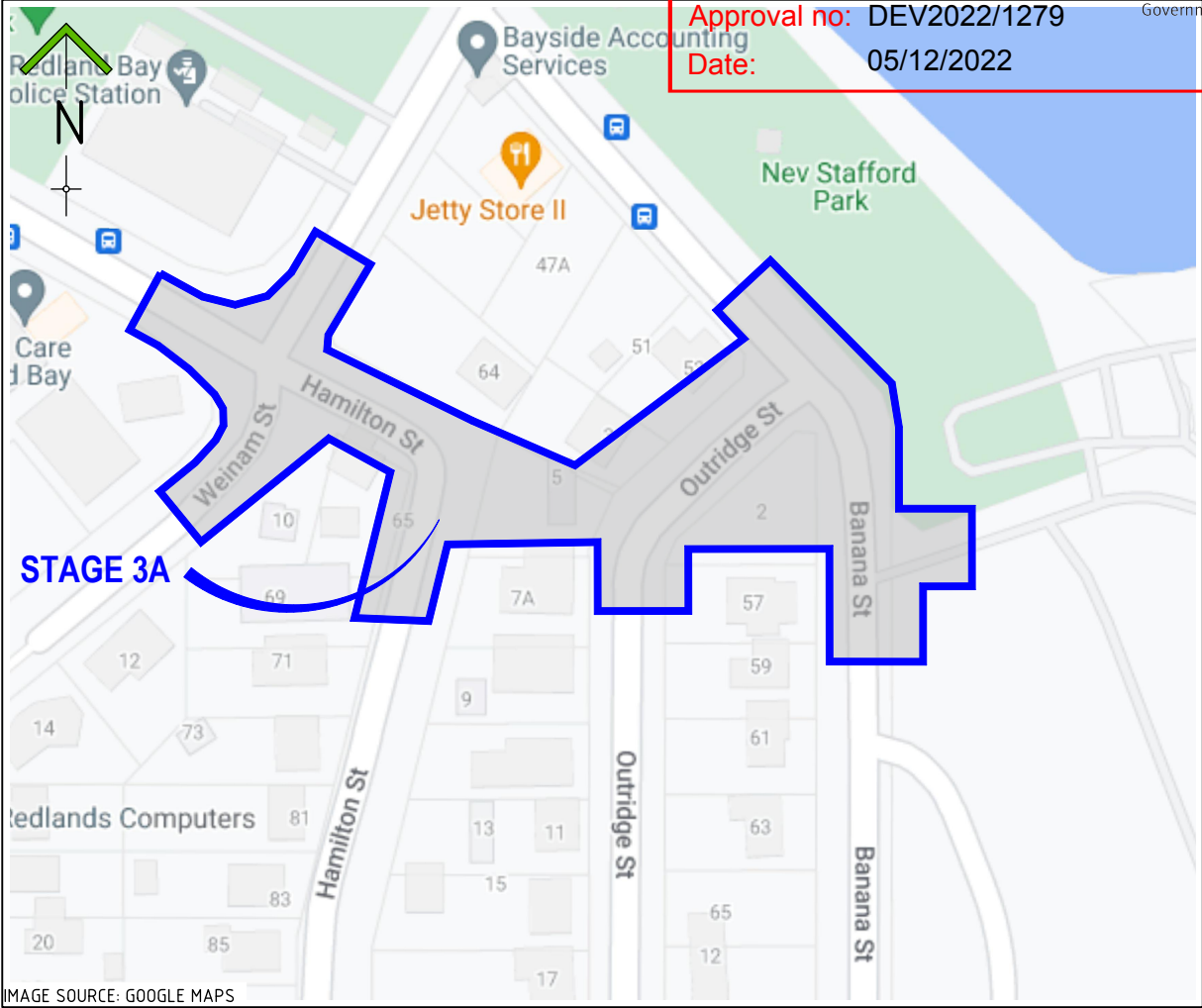


IMAGE SOURCE: GOOGLE MAPS

LOCALITY PLAN

SCALE: NTS

STANDARD DRAWINGS - TMR

SD-1304	PIPE CULVERTS - WINGWALLS, HEADWALLS AND APRON FOR PIPE DIAMETER 750 TO 2400 - DRAWING 1 OF 2 TO 2 OF 2
SD-1305	PIPE CULVERTS - HEADWALL AND APRON FOR PIPE DIAMETER 375 TO 675
SD-1308	ACCESS CHAMBER - ROOF SLABS 1050 TO 2100
SD-1356	ROAD EDGE AND GUIDE POSTS - TIMBER AND TUBULAR STEEL POST AND INSTALLATION DETAILS
SD-1359	CULVERTS - INSTALLATION, BEDDING AND FILLING/BACKFILLING AGAINST/OVER CULVERTS

STANDARD DRAWINGS - TRANS LINK

DRG-5-0022	PTIM, BUS STOP INFRASTRUCTURE CHAPTER INTERMEDIATE STOP - SITE LAYOUT - WITH INDENTED BUS BAY
DRG-5-0025	PTIM, BUS STOP INFRASTRUCTURE CHAPTER INTERMEDIATE STOP - SITE LAYOUT - ACCESS EXAMPLES

THE ORIGINAL PLANS OF THIS PLAN SET WERE PRODUCED USING COLOUR FOR GREATER CLARITY AND OBJECT DEFINITION. WORKING WITH A BLACK AND WHITE COPY MAY CAUSE ERRORS. IF THESE DRAWINGS ARE NOT IN COLOUR THEN YOU ***DO NOT*** HAVE THE CORRECT PRESENTATION AND SHOULD SEEK ADVICE.

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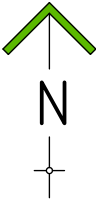
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TITLE: LOCALITY PLAN & DRAWING INDEX	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 1 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1001
	0 1 2 3 4 5

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

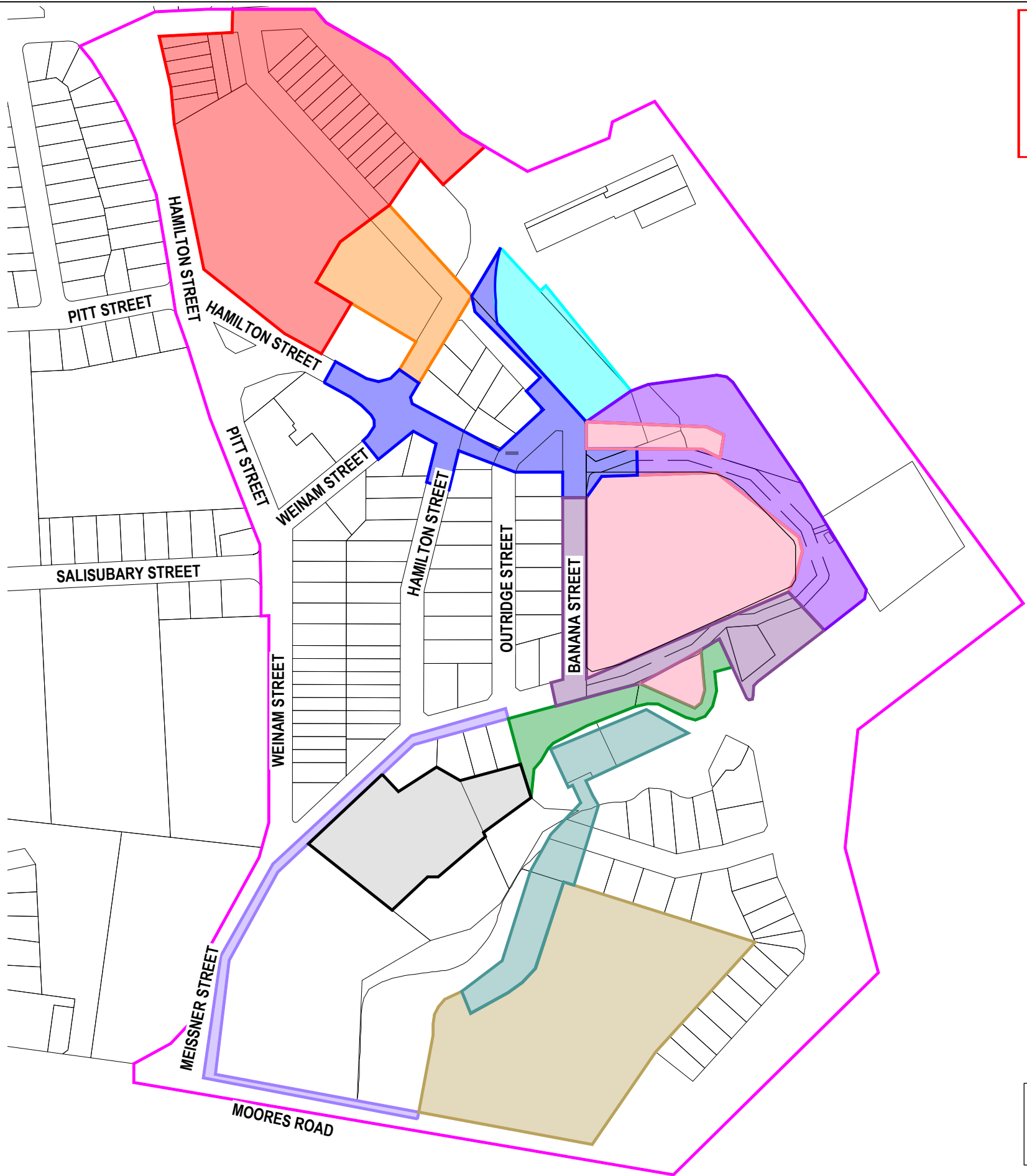
Approval no: DEV2022/1279

Date: 05/12/2022



LEGEND

- STAGE 1
- STAGE 2
- STAGE 3A (CURRENT STAGE)
- STAGE 3B PART A
- STAGE 3B PART B
- STAGE 3C
- STAGE 3D
- STAGE 3E
- STAGE 3F
- STAGE 4
- STAGE 5
- STAGE 6
- PROJECT BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED EASEMENT
- EXISTING LOT BOUNDARY



NOTES:

- ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY
- CONTOURS SHOWN DEPICT EXISTING SURFACE AND ARE AT 0.25m INTERVALS.

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1 RFI RESPONSE	06/10/2022
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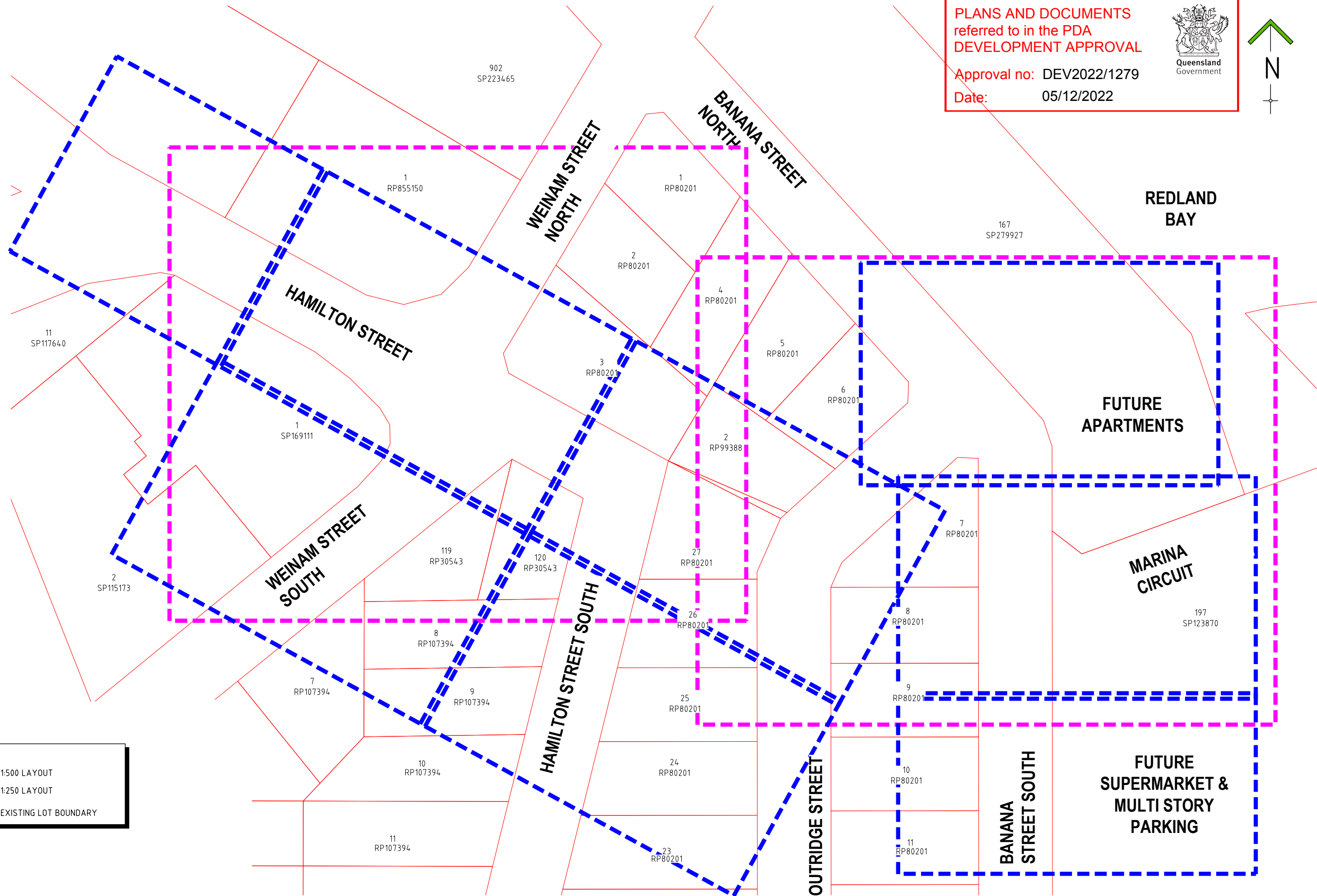
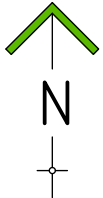
TITLE: KEY PLAN	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 2 of 72 DRAWINGS
	Job No. FC-22-014-3A
	DWG No. C-1002
	0 1 2 3 4 5

PLOT DATE :- 6 October 2022 10:22 AM

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL


Queensland
Government

Approval no: DEV2022/1279
Date: 05/12/2022



LEGEND

1:500 LAYOUT

1:250 LAYOUT

REVISIONS	ISSUE DATE
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TITLE: ESTATE PLAN		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 3 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1003
		0 1 2 3 4 5	

LEGEND

PP	EXISTING POWERPOLE
LP	EXISTING LIGHTPOLE
	EXISTING ELECTRICAL STRUCTURE
E/OH	EXISTING OVER HEAD ELECTRICITY LINE
S150	EXISTING 150Ø GRAVITY SEWER MAIN
WC	EXISTING WATER CONDUIT
W	EXISTING 100Ø WATERMAIN
FH	EXISTING FIRE HYDRANT
SV	EXISTING STOP/SLUICE VALVE
	EXISTING DRAINAGE CHAMBER
D	EXISTING DRAINAGE PIPE
T	EXISTING TELSTRA LINE
	EXISTING TELSTRA OR NBN STRUCTURE
	EXISTING CONCRETE EDGE
	EXISTING GATES
X	EXISTING FENCE
	EXISTING CONTOURS
	EXISTING LOT BOUNDARY
	EXISTING BOTTOM OF BATTER
	EXISTING TOP OF BATTER
	EXISTING KERB AND CHANNEL
	EXISTING ROAD CROWN
	EXISTING ROAD SIGNAGE
	EXISTING PAVEMENT SURFACING
	EXISTING CONCRETE
OR	EXISTING TREE TO RAMIAN
OR	EXISTING TREE TO REMOVE

T

DEPICTS EXISTING TELSTRA SERVICE. ACTUAL LOCATION TO BE CONFIRMED ON SITE. EXTREME CAUTION TO BE TAKEN DURING CONSTRUCTION.

S

DEPICTS EXISTING SEWER SERVICE. ACTUAL LOCATION TO BE CONFIRMED ON SITE. EXTREME CAUTION TO BE TAKEN DURING CONSTRUCTION.

W

DEPICTS EXISTING WATER SERVICE. ACTUAL LOCATION TO BE CONFIRMED ON SITE. EXTREME CAUTION TO BE TAKEN DURING CONSTRUCTION.

E

DEPICTS EXISTING OVERHEAD ELECTRICAL SERVICE. ACTUAL LOCATION TO BE CONFIRMED ON SITE. EXTREME CAUTION TO BE TAKEN DURING CONSTRUCTION.

NOTE:

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OVERHEAD ELECTRICAL NOTE:

EXISTING OVERHEAD ELECTRICITY WITHIN AREA OF WORKS. CARE TO BE TAKEN DURING CONSTRUCTION.

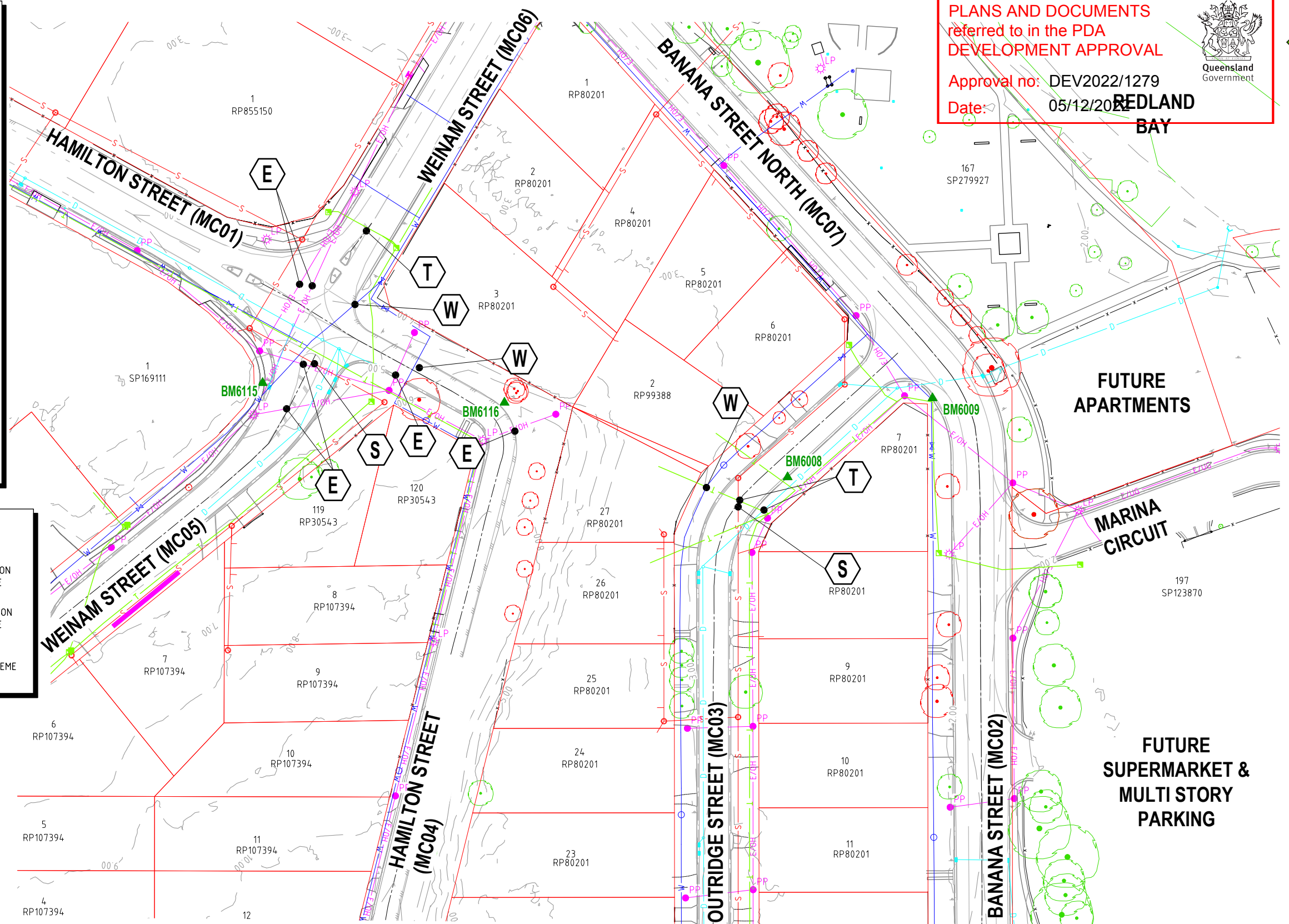
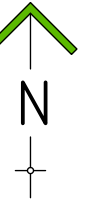
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



REDLAND BAY



FUTURE APARTMENTS

MARINA CIRCUIT

FUTURE SUPERMARKET & MULTI STORY PARKING

SURVEY STATION SETOUT TABLE

STN	EASTING	NORTHING	LEVEL
BM6008	30480.888	143954.685	2.453
BM6009	30515.403	143973.484	2.254
BM6115	30355.892	143977.118	4.499
BM6116	30413.471	143972.428	6.089

REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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RPEQ:26951

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TITLE: EXISTING SITE FEATURES

PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 4 of 72 DRAWINGS

Job No. DWG No.

FC-22-014-3A C-1004

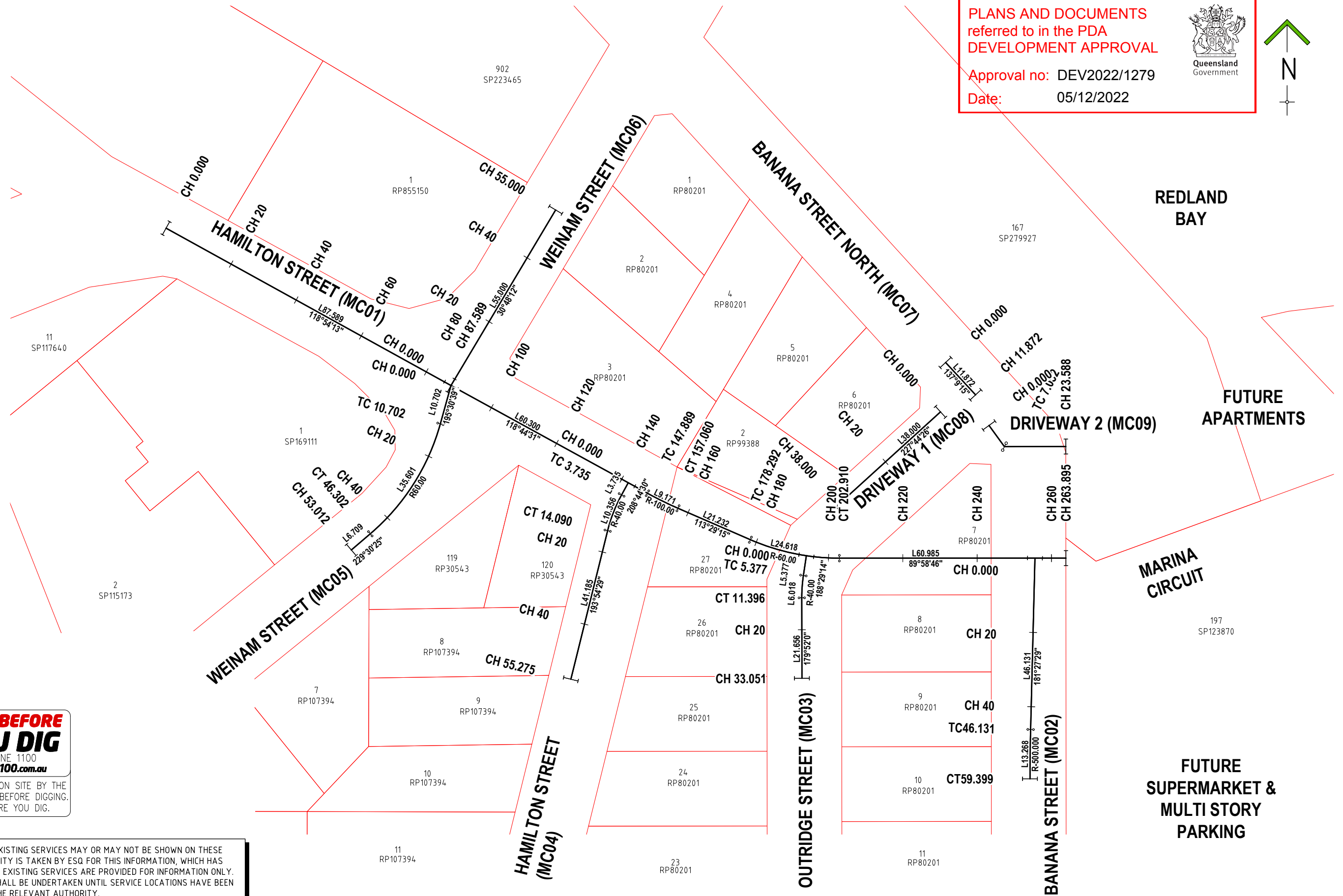
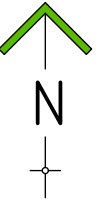
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A3

PLOT DATE :- 6 October 2022 10:22 AM

PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



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Engineering Solutions Qld

REDLAND
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TITLE: CONTROL LINE SETOUT SHEET-1		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 5 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1005
		0 1 2 3 4 5	

HAMILTON STREET (MC01) CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30292.193	144035.662	2.672	118°54'13.35"			
	20.000	30309.702	144025.996	2.789	118°54'13.35"			
	40.000	30327.210	144016.329	3.032	118°54'13.35"			
	60.000	30344.719	144006.662	3.371	118°54'13.35"			
IP 2	80.000	30362.228	143996.995	3.950	118°54'13.35"			
	87.589	30368.871	143993.327	4.191				
	100.000	30379.753	143987.359	4.544	118°44'30.86"			
	120.000	30397.289	143977.742	4.816	118°44'30.86"			
TC	140.000	30414.825	143968.125	4.709	118°44'30.86"			
	147.889	30421.742	143964.331	4.563	118°44'30.86"			
	IP 3	152.475	30425.765	143962.124	4.451	R = -100.000	9.171	5°15'16.18"
	CT	157.060	30429.974	143960.296	4.319			
TC	160.000	30432.670	143959.124	4.224	113°29'14.69"			
	178.292	30449.447	143951.834	3.448	113°29'14.69"			
	180.000	30451.023	143951.175	3.360	111°51'24.00"			
	IP 4	190.601	30460.897	143946.858	2.868	R = -60.000	24.618	23°30'29.07"
CT	200.000	30470.473	143946.932	2.545	92°45'29.06"			
	202.910	30473.382	143946.863	2.466	89°58'45.62"			
	220.000	30490.472	143946.869	2.159	89°58'45.62"			
	240.000	30510.472	143946.876	1.941	89°58'45.62"			
IP 5	260.000	30530.472	143946.883	2.037	89°58'45.62"			
	263.895	30534.367	143946.884	2.073				

BANANA STREET SOUTH (MC02) CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30526.032	143946.882		181°27'28.98"			
	20.000	30525.523	143926.889	2.094	181°27'28.98"			
	40.000	30525.014	143906.895	2.079	181°27'28.98"			
	TC	46.131	30524.858	143900.766	2.048			
IP 2	52.765	30524.689	143894.134	2.015		R = -500.000	13.268	1°31'13.39"
	CT	59.399	30524.696	143887.500	1.982			

OUTRIDGE STREET (MC03) CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30464.504	143947.520	2.773	188°29'14.10"			
	TC	5.377	30463.710	143942.201	2.646			
IP 2	8.387	30463.266	143939.219	2.612		R = -40.000	6.018	8°37'13.73"
	CT	11.396	30463.273	143936.205	2.617			
IP 3	20.000	30463.293	143927.600	2.706	179°52'00.37"			
	33.051	30463.323	143914.549	2.889	179°52'00.37"			

HAMILTON STREET SOUTH (MC04) CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30416.579	143967.163	4.677	208°44'30.45"			
	TC	3.735	30414.783	143963.889	4.584			
IP 2	8.912	30412.279	143959.323	4.674		R = -40.000	10.356	14°50'01.08"
	CT	14.090	30411.027	143954.269	5.164			
IP 3	20.000	30409.607	143948.532	5.902	193°54'29.38"			
	40.000	30404.799	143929.119	8.074	193°54'29.38"			
	55.275	30401.128	143914.291	8.841	193°54'29.38"			

WEINAM STREET SOUTH (MC05) CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30368.871	143993.327	4.191	195°30'38.74"			
	TC	10.702	30366.009	143983.015	4.130			
IP 2	20.000	30362.840	143974.284	4.235	204°23'24.09"			
	28.502	30361.104	143965.342	4.625		R = 60.000	35.601	33°59'46.35"
	40.000	30351.725	143957.768	5.153	223°29'19.03"			
CT	46.302	30347.156	143953.431	5.342	229°30'25.09"			
	IP 3	53.012	30342.054	143949.075	5.457			

WEINAM STREET NORTH (MC06) CONTROL LINE SETOUT					
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30368.871	143993.327	4.191	30°48'11.97"
	20.000	30379.113	144010.506	3.715	30°48'11.97"
	40.000	30389.355	144027.685	3.189	30°48'11.97"
IP 2	55.000	30397.036	144040.569	2.985	30°48'11.97"

BANANA STREET NORTH (MC07) CONTROL LINE SETOUT								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30501.049	144000.481	2.473	137°39'56.62"			
	TC	2.379	30502.651	143998.722	2.461			
IP 2	7.732	30506.295	143994.723	2.434		R = 30.000	10.706	20°26'47.61"
	CT	13.085	30508.312	143989.702	2.408			
IP 3	16.539	30509.599	143986.497		158°06'44.23"			

DRIVEWAY 1 (MC08) CONTROL LINE SETOUT					
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30501.769	143987.297	2.143	227°44'26.46"
	5.000	30498.068	143983.934	2.264	227°44'26.46"
	10.000	30494.368	143980.572	2.299	227°44'26.46"
	15.000	30490.667	143977.209	2.334	227°44'26.46"
	20.000	30486.966	143973.847	2.369	227°44'26.46"
	25.000	30483.266	143970.484	2.404	227°44'26.46"
	30.000	30479.565	143967.122	2.439	227°44'26.46"
	35.000	30475.865	143963.759	2.476	227°44'26.46"
IP 2	39.575	30472.479	143960.683		227°44'26.46"

DRIVEWAY 2 (MC09) CONTROL LINE SETOUT					
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30513.670	143982.580		144°02'11.56"
	5.000	30516.606	143978.533	2.205	144°02'11.56"
IP 2	7.052	30517.811	143976.872	2.110	
	10.000	30520.759	143976.880	1.973	89°51'42.66"
	15.000	30525.759	143976.892	1.860	89°51'42.66"
IP 3	20.000	30530.759	143976.904	1.919	89°51'42.66"
	23.588	30534.347	143976.912		89°51'42.66"

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



REVISIONS		ISSUE DATE
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1	RFI RESPONSE	06/10/2022
0	ISSUE FOR APPROVAL	8/8/2022

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RPEQ:26951	
APPROVED DATE:06/10/22	



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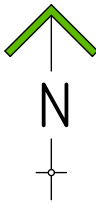
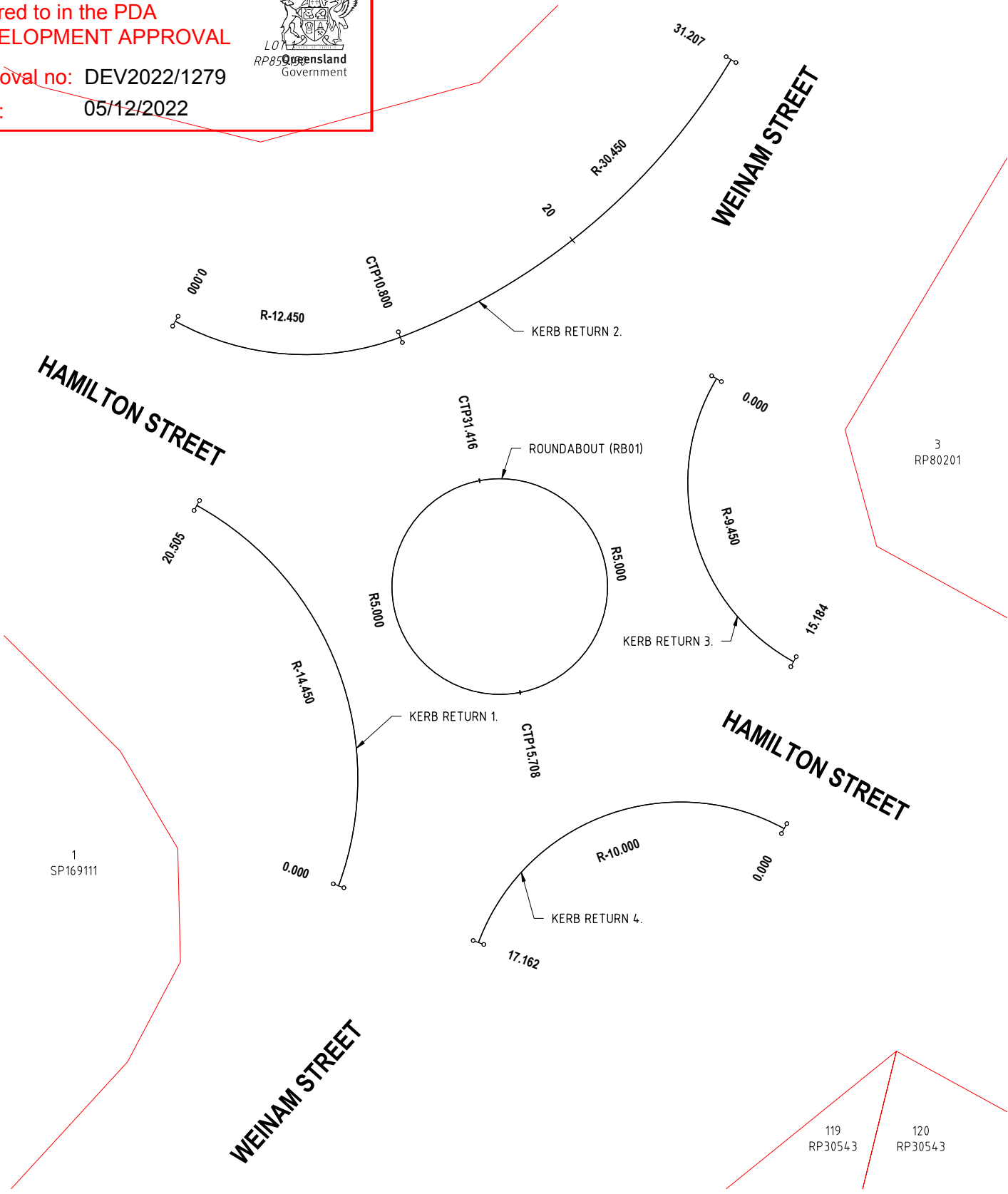
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TITLE: CONTROL LINE SETOUT SHEET-2										A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION										No. 6 of 72 DRAWINGS
Job No. FC-22-014-3A					DWG No. C-1006					
0	1	2	3	4	5					

PLOT DATE: - 6 October 2022 10:22 AM

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



KERB RETURN 1 CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30361.217	143979.545	4.050	20°12'24.32"			
	1.000	30361.530	143980.495	4.037	16°14'29.94"			
	2.000	30361.776	143981.464	4.025	12°16'35.55"			
	3.000	30361.955	143982.447	4.013	8°18'41.17"			
	4.000	30362.065	143983.441	4.001	4°20'46.79"			
	5.000	30362.106	143984.440	3.990	0°22'52.41"			
	6.000	30362.078	143985.439	3.977	356°24'58.03"			
	7.000	30361.981	143986.434	3.963	352°27'03.65"			
	8.000	30361.816	143987.420	3.947	348°29'09.27"			
	9.000	30361.582	143988.393	3.931	344°31'14.89"			
IP 2	10.000	30361.282	143989.346	3.913	340°33'20.51"			
	10.252	30365.503	143991.189	3.908		R = -14.450	20.505	81°18'10.96"
	11.000	30360.917	143990.277	3.894	336°35'26.13"			
	12.000	30360.488	143991.180	3.874	332°37'31.74"			
	13.000	30359.998	143992.052	3.852	328°39'37.36"			
	14.000	30359.449	143992.887	3.829	324°41'42.98"			
	15.000	30358.843	143993.683	3.805	320°43'48.60"			
	16.000	30358.184	143994.434	3.780	316°45'54.22"			
	17.000	30357.474	143995.139	3.753	312°47'59.84"			
	18.000	30356.718	143995.792	3.725	308°50'05.46"			
IP 3	19.000	30355.918	143996.392	3.696	304°52'11.08"			
	20.000	30355.078	143996.935	3.665	300°54'16.70"			
	20.505	30354.641	143997.186	3.650	298°54'13.35"			

KERB RETURN 2 CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30353.645	144005.732	3.498	118°54'17.68"			
	1.000	30354.539	144005.284	3.526	114°18'10.22"			
	2.000	30355.466	144004.910	3.552	109°42'02.77"			
	3.000	30356.420	144004.611	3.575	105°05'55.31"			
	4.000	30357.394	144004.389	3.597	100°29'47.86"			
	5.000	30358.384	144004.247	3.617	95°53'40.40"			
IP 2	5.400	30358.693	144002.945	3.625		R = -12.450	10.800	49°42'09.49"
	6.000	30359.382	144004.184	3.635	91°17'32.95"			
	7.000	30360.381	144004.202	3.651	86°41'25.49"			
	8.000	30361.376	144004.300	3.665	82°05'18.04"			
	9.000	30362.360	144004.477	3.677	77°29'10.59"			
	10.000	30363.327	144004.732	3.686	72°53'03.13"			
CC	10.800	30364.083	144004.992	3.693	69°12'08.19"			
	11.000	30364.270	144005.064	3.694	68°49'33.81"			
	12.000	30365.196	144005.440	3.700	66°56'39.93"			
	13.000	30366.110	144005.847	3.704	65°03'46.04"			
	14.000	30367.009	144006.283	3.706	63°10'52.16"			
	15.000	30367.894	144006.749	3.706	61°17'58.27"			
	16.000	30368.763	144007.244	3.704	59°25'04.38"			
	17.000	30369.616	144007.767	3.700	57°32'10.50"			
	18.000	30370.451	144008.317	3.695	55°39'16.61"			
	19.000	30371.267	144008.895	3.688	53°46'22.73"			
IP 3	20.000	30372.064	144009.499	3.679	51°53'28.84"			
	21.000	30372.840	144010.129	3.669	50°00'34.96"			
	21.004	30373.996	144008.757	3.669		R = -30.450	20.407	38°23'56.07"
	22.000	30373.596	144010.784	3.657	48°07'41.07"			
	23.000	30374.329	144011.463	3.643	46°14'47.19"			
	24.000	30375.040	144012.167	3.628	44°21'53.30"			
	25.000	30375.727	144012.893	3.611	42°28'59.42"			
	26.000	30376.391	144013.641	3.592	40°36'05.53"			
	27.000	30377.029	144014.411	3.572	38°43'11.65"			
	28.000	30377.641	144015.202	3.550	36°50'17.76"			
IP 4	29.000	30378.228	144016.012	3.526	34°57'23.88"			
	30.000	30378.787	144016.840	3.501	33°04'29.99"			
	31.000	30379.319	144017.687	3.474	31°11'36.11"			
	31.207	30379.426	144017.865	3.469	30°48'12.11"			

REVISIONS	ISSUE DATE
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1	RFI RESPONSE 06/10/2022
0	ISSUE FOR APPROVAL 8/8/2022

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TITLE: CONTROL LINE SETOUT SHEET-3

PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 7 of 72 DRAWINGS

Job No. FC-22-014-3A

DWG No. C-1007

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PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022


Queensland
Government

KERB RETURN 3 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30378.752	144003.066	3.872	210°48'11.97"			
	1.000	30378.286	144002.181	3.903	204°44'25.00"			
	2.000	30377.917	144001.253	3.935	198°40'38.04"			
	3.000	30377.647	144000.290	3.969	192°36'51.08"			
	4.000	30377.481	143999.305	4.005	186°33'04.11"			
	5.000	30377.419	143998.307	4.043	180°29'17.15"			
IP 2	6.000	30377.464	143997.308	4.083	174°25'30.19"			
	7.000	30377.613	143996.320	4.124	168°21'43.22"			
	7.592	30373.735	143994.651	4.150		R = -9.450	15.184	92°03'41.11"
	8.000	30377.866	143995.353	4.168	162°17'56.26"			
	9.000	30378.220	143994.418	4.213	156°14'09.29"			
	10.000	30378.671	143993.526	4.260	150°10'22.33"			
IP 3	11.000	30379.213	143992.687	4.309	144°06'35.37"			
	12.000	30379.841	143991.909	4.360	138°02'48.40"			
	13.000	30380.548	143991.202	4.408	131°59'01.44"			
	14.000	30381.325	143990.574	4.446	125°55'14.48"			
	15.000	30382.164	143990.031	4.473	119°51'27.51"			
	15.184	30382.325	143989.941	4.477	118°44'30.86"			

KERB RETURN 4 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30381.889	143982.196	4.548	298°44'30.86"			
	1.000	30380.989	143982.632	4.524	293°00'44.38"			
	2.000	30380.051	143982.977	4.486	287°16'57.90"			
	3.000	30379.083	143983.226	4.435	281°33'11.42"			
	4.000	30378.095	143983.377	4.372	275°49'24.94"			
	5.000	30377.097	143983.428	4.313	270°05'38.46"			
IP 2	6.000	30376.098	143983.380	4.260	264°21'51.98"			
	7.000	30375.110	143983.232	4.212	258°38'05.50"			
	8.000	30374.141	143982.986	4.171	252°54'19.02"			
	8.581	30371.743	143987.760	4.149		R = -10.000	17.162	98°19'54.01"
	9.000	30373.201	143982.645	4.134	247°10'32.54"			
	10.000	30372.300	143982.212	4.104	241°26'46.06"			
IP 3	11.000	30371.447	143981.691	4.079	235°42'59.58"			
	12.000	30370.651	143981.087	4.060	229°59'13.10"			
	13.000	30369.918	143980.407	4.047	224°15'26.61"			
	14.000	30369.257	143979.657	4.039	218°31'40.13"			
	15.000	30368.674	143978.845	4.037	212°47'53.65"			
	16.000	30368.176	143977.979	4.041	207°04'07.17"			
IP 3	17.000	30367.766	143977.067	4.051	201°20'20.69"			
	17.162	30367.708	143976.916	4.053	200°24'36.85"			

ROUNDAABOUT (RB01) CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30367.754	143998.334	4.084				
	1.000	30368.749	143998.423	4.112	90°36'25.62"			
	2.000	30369.741	143998.313	4.142	102°03'58.58"			
	3.000	30370.691	143998.008	4.171	113°31'31.54"			
IP 2	3.927	30372.665	143999.276	4.199		R = 5.000	7.854	90°00'00.00"
	4.000	30371.562	143997.520	4.201	124°59'04.50"			
	5.000	30372.319	143996.869	4.230	136°26'37.46"			
	6.000	30372.931	143996.080	4.259	147°54'10.42"			
CC	7.000	30373.375	143995.186	4.287	159°21'43.38"			
	7.854	30373.606	143994.365	4.307	169°08'52.66"			
	8.000	30373.632	143994.221	4.310	170°49'16.35"			
	9.000	30373.692	143993.225	4.326	182°16'49.31"			
IP 3	10.000	30373.552	143992.236	4.337	193°44'22.27"			
	11.000	30373.220	143991.295	4.342	205°11'55.23"			
	11.781	30374.547	143989.454	4.341		R = 5.000	7.854	90°00'00.00"
	12.000	30372.707	143990.439	4.340	216°39'28.19"			
CC	13.000	30372.034	143989.701	4.333	228°07'01.15"			
	14.000	30371.227	143989.112	4.320	239°34'34.11"			
	15.000	30370.320	143988.695	4.301	251°02'07.07"			
	15.708	30369.637	143988.513	4.284	259°08'52.66"			
IP 4	16.000	30369.349	143988.467	4.277	262°29'40.04"			
	17.000	30368.351	143988.436	4.247	273°57'13.00"			
	18.000	30367.367	143988.604	4.218	285°24'45.96"			
	19.000	30366.436	143988.964	4.188	296°52'18.92"			
CC	19.635	30364.726	143987.572	4.169		R = 5.000	7.854	90°00'00.00"
	20.000	30365.595	143989.501	4.159	308°19'51.88"			
	21.000	30364.877	143990.196	4.129	319°47'24.84"			
	22.000	30364.312	143991.019	4.100	331°14'57.80"			
IP 5	23.000	30363.922	143991.938	4.073	342°42'30.76"			
	23.562	30363.785	143992.482	4.061	349°08'52.66"			
	24.000	30363.721	143992.916	4.053	354°10'03.73"			
	25.000	30363.720	143993.914	4.038	5°37'36.69"			
IP 5	26.000	30363.916	143994.893	4.029	17°05'09.65"			
	27.000	30364.303	143995.813	4.026	28°32'42.61"			
	27.489	30362.844	143997.393	4.027		R = 5.000	7.854	90°00'00.00"
	28.000	30364.866	143996.638	4.029	40°00'15.57"			
IP 5	29.000	30365.580	143997.335	4.038	51°27'48.53"			
	30.000	30366.420	143997.876	4.053	62°55'21.49"			
	31.000	30367.349	143998.239	4.074	74°22'54.45"			

REVISIONS

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1 RFI RESPONSE

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TITLE: CONTROL LINE SETOUT SHEET-4

A3

PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 8 of 72 DRAWINGS

Job No. FC-22-014-3A

DWG No. C-1008

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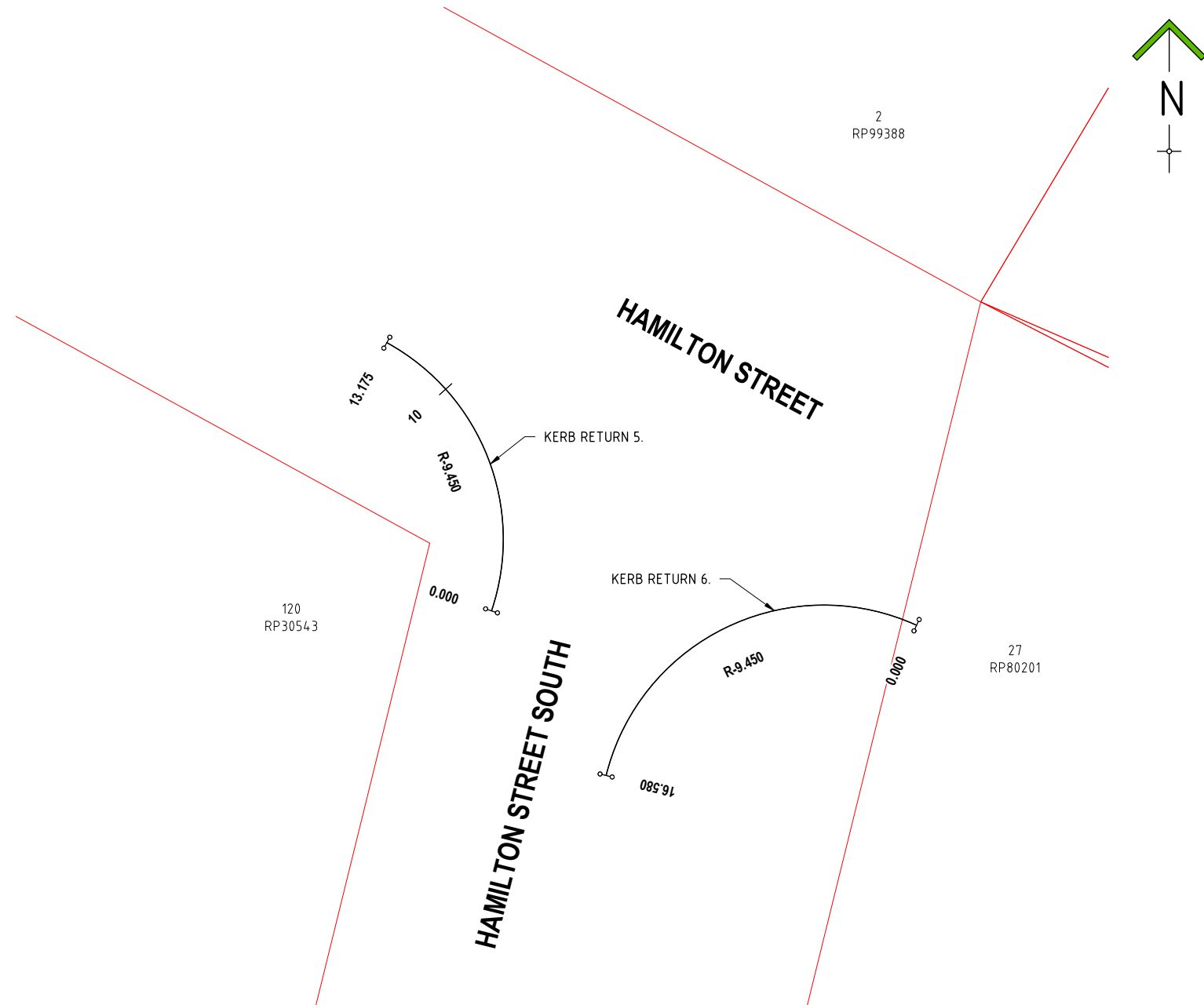
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Approval no: DEV2022/1279

Date: 05/12/2022



KERB RETURN 5 CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30409.106	143958.385	4.732	18°37'20.65"			
	1.000	30409.375	143959.348	4.649	12°33'33.69"			
	2.000	30409.540	143960.334	4.566	6°29'46.73"			
	3.000	30409.600	143961.331	4.502	0°25'59.76"			
	4.000	30409.555	143962.330	4.476	354°22'12.80"			
	5.000	30409.405	143963.318	4.499	348°18'25.83"			
IP 2	6.000	30409.151	143964.285	4.545	342°14'38.87"			
	6.587	30411.633	143965.884	4.570		R = -9.450	13.175	79°52'49.79"
	7.000	30408.796	143965.219	4.586	336°10'51.91"			
	8.000	30408.344	143966.111	4.622	330°07'04.94"			
	9.000	30407.801	143966.950	4.652	324°03'17.98"			
	10.000	30407.173	143967.727	4.677	317°59'31.02"			
IP 3	11.000	30406.465	143968.433	4.696	311°55'44.05"			
	12.000	30405.687	143969.061	4.710	305°51'57.09"			
	13.000	30404.847	143969.603	4.719	299°48'10.13"			
	13.175	30404.695	143969.689	4.720	298°44'30.86"			

KERB RETURN 6 CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30427.016	143957.780	4.281	294°26'02.41"			
	1.000	30426.086	143958.145	4.306	288°22'15.45"			
	2.000	30425.122	143958.409	4.322	282°18'28.48"			
	3.000	30424.135	143958.570	4.339	276°14'41.52"			
	4.000	30423.137	143958.626	4.355	270°10'54.56"			
	5.000	30422.139	143958.577	4.372	264°07'07.59"			
IP 2	6.000	30421.152	143958.422	4.389	258°03'20.63"			
	7.000	30420.186	143958.164	4.405	251°59'33.66"			
	8.000	30419.253	143957.805	4.422	245°55'46.70"			
	8.290	30416.667	143962.482	4.426		R = -9.450	16.580	100°31'33.03"
	9.000	30418.363	143957.349	4.438	239°51'59.74"			
	10.000	30417.527	143956.803	4.457	233°48'12.77"			
IP 3	11.000	30416.752	143956.170	4.506	227°44'25.81"			
	12.000	30416.049	143955.460	4.596	221°40'38.85"			
	13.000	30415.425	143954.679	4.726	215°36'51.88"			
	14.000	30414.887	143953.837	4.894	209°33'04.92"			
	15.000	30414.440	143952.943	5.072	203°29'17.96"			
	16.000	30414.091	143952.006	5.249	197°25'30.99"			
IP 3	16.580	30413.935	143951.448	5.331	193°54'29.38"			

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TITLE: CONTROL LINE SETOUT SHEET-5		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 9 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1009
		0 1 2 3 4 5	

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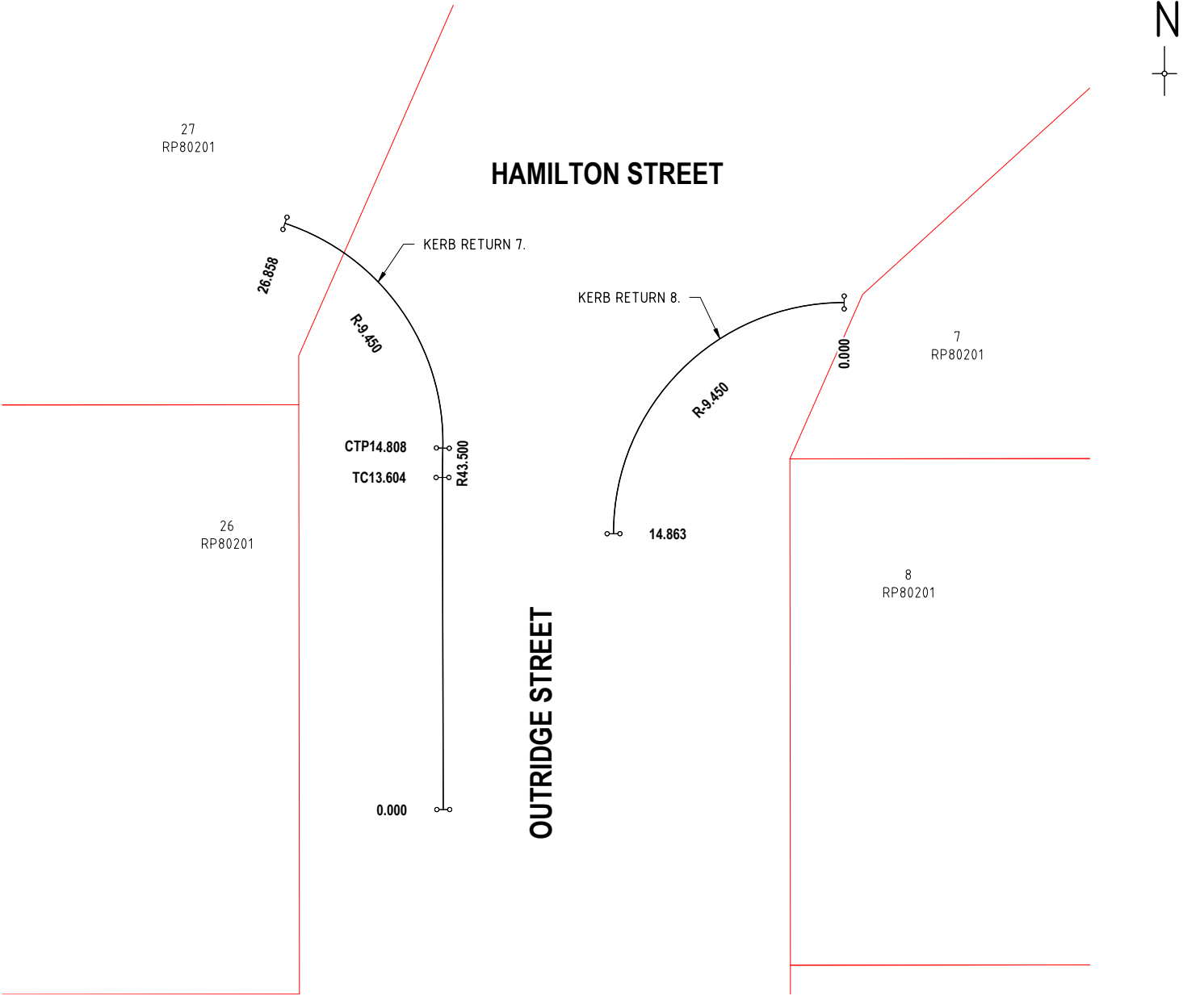
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KERB RETURN 7 CONTROL LINE SETOUT TABLE

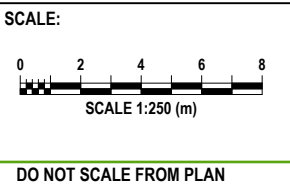
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30459.804	143922.592	2.688	359°52'00.37"			
	1.000	30459.802	143923.592	2.671	359°52'00.37"			
	2.000	30459.800	143924.592	2.647	359°52'00.37"			
	3.000	30459.797	143925.592	2.615	359°52'00.37"			
	4.000	30459.795	143926.592	2.577	359°52'00.37"			
	5.000	30459.793	143927.592	2.541	359°52'00.37"			
	6.000	30459.790	143928.592	2.516	359°52'00.37"			
	7.000	30459.788	143929.592	2.503	359°52'00.37"			
	8.000	30459.786	143930.592	2.502	359°52'00.37"			
	9.000	30459.783	143931.592	2.507	359°52'00.37"			
	10.000	30459.781	143932.592	2.512	359°52'00.37"			
	11.000	30459.779	143933.592	2.517	359°52'00.37"			
	12.000	30459.776	143934.592	2.522	359°52'00.37"			
	13.000	30459.774	143935.592	2.527	359°52'00.37"			
TC	13.604	30459.773	143936.196	2.530	359°52'00.37"			
	14.000	30459.773	143936.592	2.532	0°23'16.34"			
IP 2	14.206	30459.771	143936.798	2.533		R = 43.500	1.204	1°35'09.62"
CC	14.808	30459.786	143937.400	2.536	1°27'09.99"			
	15.000	30459.789	143937.592	2.537	0°17'29.95"			
	16.000	30459.742	143938.590	2.542	354°13'42.99"			
	17.000	30459.589	143939.578	2.547	348°09'56.03"			
	18.000	30459.332	143940.544	2.552	342°06'09.06"			
	19.000	30458.975	143941.478	2.560	336°02'22.10"			
	20.000	30458.521	143942.368	2.598	329°58'35.14"			
IP 3	20.833	30459.964	143944.398	2.658		R = -9.450	12.050	73°03'28.22"
	21.000	30457.976	143943.206	2.673	323°54'48.17"			
	22.000	30457.346	143943.982	2.783	317°51'01.21"			
	23.000	30456.637	143944.686	2.881	311°47'14.25"			
	24.000	30455.857	143945.312	2.952	305°43'27.28"			
	25.000	30455.016	143945.852	3.002	299°39'40.32"			
	26.000	30454.122	143946.300	3.049	293°35'53.36"			
IP 4	26.858	30453.322	143946.607	3.089	288°23'41.77"			

KERB RETURN 8 CONTROL LINE SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30476.224	143943.364	2.312	269°58'45.61"			
	1.000	30475.226	143943.310	2.333	263°54'58.65"			
	2.000	30474.239	143943.152	2.354	257°51'11.68"			
	3.000	30473.275	143942.890	2.374	251°47'24.72"			
	4.000	30472.343	143942.528	2.393	245°43'37.76"			
	5.000	30471.455	143942.070	2.412	239°39'50.79"			
	6.000	30470.620	143941.520	2.430	233°36'03.83"			
	7.000	30469.848	143940.885	2.447	227°32'16.87"			
IP 2	7.431	30466.756	143943.360	2.454		R = -9.450	14.863	90°06'45.24"
	8.000	30469.148	143940.172	2.463	221°28'29.90"			
	9.000	30468.526	143939.389	2.479	215°24'42.94"			
	10.000	30467.991	143938.545	2.493	209°20'55.97"			
	11.000	30467.548	143937.649	2.506	203°17'09.01"			
	12.000	30467.202	143936.712	2.519	197°13'22.05"			
	13.000	30466.957	143935.743	2.530	191°09'35.08"			
	14.000	30466.815	143934.753	2.541	185°05'48.12"			
IP 3	14.863	30466.778	143933.892	2.549	179°52'00.37"			



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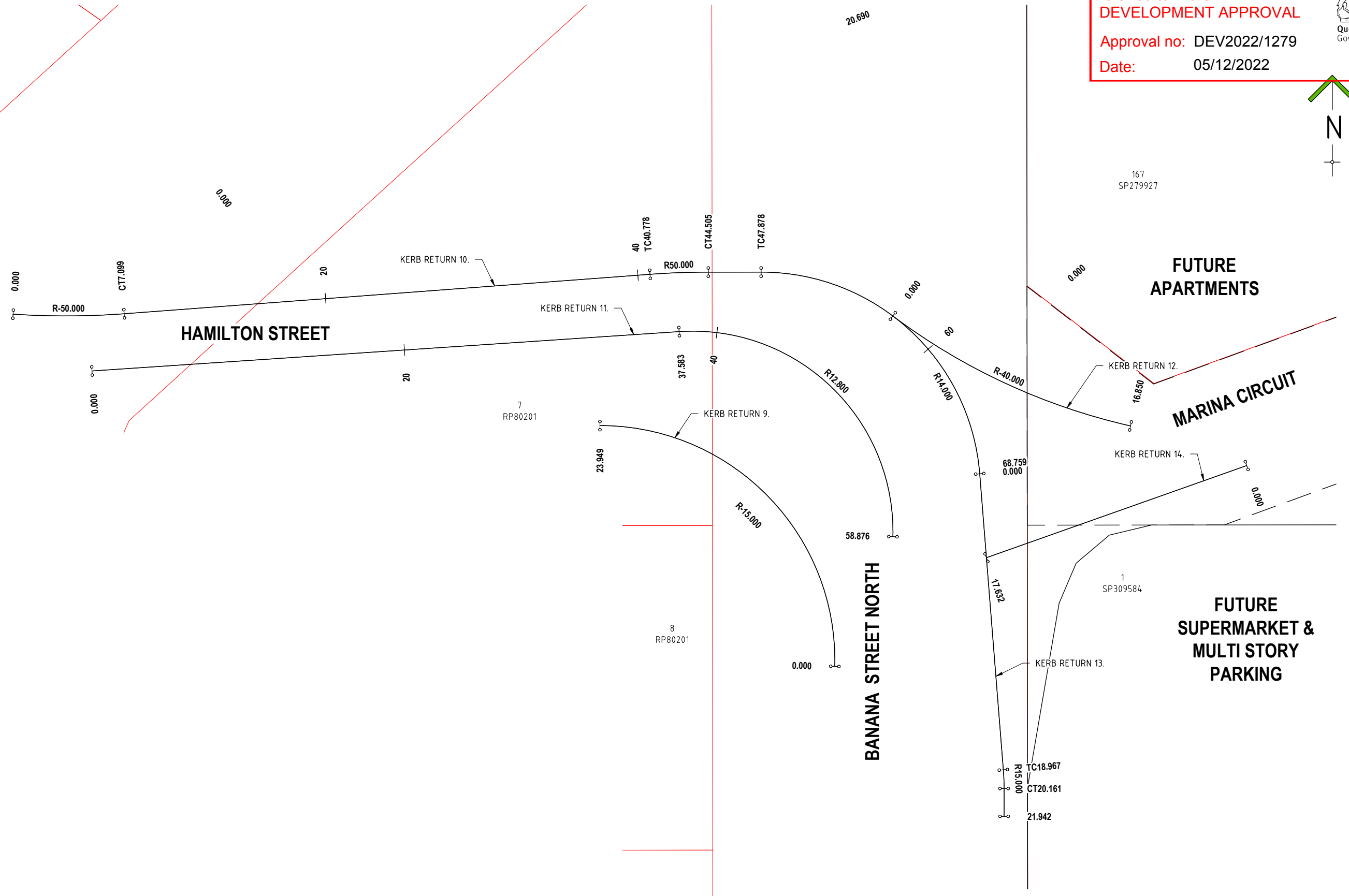
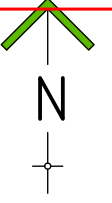
TITLE: CONTROL LINE SETOUT SHEET-6		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 10 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1010
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Date: 05/12/2022



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TITLE: CONTROL LINE SETOUT SHEET-7		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 11 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1011
		0 1 2 3 4 5	

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KERB RETURN 9 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30522.050	14 3927.993	2.002	1°27'28.98"			
	2.000	30521.968	14 3929.990	1.991	353°49'07.00"			
	4.000	30521.620	14 3931.958	1.978	346°10'45.03"			
	6.000	30521.015	14 3933.862	1.962	338°32'23.05"			
	8.000	30520.161	14 3935.670	1.944	330°54'01.08"			
IP 2	10.000	30519.075	14 3937.347	1.924	323°15'39.11"			
	11.975	30522.442	14 3943.380	1.902		R = -15.000	23.949	91°28'43.37"
	12.000	30517.776	14 3938.866	1.902	315°37'17.13"			
	14.000	30516.286	14 3940.198	1.882	307°58'55.16"			
	16.000	30514.632	14 3941.320	1.867	300°20'33.18"			
IP 3	18.000	30512.844	14 3942.212	1.859	292°42'11.21"			
	20.000	30510.953	14 3942.859	1.856	285°03'49.23"			
	22.000	30508.993	14 3943.249	1.860	277°25'27.26"			
	23.949	30507.049	14 3943.375	1.869	269°58'45.61"			

KERB RETURN 10 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30469.572	14 3950.490		93°50'39.87"			
	2.000	30471.569	14 3950.395		91°33'09.28"			
IP 2	3.550	30473.119	14 3950.251			R = -50.000	7.099	8°08'06.66"
	4.000	30473.569	14 3950.381		89°15'38.69"			
CT	6.000	30475.568	14 3950.447	2.326	86°58'08.10"			
	7.099	30476.665	14 3950.517	2.306	85°42'33.21"			
	8.000	30477.563	14 3950.585	2.290	85°42'33.21"			
	10.000	30479.557	14 3950.734	2.254	85°42'33.21"			
	12.000	30481.552	14 3950.884	2.219	85°42'33.21"			
	14.000	30483.546	14 3951.034	2.191	85°42'33.21"			
	16.000	30485.541	14 3951.183	2.162	85°42'33.21"			
	18.000	30487.535	14 3951.333	2.134	85°42'33.21"			
	20.000	30489.529	14 3951.482	2.105	85°42'33.21"			
	22.000	30491.524	14 3951.632	2.077	85°42'33.21"			
	24.000	30493.518	14 3951.782	2.048	85°42'33.21"			
	26.000	30495.513	14 3951.931	2.021	85°42'33.21"			
	28.000	30497.507	14 3952.081	1.998	85°42'33.21"			
	30.000	30499.501	14 3952.231	1.976	85°42'33.21"			
	32.000	30501.496	14 3952.380	1.953	85°42'33.21"			
	34.000	30503.490	14 3952.530	1.930	85°42'33.21"			
	36.000	30505.485	14 3952.680	1.908	85°42'33.21"			
	38.000	30507.479	14 3952.829	1.890	85°42'33.21"			
TC	40.000	30509.473	14 3952.979	1.874	85°42'33.21"			
	40.778	30510.250	14 3953.037	1.869	85°42'33.21"			
IP 3	42.000	30511.469	14 3953.114	1.862	87°06'32.57"			
	42.642	30512.108	14 3953.177	1.859		R = 50.000	3.726	4°16'12.24"
CT	44.000	30513.468	14 3953.174	1.853	89°24'03.17"			
	44.505	30513.972	14 3953.177	1.852	89°58'45.45"			
TC	46.000	30515.468	14 3953.178	1.848	89°58'45.45"			
	47.878	30517.346	14 3953.178	1.845	89°58'45.45"			
	48.000	30517.468	14 3953.178	1.845	90°28'36.47"			
	50.000	30519.460	14 3953.019	1.846	98°39'42.87"			
	52.000	30521.409	14 3952.578	1.851	106°50'49.27"			
	54.000	30523.275	14 3951.863	1.858	115°01'55.67"			
	56.000	30525.021	14 3950.891	1.868	123°13'02.07"			
	58.000	30526.610	14 3949.680	1.878	131°24'08.47"			
IP 4	60.000	30528.011	14 3948.254	1.888	139°35'14.87"			
	60.069	30533.966	14 3953.184	1.888		R = 14.000	24.381	99°46'49.80"
	62.000	30529.194	14 3946.644	1.898	147°46'21.27"			
	64.000	30530.137	14 3944.882	1.908	155°57'27.67"			
	66.000	30530.818	14 3943.004	1.918	164°08'34.07"			
	68.000	30531.226	14 3941.047	1.928	172°19'40.47"			
	70.000	30531.351	14 3939.053	1.938	180°30'46.88"			

KERB RETURN 11 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30474.609	14 3946.863	2.436	86°09'54.94"			
	2.000	30476.605	14 3946.997	2.400	86°09'54.94"			
	4.000	30478.600	14 3947.130	2.364	86°09'54.94"			
	6.000	30480.596	14 3947.264	2.328	86°09'54.94"			
	8.000	30482.591	14 3947.398	2.296	86°09'54.94"			
	10.000	30484.587	14 3947.532	2.268	86°09'54.94"			
	12.000	30486.582	14 3947.665	2.240	86°09'54.94"			
	14.000	30488.578	14 3947.799	2.212	86°09'54.94"			
	16.000	30490.574	14 3947.933	2.184	86°09'54.94"			
	18.000	30492.569	14 3948.067	2.156	86°09'54.94"			
	20.000	30494.565	14 3948.201	2.128	86°09'54.94"			
	22.000	30496.560	14 3948.334	2.104	86°09'54.94"			
	24.000	30498.556	14 3948.468	2.081	86°09'54.94"			
	26.000	30500.551	14 3948.602	2.059	86°09'54.94"			
	28.000	30502.547	14 3948.736	2.037	86°09'54.94"			
IP 2	30.000	30504.542	14 3948.869	2.018	86°09'54.94"			
	32.000	30506.538	14 3949.003	2.002	86°09'54.94"			
	34.000	30508.533	14 3949.137	1.990	86°09'54.94"			
	36.000	30510.529	14 3949.271	1.980	86°09'54.94"			
	37.583	30512.108	14 3949.376	1.975				
	38.000	30512.525	14 3949.398	1.974	88°01'25.05"			
	40.000	30514.521	14 3949.310	1.972	96°58'33.93"			
	42.000	30516.479	14 3948.914	1.972	105°55'42.81"			
	44.000	30518.351	14 3948.217	1.976	114°52'51.68"			
	46.000	30520.093	14 3947.238	1.983	123°50'00.56"			
	48.000	30521.661	14 3945.999	1.993	132°47'09.43"			
IP 3	48.229	30526.122	14 3950.318	1.994		R = 12.800	21.292	95°18'34.34"
	50.000	30523.017	14 3944.532	2.003	141°44'18.31"			
	52.000	30524.128	14 3942.871	2.013	150°41'27.18"			
	54.000	30524.967	14 3941.058	2.023	159°38'36.06"			
	56.000	30525.513	14 3939.136	2.033	168°35'44.94"			
IP 4	58.000	30525.754	14 3937.153	2.044	177°32'53.81"			
	58.876	30525.762	14 3936.277	2.048	181°28'03.55"			

KERB RETURN 12 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30525.756	14 3950.375	1.872	126°53'45.46"			
	1.000	30526.563	14 3949.784	1.877	125°27'48.84"			
	2.000	30527.385	14 3949.214	1.882	124°01'52.22"			
	3.000	30528.221	14 3948.665	1.887	122°35'55.60"			
	4.000	30529.070	14 3948.137	1.892	121°09'58.98"			
	5.000	30529.932	14 3947.630	1.897	119°44'02.36"			
	6.000	30530.806	14 3947.145	1.902	118°18'05.74"			
	7.000	30531.693	14 3946.682	1.907	116°52'09.12"			
	8.000	30532.590	14 3946.241	1.912	115°26'12.50"			
	8.425	30532.595	14 3945.240	1.915		R = -40.000	16.850	24°08'10.18"
	9.000	30533.499	14 3945.823	1.917	114°00'15.88"			
	10.000	30534.417	14 3945.428	1.922	112°34'19.26"			
	11.000	30535.345	14 3945.055	1.935	111°08'22.64"			
	12.000	30536.282	14 3944.707	1.963	109°42'26.02"			
	13.000	30537.228	14 3944.381	2.007	108°16'29.40"			
	14.000	30538.181	14 3944.079	2.050	106°50'32.78"			
	15.000	30539.142	14 3943.802	2.076	105°24'36.16"			
	16.000	30540.109	14 3943.548	2.086	103°58'39.54"			
	16.850	30540.936	14 3943.351	2.086	102°45'35.28"			

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval No. DEV2022/279

Date: 05/12/2022



REVISIONS		ISSUE DATE
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1	RFI RESPONSE	06/10/2022
0	ISSUE FOR APPROVAL	8/8/2022

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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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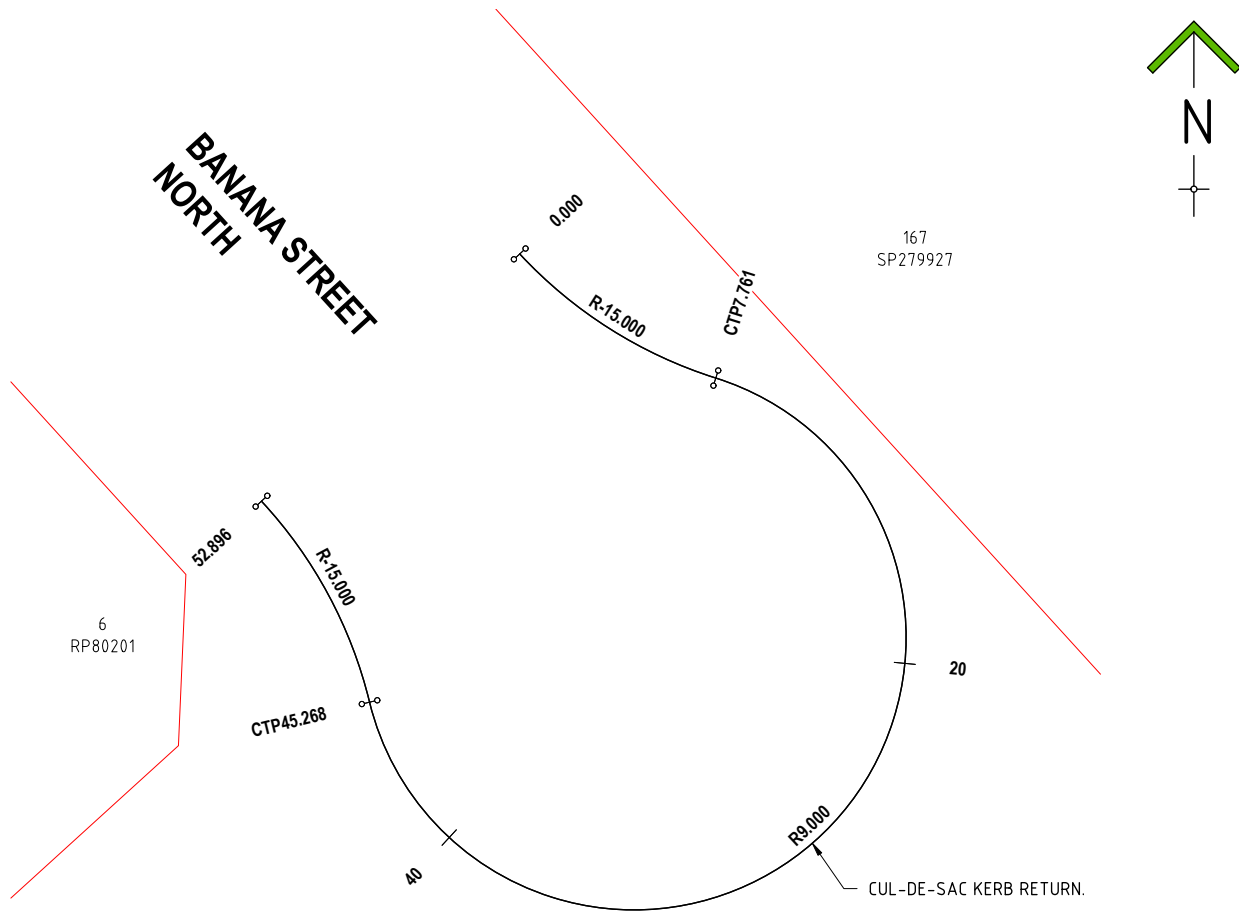
TITLE: CONTROL LINE SETOUT SHEET-8		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 12 of 72 DRAWINGS
		Job No. DWG No.
		FC-22-014-3A C-1012
		0 1 2 3 4 5

KERB RETURN 13 CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30531.307	14 3940.292	1.932	175°26'09.05"			
	1.000	30531.386	14 3939.296	1.937	175°26'09.05"			
	2.000	30531.466	14 3938.299	1.941	175°26'09.05"			
	3.000	30531.545	14 3937.302	1.943	175°26'09.05"			
	4.000	30531.625	14 3936.305	1.944	175°26'09.05"			
	5.000	30531.705	14 3935.308	1.944	175°26'09.05"			
	6.000	30531.784	14 3934.311	1.942	175°26'09.05"			
	7.000	30531.864	14 3933.315	1.939	175°26'09.05"			
	8.000	30531.943	14 3932.318	1.934	175°26'09.05"			
	9.000	30532.023	14 3931.321	1.928	175°26'09.05"			
	10.000	30532.103	14 3930.324	1.920	175°26'09.05"			
	11.000	30532.182	14 3929.327	1.911	175°26'09.05"			
	12.000	30532.262	14 3928.331	1.902	175°26'09.05"			
	13.000	30532.341	14 3927.334	1.892	175°26'09.05"			
	14.000	30532.421	14 3926.337	1.883	175°26'09.05"			
	15.000	30532.500	14 3925.340	1.873	175°26'09.05"			
16.000	30532.580	14 3924.343	1.864	175°26'09.05"				
17.000	30532.660	14 3923.346	1.854	175°26'09.05"				
18.000	30532.739	14 3922.350	1.845	175°26'09.05"				
TC	18.967	30532.816	14 3921.385	1.836	175°26'09.05"			
	19.000	30532.819	14 3921.353	1.835	175°33'37.98"			
IP 2	19.564	30532.864	14 3920.790	1.830		R = 15.000	1.194	4°33'36.53"
	20.000	30532.863	14 3920.354	1.828	179°22'48.97"			
CT	20.161	30532.864	14 3920.193	1.828	179°59'45.58"			
	21.000	30532.864	14 3919.354	1.825	179°59'45.58"			
IP 3	21.942	30532.864	14 3918.412	1.821	179°59'45.58"			

KERB RETURN 14 CONTROL LINE SETOUT TABLE					
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30548.356	143940.820	2.242	250°30'18.61"
	1.000	30547.413	143940.486	2.224	250°30'18.61"
	2.000	30546.470	143940.153	2.206	250°30'18.61"
	3.000	30545.528	143939.819	2.188	250°30'18.61"
	4.000	30544.585	143939.485	2.169	250°30'18.61"
	5.000	30543.642	143939.151	2.149	250°30'18.61"
	6.000	30542.700	143938.818	2.127	250°30'18.61"
	7.000	30541.757	143938.484	2.103	250°30'18.61"
	8.000	30540.814	143938.150	2.078	250°30'18.61"
	9.000	30539.872	143937.817	2.050	250°30'18.61"
	10.000	30538.929	143937.483	2.021	250°30'18.61"
	11.000	30537.986	143937.149	1.992	250°30'18.61"
	12.000	30537.044	143936.815	1.969	250°30'18.61"
	13.000	30536.101	143936.482	1.951	250°30'18.61"
	14.000	30535.158	143936.148	1.939	250°30'18.61"
	15.000	30534.216	143935.814	1.933	250°30'18.61"
	16.000	30533.273	143935.481	1.932	250°30'18.61"
17.000	30532.330	143935.147	1.937	250°30'18.61"	
IP 2	17.632	30531.734	143934.936	1.943	250°30'18.61"

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5			NTS	APPROVED:				PROJECT:		No. 13 of 72 DRAWINGS
4				RPEQ:26951 APPROVED DATE:06/10/22				WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	Job No. FC-22-014-3A	DWG No. C-1013
3										
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1	RFI RESPONSE	06/10/2022								
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN							

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CUL-DE-SAC CONTROL LINE SETOUT TABLE								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	30510.075	143999.332	2.154	137°43'21.88"			
	2.000	30511.492	143997.921	2.133	131°59'35.40"			
IP 2	2.355	30511.666	143997.581	2.129		R = -20.000	4.710	13°29'32.36"
	4.000	30513.043	143996.660	2.112	126°15'48.92"			
CC	4.710	30513.622	143996.250	2.104	124°13'49.52"			
	6.000	30514.630	143995.446	2.091	132°55'40.31"			
	8.000	30515.921	143993.925	2.070	146°24'33.21"			
	10.000	30516.823	143992.145	2.049	159°53'26.10"			
IP 3	12.000	30517.284	143990.204	2.034	173°22'19.00"			
	13.076	30524.198	143989.055	2.028		R = 8.500	16.733	112°47'31.07"
	14.000	30517.280	143988.208	2.025	186°51'11.89"			
	16.000	30516.811	143986.269	2.022	200°20'04.79"			
CC	18.000	30515.903	143984.492	2.026	213°48'57.68"			
	20.000	30514.605	143982.976	2.036	227°17'50.58"			
	21.443	30513.467	143982.092	2.044	237°01'20.59"			
	22.000	30512.990	143981.804	2.047	240°46'43.47"			
	24.000	30511.147	143981.041	2.058	254°15'36.37"			
	26.000	30509.176	143980.729	2.069	267°44'29.27"			
IP 4	28.000	30507.186	143980.885	2.080	281°13'22.16"			
	29.809	30502.737	143975.130	2.090		R = 8.500	16.733	112°47'31.07"
	30.000	30505.288	143981.501	2.091	294°42'15.06"			
	32.000	30503.586	143982.542	2.102	308°11'07.95"			
	34.000	30502.173	143983.951	2.112	321°40'00.85"			
	36.000	30501.128	143985.650	2.123	335°08'53.74"			
CC	38.000	30500.508	143987.547	2.134	348°37'46.64"			
	38.176	30500.475	143987.720	2.135	349°48'51.67"			
	40.000	30500.071	143989.498	2.145	344°35'17.82"			
	42.000	30499.444	143991.396	2.156	338°51'31.34"			
IP 5	43.742	30499.464	143993.344	2.166		R = -20.000	11.133	31°53'40.75"
	44.000	30498.630	143993.222	2.167	333°07'44.86"			
	46.000	30497.639	143994.958	2.178	327°23'58.38"			
	48.000	30496.479	143996.587	2.189	321°40'11.90"			
IP 6	49.309	30495.634	143997.586	2.196	317°55'10.92"			

REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED:

RPEQ:26951
APPROVED DATE:06/10/22

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REDLAND
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TITLE: CONTROL LINE SETOUT SHEET-10

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 14 of 72 DRAWINGS

Job No.
FC-22-014-3A

DWG No.
C-1014

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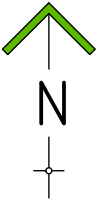
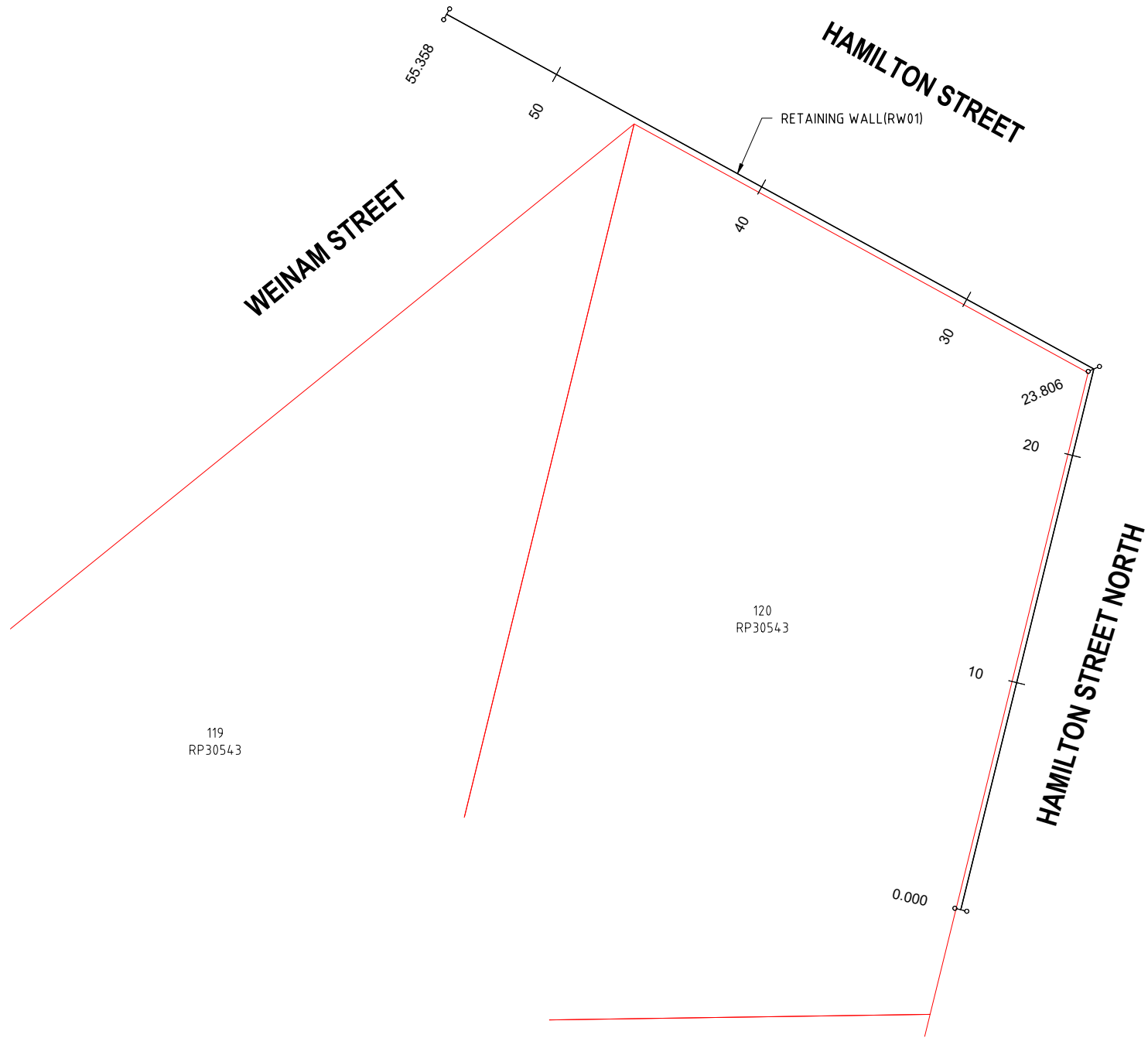
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RETAINING WALL (RW01) SETOUT TABLE					
PT	CHAINAGE	EASTING	NORTHING	TOE HEIGHT	BEARING
IP 1	0.000	30401.062	143938.285	7.300	13°49'12.82"
	5.000	30402.256	143943.140	6.700	13°49'12.82"
	10.000	30403.451	143947.995	6.100	13°49'12.82"
	15.000	30404.645	143952.850	5.500	13°49'12.82"
	20.000	30405.839	143957.706	4.900	13°49'12.82"
IP 2	23.806	30406.749	143961.401	4.900	
	25.000	30405.701	143961.975	4.900	298°43'23.00"
	30.000	30401.317	143964.378	4.900	298°43'23.00"
	35.000	30396.932	143966.781	4.900	298°43'23.00"
	40.000	30392.547	143969.184	4.900	298°43'23.00"
IP 3	45.000	30388.162	143971.587	4.900	298°43'23.00"
	50.000	30383.778	143973.990	4.900	298°43'23.00"
	55.000	30379.393	143976.392	4.700	298°43'23.00"
	55.358	30379.079	143976.564	4.700	298°43'23.00"

REVISIONS		ISSUE DATE	SCALE:	FOR APPROVAL		TITLE: RETAINING WALL (RW01) CONTROL LINE SETOUT		A3	
5				APPROVED:		PROJECT:		No. 15 of 72 DRAWINGS	
4						WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A		Job No.	
3						WEINAM CREEK REDLAND BAY		DWG No.	
2						FOR REDLAND INVESTMENT CORPORATION		FC-22-014-3A C-1015	
1	RFI RESPONSE	06/10/2022						0 1 2 3 4 5	
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN	RPEQ:26951 APPROVED DATE:06/10/22					

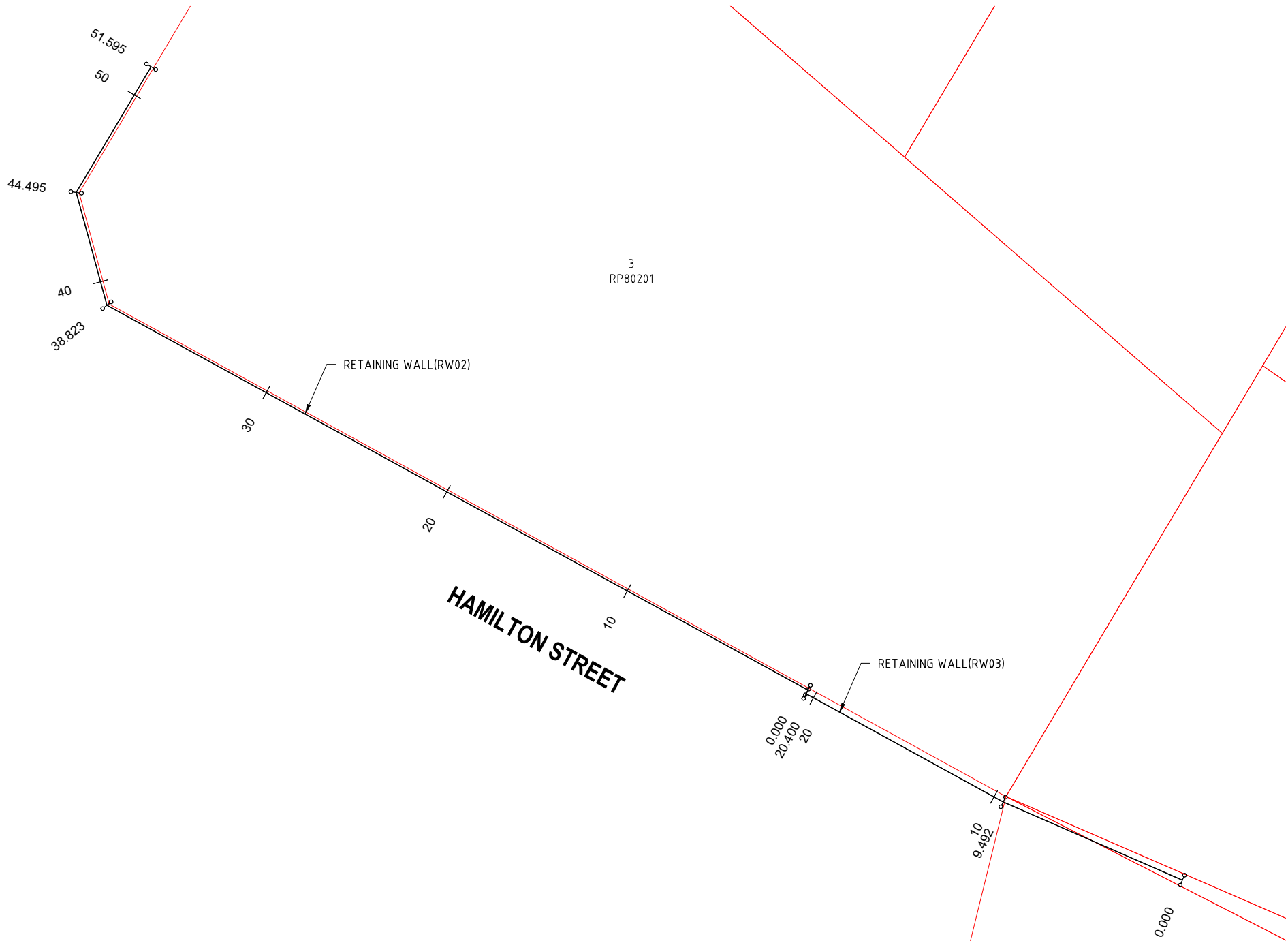
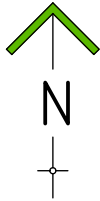
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Date: 05/12/2022



RETAINING WALL (RW02) SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	TOE HEIGHT	BEARING
IP 1	0.000	30420.103	143976.573	4.600	298°44'52.98"
	5.000	30415.720	143978.978	4.200	298°44'52.98"
	10.000	30411.336	143981.382	4.000	298°44'52.98"
	15.000	30406.952	143983.787	3.600	298°44'52.98"
	20.000	30402.568	143986.192	3.800	298°44'52.98"
	25.000	30398.185	143988.597	3.800	298°44'52.98"
	30.000	30393.801	143991.002	3.800	298°44'52.98"
	35.000	30389.417	143993.406	3.800	298°44'52.98"
IP 2	38.823	30386.066	143995.245	3.800	
	40.000	30385.757	143996.381	3.800	344°46'19.57"
IP 3	44.495	30384.576	144000.718	3.600	
	45.000	30384.835	144001.152	3.600	30°47'36.37"
	50.000	30387.394	144005.447	3.400	30°47'36.37"
IP 4	51.595	30388.211	144006.817		30°47'36.37"

RETAINING WALL (RW03) SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	TOE HEIGHT	BEARING
IP 1	0.000	30438.287	143967.348	4.200	293°33'58.08"
	5.000	30433.704	143969.347	4.400	293°33'58.08"
IP 2	9.492	30429.587	143971.143	4.600	
	10.000	30429.141	143971.388	4.600	298°44'52.98"
	15.000	30424.758	143973.792	4.600	298°44'52.98"
	20.000	30420.374	143976.197	4.800	298°44'52.98"
	20.400	30420.023	143976.389	4.800	298°44'52.98"

REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22

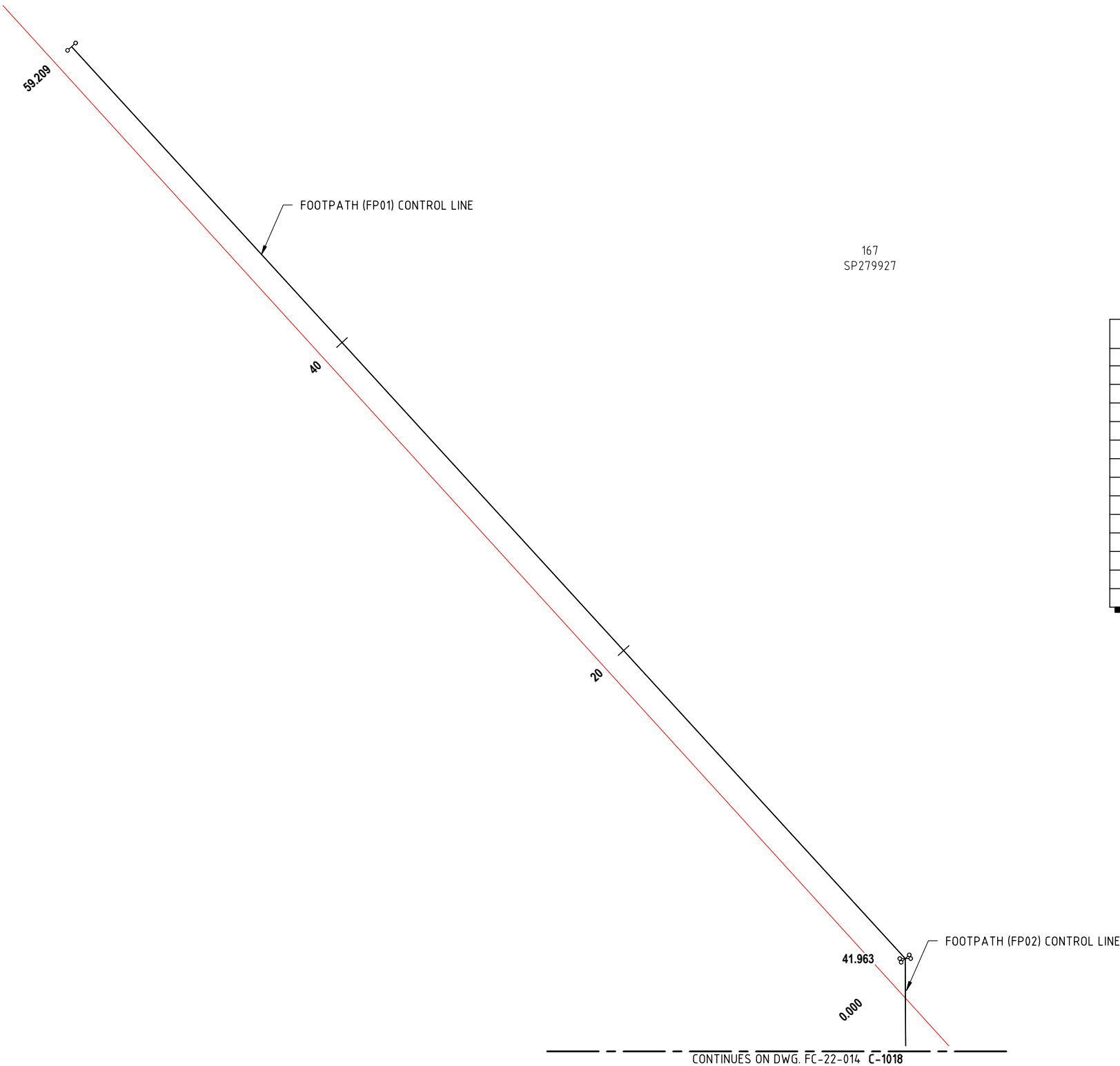
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TITLE: RETAINING WALL (RW01) & (RW02) CONTROL LINE SETOUT		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 16 of 72 DRAWINGS
		Job No. FC-22-014-3A DWG No. C-1016
		0 1 2 3 4 5

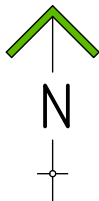
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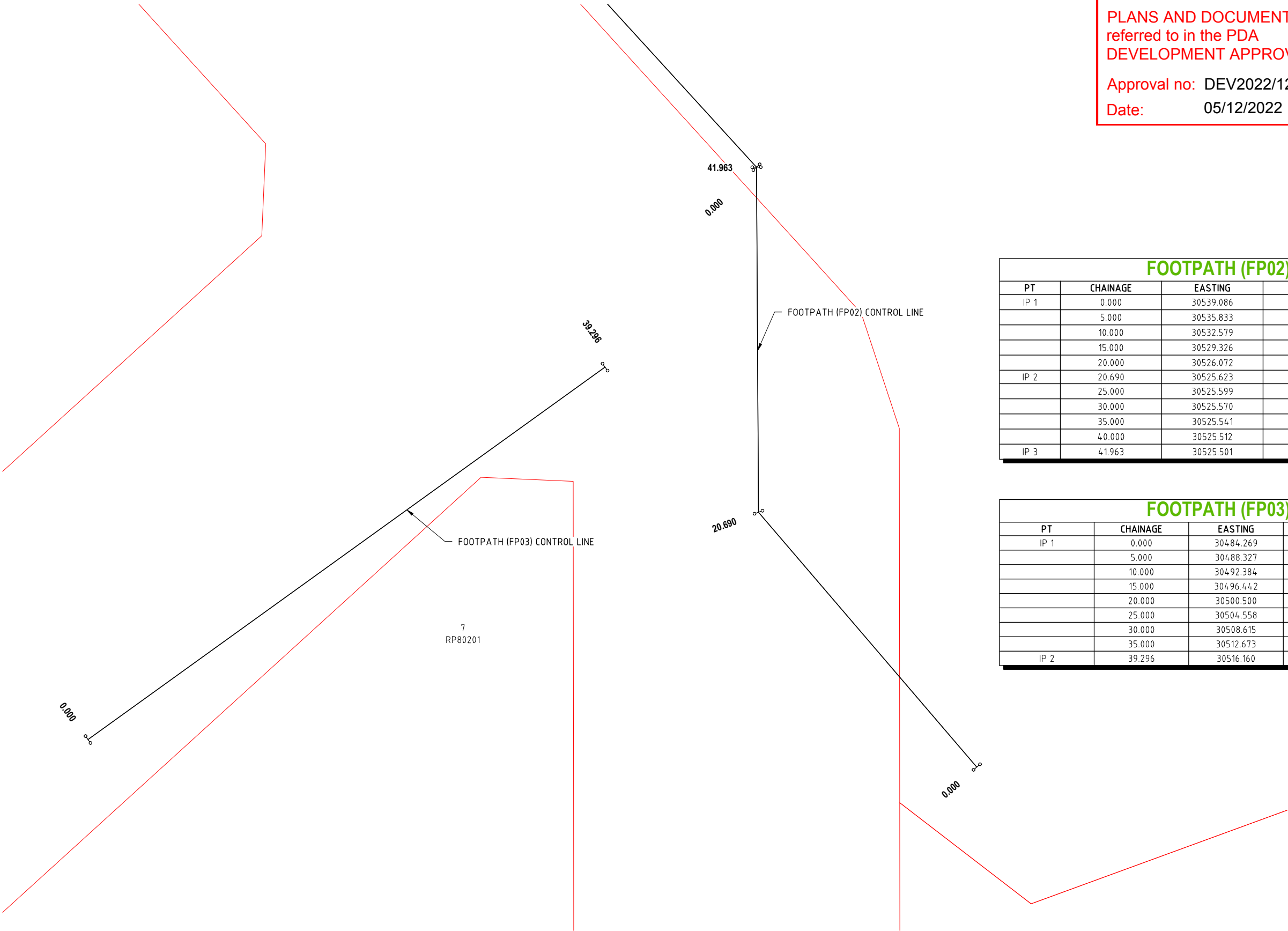


FOOTPATH (FP01) SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30525.501	143991.474	1.960	317°33'48.35"
	5.000	30522.127	143995.164	2.007	317°33'48.35"
	10.000	30518.753	143998.854	2.054	317°33'48.35"
	15.000	30515.380	144002.544	2.101	317°33'48.35"
	20.000	30512.006	144006.234	2.148	317°33'48.35"
	25.000	30508.632	144009.924	2.195	317°33'48.35"
	30.000	30505.258	144013.614	2.242	317°33'48.35"
	35.000	30501.884	144017.305	2.289	317°33'48.35"
	40.000	30498.510	144020.995	2.336	317°33'48.35"
	45.000	30495.136	144024.685	2.383	317°33'48.35"
	50.000	30491.763	144028.375	2.428	317°33'48.35"
	55.000	30488.389	144032.065	2.467	317°33'48.35"
IP 2	59.209	30485.549	144035.171	2.501	317°33'48.35"

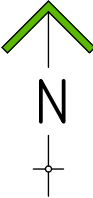
REVISIONS		ISSUE DATE	SCALE:	FOR APPROVAL		TITLE: DRIVEWAY CONTROL LINE & SETOUT TABLE		A3	
5			 SCALE 1:250 (m)	APPROVED:		PROJECT:		No. 17 of 72 DRAWINGS	
4				 REDLAND INVESTMENT CORPORATION		WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A		Job No.	
3						WEINAM CREEK REDLAND BAY		DWG No.	
2						FOR REDLAND INVESTMENT CORPORATION		FC-22-014-3A C-1017	
1	RFI RESPONSE	06/10/2022						0 1 2 3 4 5	
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN	RPEQ:26951 APPROVED DATE:06/10/22					

PLOT DATE :- 6 October 2022 10:22 AM



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



FOOTPATH (FP02) SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30539.086	143954.490		319°24'19.88"
	5.000	30535.833	143958.287	2.116	319°24'19.88"
	10.000	30532.579	143962.084	2.044	319°24'19.88"
	15.000	30529.326	143965.880	1.971	319°24'19.88"
	20.000	30526.072	143969.677	1.898	319°24'19.88"
IP 2	20.690	30525.623	143970.201	1.894	
	25.000	30525.599	143974.511	1.872	359°40'15.78"
	30.000	30525.570	143979.511	1.847	359°40'15.78"
	35.000	30525.541	143984.511	1.822	359°40'15.78"
	40.000	30525.512	143989.511	1.921	359°40'15.78"
IP 3	41.963	30525.501	143991.474	1.960	359°40'15.78"

FOOTPATH (FP03) SETOUT TABLE

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	30484.269	143956.188	2.410	54°14'49.09"
	5.000	30488.327	143959.109	2.385	54°14'49.09"
	10.000	30492.384	143962.031	2.359	54°14'49.09"
	15.000	30496.442	143964.952	2.334	54°14'49.09"
	20.000	30500.500	143967.874	2.309	54°14'49.09"
	25.000	30504.558	143970.795	2.283	54°14'49.09"
	30.000	30508.615	143973.717	2.258	54°14'49.09"
	35.000	30512.673	143976.638	2.233	54°14'49.09"
IP 2	39.296	30516.160	143979.148	2.211	54°14'49.09"

REVISIONS	ISSUE DATE
5	
4	
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2	
1	RFI RESPONSE 06/10/2022
0	ISSUE FOR APPROVAL 8/8/2022

SCALE:

SCALE 1:250 (m)

FOR APPROVAL

APPROVED:

RPEQ:26951
APPROVED DATE: 06/10/22

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TITLE: **FOOTPATH CONTROL LINE & SETOUT TABLE**

PROJECT: **WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION**

No. **18** of **72** DRAWINGS

Job No. **FC-22-014-3A** DWG No. **C-1018**

0	1	2	3	4	5				
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DO NOT SCALE FROM PLAN

A3

PLOT DATE :- 6 October 2022 10:22 AM

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. NO WORK SHALL BE CARRIED OUT WITHIN 3.0m OF ANY UNDERGROUND SERVICE WITHOUT FIRST CONSULTING WITH THE RELEVANT AUTHORITY.
3. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING SERVICES WITH THE RELEVANT AUTHORITIES BEFORE COMMENCING CONSTRUCTION. ANY COSTS ASSOCIATED WITH THE DAMAGE OR REPAIR TO EXISTING SERVICES SHALL BE PAID FOR BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL EMPLOY APPROPRIATE COMPACTION EQUIPMENT WHEN WORKING IN THE VICINITY OF EXISTING SERVICES AND RESIDENCES.
4. THE CONTRACTOR TO VERIFY ALL DIMENSIONS ON-SITE PRIOR TO THE COMMENCEMENT OF WORKS. THE SUPERINTENDENT SHALL RULE ON ANY DISCREPANCIES FOLLOWING LIAISON WITH THE CONSULTANT.
5. IN ADDITION TO ENGINEERING SOLUTIONS QLD SPECIFICATIONS, ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH R.C.C, TMR & IPWEAQ SPECIFICATIONS.
6. IN ADDITION TO COMPACTION TESTING OF THE SUBGRADE, SUB-BASE AND BASE, AND IN THE CASE OF COMPACTION OF COARSE GRANULAR MATERIAL, PROOF TEST ROLLING SHALL BE UNDERTAKEN AS SOON AS POSSIBLE AFTER COMPLETION OF COMPACTION, IN THE PRESENCE OF THE SUPERINTENDENT AND COUNCIL'S INSPECTOR. SUCH TEST ROLLING SHALL BE DONE IN ACCORDANCE WITH AS 3798 - 2007. DRIED OUT SURFACES SHALL NOT BE ACCEPTABLE FOR TEST ROLLING. ATTENTION WILL BE GIVEN TO THE RELEVANCE OF TIMING AND MOISTURE CONTENT AS DESCRIBED IN THE ABOVE STANDARD.
7. NOTIFICATION SHALL BE PROVIDED TO COUNCIL 24 HOURS IN ADVANCE OF ALL REQUIRED INSPECTIONS TO ALLOW COUNCIL'S INSPECTOR TO ATTEND IF DEEMED TO BE NECESSARY.
8. ALL DISTURBED AREAS TO BE TOPSOILED AND GRASS SEEDED UNLESS NOTED OTHERWISE.

COMPACTION NOTES:

ROADWORKS UP TO 300mm BELOW SUBGRADE	- 95% STANDARD
ROADWORKS WITHIN 300mm OF SUBGRADE	- 100% STANDARD
LOT FILL	- 98% STANDARD
SUB BASE GRAVEL	- 100% STANDARD
BASE GRAVEL	- 100% STANDARD

PAVEMENT NOTES:

1. PAVEMENT DESIGN NOMINATED ON THESE DRAWINGS HAS BEEN BASED ON DOUGLAS PARTNERS PAVEMENT THICKNESS DESIGN REPORT DATED 25TH JULY 2022.
2. REFER TO FC-22-014-C-1020 FOR PAVEMENT TABLE
3. NOTIFY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING ROAD RESERVES.

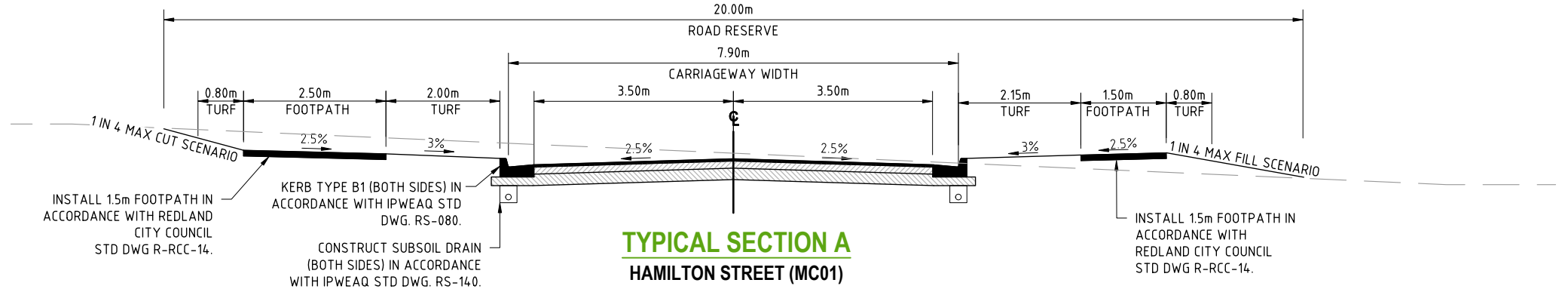
TURFING NOTE:

PROVIDE A 0.8m (MIN) TURF STRIP BEHIND ALL KERB AND AS LOCATED ON THE EROSION & SEDIMENT CONTROL DRAWING, REFER DWG C-1703

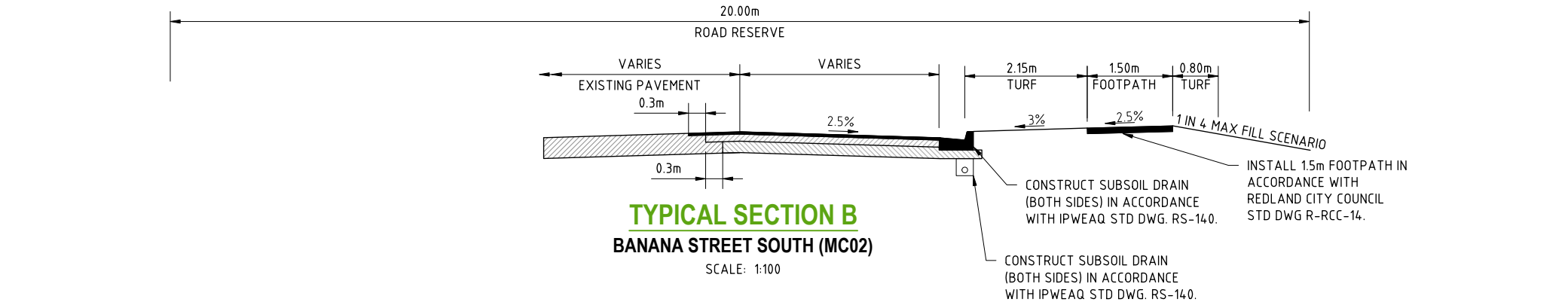
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

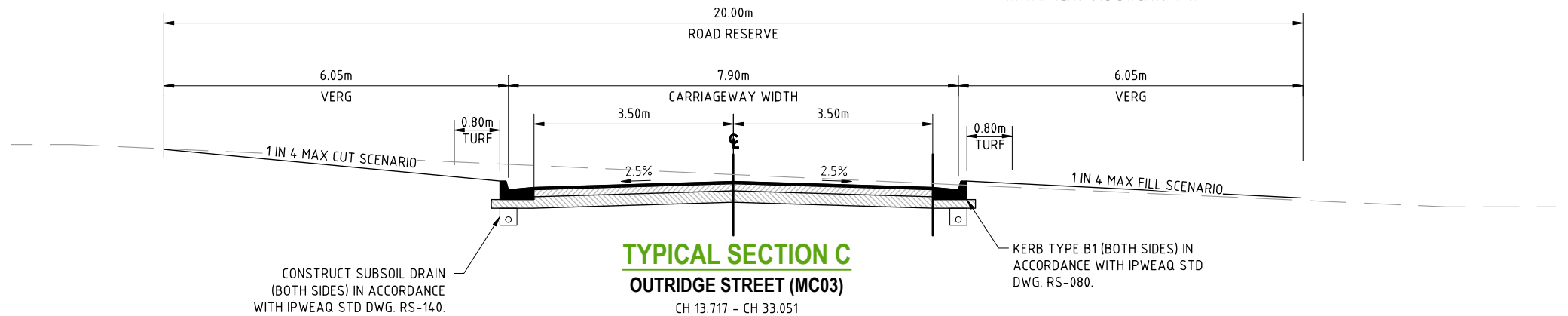
Date: 05/12/2022



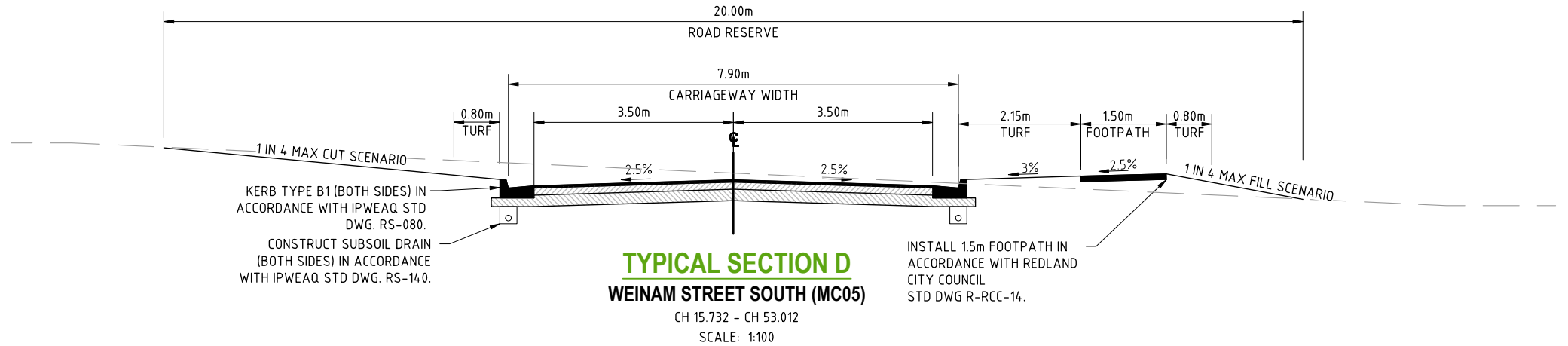
TYPICAL SECTION A
HAMILTON STREET (MC01)
CH 53.000 - CH 183.625
SCALE: 1:100



TYPICAL SECTION B
BANANA STREET SOUTH (MC02)
SCALE: 1:100



TYPICAL SECTION C
OUTRIDGE STREET (MC03)
CH 13.717 - CH 33.051
HAMILTON STREET (MC04)
CH 16.129 - CH 49.275
SCALE: 1:100



TYPICAL SECTION D
WEINAM STREET SOUTH (MC05)
CH 15.732 - CH 53.012
SCALE: 1:100

REVISIONS	ISSUE DATE	SCALE:
5		VARIES
4		
3		
2		
1	06/10/2022	
0	8/8/2022	DO NOT SCALE FROM PLAN

FOR APPROVAL

APPROVED:

[Signature]

RPEQ:26951

APPROVED DATE: 06/10/22



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TITLE: TYPICAL SECTIONS & STANDARD NOTES - SHEET 1										A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION						No. 19 of 72 DRAWINGS					
						Job No.				DWG No.	
						FC-22-014-3A				C-1019	
						0		1		2	

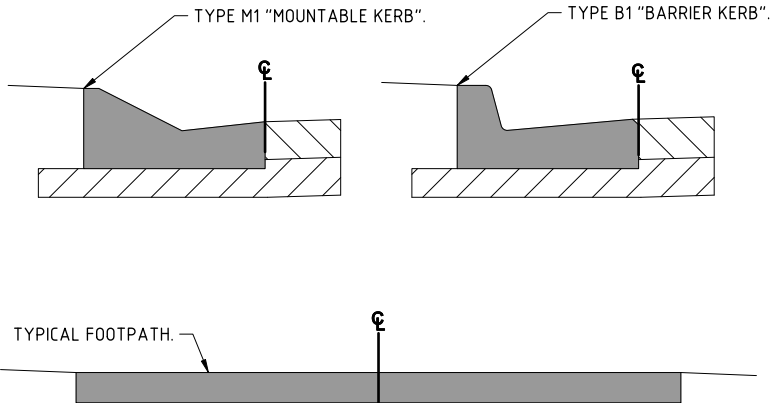
ROAD	SUBGRADE CBR %	TRAFFIC ESA'S	ROAD CLASS	BASE (TYPE 2.1 MATERIAL) (mm)	SUB-BASE (TYPE 2.3 MATERIAL) (mm)	TOTAL BOX (mm)
HAMILTON STREET (MC01) CH 014.529-CH 104.355	7%	1 x 10 ⁶	MAJOR COLLECTOR	135	185	365
HAMILTON STREET (MC01) CH 104.355-CH 263.895	7%	5 x 10 ⁵	ACCESS STREET	125	145	300
BANANA STREET SOUTH (MC02)	5%	1 x 10 ⁵	ACCESS STREET	125	135	290
OUTRIDGE STREET (MC03)	7%	1 x 10 ⁵	ACCESS STREET	125	125	280
HAMILTON STREET SOUTH (MC04)	7%	1 x 10 ⁵	ACCESS STREET	125	125	280
WEINAM STREET SOUTH (MC05)	7%	1 x 10 ⁵	ACCESS STREET	125	125	280
WEINAM STREET NORTH (MC06)	7%	1 x 10 ⁵	ACCESS STREET	125	125	280
BANANA STREET NORTH (MC07)	3.5%	1 x 10 ⁵	ACCESS STREET	125	230	385

PAVEMENT SURFACING DETAIL	
ROAD	SURFACING
HAMILTON STREET (MC01) CH 14.529 - CH 104.355	C170 PRIME COAT WITH 7mm CHIP AC10M 45mm ASPHALT
WEINAM STREET NORTH (MC05) & WEINAM STREET SOUTH (MC06)	
HAMILTON STREET (MC01) CH 104.355 - CH 263.895	C170 PRIME COAT WITH 7mm CHIP AC10M 30mm ASPHALT
HAMILTON STREET SOUTH (MC04) BANANA STREET SOUTH (MC02) & BANANA STREET SOUTH (MC07)	

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

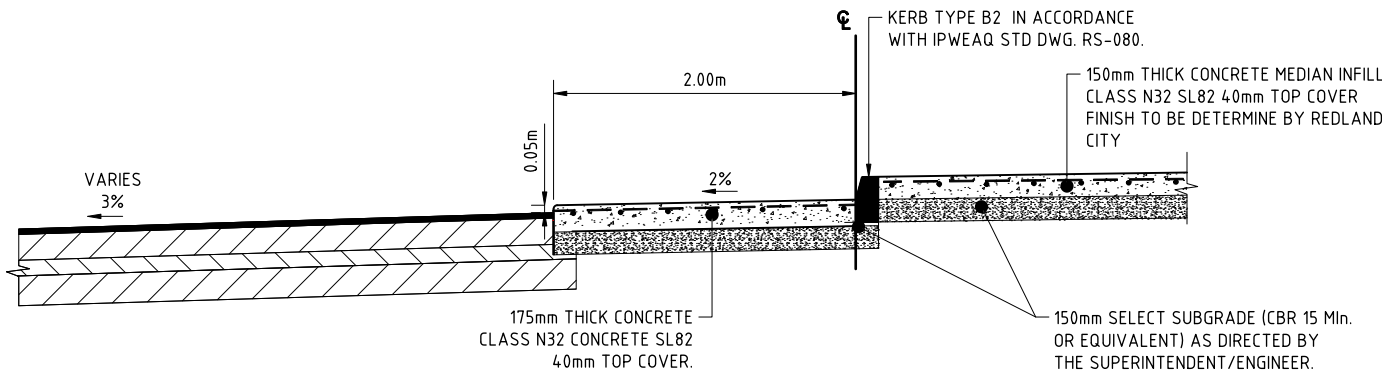
Approval no: DEV2022/1279

Date: 05/12/2022



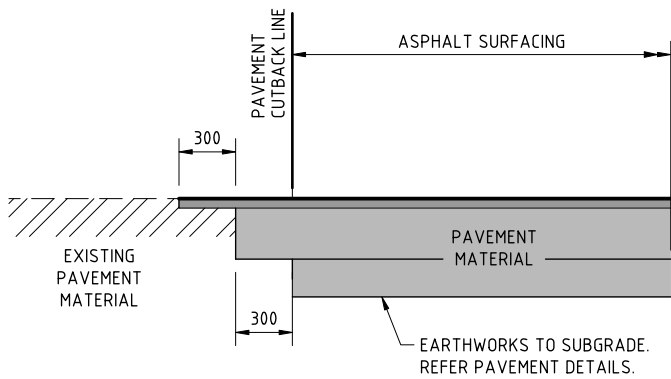
MINOR CONTROL LINE SETOUT DETAIL FOR KERBS AND FOOTPATHS

SCALE 1:200



TYPICAL ROUNDABOUT SECTION

SCALE 1:50



TYPICAL CUTBACK DETAIL

SCALE: NTS

	REVISIONS	ISSUE DATE	SCALE:
5			VARIES
4			
3			
2			
1	RFI RESPONSE	06/10/2022	
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN

FOR APPROVAL

APPROVED:

[Signature]

RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: TYPICAL SECTIONS & STANDARD NOTES - SHEET 2

A3

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. **20** of **72** DRAWINGS

Job No.

FC-22-014-3A

DWG No.

C-1020

0	1	2	3	4	5				
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PLOT DATE :- 6 October 2022 10:22 AM

LEGEND

PP	EXISTING POWERPOLE
LP	EXISTING LIGHTPOLE
ES	EXISTING ELECTRICAL STRUCTURE
E/OH	EXISTING OVER HEAD ELECTRICITY LINE
S150	EXISTING 150Ø GRAVITY SEWER MAIN
WC	EXISTING WATER CONDUIT
W	EXISTING 100Ø WATERMAIN
FH	EXISTING FIRE HYDRANT
SV	EXISTING STOP/SLUICE VALVE
DC	EXISTING DRAINAGE CHAMBER
D	EXISTING DRAINAGE PIPE
T	EXISTING TELSTRA LINE
TS	EXISTING TELSTRA OR NBN STRUCTURE
CE	EXISTING CONCRETE EDGE
G	EXISTING GATES
X	EXISTING FENCE
C	EXISTING CONTOURS
LB	EXISTING LOT BOUNDARY
BB	EXISTING BOTTOM OF BATTER
TK	EXISTING TOP OF BATTER
KC	EXISTING KERB AND CHANNEL
RC	EXISTING ROAD CROWN
RS	EXISTING ROAD SIGNAGE
PS	EXISTING PAVEMENT SURFACING
CON	EXISTING CONCRETE
DEM	DEMOLISH AND REMOVE FROM SITE ALL REDUNDANT ISLAND, KERB, RAMP, SINGE PATHWAY AND DRIVEWAY.
OR	EXISTING TREE TO RAMIAN
OR	EXISTING TREE TO REMOVE
W-X	WATER MAIN TO BE DECOMMISSION
D-X	EXISTING DRAINAGE TO BE DECOMMISSION
S-X	EXISTING SEWER MAIN TO BE DECOMMISSION

DEMOLITION NOTE:

1. REFER TO THE PE CONSULTING ENGINEERS DRAWING FOR ELECTRICAL & COMMUNICATION DEMOLITION AND RELOCATION PLAN



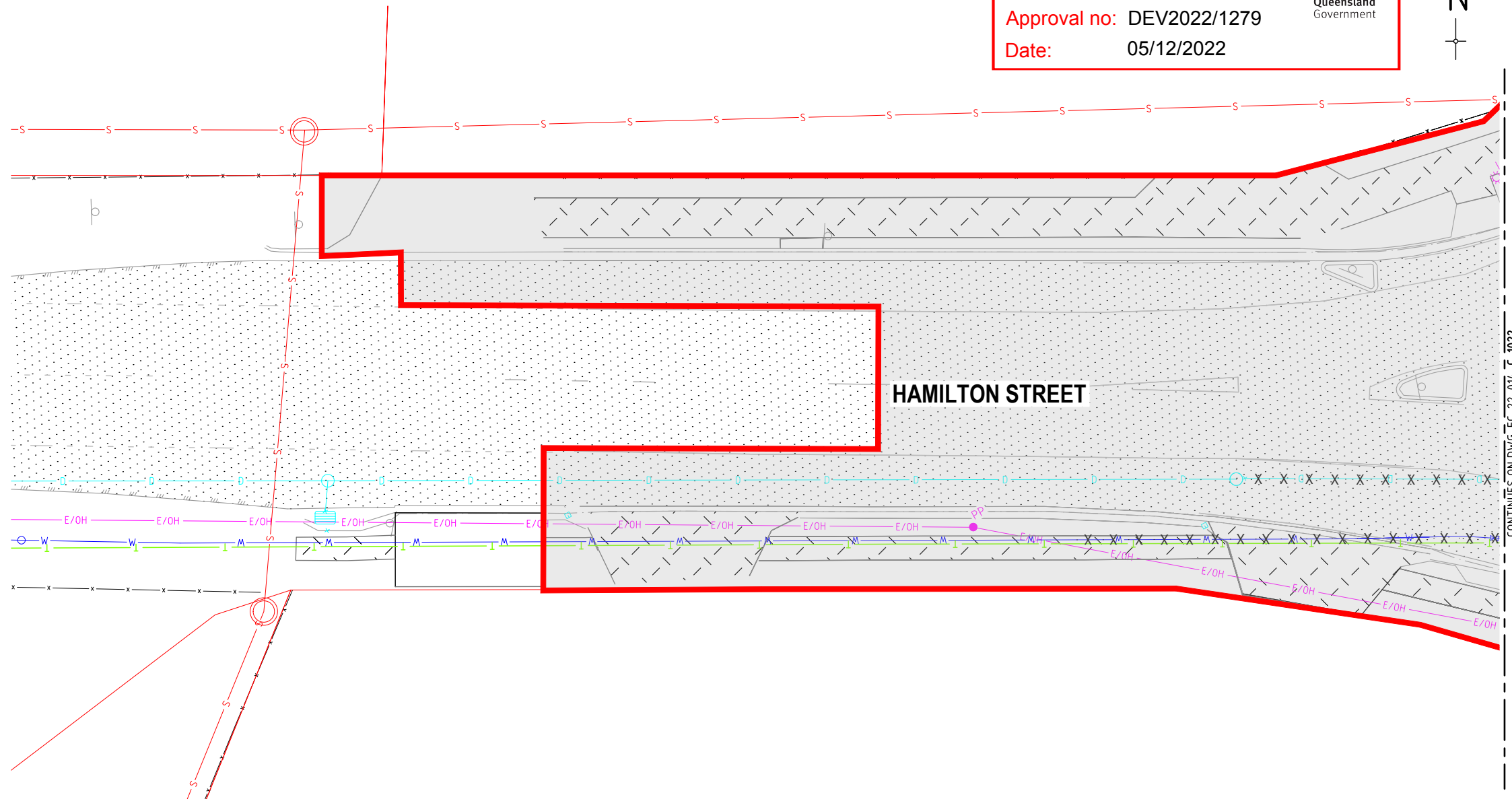
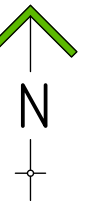
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PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



CONTINUES ON DWG FC-22-014 C-1022

REVISIONS	ISSUE DATE
5	
4	
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:



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FOR APPROVAL

APPROVED:

[Signature]

RPEQ:26951

APPROVED DATE:06/10/22



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TITLE: DETAILS DEMOLITION PLAN - SHEET 1

PROJECT:

WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 21 of 72 DRAWINGS

Job No.

FC-22-014-3A

DWG No.

C-1021

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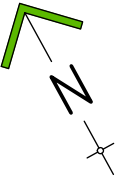
A3

CONTINUES ON DWG. FC-22-014 C-1026

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



EXISTING SEWER MANHOLE
TO REMAIN AND COVER TO BE
RAISED TO NEW VERGE LEVEL.

LOT 1
RP855150

LOT 3
RP80201

CONTINUES ON DWG. FC-22-014 C-0022

HAMILTON STREET

HAMILTON STREET

CONTINUES ON DWG. FC-22-014 C-1023

DEMOLITION NOTE:

1. REFER TO THE PE CONSULTING ENGINEERS DRAWING FOR ELECTRICAL & COMMUNICATION DEMOLITION AND RELOCATION PLAN
2. REFER TO C-1021 FOR SYMBOL & LEGEND



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CONTINUES ON DWG. FC-22-014 C-1025

REVISIONS	ISSUE DATE
5	
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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SCALE 1:250 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: DETAILS DEMOLITION PLAN - SHEET 2
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION

No. 22 of 72 DRAWINGS
Job No. FC-22-014-3A
DWG No. C-1022
0 1 2 3 4 5

A3

PLOT DATE :- 6 October 2022 10:22 AM

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**DIAL BEFORE
YOU DIG**
PHONE 1100
www.1100.com.au

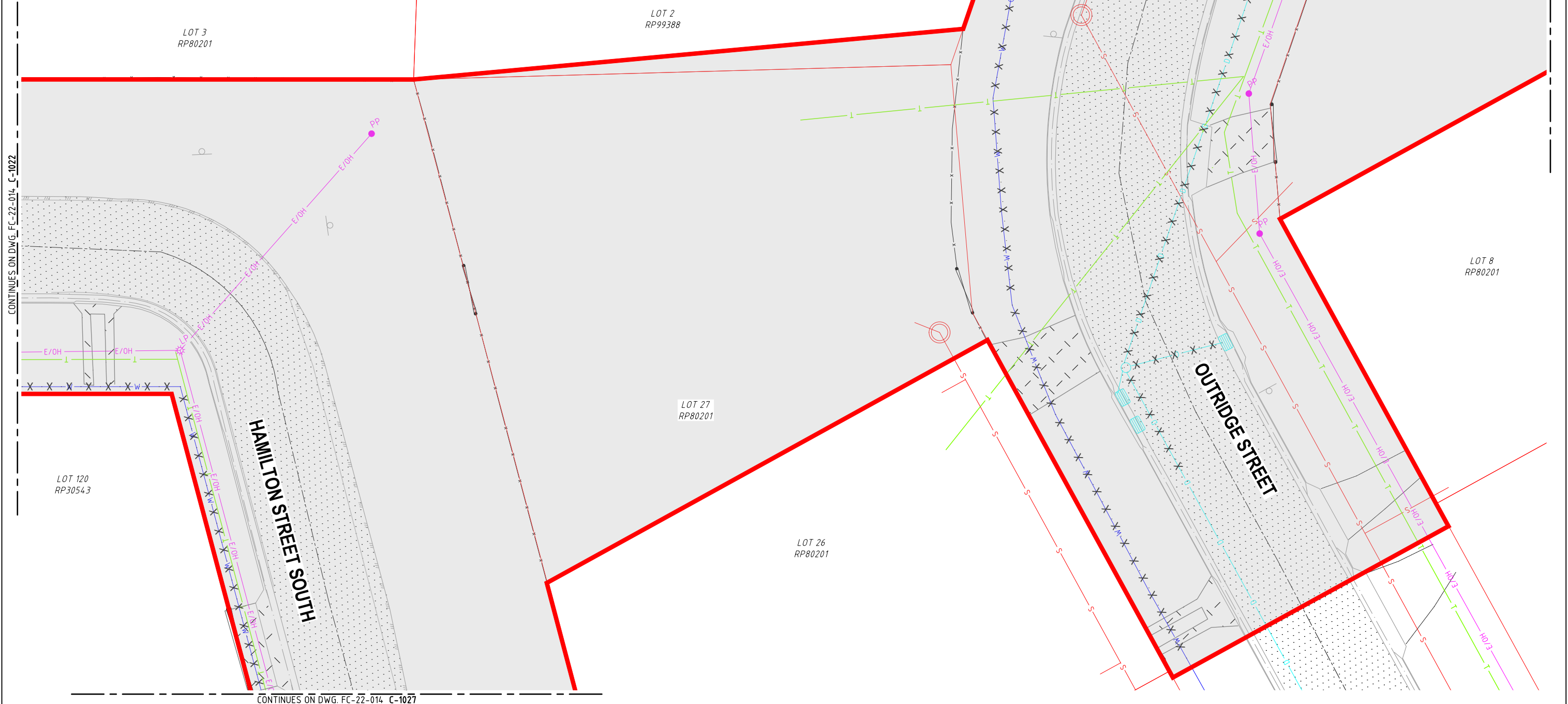
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DEMOLITION NOTE:

1. REFER TO THE PE CONSULTING ENGINEERS DRAWING FOR ELECTRICAL & COMMUNICATION DEMOLITION AND RELOCATION PLAN
2. REFER TO C-1021 FOR SYMBOL & LEGEND

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

Approval no: DEV2022/1279
Date: 05/12/2022



REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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SCALE 1:250 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL

APPROVED:


RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: DETAILS DEMOLITION PLAN - SHEET 3

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 23 of 72 DRAWINGS
Job No. FC-22-014-3A
DWG No. C-1023
0 1 2 3 4 5

A3

PLOT DATE: - 6 October 2022 10:22 AM

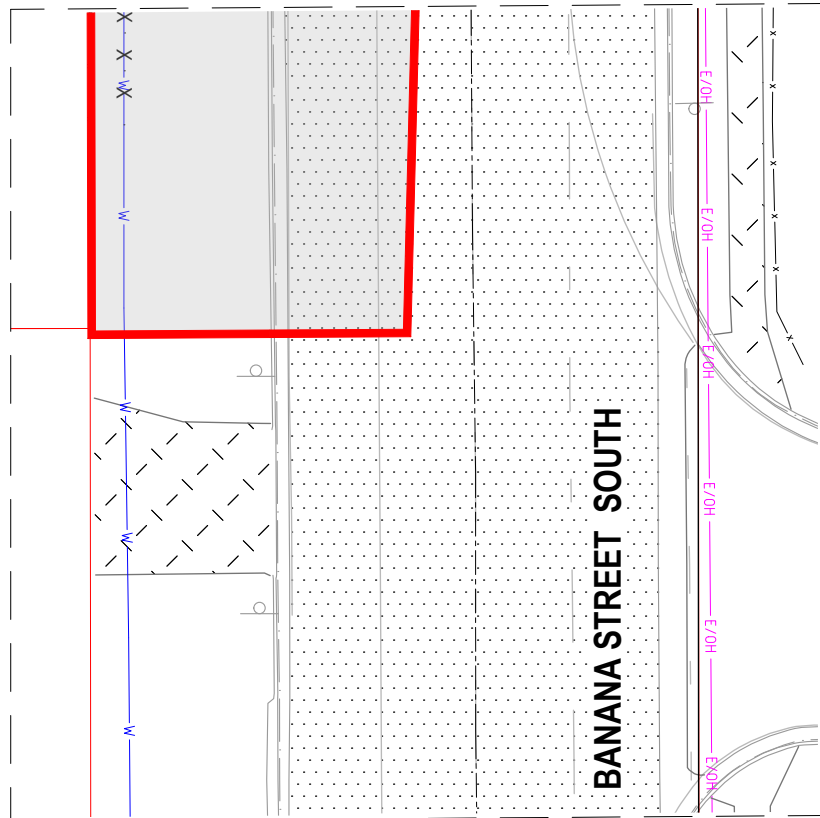
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DEMOLITION NOTE:

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- REFER TO C-1021 FOR SYMBOL & LEGEND



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INSET DETAIL C

CONTINUES ON DWG. FC-22-014 C-1023

LOT 8
RP80201

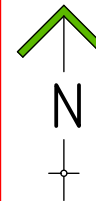
LOT 9
RP80201

CONTINUES ON DWG. FC-22-014 C-1028

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



MARINA CIRCUIT

FUTURE SUPERMARKET
& CARPARKING

BANANA STREET SOUTH

CONTINUES ON INSET DETAILS C

REVISIONS	ISSUE DATE
5	
4	
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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SCALE 1:250 (m)
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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



REDLAND
INVESTMENT CORPORATION

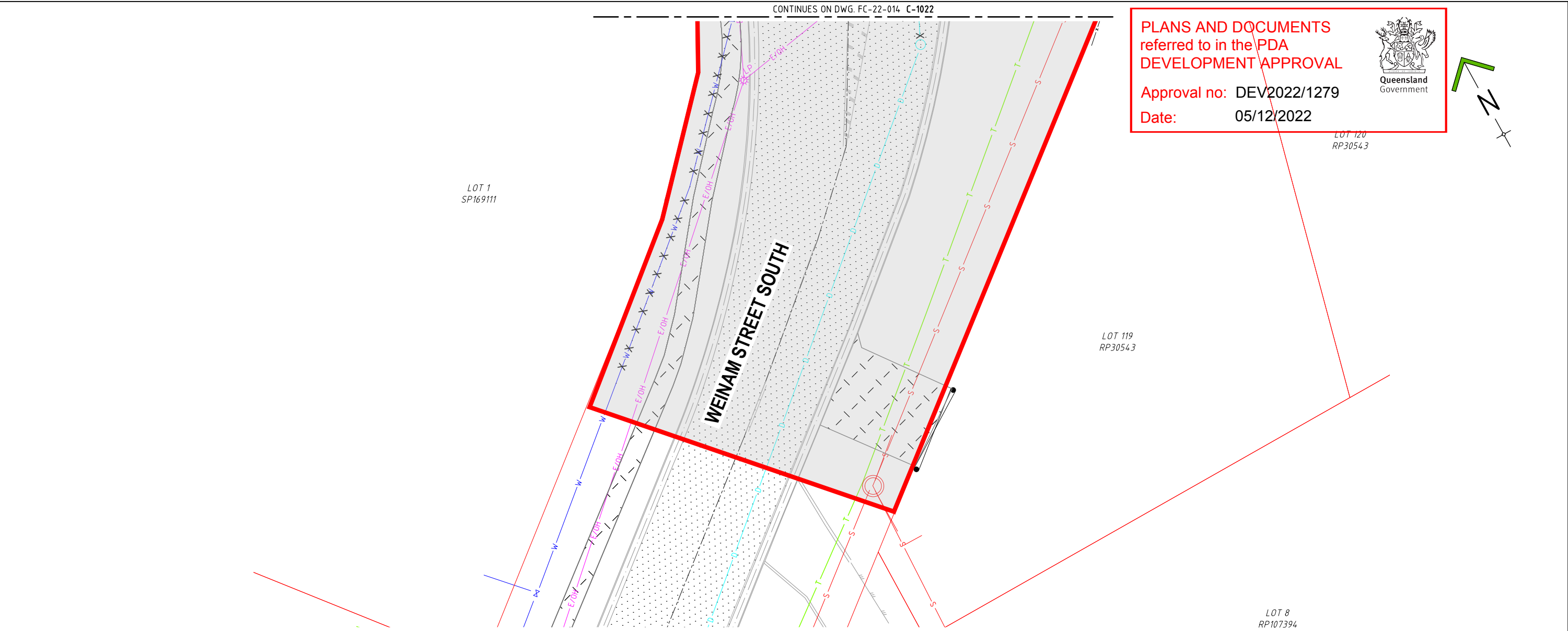
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TITLE: DETAILS DEMOLITION PLAN - SHEET 4	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 24 of 72 DRAWINGS
	Job No. FC-22-014-3A DWG No. C-1024
	0 1 2 3 4 5

PLOT DATE :- 6 October 2022 10:22 AM

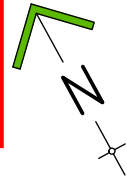


PLANS AND DOCUMENTS
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Approval no: DEV2022/1279

Date: 05/12/2022

Queensland
Government



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REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED:

RPEQ:26951

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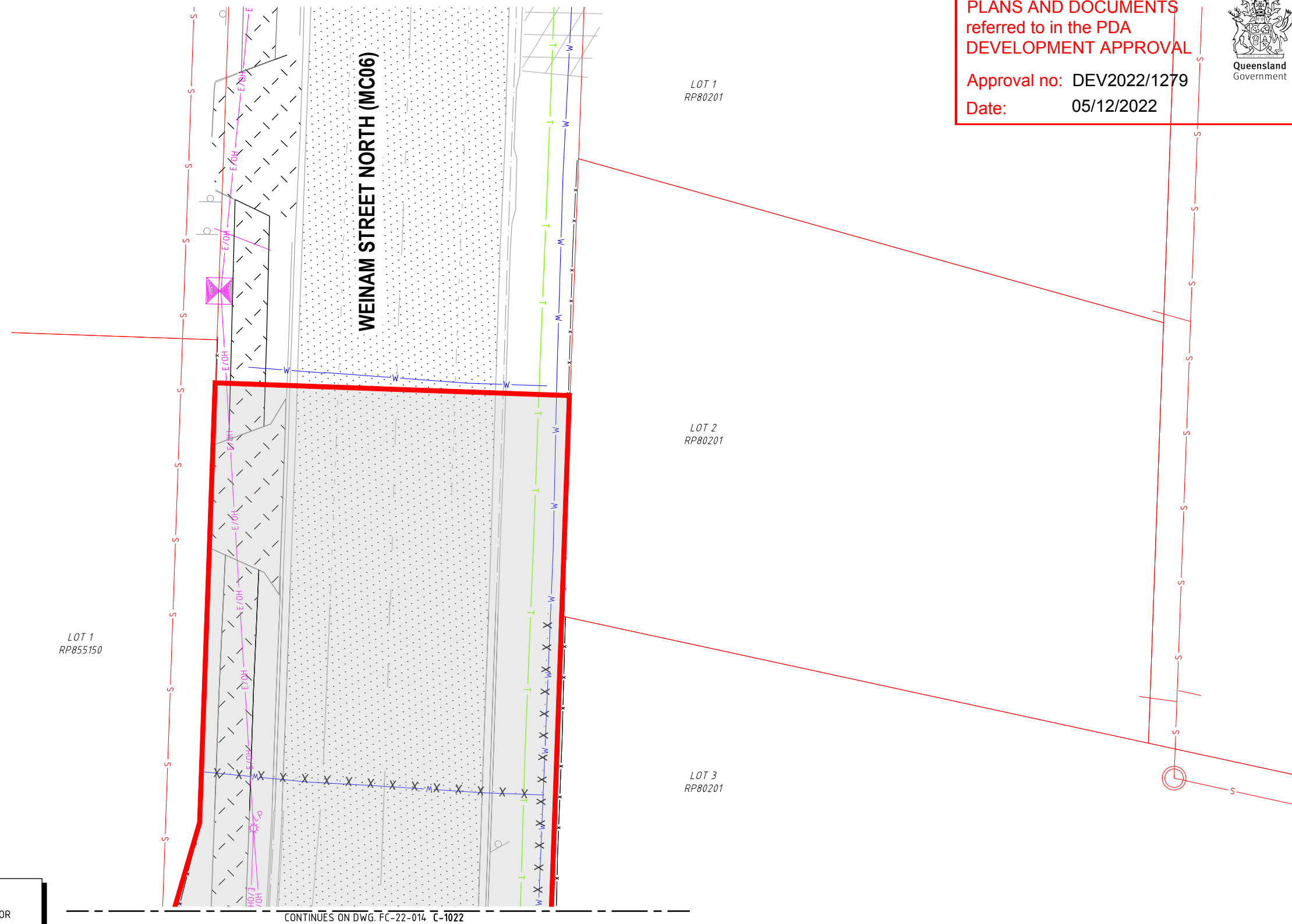
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TITLE: DETAILS DEMOLITION PLAN - SHEET 5		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 25 of 72 DRAWINGS
		Job No. FC-22-014-3A
		DWG No. C-1025
		0 1 2 3 4 5

DEMOLITION NOTE:

1. REFER TO THE PE CONSULTING ENGINEERS DRAWING FOR ELECTRICAL & COMMUNICATION DEMOLITION AND RELOCATION PLAN
2. REFER TO C-1021 FOR SYMBOL & LEGEND

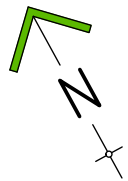
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PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



	REVISIONS	ISSUE DATE
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0	ISSUE FOR APPROVAL	8/8/2022

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RPEQ:26951

APPROVED DATE:06/10/22



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TITLE: DETAILS DEMOLITION PLAN - SHEET 6

PROJECT:

**WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION**

No. 26 of 72 DRAWINGS

Job No.

FC-22-014-3A C-1026

0	1	2	3	4	5					
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A3

PLOT DATE :- 6 October 2022 10:22 AM

CONTINUES ON DWG. FC-22-014 C-1023

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



LOT 120
RP30543

LOT 26
RP80201

LOT 25
RP80201

LOT 8
RP107394

LOT 8
RP107394

LOT 24
RP80201

HAMILTON STREET SOUTH



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REVISIONS	ISSUE DATE
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0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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APPROVED:
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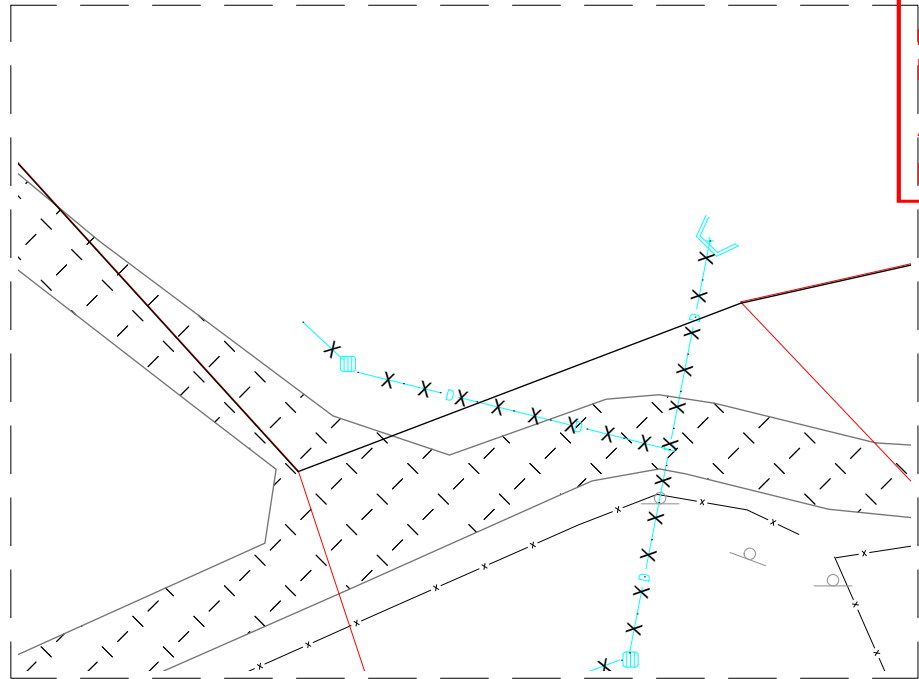
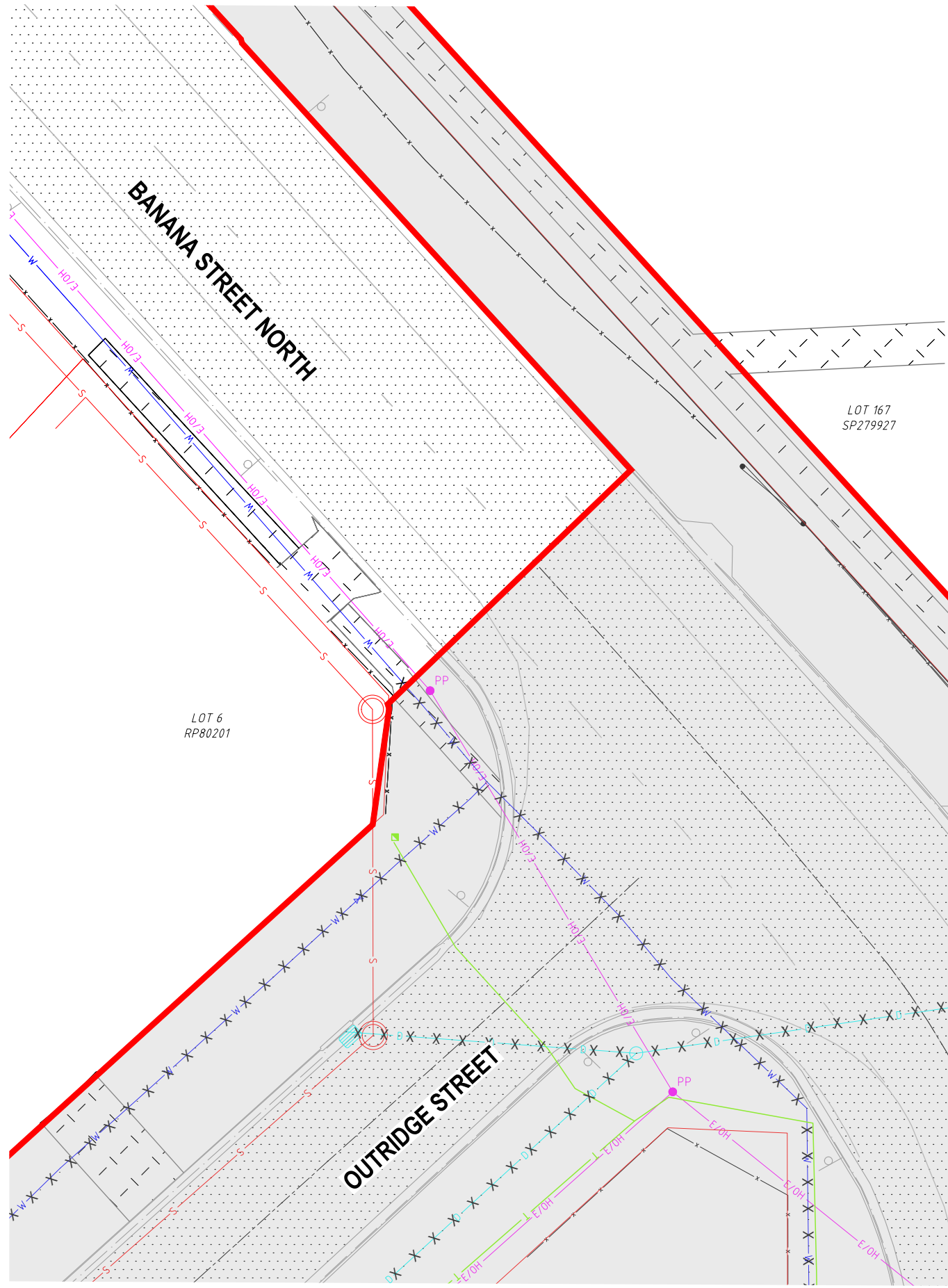
TITLE: DETAILS DEMOLITION PLAN - SHEET 7

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 27 of 72 DRAWINGS
Job No. DWG No.
FC-22-014-3A C-1027
0 1 2 3 4 5

A3

PLOT DATE :- 6 October 2022 10:22 AM



INSET DETAIL D

PLANS AND DOCUMENTS
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Approval no: DEV2022/1279

Date: 05/12/2022



CONTINUES ON INSET DETAIL D



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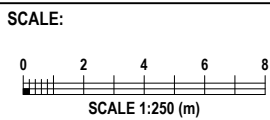
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CONTINUES ON DWG. FC-22-014 C-1024

REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022



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RPEQ:26951

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TITLE: DETAILS DEMOLITION PLAN - SHEET 8

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 28 of 72 DRAWINGS

Job No.

FC-22-014-3A

DWG No.

C-1028

0 1 2 3 4 5

A3

PLOT DATE :- 6 October 2022 10:22 AM

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



Horiz Curve Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L. -1.000

VOLUMES	CUT			0.037		3.036		0.203	1.071		0		173.618		462.814		695.265		189.342		
	FILL			2.175		5.472		38.923	42.715		0		29.862		8.255		0		18.801		
LIP OF KERB LEVEL (RHS)						2.840	2.898	3.283	3.637	REFER DWG C-1007 FOR ROUNDAABOUT DETAILS				4.729	4.737	REFER DWG C-1009 FOR INTERSECTION DETAILS			4.231	4.136	3.640
LIP OF KERB LEVEL (LHS)				2.630 2.642		2.875	2.925	3.283	REFER DWG C-1007 FOR ROUNDAABOUT DETAILS				4.729	4.737		4.622	4.475		4.231	4.136	3.640
EXISTING CENTRLINE LEVELS		2.672 2.674		2.777 2.791		3.018 3.050		3.343	3.633	3.748	4.201	4.616	5.972	6.234	7.097	7.350	6.809	6.035		3.568	
DESIGN CENTRELINE LEVELS		2.672 2.674		2.789 2.805		3.032 3.066		3.371	3.724	3.950	4.295	4.544	4.816	4.825	4.709	4.563	4.319	4.224		3.728	
CHAINAGE		0 1.341	20 21.341			40 42.855		60	72.855	80	90.879	100	120	124.349	140 147.889		157.06	160		172.5	

HAMILTON STREET (MC01) LONGITUDINAL SECTION

REVISIONS

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1	RFI RESPONSE	06/10/2022
0	ISSUE FOR APPROVAL	8/8/2022

ISSUE DATE

SCALE:

HORIZONTAL SCALE 1:500 (m)

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VERTICAL SCALE 1:50 (m)

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TITLE: MC01 LONGITUDINAL SECTIONS - SHEET 1

PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

A3

No. 29 of 72 DRAWINGS

Job No. FC-22-014-3A

DWG No. C-1100

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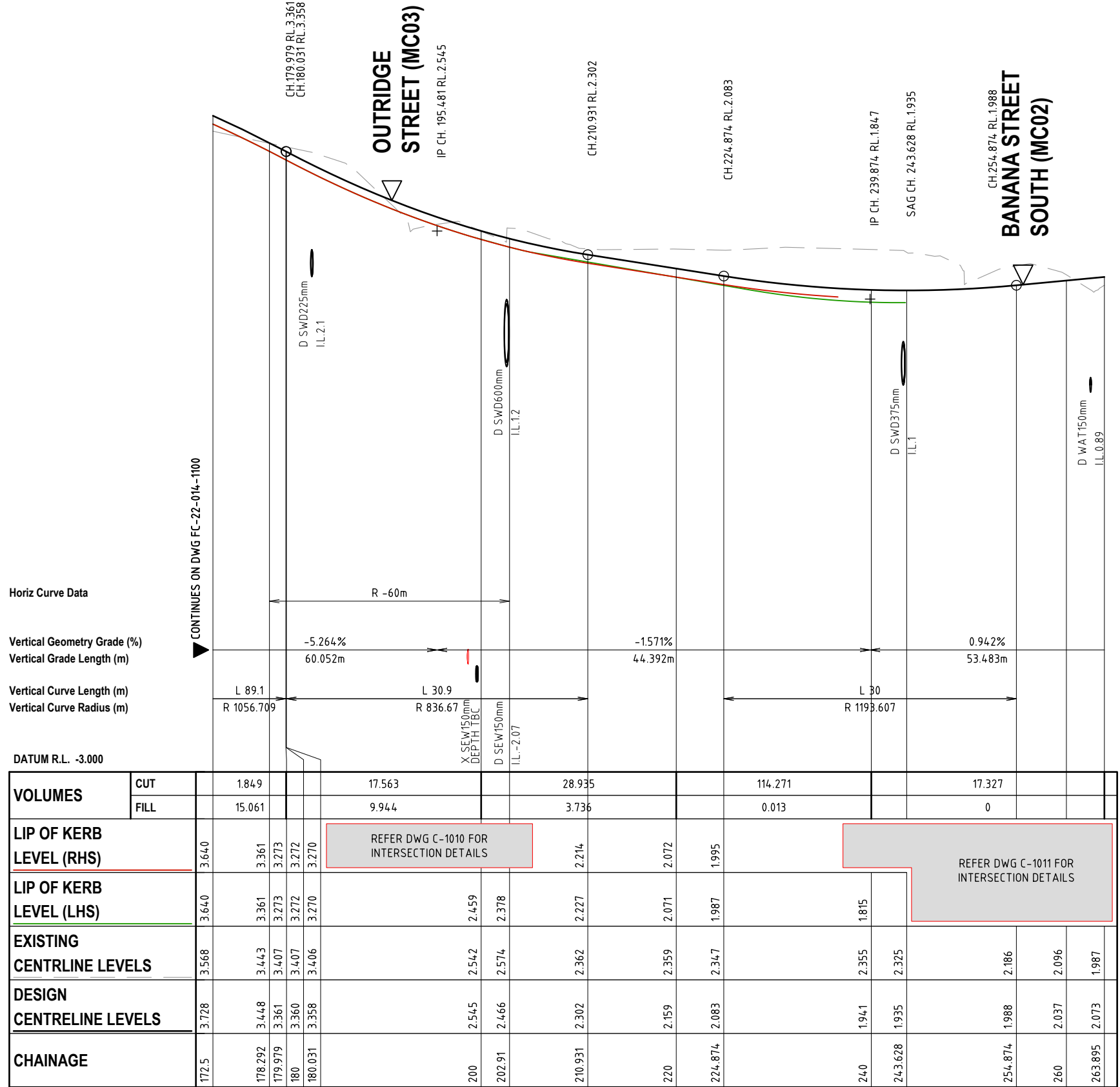
CONTINUES ON DWG FC-22-014-1101

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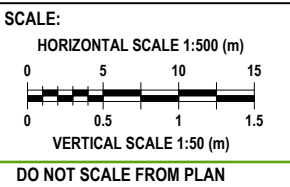
Approval no: DEV2022/1279

Date: 05/12/2022



HAMILTON STREET (MC01) LONGITUDINAL SECTION

REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
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TITLE: MC01 LONGITUDINAL SECTIONS - SHEET 2											A3									
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION											No. 30 of 72 DRAWINGS									
											Job No.					DWG No.				
											FC-22-014-3A					C-1101				
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PLOT DATE: -- 6 October 2022 10:22 AM

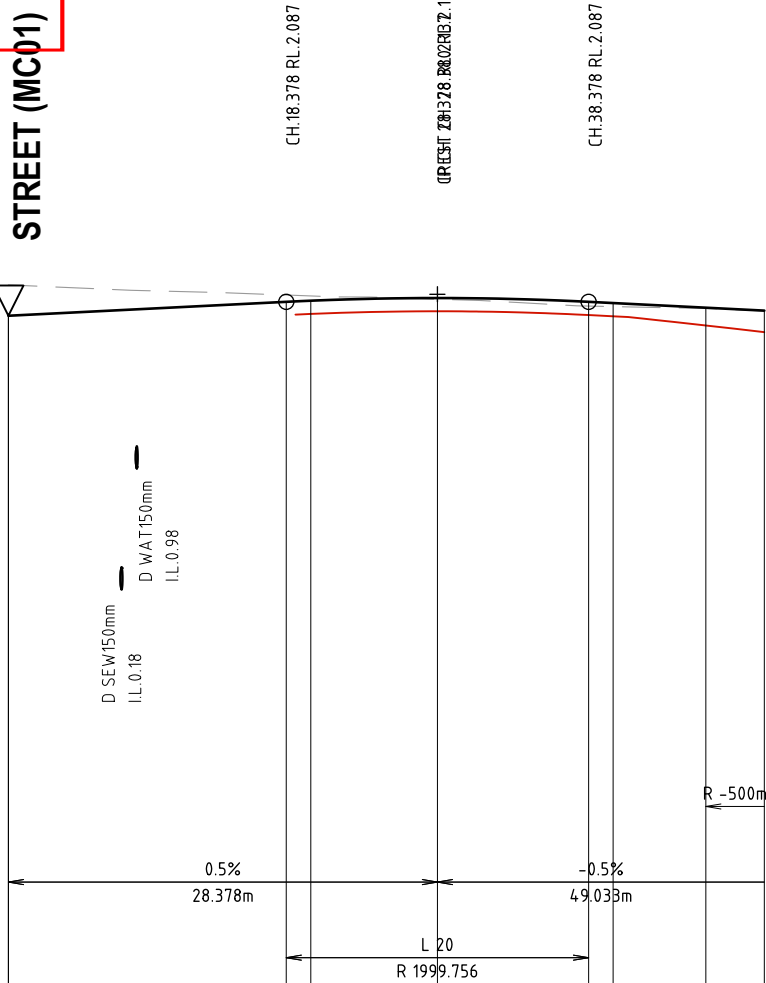
PLANS AND DOCUMENTS
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Date: 05/12/2022



HAMILTON
STREET (MC01)



Horiz Curve Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

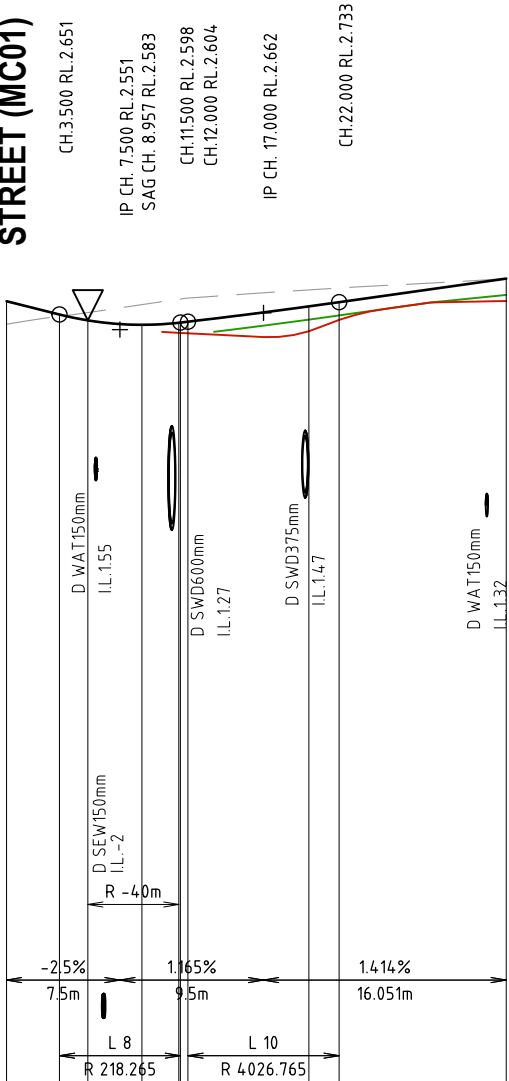
Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L. -3.000

VOLUMES	CUT			0.129			0.498		1.818				
	FILL			0.538			9.68		1.872				
LIP OF KERB LEVEL (RHS)					2.007	2.024		1.999	1.991	1.931	1.887		
LIP OF KERB LEVEL (LHS)					REFER DWG C-1011 FOR INTERSECTION DETAILS								
EXISTING CENTRLINE LEVELS		2.199			2.132	2.126		2.104		2.059	2.056	2.043	2.027
DESIGN CENTRELINE LEVELS		1.995	1.995		2.087	2.094		2.112		2.087	2.079	2.048	2.029
CHAINAGE		0	0		18.378	20		28.38		38.378	40	46.131	50

BANANA STREET SOUTH (MC02) LONGITUDINAL SECTION

HAMILTON
STREET (MC01)



Horiz Curve Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L. -3.000

VOLUMES	CUT		24.758	1.85	2.530	2.527	2.541	2.615	2.740
	FILL		1.85	2.530	2.527	2.541	2.615	2.740	2.740
LIP OF KERB LEVEL (RHS)	2.587	2.640	2.664	2.715	2.751	2.753	2.760	2.814	2.889
LIP OF KERB LEVEL (LHS)	2.739	2.651	2.612	2.583	2.597	2.598	2.604	2.705	2.889
EXISTING CENTRLINE LEVELS	2.587	2.640	2.664	2.715	2.751	2.753	2.760	2.814	2.889
DESIGN CENTRELINE LEVELS	2.739	2.651	2.612	2.583	2.597	2.598	2.604	2.705	2.889
CHAINAGE	0	3.5	5.377	8.957	11.396	11.5	12	20	33.051

OUTRIDGE STREET (MC03) LONGITUDINAL SECTION

REVISIONS	ISSUE DATE
5	
4	
3	
2	
1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
HORIZONTAL SCALE 1:500 (m)
0 5 10 15
0 0.5 1 1.5
VERTICAL SCALE 1:50 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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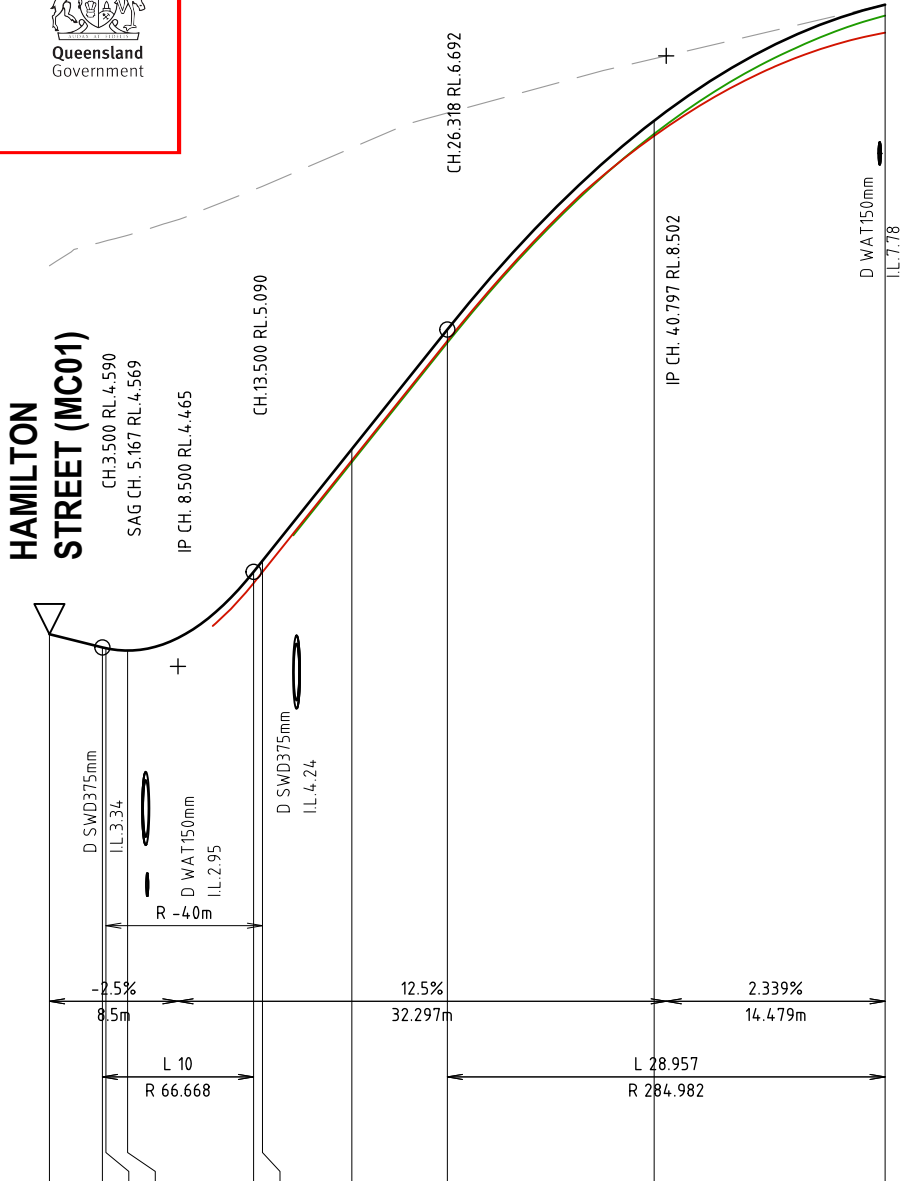
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TITLE: MC02 & MC03 LONGITUDINAL SECTIONS										A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION										No. 31 of 72 DRAWINGS
										Job No. FC-22-014-3A DWG No. C-1102
0	1	2	3	4	5					

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



Horiz Curve Data

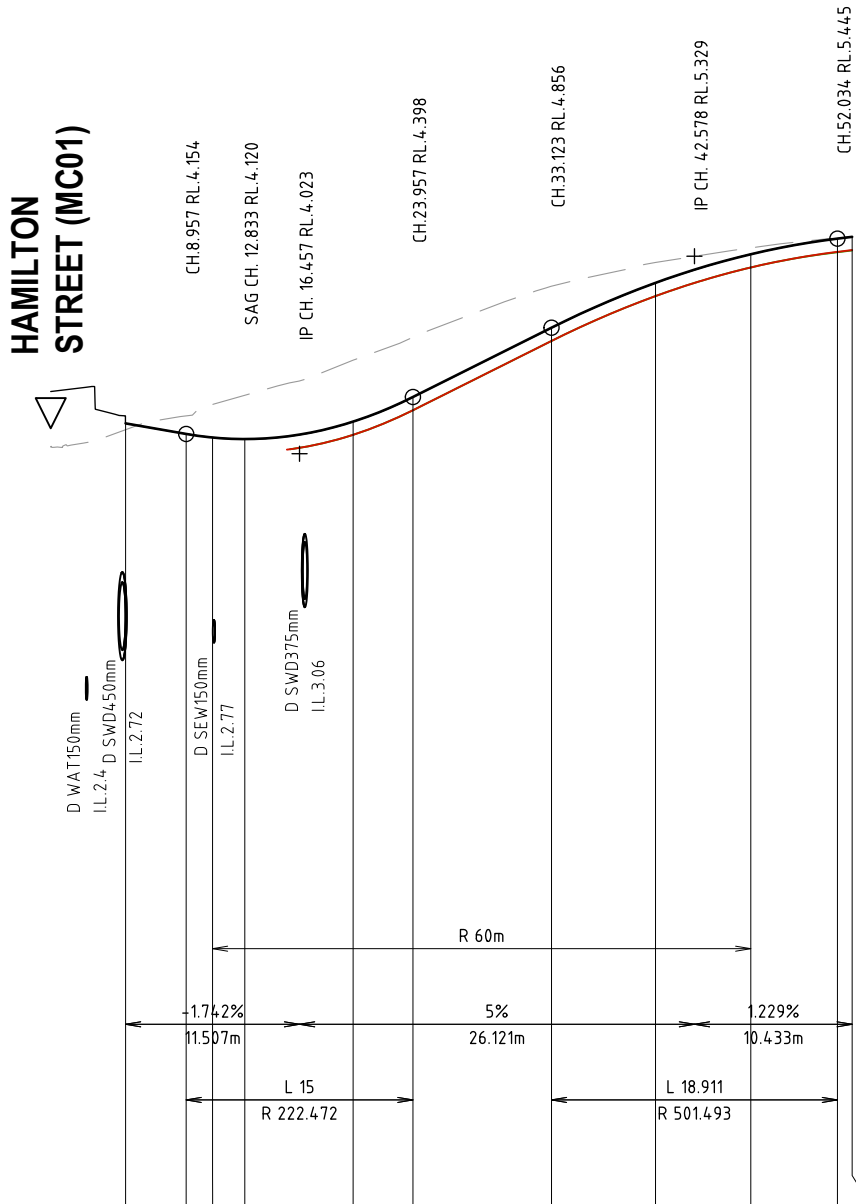
Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L. 1.000

VOLUMES	CUT		FILL		188.138		326.303		39.375	
					0		0.001		5.255	
LIP OF KERB LEVEL (RHS)					5.015		5.089		5.827	
LIP OF KERB LEVEL (LHS)					5.815		6.605		7.986	
EXISTING CENTRLINE LEVELS	7.114	7.272	7.278	7.315	7.614	7.639	7.893	8.124	8.483	8.840
DESIGN CENTRELINE LEVELS	4.677	4.590	4.584	4.569	5.090	5.164	5.902	6.692	8.074	8.841
CHAINAGE	0	3.5	3.735	5.167	13.5	14.09	20	26.318	40	55.275

HAMILTON STREET SOUTH (MC04) LONGITUDINAL SECTION



Horiz Curve Data

Vertical Geometry Grade (%)
Vertical Grade Length (m)

Vertical Curve Length (m)
Vertical Curve Radius (m)

DATUM R.L. -1.000

VOLUMES	CUT		FILL		45.425		144.983		10.235	
					0.05		0.134		1.7	
LIP OF KERB LEVEL (RHS)					4.148		4.769		5.255	
LIP OF KERB LEVEL (LHS)					4.148		4.769		5.255	
EXISTING CENTRLINE LEVELS	4.067	4.182	4.273	4.349	4.641	4.795	5.133	5.288	5.384	5.445
DESIGN CENTRELINE LEVELS	4.191	4.223	4.154	4.130	4.235	4.398	4.856	5.153	5.342	5.445
CHAINAGE	0	4.95	8.957	10.702	12.833	20	23.957	33.123	40	46.302

WEINAM STREET (MC05) LONGITUDINAL SECTION

REVISIONS	ISSUE DATE
5	
4	
3	
2	
1	RFI RESPONSE 06/10/2022
0	ISSUE FOR APPROVAL 8/8/2022

SCALE:
HORIZONTAL SCALE 1:500 (m)
0 5 10 15
0 0.5 1 1.5
VERTICAL SCALE 1:50 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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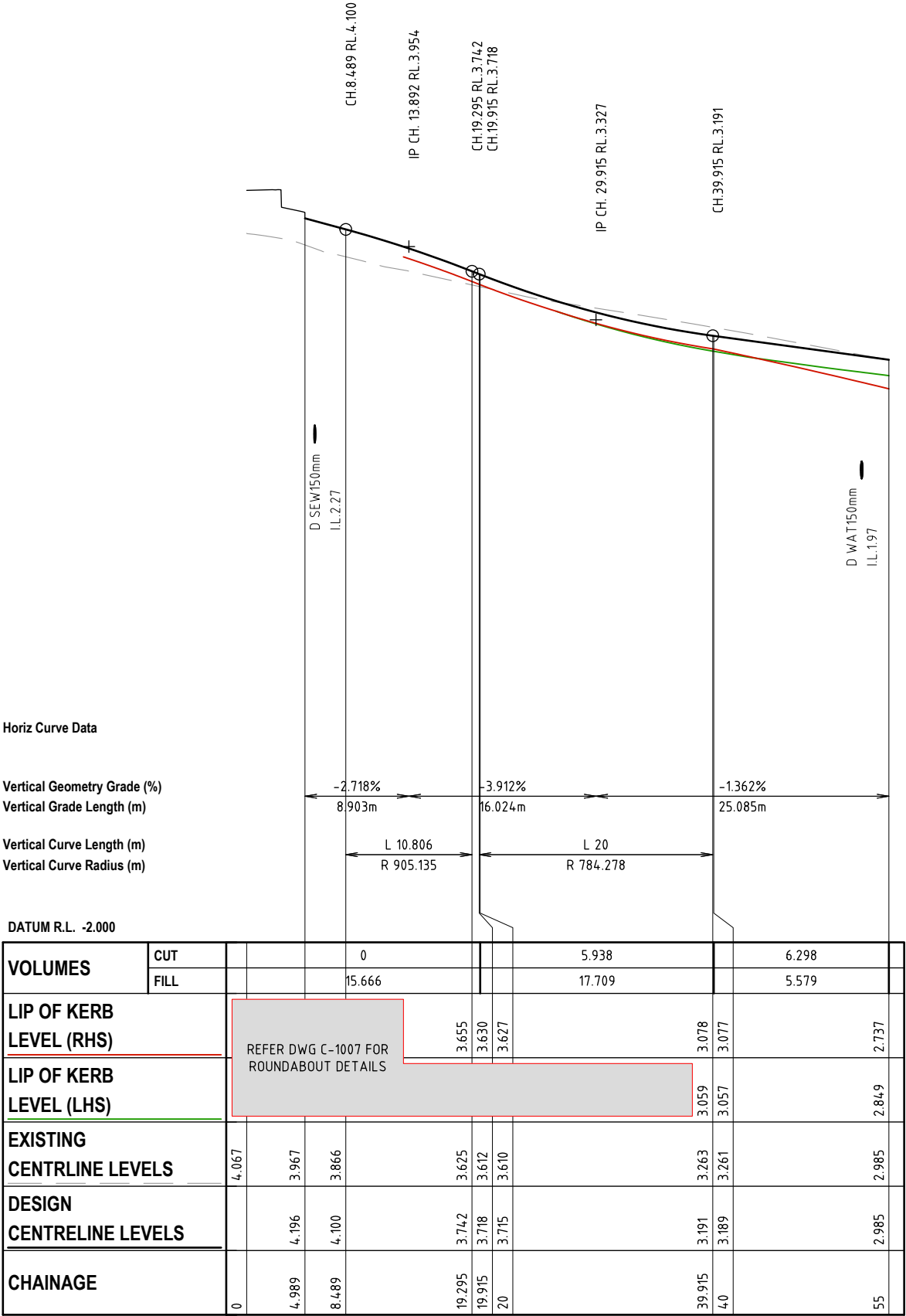
TITLE: MC04 & MC05 LONGITUDINAL SECTIONS		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A		No. 32 of 72 DRAWINGS	
WEINAM CREEK REDLAND BAY		Job No. FC-22-014-3A	
FOR REDLAND INVESTMENT CORPORATION		DWG No. C-1103	
		0 1 2 3 4 5	

PLOT DATE :- 6 October 2022 10:22 AM

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022


Queensland
Government



WEINAM STREET NORTH (MC06) LONGITUDINAL SECTION

REVISIONS

ISSUE DATE

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VERTICAL SCALE 1:100 (m)
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FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: MC06 LONGITUDINAL SECTIONS

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 33 of 72 DRAWINGS
Job No. FC-22-014-3A
DWG No. C-1104

012345

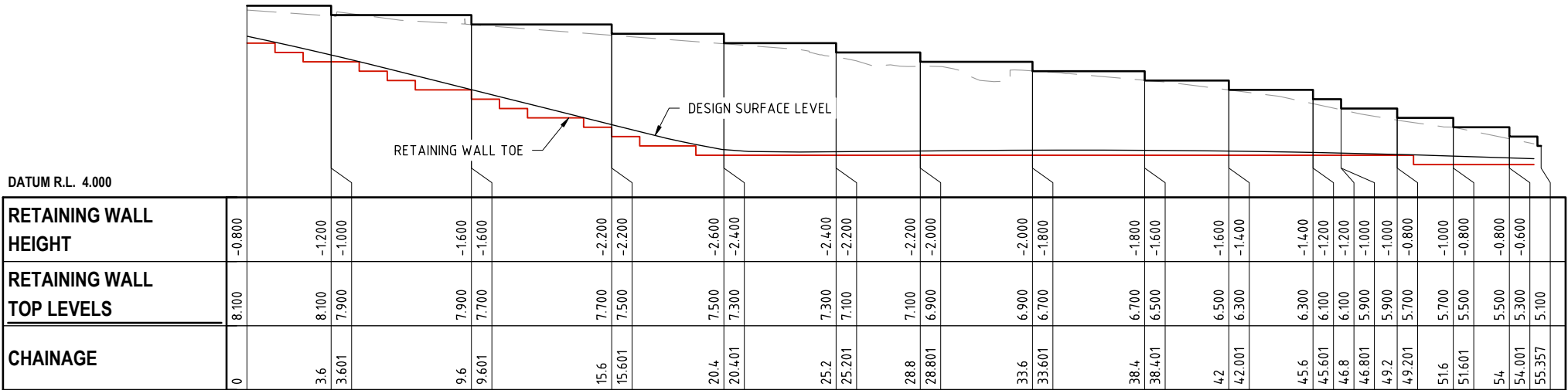
A3

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

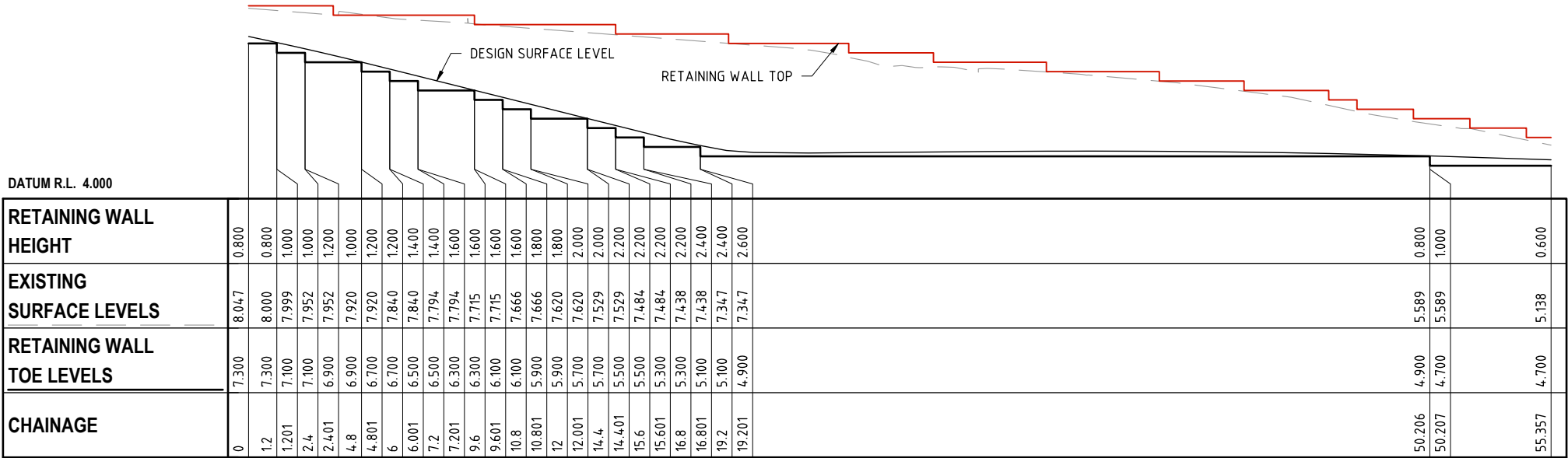


Approval no: DEV2022/1279

Date: 05/12/2022



RETAINING WALL 1 (RW01) TOP LONGITUDINAL SECTION



RETAINING WALL 1 (RW01) TOE LONGITUDINAL SECTION

REVISIONS	ISSUE DATE
5	
4	
3	
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1	RFI RESPONSE
0	ISSUE FOR APPROVAL
	06/10/2022
	8/8/2022

SCALE:
0 2 4 6 8
SCALE 1:250 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22

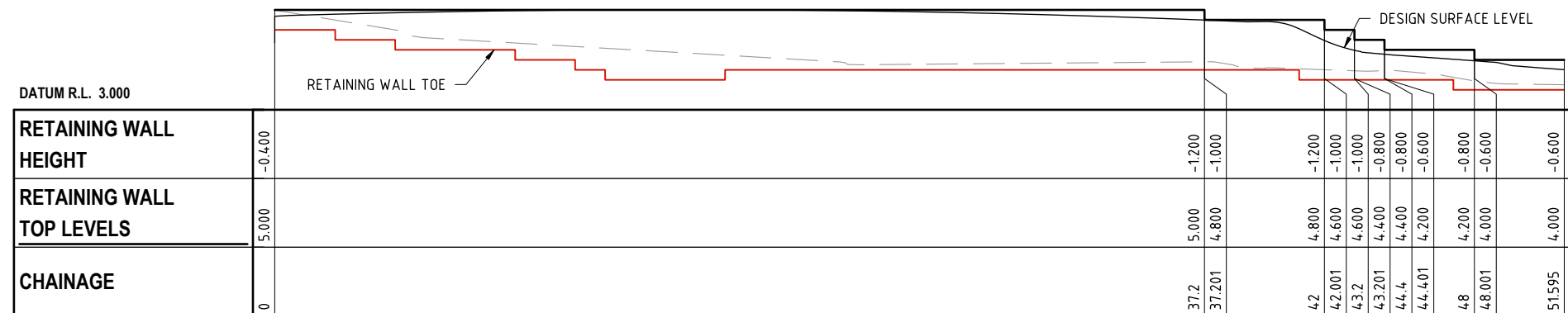


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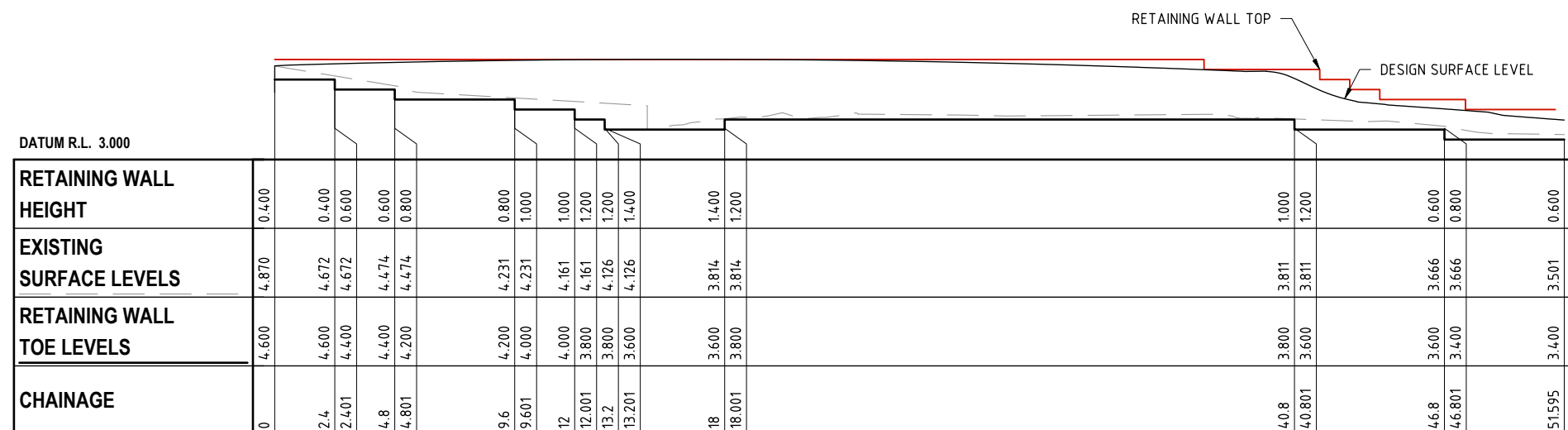
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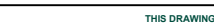
TITLE: RETAINING WALL (RW01) LONGITUDINAL SECTIONS	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 34 of 72 DRAWINGS
	Job No. FC-22-014-3A
	DWG No. C-1105
	0 1 2 3 4 5



RETAINING WALL 2 (RW02) TOP LONGITUDINAL SECTION



RETAINING WALL 2 (RW02) TOE LONGITUDINAL SECTION

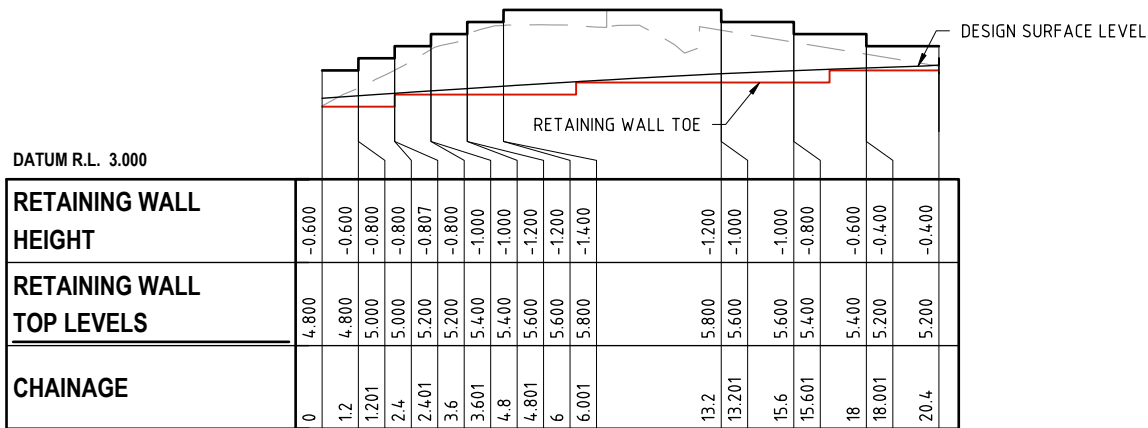
REVISIONS		ISSUE DATE	SCALE:	FOR APPROVAL		 		THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF ENGINEERING SOLUTIONS QLD PTY LTD. IT MUST NOT BE RETAINED, COPIED OR USED WITHOUT THE AUTHORITY OF ENGINEERING SOLUTIONS QLD PTY LTD.		TITLE: RETAINING WALL (RW02) LONGITUDINAL SECTIONS		A3					
5			 SCALE 1:250 (m)	APPROVED:		 	THIS DRAWING AND ITS CONTENTS ARE ELECTRONICALLY GENERATED, ARE CONFIDENTIAL AND MAY ONLY BE USED FOR THE PURPOSE FOR WHICH THEY WERE INTENDED. ENGINEERING SOLUTIONS QLD PTY LTD WILL NOT ACCEPT RESPONSIBILITY FOR ANY CONSEQUENCES ARISING FROM THE USE OF THE DRAWING FOR OTHER THAN ITS INTENDED PURPOSE OR WHERE THE DRAWING HAS BEEN ALTERED, AMENDED OR CHANGED EITHER MANUALLY OR ELECTRONICALLY BY ANY THIRD PARTY.	THIS IS AN UNCONTROLLED DOCUMENT ISSUED FOR INFORMATION PURPOSES ONLY. UNLESS THE CHECKED SECTIONS ARE SIGNED OR COMPLETED, FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED. DO NOT SCALE REDUCED SIZE DRAWINGS. VERIFY DIMENSIONS PRIOR TO COMMENCING ANY WORKS.	PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A		No. 35 of 72 DRAWINGS						
4												WEINAM CREEK REDLAND BAY		Job No. FC-22-014-3A		DWG No. C-1106	
3												FOR REDLAND INVESTMENT CORPORATION					
2																	
1	RFI RESPONSE	06/10/2022															
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN	RPEQ:26951 APPROVED DATE:06/10/22													

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

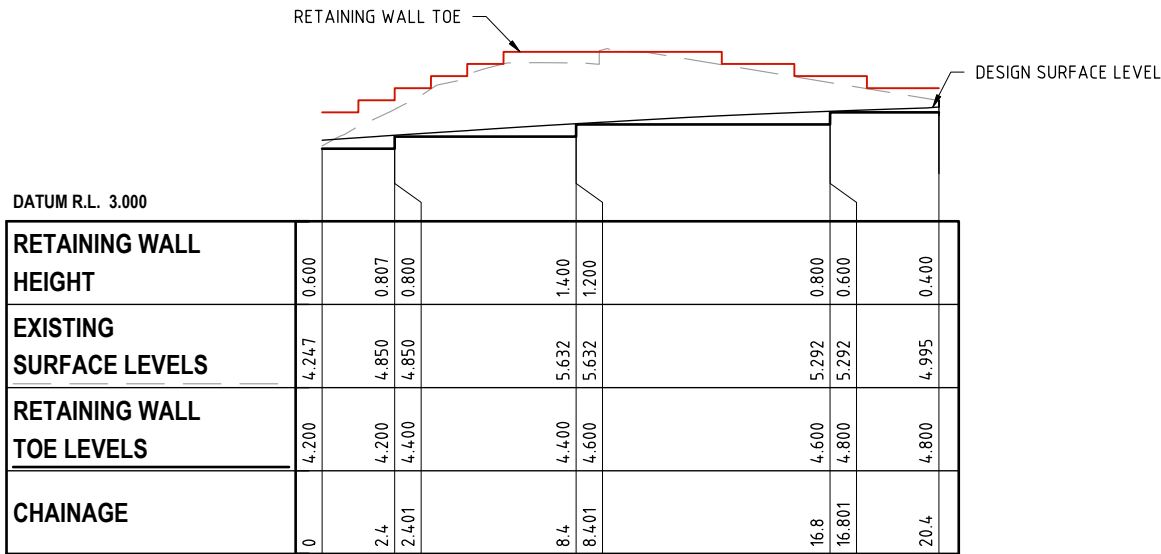


Approval no: DEV2022/1279

Date: 05/12/2022



RETAINING WALL 3 (RW03) TOP LONGITUDINAL SECTION



RETAINING WALL 3 (RW03) TOE LONGITUDINAL SECTION

REVISIONS	ISSUE DATE
5	
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1	RFI RESPONSE 06/10/2022
0	ISSUE FOR APPROVAL 8/8/2022

SCALE:

SCALE 1:250 (m)

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APPROVED:

RPEQ:26951

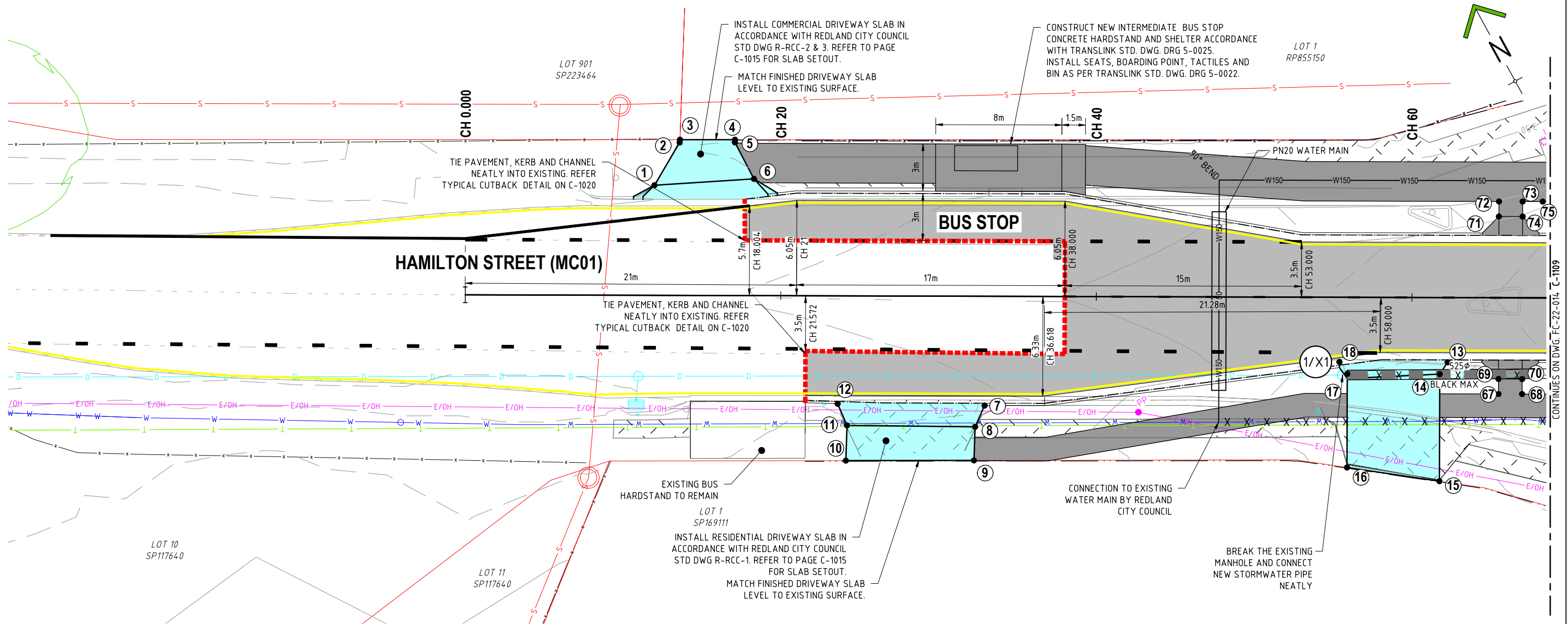
APPROVED DATE:06/10/22

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TITLE: RETAINING WALL (RW03) LONGITUDINAL SECTIONS		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 36 of 72 DRAWINGS
		Job No. FC-22-014-3A DWG No. C-1107
		0 1 2 3 4 5

**LEGEND**

	EXISTING 150Ø GRAVITY SEWER MAIN
	EXISTING POWERPOLE
	EXISTING WATERMAIN
	EXISTING WATER CONDUIT
	EXISTING DRAINAGE LINE
	EXISTING CONTOURS
	EXISTING LOT BATTERY
	EXISTING TOP OF BATTERY
	EXISTING TELCO LINE & STRUCTURE
	EXISTING UNDERGROUND ELECTRICITY LINE
	EXISTING OVER HEAD ELECTRICITY LINE
	EXISTING CONCRETE EDGE LINE
	EXISTING RETAINING WALL
	EXISTING PAVEMENT SURFACING
	EXISTING CONCRETE
	EXISTING ROAD CENTRELINE
	EXISTING KERB AND CHANNEL
	PROPOSED SLEEPER RETAINING WALL

	PROPOSED TOP OF BATTERY
	PROPOSED CHANGE OF GRADE
	PROPOSED LOT
	PROPOSED MAJOR CONTOURS
	PROPOSED MINOR CONTOURS
	PROPOSED PAVEMENT SURFACING
	PROPOSED CONCRETE
	PROPOSED ROCK
	MILLING & CORRECTOR COURSE WORKS
	PROPOSED DRIVEWAY
	PROPOSED CUTBACK LINE
	PROPOSED EDGE OF BITUMEN
	PROPOSED GUIDEPOST
	PROPOSED KERB AND CHANNEL
	PROPOSED ROAD SIGNAGE
	PROPOSED BOTTOM OF BATTERY
	PROPOSED SURFACE DRAIN

	PROPOSED DRAINAGE STRUCTURE NUMBER
	PROPOSED DRAINAGE SWALE
	PROPOSED SEWER HOUSE CONNECTION
	PROPOSED SEWER MANHOLE
	PROPOSED 150Ø SEWER MAIN
	PROPOSED 225Ø SEWER MAIN
	PROPOSED 150Ø WATERMAIN
	PROPOSED DEAD END CAP
	PROPOSED FIRE HYDRANT
	PROPOSED STOP/SUICE VALVE
	PROPOSED DRAINAGE LINE
	SERVICES DECOMMISSION
	PROPOSED DRAINAGE STRUCTURE

GENERAL NOTES:

- ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
- FOR LINE MARKING AND SIGNAGE DETAILS REFER 200 SERIES DRAWINGS.
- FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
- FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
- FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
- CONSTRUCT KERB RAMPS IN ACCORDANCE WITH IPWEA STD DWG. RS-090
- CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
- FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



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REVISIONS	ISSUE DATE
5	
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE: 06/10/22

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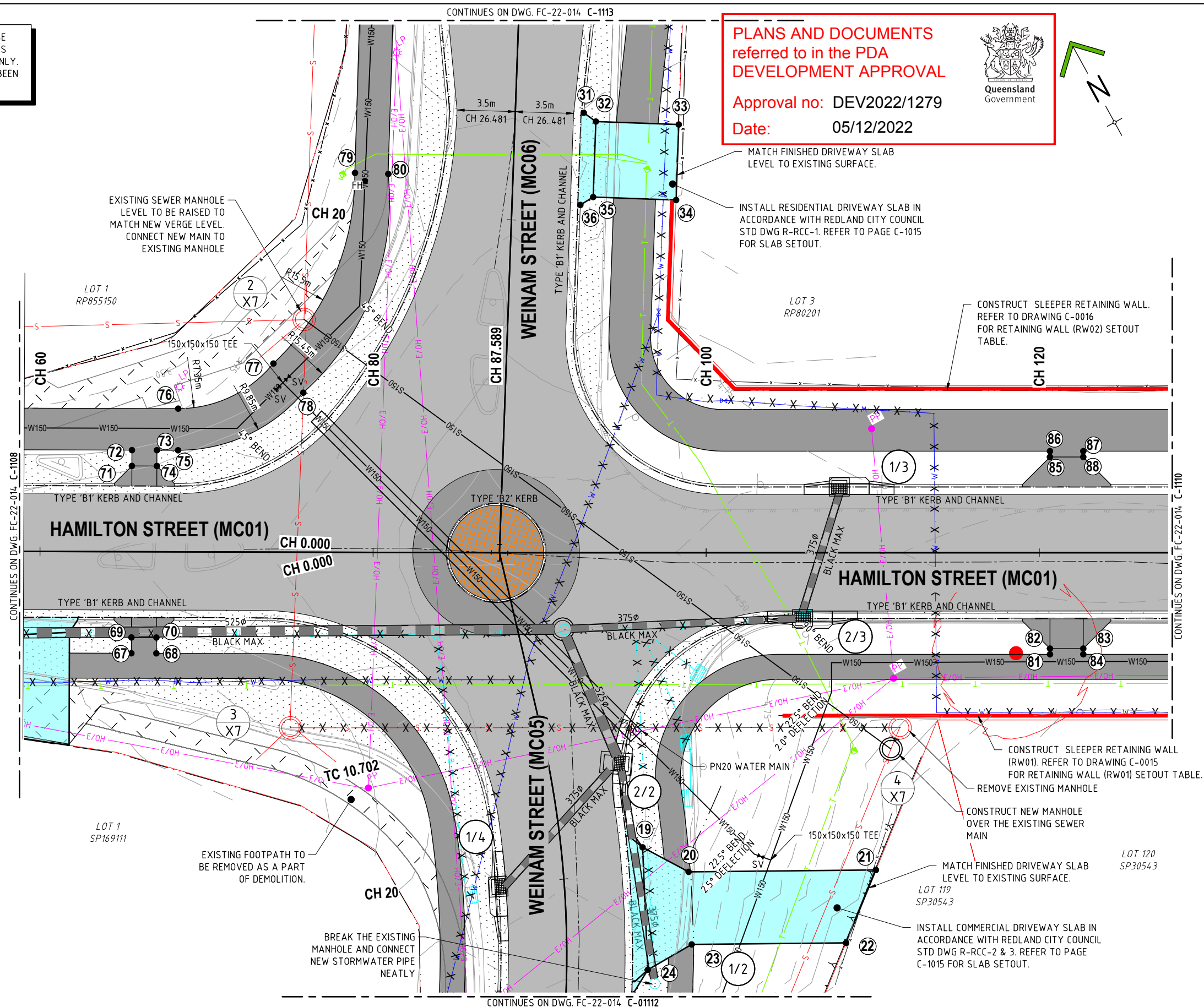
TITLE: DESIGN DETAIL - SHEET 1

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 37 of 72 DRAWINGS									
Job No.					DWG No.				
FC-22-014-3A					C-1108				
0	1	2	3	4	5				

1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
2. FOR LINE MARKING AND SIGNAGE DETAILS REFER 200 SERIES DRAWINGS.
3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMPS IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0200 FOR DRAWING LEGEND.

SUPPLY AND INSTALLATION OF ALL RETAINING WALLS TO BE ADBRI CONCRETE SLEEPER RETAINING WALL SYSTEM OR APPROVED EQUIVALENT.



	REVISIONS	ISSUE DATE
5		
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1	RFI RESPONSE	06/10/2022
0	ISSUE FOR APPROVAL	8/8/2022

SCALE:



SCALE 1:250 (m)

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APPROVED: 
RPEQ:26951
APPROVED DATE: 06/10/22



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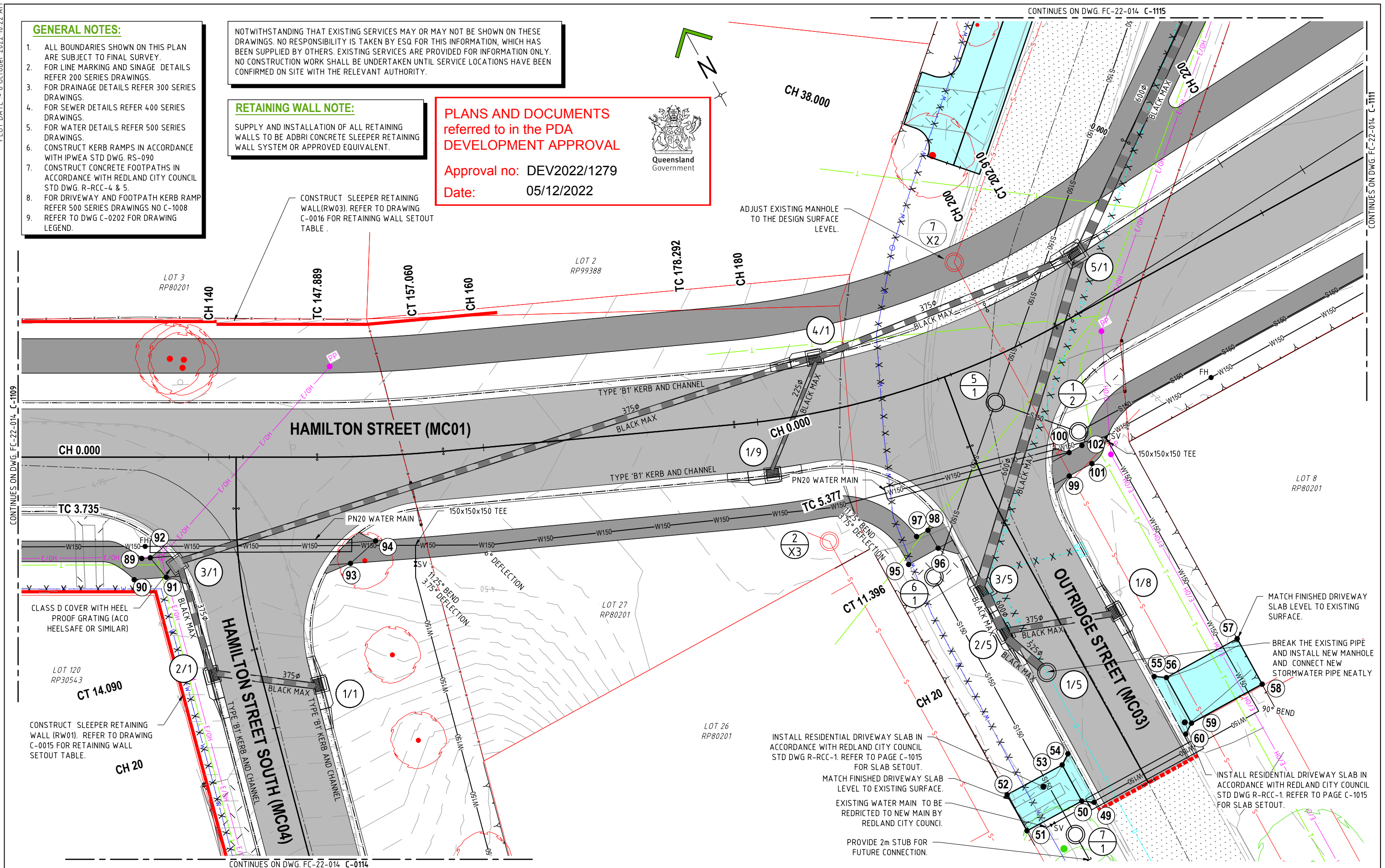
TITLE: DESIGN DETAIL - SHEET 2	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	

No. 38 of 72 DRAWINGS									
Job No. FC-22-014-3A					DWG No. C-1109				
0	1	2	3	4	5				

1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
2. FOR LINE MARKING AND SIGNAGE DETAILS REFER 200 SERIES DRAWINGS.
3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMPS IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0202 FOR DRAWING LEGEND.

SUPPLY AND INSTALLATION OF ALL RETAINING WALLS TO BE ADBRI CONCRETE SLEEPER RETAINING WALL SYSTEM OR APPROVED EQUIVALENT.

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	REVISIONS	ISSUE DATE
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1	RFI RESPONSE	06/10/2022
0	ISSUE FOR APPROVAL	8/8/2022

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PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

Job No.	DWG No.
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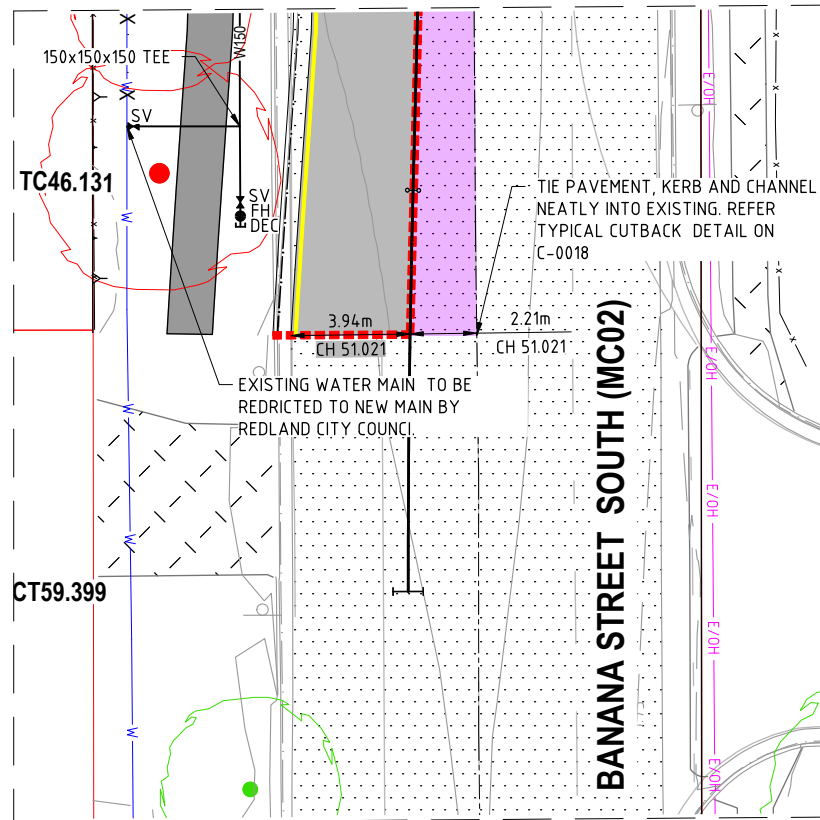
FC-22-014-3A C-1110

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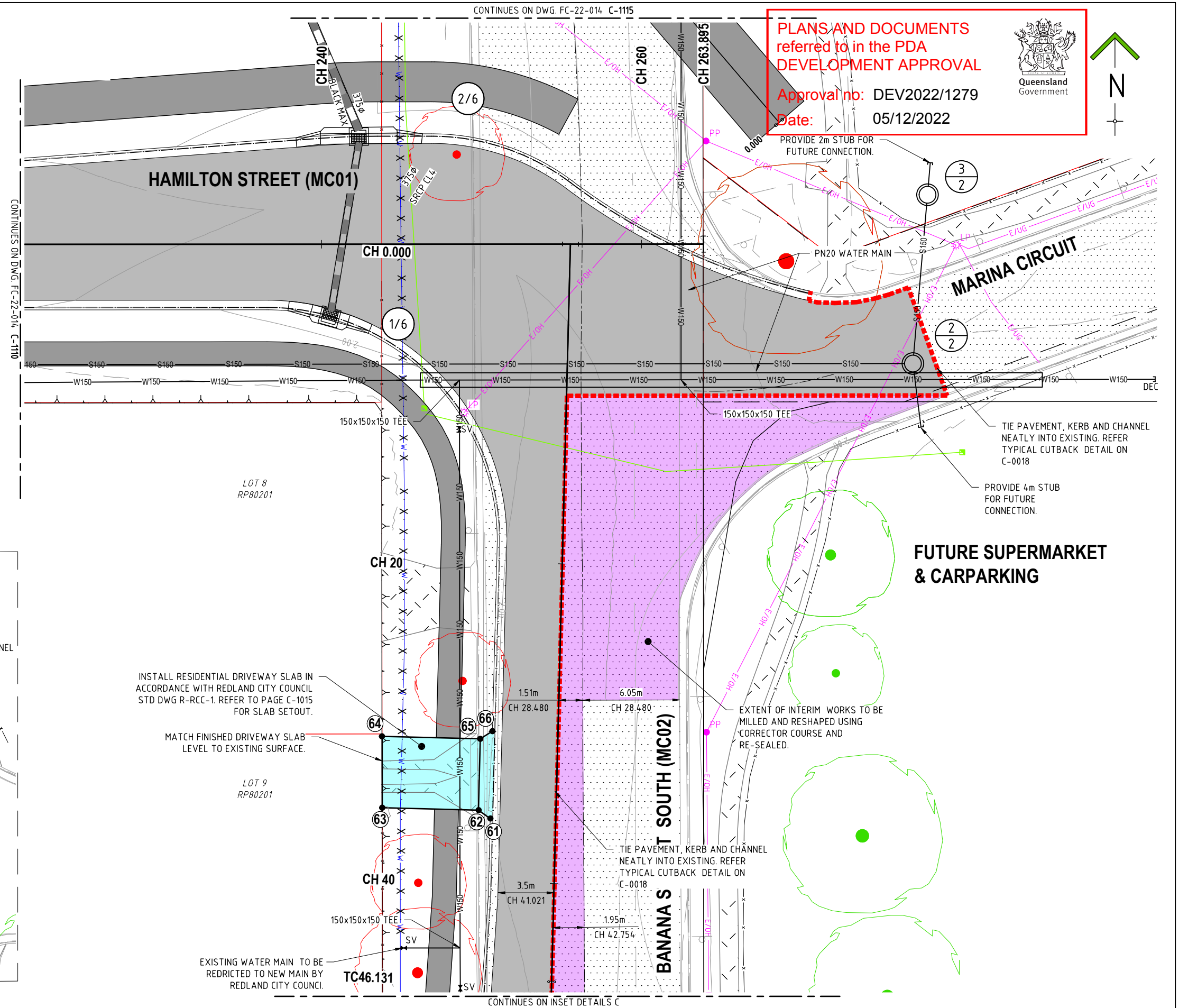
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GENERAL NOTES:

1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
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3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMP IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0202 FOR DRAWING LEGEND.



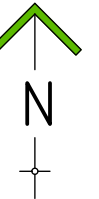
INSET DETAIL C



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:



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FOR APPROVAL

APPROVED:

[Signature]

RPEQ:26951

APPROVED DATE: 06/10/22



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INVESTMENT CORPORATION

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TITLE: DESIGN DETAIL - SHEET 4

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 40 of 72 DRAWINGS

Job No. DWG No.

FC-22-014-3A C-1111

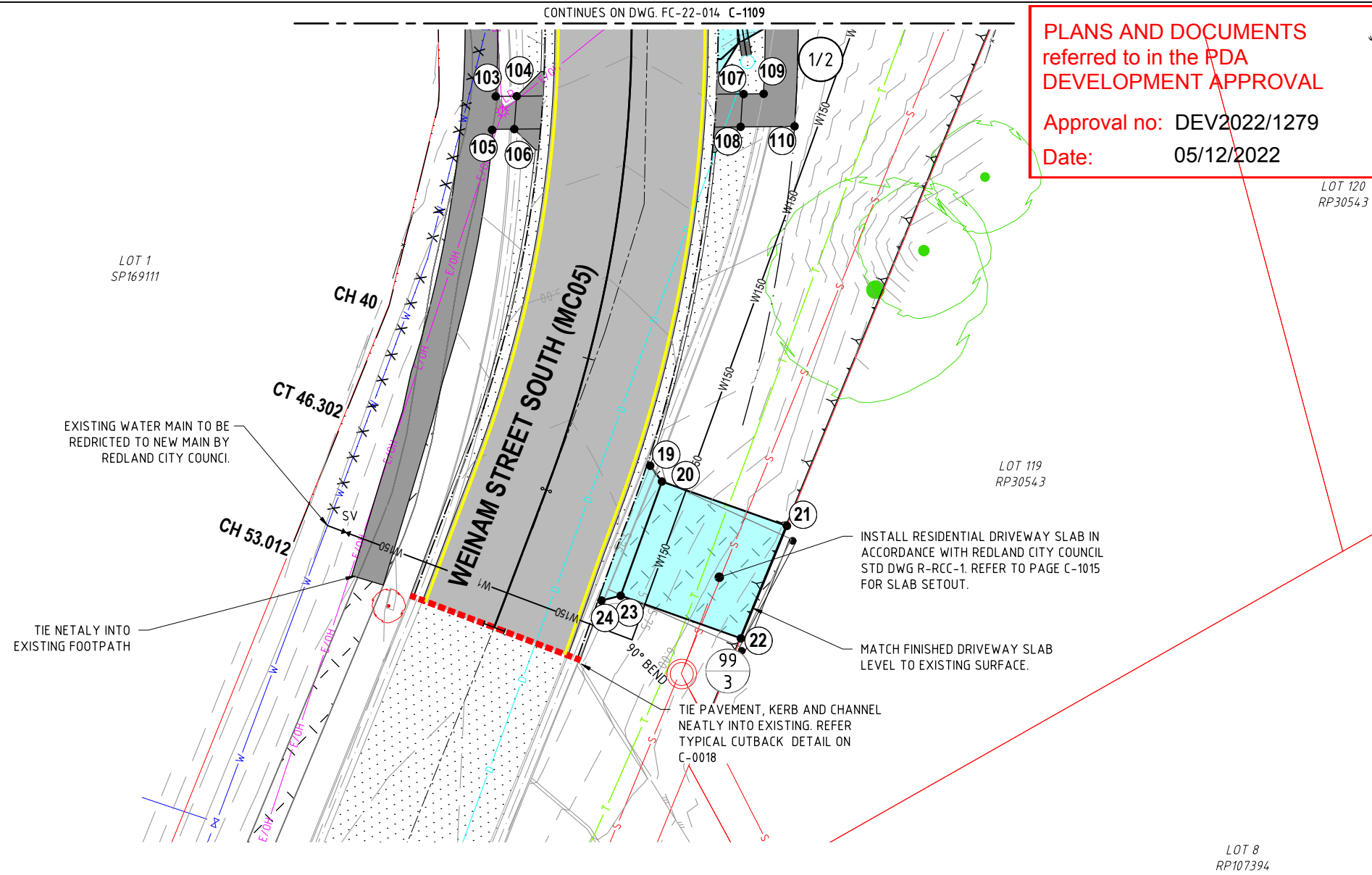
0 1 2 3 4 5

A3

PLOT DATE :- 6 October 2022 10:22 AM

GENERAL NOTES:

1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
2. FOR LINE MARKING AND SINAGE DETAILS REFER 200 SERIES DRAWINGS.
3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMP IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0202 FOR DRAWING LEGEND.



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



LOT 120
RP30543

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REVISIONS	ISSUE DATE	SCALE:
5		0 2 4 6 8 SCALE 1:250 (m)
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1 RFI RESPONSE	06/10/2022	
0 ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN

FOR APPROVAL

APPROVED:

RPEQ:26951

APPROVED DATE:06/10/22



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TITLE: DESIGN DETAIL - SHEET 5

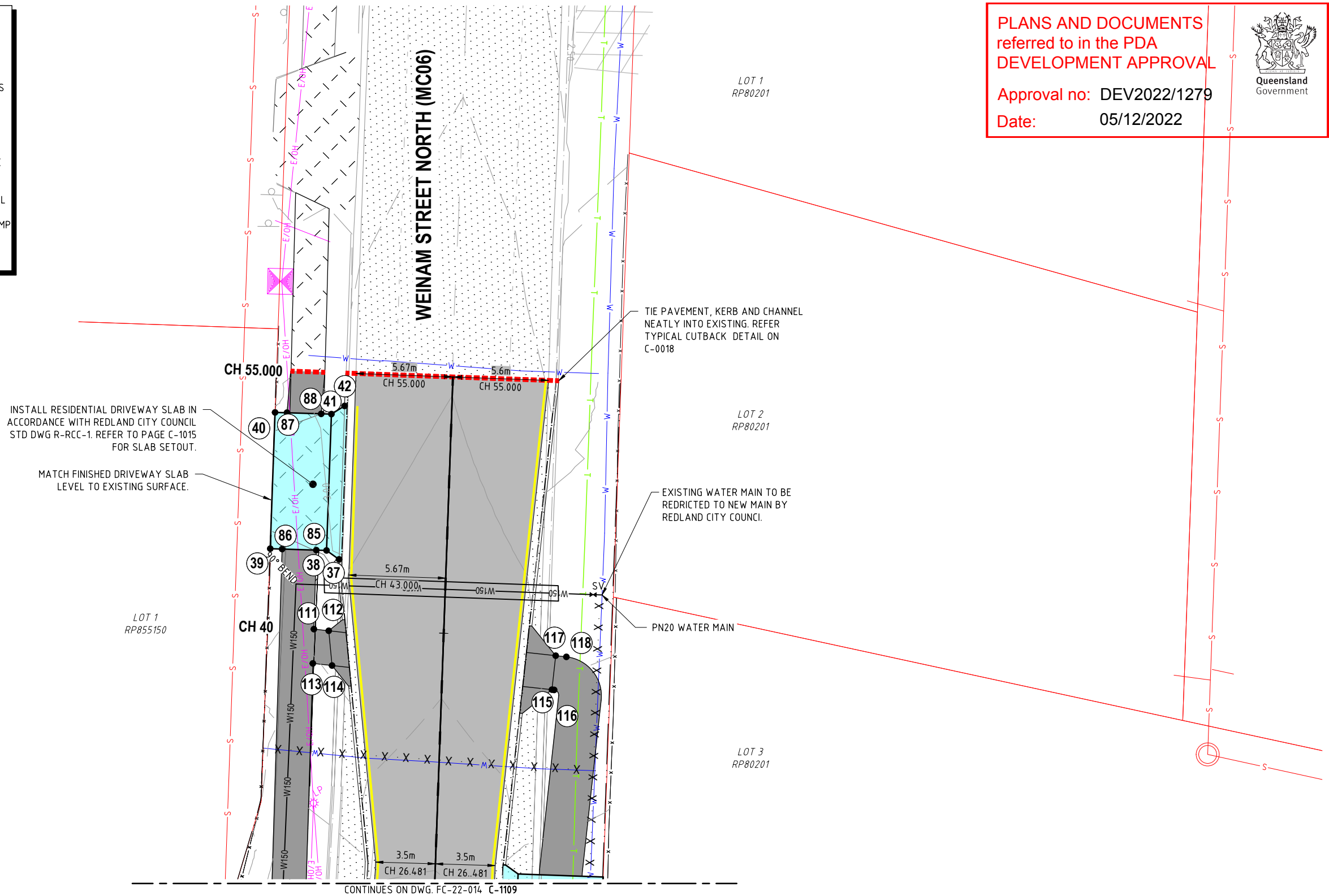
PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 41 of 72 DRAWINGS	DWG No.
FC-22-014-3A	C-1112
0 1 2 3 4 5	

A3

GENERAL NOTES:

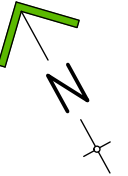
1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
2. FOR LINE MARKING AND SIGNAGE DETAILS REFER 200 SERIES DRAWINGS.
3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMP IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0202 FOR DRAWING LEGEND.



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

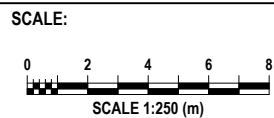
Approval no: DEV2022/1279

Date: 05/12/2022



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0 ISSUE FOR APPROVAL	8/8/2022



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RPEQ:26951
APPROVED DATE: 06/10/22



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TITLE: DESIGN DETAIL - SHEET 6
PROJECT: **WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A**
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 42 of 72 DRAWINGS									
Job No. FC-22-014-3A					DWG No. C-1113				
0	1	2	3	4	5				

A3

PLOT DATE :- 6 October 2022 10:22 AM

CONTINUES ON DWG. FC-22-014 C-1110

GENERAL NOTES:

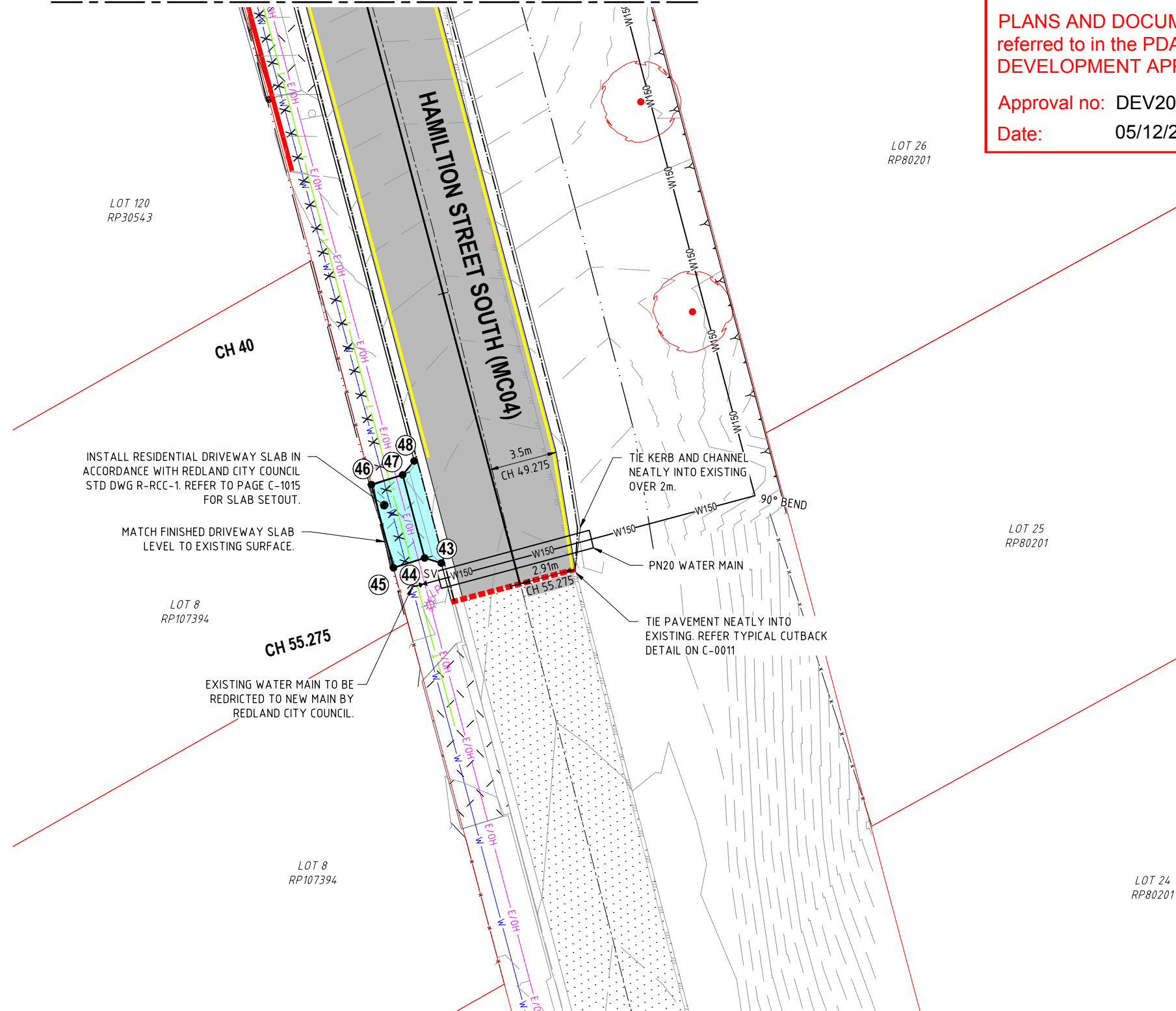
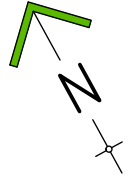
1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
2. FOR LINE MARKING AND SIGNAGE DETAILS REFER 200 SERIES DRAWINGS.
3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMP IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0202 FOR DRAWING LEGEND.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL



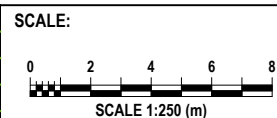
Approval no: DEV2022/1279

Date: 05/12/2022



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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022



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APPROVED:

RPEQ:26951

APPROVED DATE:06/10/22



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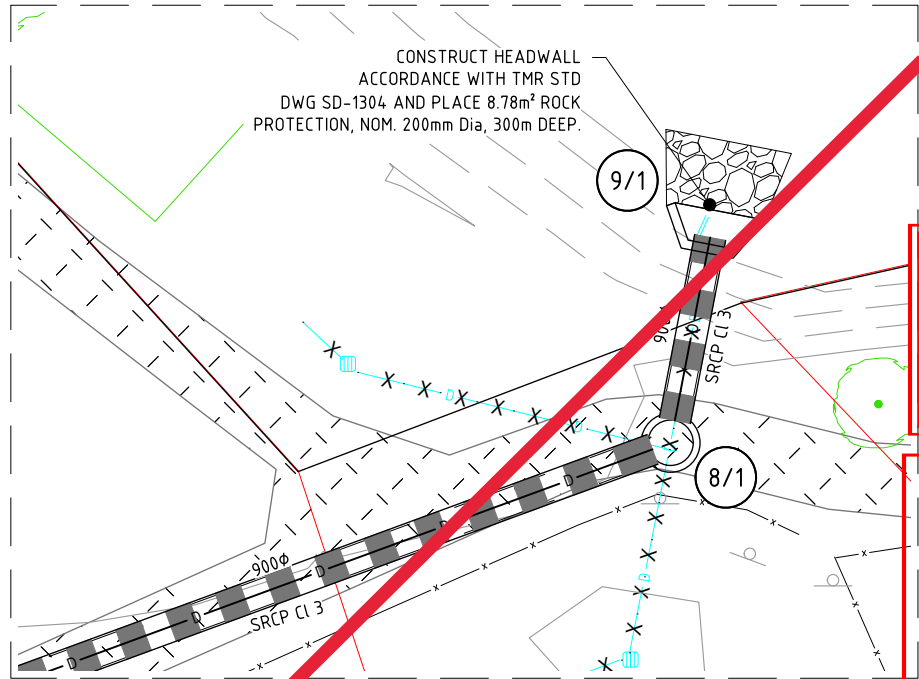
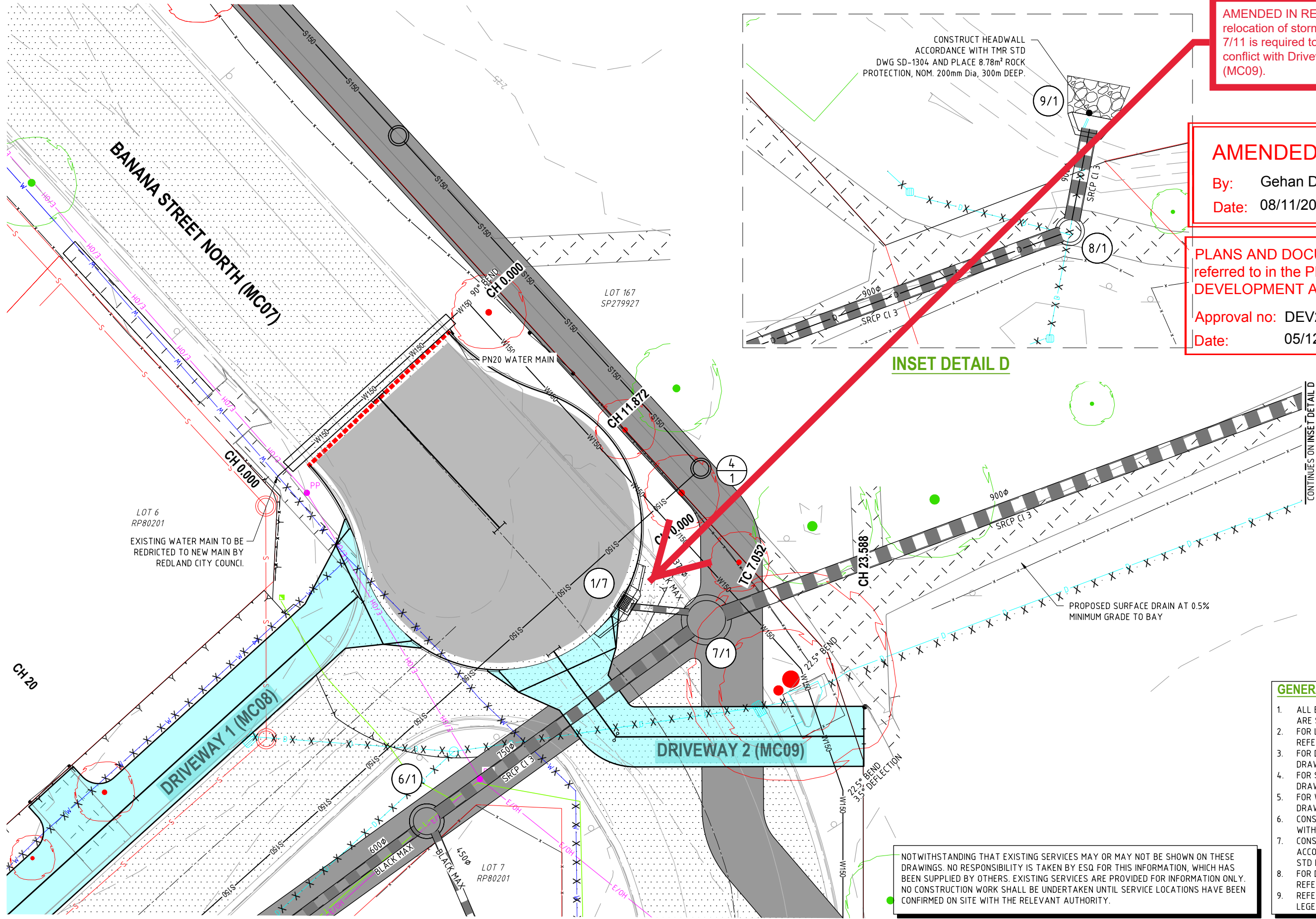
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TITLE: DESIGN DETAIL - SHEET 7

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 43 of 72 DRAWINGS
Job No. DWG No.
FC-22-014-3A C-1114
0 1 2 3 4 5

A3



INSET DETAIL D

AMENDED IN RED: minor relocation of stormwater pit 7/11 is required to avoid conflict with Driveway 2 (MC09).

AMENDED IN RED

By: Gehan DeSilva

Date: 08/11/2022

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



GENERAL NOTES:

1. ALL BOUNDARIES SHOWN ON THIS PLAN ARE SUBJECT TO FINAL SURVEY.
2. FOR LINE MARKING AND SINE DETAILS REFER 200 SERIES DRAWINGS.
3. FOR DRAINAGE DETAILS REFER 300 SERIES DRAWINGS.
4. FOR SEWER DETAILS REFER 400 SERIES DRAWINGS.
5. FOR WATER DETAILS REFER 500 SERIES DRAWINGS.
6. CONSTRUCT KERB RAMPS IN ACCORDANCE WITH IPWEA STD DWG. RS-090
7. CONSTRUCT CONCRETE FOOTPATHS IN ACCORDANCE WITH REDLAND CITY COUNCIL STD DWG. R-RCC-4 & 5.
8. FOR DRIVEWAY AND FOOTPATH KERB RAMP REFER 500 SERIES DRAWINGS NO C-1008
9. REFER TO DWG C-0202 FOR DRAWING LEGEND.

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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: DESIGN DETAIL - SHEET 8
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 44 of 72 DRAWINGS
Job No. DWG No.
FC-22-014-3A C-1115
0 1 2 3 4 5

A3

DRIVEWAY POINT TABLE

POINT ID	EASTING	NORTHING
1	30306.046	144035.983
2	30308.746	144037.588
3	30308.838	144037.745
4	30311.909	144036.061
5	30311.823	144035.914
6	30311.769	144033.307
7	30317.678	144013.680
8	30316.506	144012.787
9	30315.417	144010.958
10	30308.292	144014.850
11	30309.430	144016.772
12	30309.566	144018.260
13	30344.733	144001.971
14	30343.933	144001.556
15	30340.651	143995.615
16	30335.933	143999.194
17	30338.801	144004.389
18	30338.726	144005.287
19	30367.901	143973.683
20	30369.617	143971.062
21	30379.531	143965.753
22	30375.853	143962.777
23	30367.681	143967.153
24	30364.634	143967.083
25	30351.846	143952.121
26	30351.983	143951.216
27	30356.001	143946.712
28	30351.690	143943.222
29	30347.814	143947.566
30	30346.940	143947.796
31	30386.015	144014.058
32	30386.399	144013.247
33	30390.678	144010.697
34	30388.354	144006.799
35	30384.076	144009.349
36	30383.171	144009.306

DRIVEWAY SETOUT TABLE CONTD.

POINT ID	EASTING	NORTHING
37	30386.065	144034.416
38	30385.675	144035.226
39	30382.846	144036.911
40	30386.919	144043.751
41	30389.762	144042.080
42	30390.664	144042.130
43	30398.126	143917.145
44	30397.510	143917.777
45	30395.881	143918.101
46	30396.928	143922.354
47	30398.560	143922.020
48	30399.417	143922.360
49	30459.188	143915.194
50	30458.445	143915.703
51	30453.912	143915.724
52	30453.909	143918.719
53	30458.457	143918.695
54	30459.210	143919.201
55	30467.408	143921.113
56	30468.159	143920.612
57	30474.017	143920.618
58	30474.021	143916.847
59	30468.155	143916.836
60	30467.404	143916.340
61	30521.016	143910.965
62	30520.280	143911.494
63	30514.261	143911.648
64	30514.256	143916.109
65	30520.393	143915.953
66	30521.155	143916.433

FOOTPATH SETOUT TABLE

POINT ID	EASTING	NORTHING
67	30346.588	143998.662
68	30347.901	143997.937
69	30347.047	143999.494
70	30348.360	143998.769
71	30352.026	144008.511
72	30352.485	144009.342
73	30353.798	144008.617
74	30353.339	144007.786
75	30354.901	144008.008
76	30356.110	144010.197
77	30362.428	144009.821
78	30363.160	144007.423
79	30372.225	144017.502
80	30373.949	144016.487
81	30394.923	143972.082
82	30395.089	143972.385
83	30396.843	143971.423
84	30396.677	143971.121
85	30400.621	143982.472
86	30400.790	143982.779
87	30402.543	143981.818
88	30402.375	143981.511
89	30407.024	143964.008
90	30405.802	143962.915
91	30407.932	143961.948
92	30407.609	143963.755
93	30420.153	143956.395
94	30422.544	143956.956
95	30455.675	143936.826
96	30458.125	143936.830
97	30457.155	143938.328
98	30458.106	143938.328
99	30469.000	143936.846
100	30469.808	143938.347
101	30470.873	143936.849
102	30470.871	143938.349
103	30353.774	143970.291
104	30354.614	143969.842
105	30352.953	143969.029
106	30353.795	143968.579
107	30363.711	143964.970
108	30362.908	143963.699
109	30364.552	143964.520
110	30365.078	143962.536
111	30382.814	144031.547
112	30383.530	144031.045
113	30381.796	144029.818
114	30382.722	144029.169
115	30393.318	144021.747
116	30393.424	144021.672
117	30394.465	144023.385
118	30394.981	144023.024

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



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5			NTS	APPROVED:				PROJECT:		No. 45 of 72 DRAWINGS								
4				WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A				Job No.		DWG No.								
3				WEINAM CREEK REDLAND BAY				FC-22-014-3A		C-1116								
2				FOR REDLAND INVESTMENT CORPORATION														
1	RFI RESPONSE	06/10/2022		RPEQ:26951														
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN	APPROVED DATE:06/10/22														

PLOT DATE: - 6 October 2022 10:22 AM

LINEMARKING SETOUT TABLE

POINT ID	EASTING	NORTHING
1	30325.460	144017.296
2	30349.658	144003.935
3	30354.064	144005.452
4	30359.982	144002.194
5	30360.163	143998.135
6	30362.830	144001.208
7	30366.673	144001.402
8	30372.040	144005.477
9	30378.823	144016.897
10	30397.036	144040.569
11	30380.003	144011.998
12	30373.858	144001.691
13	30377.431	143997.746
14	30367.754	143998.334
15	30363.785	143992.482
16	30369.637	143988.513
17	30373.606	143994.365
18	30362.017	143986.142
19	30366.242	143983.853
20	30364.275	143977.729
21	30362.058	143972.626
22	30373.591	143982.800
23	30378.952	143987.799
24	30397.199	143977.792
25	30400.267	143976.109
26	30411.697	143969.840
27	30404.695	143969.689
28	30414.896	143964.094
29	30412.636	143959.309
30	30411.027	143954.269
31	30410.087	143950.472
32	30428.464	143960.967
53	30263.209	144048.092
54	30270.960	144051.592
55	30340.283	144013.109
56	30341.276	144004.565

LINEMARKING

PAVEMENT MARKING DIMENSIONS

TRANSVERSE LINES

		WIDTH (mm)	LABEL
Continuity Line		200	GL
Give Way Line		300	GL

LONGITUDINAL LINES

Both Directions		80 80	BLBD
No Stopping		100	YL
Broken		100	BLL
Unbroken		100	ULL
Outline Markings		150	OL
Edge Lines		150	EL

REVISIONS	ISSUE DATE
5	
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
SCALE 1:500 (m)
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FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE: 06/10/22



REDLAND
INVESTMENT CORPORATION

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TITLE: LINE MARKING AND SIGNAGE DRAWING - SHEET 1

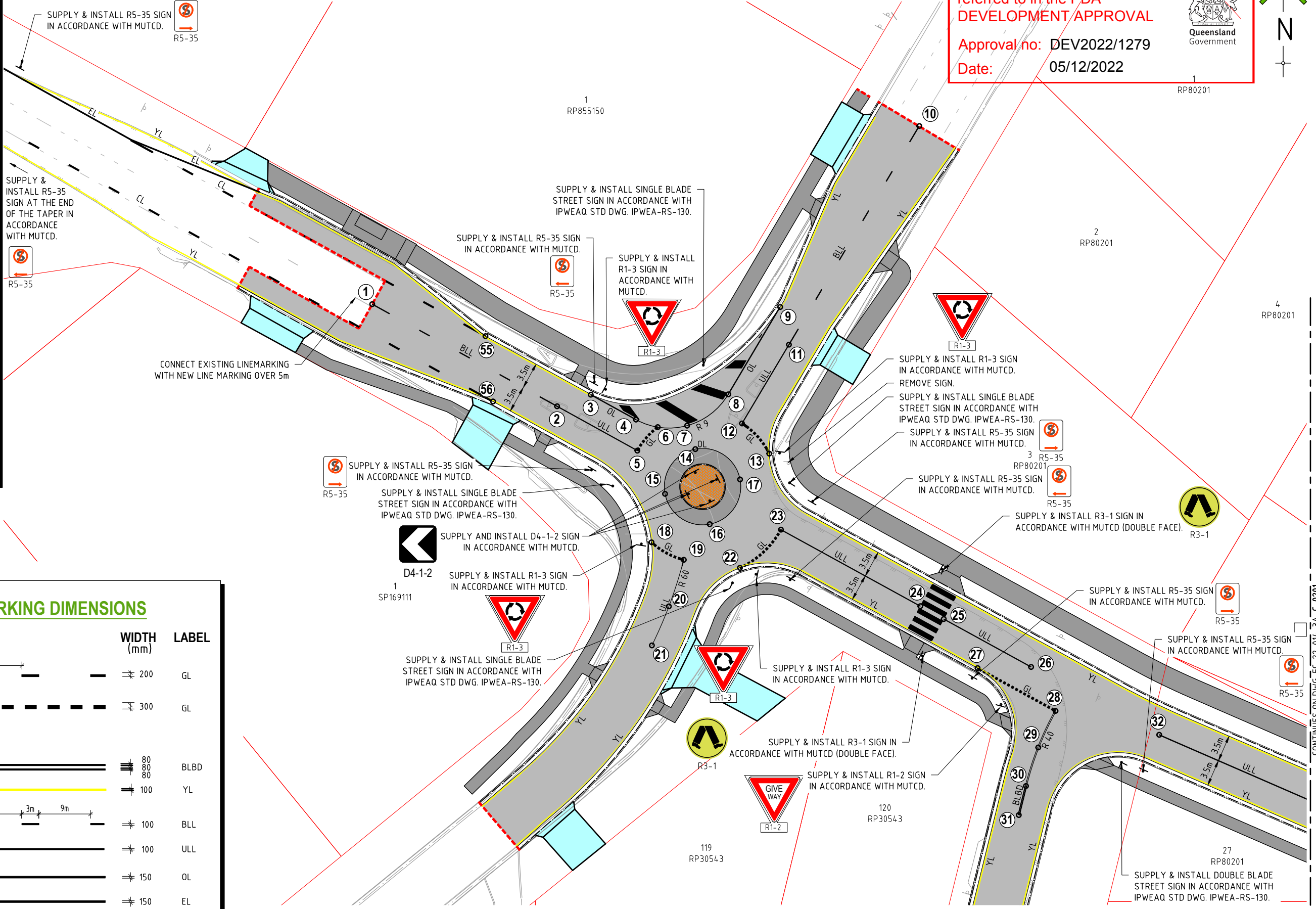
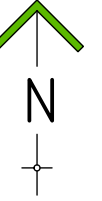
PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 46 of 72 DRAWINGS
Job No. FC-22-014-3A
DWG No. C-1200
0 1 2 3 4 5

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



CONTINUES ON DWG: FC-22-014-3A C-0201

LINEMARKING SETOUT TABLE

POINT ID	EASTING	NORTHING
33	30449.447	143951.834
34	30454.340	143949.957
35	30459.378	143948.514
36	30453.322	143946.607
37	30464.031	143944.051
38	30463.458	143940.147
39	30463.273	143936.205
40	30463.288	143929.600
41	30474.609	143946.863
42	30507.159	143946.875
43	30511.717	143949.350
44	30515.793	143944.682
45	30519.567	143946.543
46	30522.561	143938.763
47	30522.400	143938.708
48	30533.924	143927.337
49	30533.890	143937.704
50	30538.106	143937.836
51	30542.239	143938.674
52	30548.383	143940.793

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



AMENDED IN RED

By: Gehan DeSilva
Date: 08/11/2022



AMENDED IN RED: The turn path for the right turn movement of the 14.5m bus into Marina Circuit traverses the 'Give Way' line. Amend the location of the 'Give Way' line with sight distance criteria addressed.

LINEMARKING

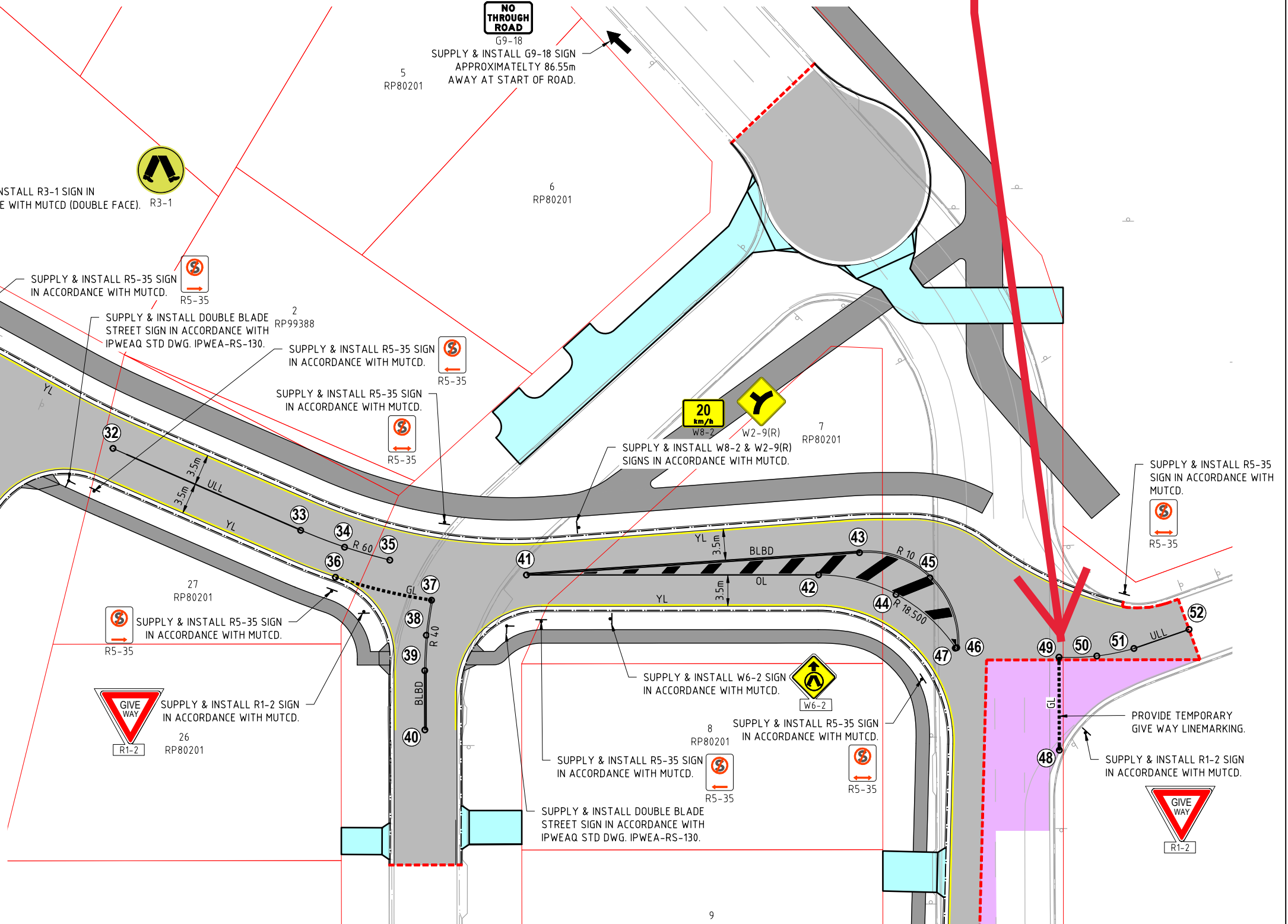
PAVEMENT MARKING DIMENSIONS

TRANSVERSE LINES

		WIDTH (mm)	LABEL
Continuity Line		200	GL
Give Way Line		300	GL

LONGITUDINAL LINES

Both Directions		80 80 80	BLBD
No Stopping		100	YL
Broken		100	BLL
Unbroken		100	ULL
Outline Markings		150	OL



REVISIONS	ISSUE DATE
5	
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED:
RPEQ:26951
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TITLE: LINE MARKING AND SIGNAGE DRAWING - SHEET 2		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		
No. 47 of 72 DRAWINGS		
Job No. FC-22-014-3A	DWG No. C-1201	
0	1	2
3	4	5

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NOTE:

- 1. C-M PRODUCTS RGU-R24R SHOWN. RGU-L24R HAS CHAMBER ON OPPOSITE SIDE. RGU-C24R HAS CHAMBER CENTRAL.
- 2. CONTOURS SHOWN DEPICT DESIGN SURFACE AND ARE AT 0.25m INTERVALS.
- 3. REFER TO C-1301 FOR STORMWATER NOTE

STORMWATER CONSTRUCTION NOTES:

- 1. PIT WIDTHS AND LENGTHS ARE SHOWN FOR PRICING ONLY. CONTRACTOR TO VERIFY PIT SIZES AND LENGTHS BEFORE CONSTRUCTION.
- 2. ALL CONCRETE TO BE GRADE N32.
- 3. FOR CONSTRUCTION OF NON-STANDARD CAST IN-SITU CHAMBERS:
WALLS -
225mm THICK WITH SL81 REINFORCEMENT PLACED CENTRALLY FOR WALLS <1500 (SHORT SPAN)
250mm THICK WITH SL81 REINFORCEMENT PLACED CENTRALLY FOR WALLS >1500 (SHORT SPAN)
FLOOR - 225mm THICK WITH SL81 REINFORCEMENT IN TOP FACE (50mm COVER)
ALL ROOF SLABS TO BE 200mm THICK (UNO) - IN ACCORDANCE WITH DWG 1357-D01-0437.
- 4. THE FOLLOWING STANDARD DRAWINGS ARE TO BE USED FOR CONSTRUCTION:
IPWEAQ
 - DS-018 - MANHOLE RISER DETAILS (ROADWAY)
 - DS-030 - EXCAVATION, BEDDING AND BACKFILLING RIGID & FLEXIBLE DRAINAGE PIPES.
 - DS-031 - EXCAVATION, BEDDING AND BACKFILLING PRECAST BOX CULVERTS
 - DS-062 - DRAINAGE PITS - KERB INLET - GRATE AND FRAME
 - DS-063 - DRAINAGE PITS - KERB INLET - LIP IN LINE - GENERAL ARRANGEMENT

STORMWATER NOTES:

- 1. THE CONTRACTOR SHALL PERFORM CCTV INSPECTION ON ALL STORMWATER LINES TO THE SATISFACTION OF COUNCIL PRIOR TO THE DEVELOPMENT BEING PLACED 'ON MAINTENANCE'.
- 2. KERB INLETS ARE TO BE PRECAST CM-PRODUCTS RECESSED TYPE 24 SERIES RGU ON STD 800X900 PIT, IN ACCORDANCE WITH IPWEAQ STD DWG DS-060 (UNO)
- 3. FIELD INLETS TO BE 600x600 PRECAST CONSTRUCTION INCLUDING GRATE, GENERALLY IN ACCORDANCE IPWEAQ STD DWG DS-050 (UNO).
- 4. PIPE INSTALLATION TO BE IN ACCORDANCE WITH IPWEAQ STD. DWG. NO. DS-030 'EXCAVATION, BEDDING AND BACKFILLING RIGID & FLEXIBLE DRAINAGE PIPES.'
- 5. FILL/BACKFILL MATERIAL BENEATH ALL ROADWAYS TO BE CBR 15 MINIMUM.

LEGEND

DRAINAGE CATCHMENT AREAS

3/1

PROPOSED DRAINAGE STRUCTURE NUMBER

PROPOSED DRAINAGE STRUCTURE

D

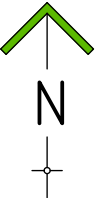
PROPOSED DRAINAGE LINE

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL



Approval no: DEV2022/1279

Date: 05/12/2022



DRAINAGE PIT SETOUT TABLE

POINT ID	EASTING	NORTHING	DESCRIPTION
1/1	30413.540	143949.854	CM RGU R24R WITH 800x900 CHAMBER
2/1	30407.873	143954.013	CM RGU L24R WITH 800x900 CHAMBER
3/1	30409.096	143962.396	900x900 FIELD INLET
4/1	30456.767	143952.864	CM RGU L24R WITH 800x900 CHAMBER
5/1	30477.092	143950.554	CM RGU R24R WITH 1200x1200 CHAMBER
6/1	30505.199	143971.257	1500ø MANHOLE
7/1	30523.843	143984.680	1500ø MANHOLE
8/1	30584.613	144007.004	1800ø MANHOLE
9/1	30585.880	144013.571	HEADWALL
1/2	30364.716	143966.446	EXISTING MANHOLE
2/2	30368.825	143978.943	CM RGU C24R WITH 900x1500 CHAMBER
3/2	30369.995	143987.477	1050ø MANHOLE
1/3	30388.451	143986.581	CM RGU R24R WITH 800x900 CHAMBER
2/3	30383.161	143981.493	CM RGU L24R WITH 800x900 CHAMBER
1/4	30359.578	143975.589	CM RGU L24R WITH 800x900 CHAMBER
1/5	30460.712	143925.122	EXISTING MANHOLE
2/5	30459.789	143929.081	CM RGU C24R WITH 900x900 CHAMBER
3/5	30459.781	143932.568	CM RGU C24R WITH 900x1500 CHAMBER
1/6	30511.088	143942.772	CM RGU C24R WITH 800x900 CHAMBER
2/6	30517.859	143953.026	CM RGU C48R WITH 800x900 CHAMBER
1/7	30519.423	143990.713	CM RGU C24R WITH 800x900 CHAMBER
1/8	30466.795	143926.608	CM RGU R24R WITH 800x900 CHAMBER
1/9	30450.320	143947.699	CM RGU R24R WITH 800x900 CHAMBER
1/X1	30338.758	144004.326	EXISING MANHOLE

REVISIONS

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RFI RESPONSE

06/10/2022

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ISSUE FOR APPROVAL

8/8/2022

ISSUE DATE

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APPROVED:

RPEQ:26951

APPROVED DATE:06/10/22

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TITLE: DRAINAGE NOTES AND DETAILS

A3

PROJECT:

WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A

WEINAM CREEK REDLAND BAY

FOR REDLAND INVESTMENT CORPORATION

No. 48 of 72 DRAWINGS

Job No.

DWG No.

FC-22-014-3A

C-1300

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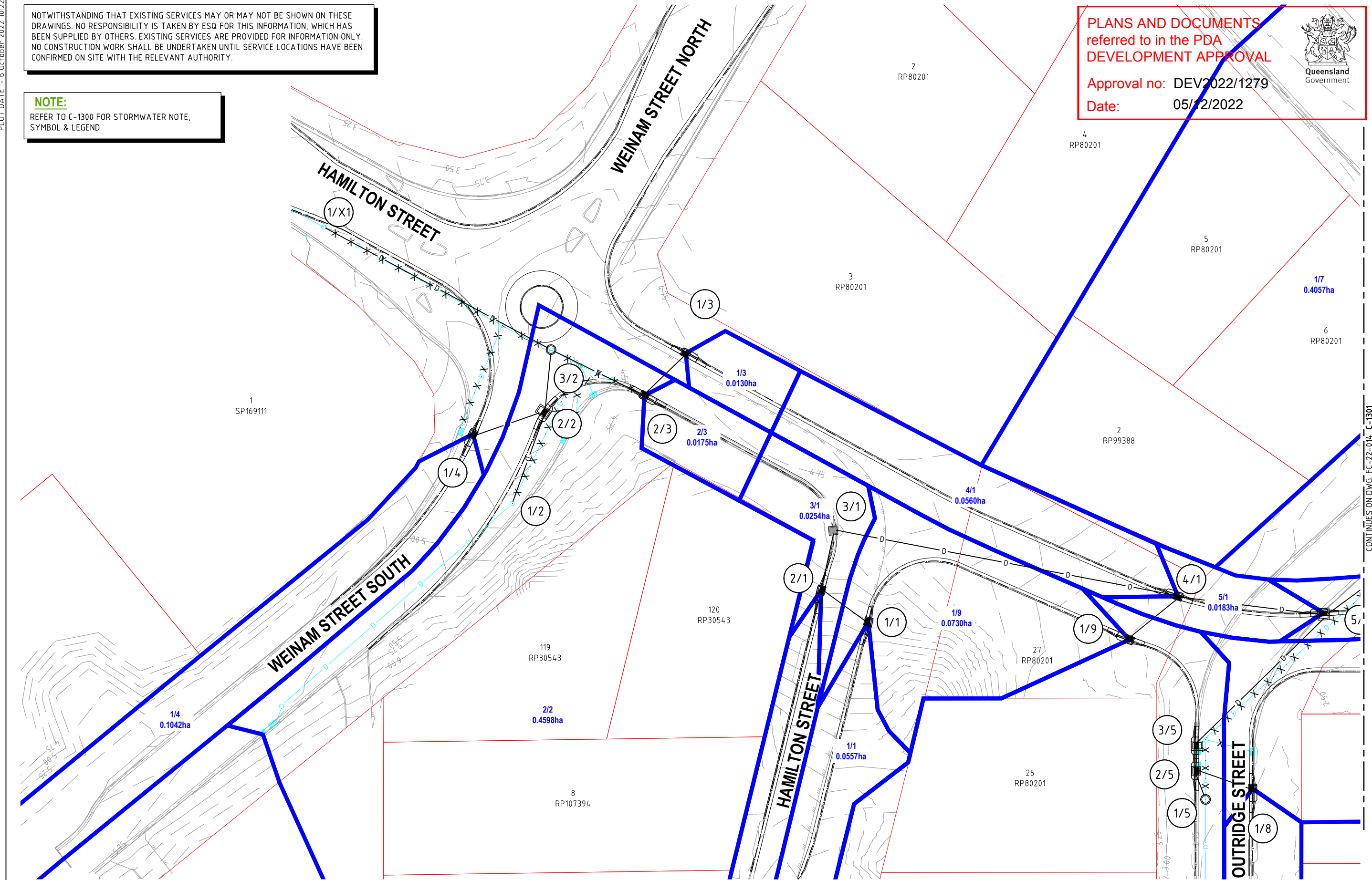
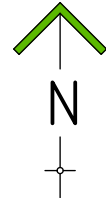
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NOTE:
REFER TO C-1300 FOR STORMWATER NOTE,
SYMBOL & LEGEND

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22

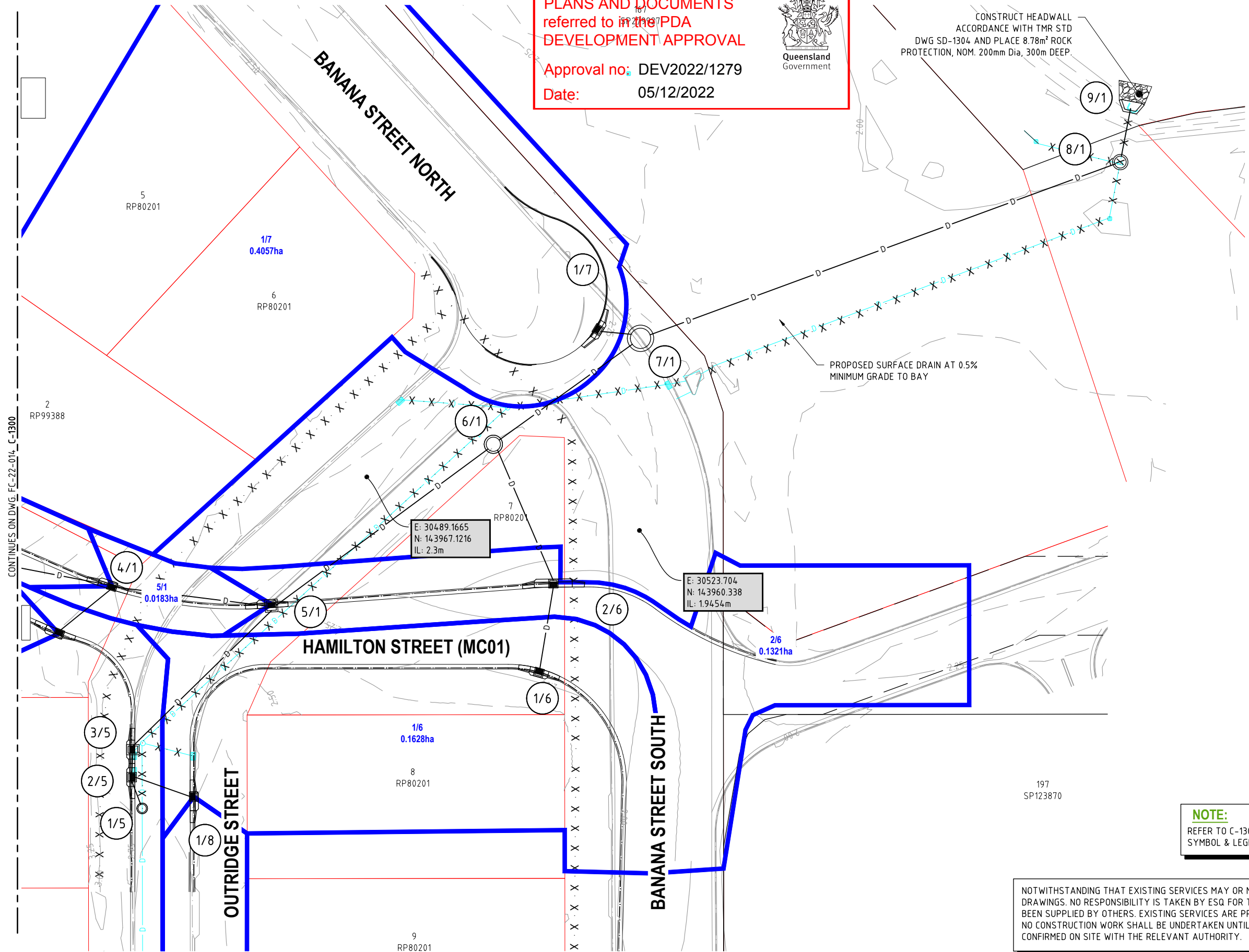


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TITLE: DRAINAGE LAYOUT PLAN - SHEET 1	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 49 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1301
	0 1 2 3 4 5



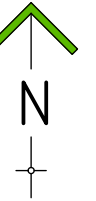
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



CONSTRUCT HEADWALL ACCORDANCE WITH TMR STD DWG SD-1304 AND PLACE 8.78m² ROCK PROTECTION, NOM. 200mm Dia, 300m DEEP.



NOTE:
REFER TO C-1300 FOR STORMWATER NOTE, SYMBOL & LEGEND

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REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

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TITLE: DRAINAGE LAYOUT PLAN - SHEET 2		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 50 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1302
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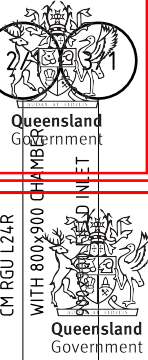
PLOT DATE: - 6 October 2022 10:22 AM

AMENDED IN RED

By: Gehan DeSilva
Date: 08/11/2022

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



1/1

2/1

3/1

4/1

5/1

6/1

7/1

8/1

9/1

1/2

2/2

3/2

1/3

2/3

AMENDED IN RED: All
Stormwater Structures to
have saltwater cover.

PIPE SIZE (mm)	375	375	375	375	375	600	750	900	900
PIPE CLASS	Black Max	Black Max	Black Max	Black Max	Black Max	SRCP CI 3	SRCP CI 3	SRCP CI 3	SRCP CI 3
PIPE GRADE (%)	6.01%	5.88%	3.01%	3.94%	0.77%	0.15%	0.15%	0.15%	0.15%
PIPE SLOPE (1 in X)	16.6	17.0	33.3	25.4	129.3	666.7	666.7	666.7	666.7
PIPE FLOW (cumecs)	0.021	0.049	0.058	0.103	0.486	0.584	0.684	0.682	0.682
MAX CAPACITY RATIO	3%	8%	13%	21%	62%	135%	98%	97%	97%
VELOCITY AT MAX FLOW (m/s)	2.16	2.97	2.41	1.28	1.72	1.32	1.16	1.24	1.24
PEAK VELOCITY (m/s)	2.28	3.00	2.64	1.52	1.72	1.32	1.16	1.24	1.24
DATUM RL	-2.000	-4.000	-6.000	-6.000	-6.000	-6.000	-6.000	-6.000	-6.000
DEPTH TO INVERT	1.002	1.153	1.183	0.941	0.971	0.982	1.012	1.090	1.120
Q10 HGL ELEVATION	4.548	4.075	4.069	3.566	3.557	2.115	2.087	1.954	1.929
INVERT LEVEL OF DRAIN	4.494	4.021	3.991	3.495	3.465	2.002	1.972	1.172	1.142
DESIGN (& EXISTING) SURFACE LEVEL	5.496 (7.819)	5.174 (7.639)	4.435 (7.167)	4.435 (7.167)	4.435 (7.167)	2.984 (3.246)	2.261 (2.511)	2.162 (2.260)	1.960 (2.194)
CHAINAGE	0.000	7.869	8.440	16.308	48.661	64.969	20.293	85.262	34.674

LINE 1

PIPE SIZE (mm)	375	525	525	375
PIPE CLASS	Black Max	Black Max	Black Max	Black Max
PIPE GRADE (%)	2.93%	1.96%	2.05%	1.62%
PIPE SLOPE (1 in X)	34.2	51.1	48.9	61.8
PIPE FLOW (cumecs)	0.133	0.338	0.345	0.005
MAX CAPACITY RATIO	31%	39%	39%	2%
VELOCITY AT MAX FLOW (m/s)	1.20	1.56	1.59	0.57
PEAK VELOCITY (m/s)	2.59	2.59	1.59	1.02
DATUM RL	-4.000	-4.000	-4.000	-4.000
DEPTH TO INVERT	1.107	0.929	1.013	0.974
Q10 HGL ELEVATION	3.998	3.856	3.742	3.587
INVERT LEVEL OF DRAIN	3.460	3.068	2.984	2.812
DESIGN (& EXISTING) SURFACE LEVEL	4.566 (5.055)	3.997 (4.613)	4.254 (4.296)	3.283 (3.094)
CHAINAGE	0.000	13.369	8.788	8.202

LINE 2

PIPE SIZE (mm)	375
PIPE CLASS	Black Max
PIPE GRADE (%)	1.62%
PIPE SLOPE (1 in X)	61.8
PIPE FLOW (cumecs)	0.005
MAX CAPACITY RATIO	2%
VELOCITY AT MAX FLOW (m/s)	0.57
PEAK VELOCITY (m/s)	1.02
DATUM RL	-4.000
DEPTH TO INVERT	0.974
Q10 HGL ELEVATION	3.631
INVERT LEVEL OF DRAIN	3.597
DESIGN (& EXISTING) SURFACE LEVEL	4.571 (4.987)
CHAINAGE	0.000

LINE 3

REVISIONS	ISSUE DATE
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1	RFI RESPONSE 06/10/2022
0	ISSUE FOR APPROVAL 8/8/2022

SCALE:
HORIZONTAL SCALE 1:1000 (m)
0 10 20 30
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VERTICAL SCALE 1:100 (m)
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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: DRAINAGE LONGITUDINAL SECTIONS - SHEET 1	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 51 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1303
	0 1 2 3 4 5

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	1.070	1.100	1.335	1.471
Q10 HGL ELEVATION	3.587	3.575	3.588	3.337
INVERT LEVEL OF DRAIN	3.464	3.434	2.918	2.782
DESIGN (& EXISTING) SURFACE LEVEL	4.534 (4.830)	4.434	4.254 (4.296)	
CHAINAGE	8.202	14.420	22.622	

LINE 3

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	1.003	0.983	1.013
Q10 HGL ELEVATION	3.868	3.830	3.837
INVERT LEVEL OF DRAIN	3.110	3.014	2.984
DESIGN (& EXISTING) SURFACE LEVEL	4.114 (4.472)	3.997 (4.613)	3.742
CHAINAGE	0.000	10.390	

LINE 4

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	1.261	1.095	1.125	1.145	1.175	1.090	1.120
Q10 HGL ELEVATION	2.309	2.261	2.237	2.098	2.075	2.073	1.954
INVERT LEVEL OF DRAIN	1.395	1.374	1.344	1.327	1.297	1.172	1.142
DESIGN (& EXISTING) SURFACE LEVEL	2.656 (2.733)	2.470 (2.786)	2.472 (2.705)	2.472 (2.705)	2.261 (2.511)	2.162 (2.260)	2.162 (2.260)
CHAINAGE	0.000	4.190	3.487	7.678	25.572	33.249	

LINE 5

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	0.795	0.802	0.832	1.289	1.319
Q10 HGL ELEVATION	1.763	1.753	1.706	1.701	1.648
INVERT LEVEL OF DRAIN	1.021	0.969	0.939	0.873	0.843
DESIGN (& EXISTING) SURFACE LEVEL	1.816 (2.324)	1.770 (2.339)	1.701 (2.339)	1.648 (2.260)	1.635 (2.260)
CHAINAGE	0.000	11.542	19.532	31.074	

LINE 6

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	1.100	1.144	1.181
Q10 HGL ELEVATION	1.738	1.672	1.564
INVERT LEVEL OF DRAIN	0.916	0.816	0.779
DESIGN (& EXISTING) SURFACE LEVEL	2.016 (2.290)	1.960 (2.194)	1.816 (2.194)
CHAINAGE	0.000	5.827	

LINE 7

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	1.017	1.095	1.125
Q10 HGL ELEVATION	2.270	2.241	2.237
INVERT LEVEL OF DRAIN	1.574	1.374	1.344
DESIGN (& EXISTING) SURFACE LEVEL	2.591 (2.791)	2.470 (2.786)	2.261 (2.511)
CHAINAGE	0.000	8.283	

LINE 8

PIPE SIZE (mm)
PIPE CLASS
PIPE GRADE (%)
PIPE SLOPE (1 in X)
PIPE FLOW (cumecs)
MAX CAPACITY RATIO
VELOCITY AT MAX FLOW (m/s)
PEAK VELOCITY (m/s)
DATUM RL

DEPTH TO INVERT	1.006	0.982	1.012
Q10 HGL ELEVATION	2.393	2.326	2.115
INVERT LEVEL OF DRAIN	2.202	2.002	1.972
DESIGN (& EXISTING) SURFACE LEVEL	3.208 (3.415)	2.984 (3.246)	2.087 (2.246)
CHAINAGE	0.000	9.034	

LINE 9

AMENDED IN RED: All Stormwater Structures to have saltwater cover.

AMENDED IN RED

By: Gehan DeSilva
Date: 08/11/2022



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



REVISIONS	ISSUE DATE
5	
4	
3	
2	
1	RFI RESPONSE 06/10/2022
0	ISSUE FOR APPROVAL 8/8/2022

SCALE:
HORIZONTAL SCALE 1:1000 (m)
0 10 20 30
0 1 2 3
VERTICAL SCALE 1:100 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22



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TITLE: DRAINAGE LONGITUDINAL SECTIONS - SHEET 2		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		
No. 52 of 72 DRAWINGS	Job No. FC-22-014-3A	DWG No. C-1304
0	1	2
3	4	5

AMENDED IN RED: All Stormwater Structures to have saltwater cover.

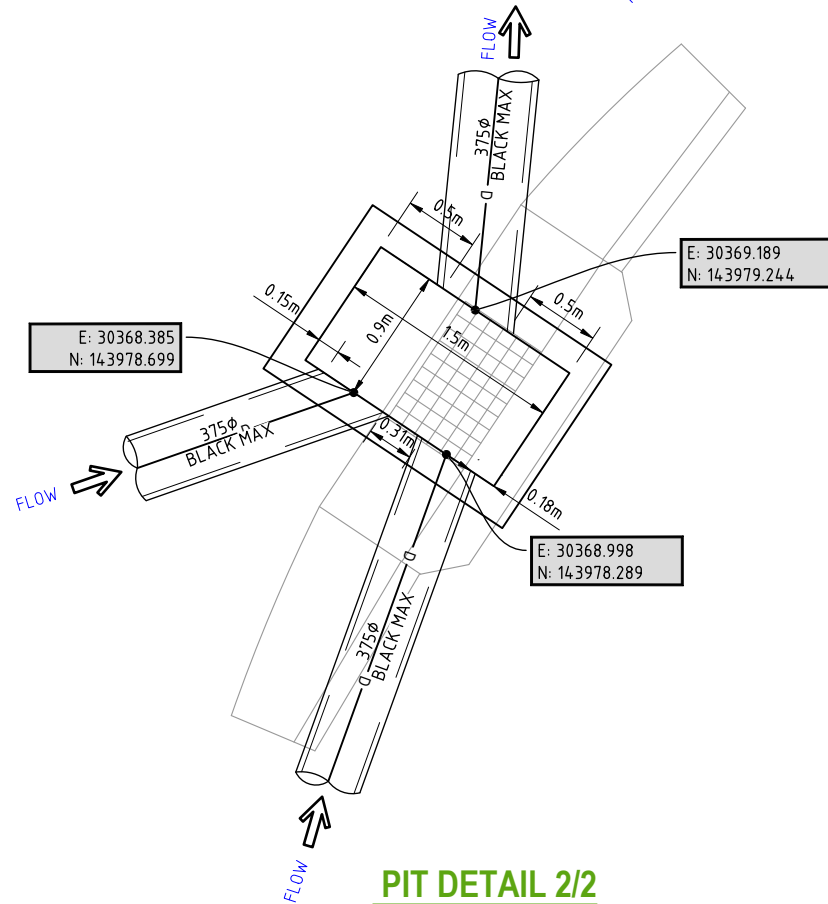
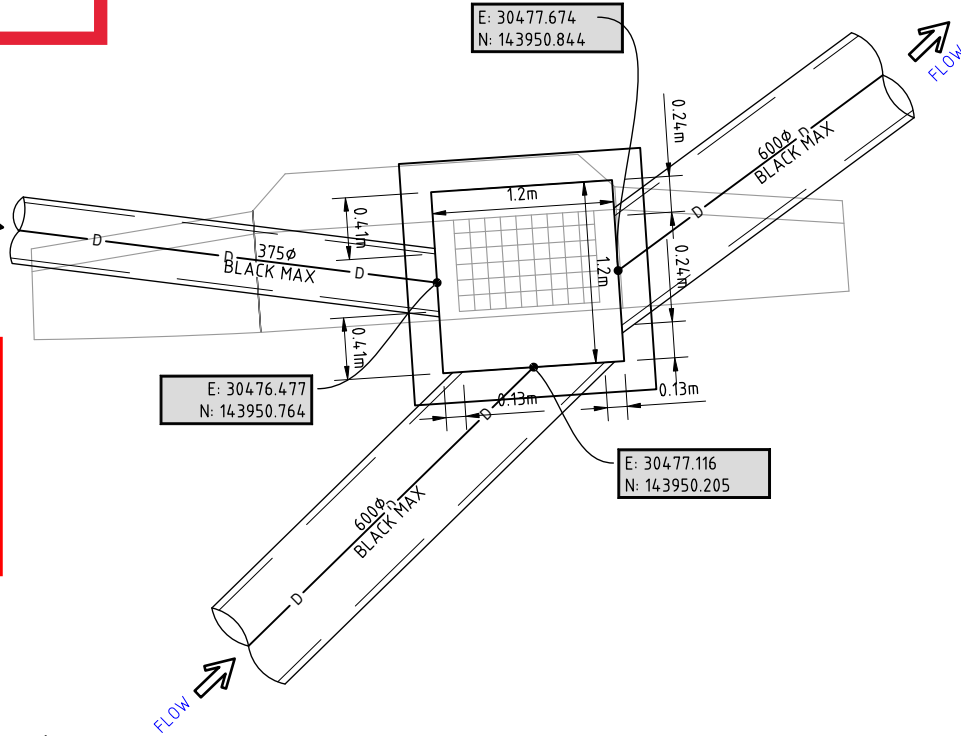
AMENDED IN RED

By: Gehan DeSilva
Date: 08/11/2022

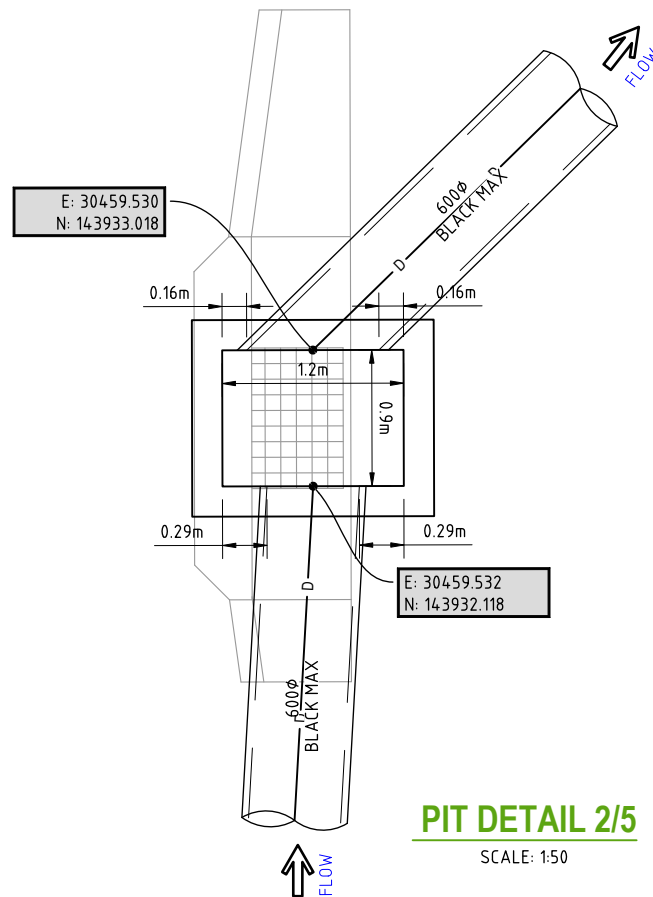


PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

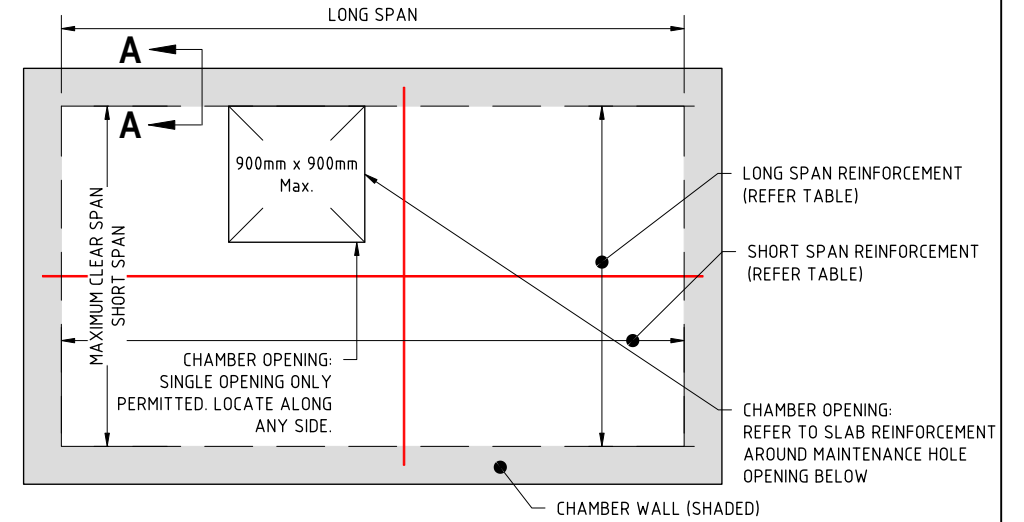
Approval no: DEV2022/1279
Date: 05/12/2022



PIT DETAIL 2/2
SCALE: 1:50



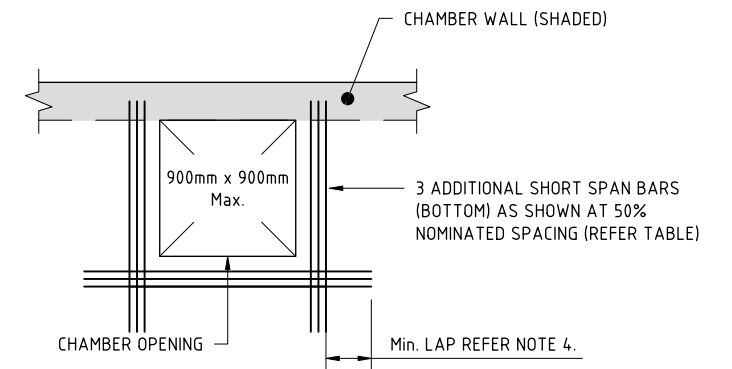
PIT DETAIL 2/5
SCALE: 1:50



TYPICAL ROOF SLAB REINFORCEMENT

REINFORCEMENT TABLE

MAXIMUM CLEAR SPAN (mm)	REINFORCEMENT (45mm BOTTOM COVER)	
	SHORT SPAN	LONG SPAN
1200	N12 @ 200	N12 @ 200
1500	N12 @ 150	N12 @ 200
1800	N16 @ 200	N12 @ 200



SLAB REINFORCEMENT
AROUND MAINTENANCE HOLE OPENING

REVISIONS	ISSUE DATE	SCALE:
5		
4		
3		
2		
1 RFI RESPONSE	06/10/2022	
0 ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE: 06/10/22



REDLAND
INVESTMENT CORPORATION

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TITLE: **OVERSIZE PIT DETAILS**

PROJECT: **WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION**

No. 53 of 72 DRAWINGS	DWG No. C-1305
Job No. FC-22-014-3A	
0 1 2 3 4 5	

A3

GENERAL SEWER NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SEWER LONGITUDINAL SECTIONS & JOB SPECIFICATION.
- CONSTRUCTION TO BE IN ACCORDANCE WITH SOUTH EAST WATER SUPPLY AND SEWERAGE DESIGN CODE .
- PRIOR TO THE COMMENCEMENT OF WORKS WITHIN PRIVATE PROPERTY, WRITTEN NOTIFICATION OF INTENTION TO ENTER IS TO BE GIVEN IN ACCORDANCE WITH THE "SEWERAGE AND WATER SUPPLY ACT 1949-1982" AND REDLAND CITY COUNCIL BY-LAWS AND POLICIES.
- THE CONTRACTOR SHALL PERFORM CCTV INSPECTION ON ALL SEWER LINES TO THE SATISFACTION OF COUNCIL/ENGINEER PRIOR TO THE DEVELOPMENT BEING PLACED 'ON MAINTENANCE'.
- SEWER TO BE TESTED USING THE VACUUM METHOD IN ACCORDANCE WITH THE REDLAND CITY COUNCIL PLANNING SCHEME POLICY.

MAINTENANCE HOLES:

THE FOLLOWING STANDARD DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF MAINTENANCE HOLES:
SEW-1300 - MAINTENANCE HOLES SEWERS ≤ DN 300 PRECAST TYPES P1 & P2
SEW-1302 - MAINTENANCE HOLES PIPE CONNECTION DETAILS
SEW-1303 - MAINTENANCE HOLES SEWERS ≤ DN 300 TYPICAL CHANGES IN LEVEL DETAILS
SEW-1304 - MAINTENANCE HOLES SEWERS ≤ DN 300 TYPICAL CHANNEL ARRANGEMENTS
SEW-1305 - MAINTENANCE HOLES TYPICAL CHANNEL DETAILS
SEW-1308 - MAINTENANCE HOLES TYPICAL MH COVER ARRANGEMENTS

- ADDITIONAL NOTES FOR THE CONSTRUCTION OF MAINTENANCE HOLES:
- ALL MAINTENANCE HOLES TO BE DN1050 NOMINAL DIAMETER AND OF PRECAST CONSTRUCTION (U.N.O.). UNLESS DEPTH OF MAINTENANCE HOLE IS GREATER THAN 3.0m AT WHICH THE MAINTENANCE HOLE WILL BE OF CAST IN SITU CONSTRUCTION.
 - MAINTENANCE HOLES LOCATED INSIDE LOTS TO BE OFFSET 1.0m FROM REAR AND SIDE BOUNDARIES AND 1.5m FROM FRONT BOUNDARY.
 - ALL MAINTENANCE HOLES TO BE BROUGHT UP TO 100mm ABOVE FINISHED SURFACE LEVEL, UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT.

HOUSE CONNECTIONS:

THE FOLLOWING STANDARD DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF HOUSE CONNECTIONS:
SEW-1106 - PROPERTY CONNECTION DETAILS TO INTERFACE METHOD
SEW-1108 - PROPERTY CONNECTION DETAILS "Y" BRANCH & AROUND OBSTRUCTIONS

- ADDITIONAL NOTES FOR THE CONSTRUCTION OF HOUSE CONNECTION BRANCHES:
- A HOUSE CONNECTION JUNCTION SHALL BE CONSTRUCTED TO SERVE EACH ALLOTMENT. JUNCTION TYPES ARE NOTED ON THE LONGITUDINAL SECTIONS AND MAY BE VARIED BY THE SUPERINTENDENT.
 - HOUSE CONNECTION BRANCHES TO BE RAISED TO A MAX. OF 1.2m BELOW FINISHED SURFACE LEVELS AND TO BE TAKEN INSIDE THE REAL PROPERTY BOUNDARY OF EACH ALLOTMENT SERVICED.
 - HOUSE CONNECTION BRANCHES TO BE MARKED WITH YELLOW TAPE BURIED VERTICALLY IN THE GROUND AND A YELLOW MARKER PEG POSITIONED OVER THE CONNECTION POINT.

SEWER MAIN:

THE FOLLOWING STANDARD DRAWINGS SHALL BE USED FOR THE LAYING OF SEWERS:
SEW-1201 - EMBEDMENT & TRENCHFILL TYPICAL ARRANGEMENT.
SEW-1202 - STANDARD EMBEDMENT FLEXIBLE & RIGID PIPES.

- ADDITIONAL NOTES FOR THE LAYING OF SEWERS:
- STANDARD EMBEDMENT TO BE TYPE 3 SUPPORT, EXCLUDING GEOTEXTILE.
 - METALLIC MARKER TAPE SHALL BE INSTALLED ABOVE ALL SEWER AND HOUSE CONNECTION BRANCHES. MARKER TAPE SHALL EXTEND TO FINISHED SURFACE LEVEL AND TAPE SHALL NOT DEVIATE FROM THE LINE OF THE SEWER OR HOUSE CONNECTION BY MORE THAN 200mm.
 - ALL SEWER MAINS TO BE DN150 uPVC, CLASS SN8 (U.N.O.).
 - FILL/BACKFILL MATERIAL BENEATH ALL ROADWAYS TO BE CBR 15 MINIMUM.

LEGEND

	PROPOSED SEWER MANHOLE
	EXISTING SEWER MAIN
	PROPOSED 150Ø SEWER MAIN
	PROPOSED 225Ø SEWER MAIN
	PROPOSED SEWER STRUCTURE NUMBER

STRUCTURE DROP TYPES

REFER SEQ. CODE STD DWG. SEQ-SEW-1303-1 (C)
V= 150Ø (MIN DROP - 250mm)
225Ø (MIN DROP - 280mm)
W= 150Ø (250mm - 600mm)
225Ø (280mm - 700mm)
X & Y= 150Ø (600mm - MAX DROP)
225Ø (700 - MAX DROP)

STRUCTURE LID TYPES

REFER SEQ. CODE STD DWG. SEQ-SEW-1308-1 (C)
B= CLASS B, DUCTILE IRON COVER
D= CLASS D, DUCTILE IRON COVER

STRUCTURE TYPES

REFER SEQ. CODE STD DWG. SEQ-SEW-1300-1 (C)
P2= TYPE P2 MAINTENANCE HOLE, 0m - 6.0m
REFER SEQ. CODE STD DWG. SEQ-SEW-1314-3 (C)
3m H= 3.0m RADIUS HORIZONTAL BEND
REFER SEQ. CODE STD DWG. SEQ-SEW-1307-1 (B)
CAST IN-SITU MAINTENANCE HOLE, SIZE AS SHOWN

GENERAL NOTES:

- EMBEDMENT TYPE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION & TO BE ADJUSTED IF REQUIRED. REFER SEQ. STD DWG. SEQ-SEW-1201-1 & 1201-2.
- PE DENOTES PE LINING OF MANHOLES DEEPER THAN 4.0m.
- CONTRACTOR TO CONFIRM LOCATION OF EXISTING HOUSE CONNECTIONS & CLEARANCE TO NEW SEWER PIPE PRIOR TO COMMENCEMENT OF WORK.

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



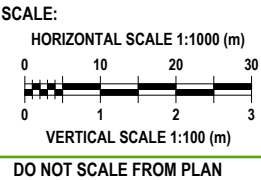
SEWER SETOUT TABLE

POINT ID	EASTING	NORTHING	DESCRIPTION
1/1	30473.562	144095.490	1050Ø MANHOLE
2/1	30478.990	144062.610	1050Ø MANHOLE
3/1	30462.395	144047.399	1050Ø MANHOLE
4/1	30516.328	143988.377	1050Ø MANHOLE
5/1	30466.866	143944.114	1050Ø MANHOLE
6/1	30456.851	143935.152	1050Ø MANHOLE
7/1	30456.873	143913.795	1050Ø MANHOLE
1/2	30471.145	143939.332	1050Ø MANHOLE
2/2	30547.458	143939.415	1050Ø MANHOLE
3/2	30549.034	143957.640	1050Ø MANHOLE

SERVICE PROVIDER & CONSTRUCTOR LIVE SEWER WORKS TABLE

NO.	DESCRIPTION	DIA. SEWER	MH NO.	MH/MS TYPE	COVER TYPE	LOT NO.	F.S.L.	E.S.L.	I.L.	DEPTH TO INVERT
1A	REDLANDS WATER TO BREAK IN TO EXISTING MANHOLE 2/X2 & CONSTRUCT 225Ø STUB (TEMPORARILY END CAPPED) PRIOR TO CONSTRUCTION.	225Ø	2/X2	MH	B (D.I.)	PARK	2.324	2.324	-3.174	5.498
1B	CONTRACTOR TO LAY NEW LINE (1/1 TO 2/X2), AFTER CLEANSING, TESTING & INSPECTING, NOTIFY REDLANDS WATER.									
1C	REDLANDS WATER TO REMOVE TEMPORARY END CAP ON STUB & LINE 1/1 & MAKE LIVE CONNECTION AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
2A	REDLANDS WATER TO REMOVE EXISTING 150Ø PIPE BETWEEN MANHOLES 3/X7 & 4/X7 THEN SEAL THE EXISTING INLET IN MANHOLE 3/X7.	150	2/X7	MH	B (D.I.)	ROAD RESERVE	3.928	3.556	1.780	2.148
2B	REDLANDS WATER TO BREAK IN TO EXISTING MANHOLE 2/X7 & CONSTRUCT 150Ø STUB (TEMPORARILY END CAPPED) PRIOR TO START OF CONSTRUCTION.									
2C	CONTRACTOR TO LAY NEW 150Ø PIPE BETWEEN MANHOLES 2/X7 & 4/X7 AFTER CLEANSING, TESTING & INSPECTING, NOTIFY REDLANDS WATER.									
2D	REDLANDS WATER TO REMOVE TEMPORARY END CAP ON STUB & 150Ø PIPE THEN MAKE LIVE CONNECTION AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									
2E	REDLANDS WATER TO RAISE EXISTING MANHOLE BY 0.372m TO SUIT DESIGN SURFACE LEVEL.									
3A	REDLANDS WATER TO REMOVE EXISTING 150Ø PIPE BETWEEN MANHOLES 3/X7 & 4/X7 THEN SEAL THE EXISTING INLET IN MANHOLE 4/X7.	150	4/X7	MH	B (D.I.)	ROAD RESERVE	5.763	5.797	3.280	2.483
3B	REDLANDS WATER TO BREAK IN TO EXISTING MANHOLE 4/X7 & CONSTRUCT 150Ø STUB (TEMPORARILY END CAPPED) PRIOR TO START OF CONSTRUCTION.									
3C	REDLANDS WATER TO REMOVE TEMPORARY END CAP ON STUB & 150Ø PIPE THEN MAKE LIVE CONNECTION AFTER SUCCESSFUL "ON MAINTENANCE" INSPECTION.									

REVISIONS	ISSUE DATE
5	
4	
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2	
1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022



FOR APPROVAL

APPROVED:

RPEQ:26951

APPROVED DATE: 06/10/22



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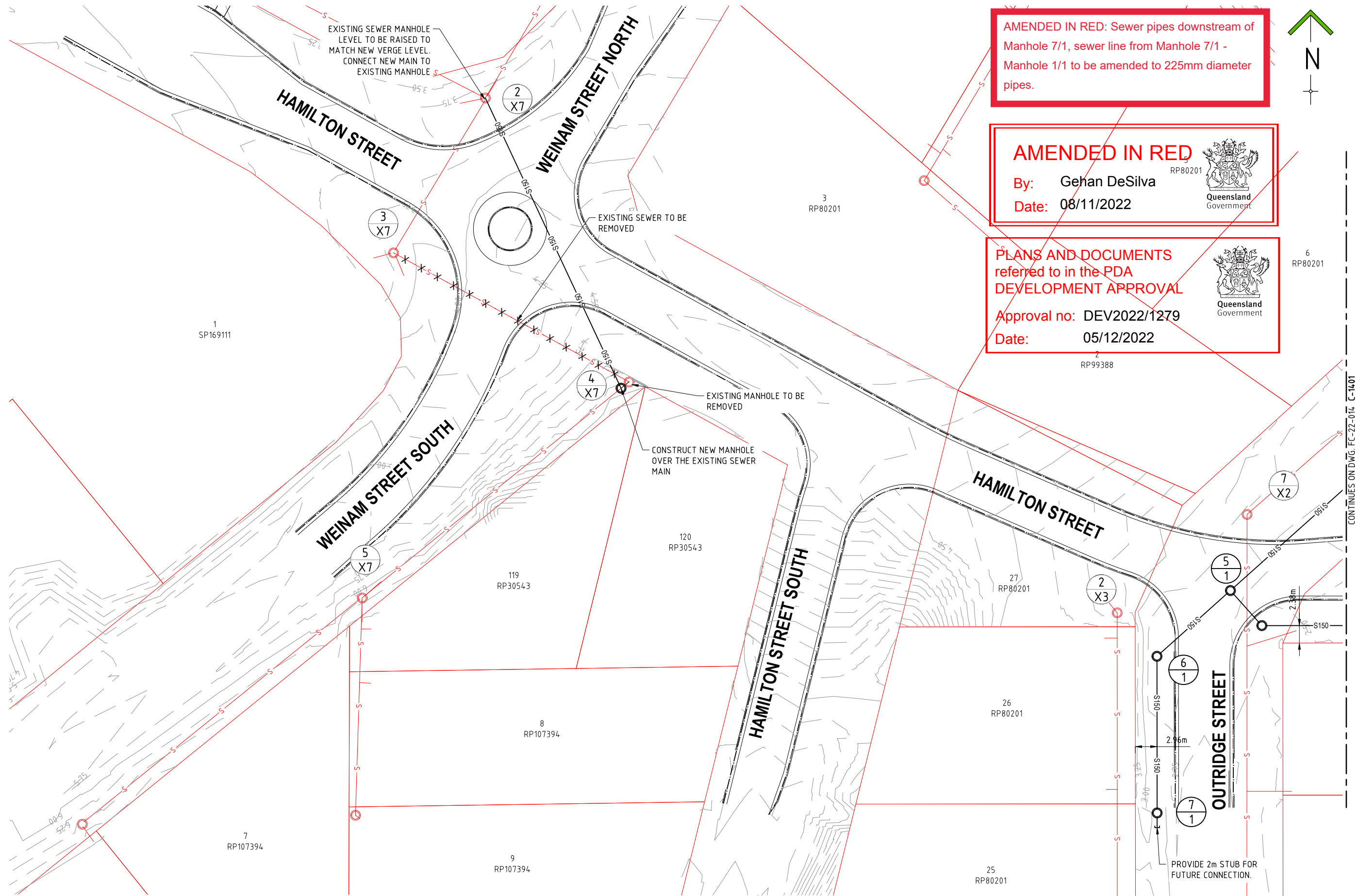
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TITLE: SEWER NOTES AND DETAILS

PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 54 of 72 DRAWINGS										
Job No.						DWG No.				
FC-22-014-3A						C-1400				
0	1	2	3	4	5					

A3



AMENDED IN RED: Sewer pipes downstream of Manhole 7/1, sewer line from Manhole 7/1 - Manhole 1/1 to be amended to 225mm diameter pipes.

AMENDED IN RED
By: Gehan DeSilva
Date: 08/11/2022

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: DEV2022/1279
Date: 05/12/2022

REVISIONS	ISSUE DATE
5	
4	
3	
2	
1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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SCALE 1:500 (m)
DO NOT SCALE FROM PLAN

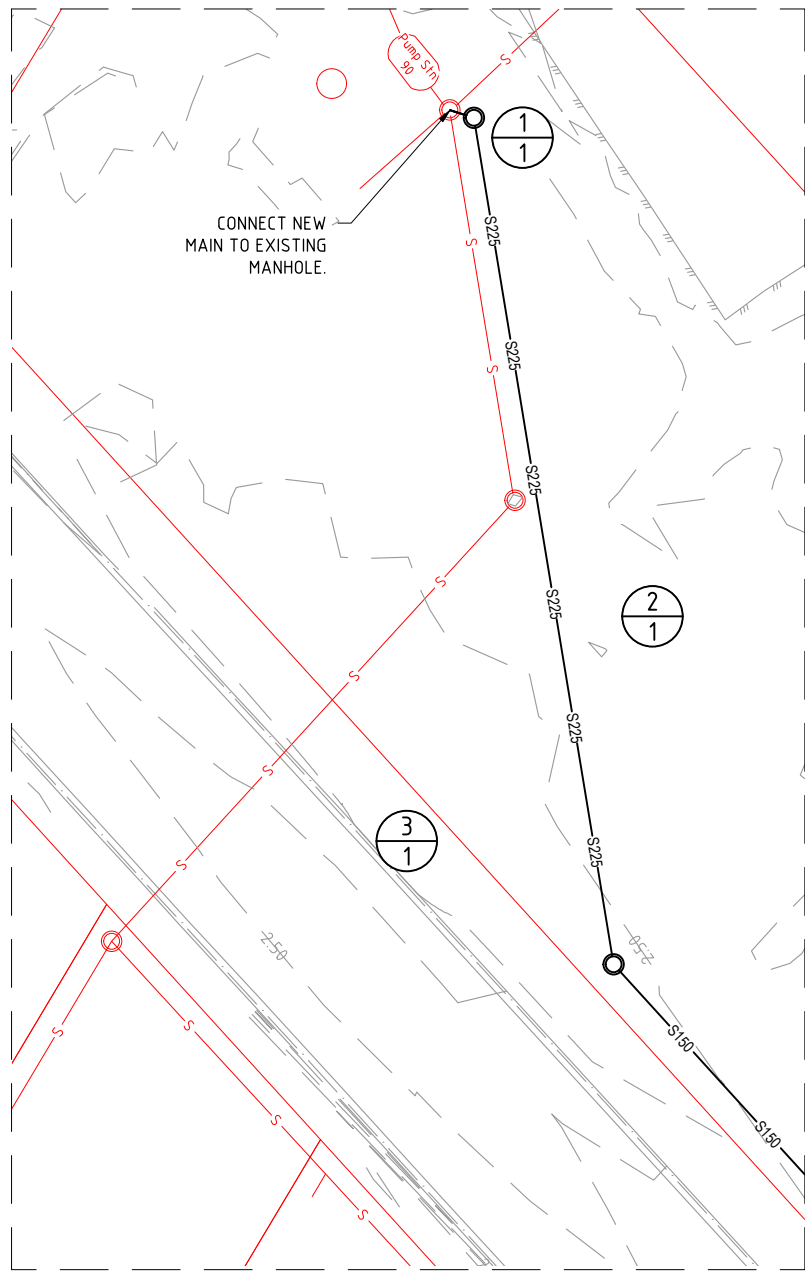
FOR APPROVAL
APPROVED: [Signature]
RPEQ:26951
APPROVED DATE:06/10/22



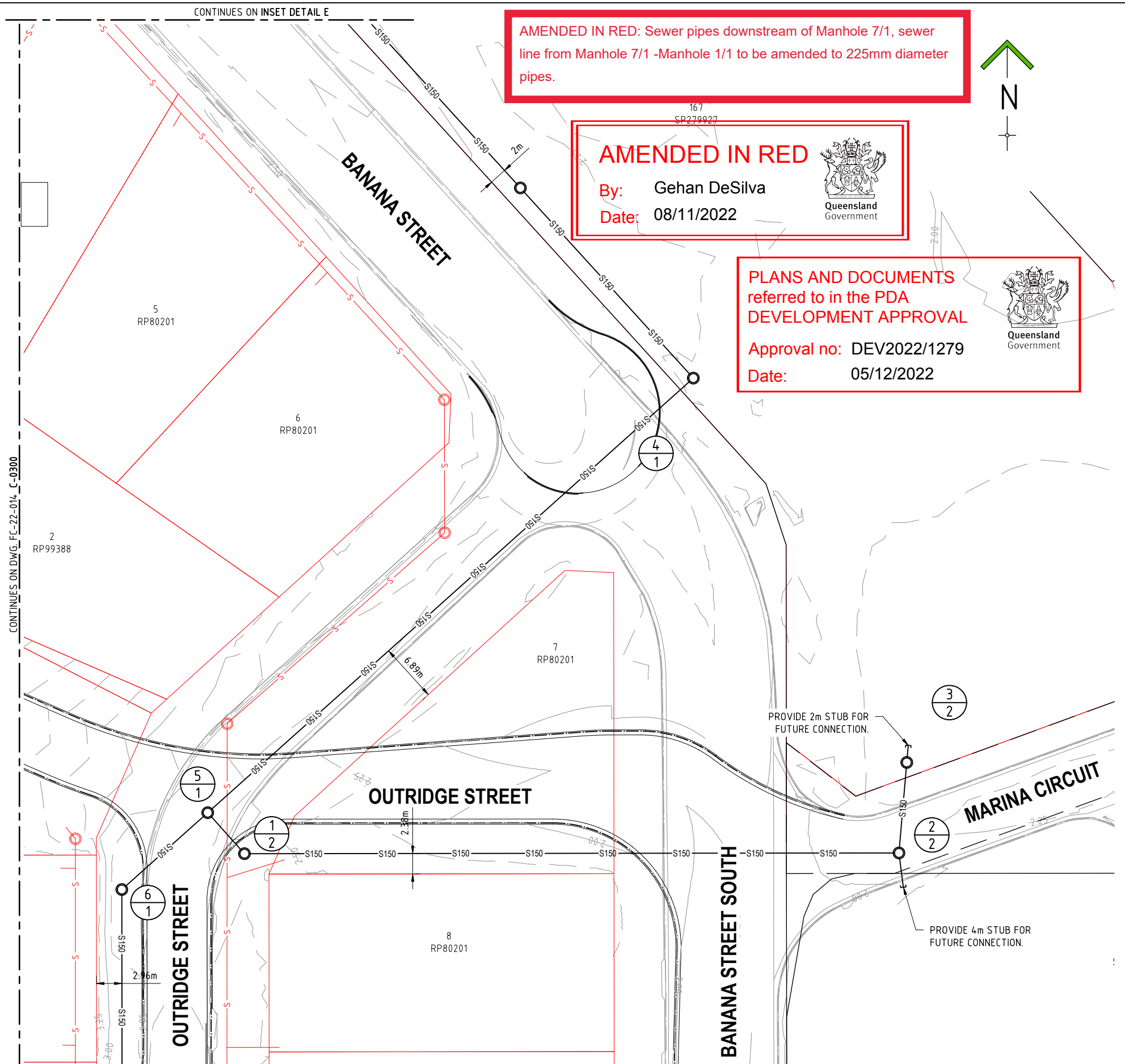
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TITLE: SEWER RETICULATION LAYOUT PLAN - SHEET 1		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 55 of 72 DRAWINGS
		Job No. DWG No.
		FC-22-014-3A C-1401
		0 1 2 3 4 5

PLOT DATE :- 6 October 2022 10:22 AM



INSET DETAIL E



REVISIONS	ISSUE DATE
5	
4	
3	
2	
1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
0 5 10 15
SCALE 1:500 (m)
DO NOT SCALE FROM PLAN

FOR APPROVAL
APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22

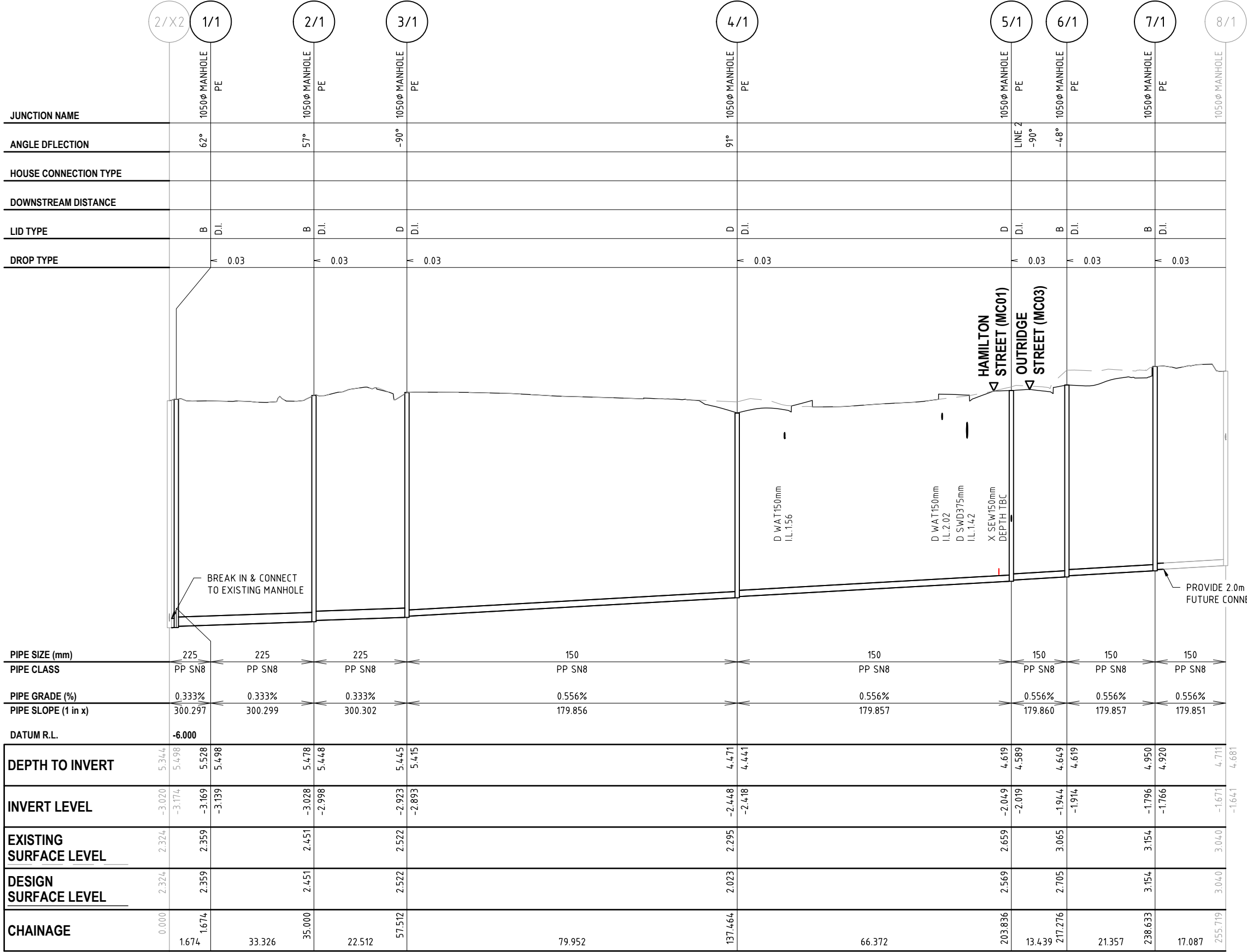


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TITLE: SEWER RETICULATION LAYOUT PLAN - SHEET 2	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 56 of 72 DRAWINGS
	Job No. FC-22-014-3A DWG No. C-1402
	0 1 2 3 4 5



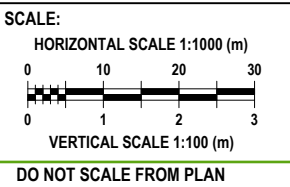
LINE 1

AMENDED IN RED: Sewer pipes downstream of Manhole 7/1, sewer line from Manhole 7/1 -Manhole 1/1 to be amended to 225mm diameter pipes.

AMENDED IN RED
By: Gehan DeSilva
Date: 08/11/2022

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: DEV2022/1279
Date: 05/12/2022

REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022



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APPROVED:

RPEQ:26951

APPROVED DATE:06/10/22

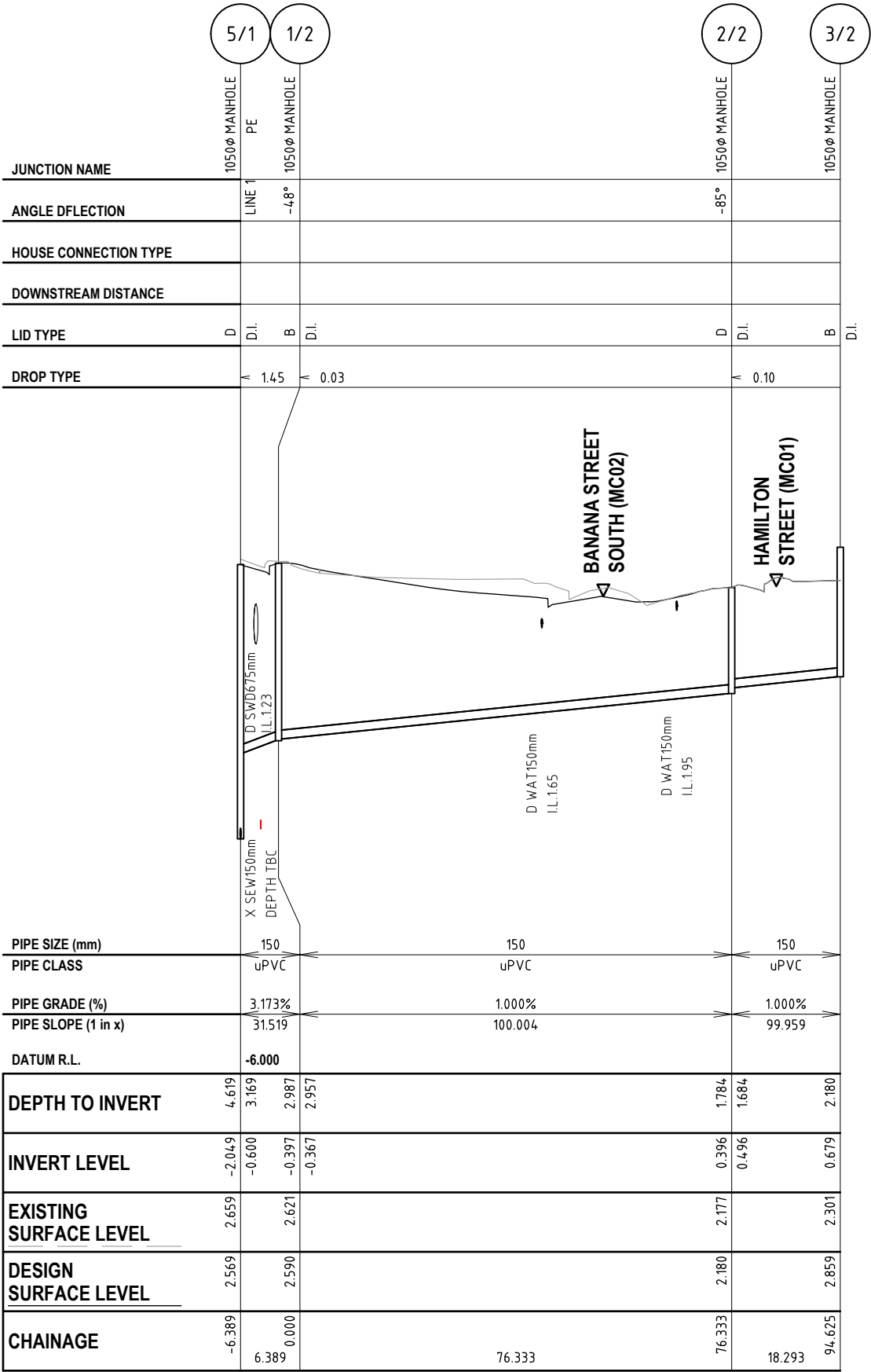


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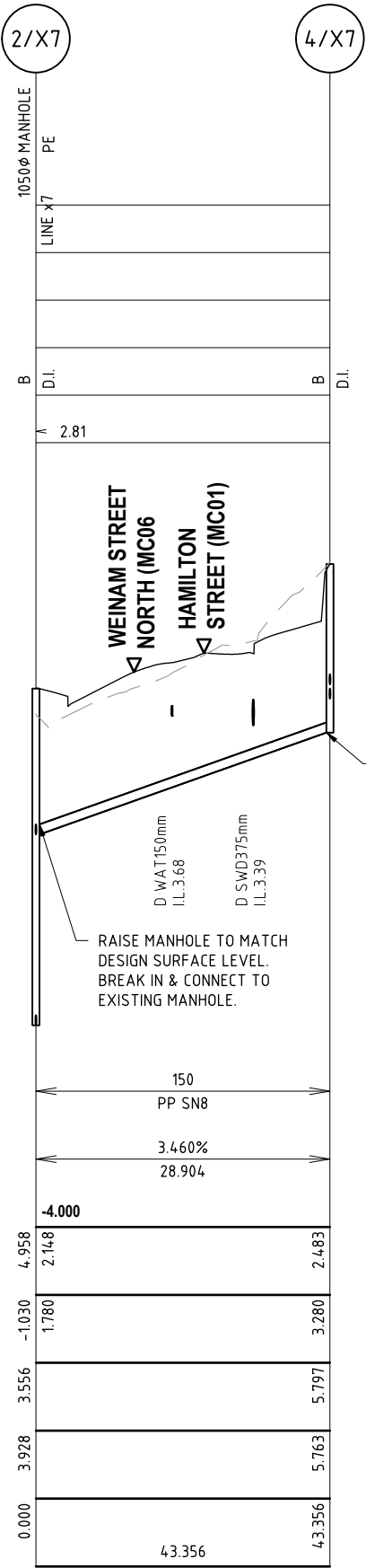
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TITLE: SEWER LONGITUDINAL SECTIONS - SHEET 1										A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION										
No. 57 of 72 DRAWINGS					Job No. DWG No.					
FC-22-014-3A					C-1403					
0	1	2	3	4	5					



LINE 2



LINE 3

PLANS AND DOCUMENTS
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Date: 05/12/2022

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0 ISSUE FOR APPROVAL	8/8/2022

SCALE:

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APPROVED:

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APPROVED DATE:06/10/22

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TITLE: SEWER LONGITUDINAL SECTIONS - SHEET 2		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		
No. 58 of 72 DRAWINGS		
Job No. FC-22-014-3A	DWG No. C-1404	
0	1	2
3	4	5

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH WATER SUPPLY CODE OF AUSTRALIA.
2. SERVICES SHOWN ARE INDICATIVE ONLY AND ARE TO BE CONFIRMED WITH THE RELEVANT AUTHORITY BEFORE CONSTRUCTION.
3. WHERE WATER MAINS, WATER SERVICES, SEWER MAINS, SEWER SERVICES, NBN, TELSTRA, ENERGEX ETC. CROSS ANY PROPOSED KERB AND CHANNELING, SUCH KERB AND CHANNELING SHALL BE MARKED WITH A BRASS MARKER DISC TO INDICATE THE SERVICE CROSSING. FOR NEW KERB AND CHANNELING, THE CHANNEL SHALL BE PAINTED WITH A 'W', 'S', 'T', ETC. AS APPROPRIATE.

ENERGEX, NBN & TELSTRA:

1. UNDERGROUND ELECTRICITY SUPPLY DESIGN WAS INCOMPLETE AT THE TIME OF THIS DRAWING. THE LOCATION SHOWN IS PROVISIONAL ONLY WITH THE ACTUAL LOCATION TO BE CONFIRMED BY ERGON ENERGY.
2. NO WORK SHALL BE CARRIED OUT WITHIN 3 METRES OF TELSTRA, NBN CABLES WITHOUT FIRST CONTACTING CORPORATION.

WATER MAIN:

THE FOLLOWING STANDARD DRAWINGS SHALL BE USED FOR THE LAYING OF WATER MAINS:

WAT-1201 - EMBEDMENT & TRENCH FILL TYPICAL ARRANGEMENT.
WAT-1202 - STANDARD EMBEDMENT ALL PIPE TYPES.
WAT-1205 - THRUST BLOCK DETAILS CONCRETE BLOCKS.
WAT-1207 - THRUST AND ANCHOR BLOCKS GATE VALVES AND VERTICAL BENDS.

ADDITIONAL NOTES FOR THE LAYING OF WATER MAINS:

1. ALL PIPES TO BE **OPVC CLASS 16** TO AS 4441 UNLESS NOTED OTHERWISE.
2. JOINT DEFLECTIONS TO NO GREATER THAN 50% OF THE MANUFACTURERS RECOMMENDATIONS.
3. STANDARD EMBEDMENT TO BE TYPE 'B' SUPPORT.
4. PLASTIC TAPE WITH EMBEDDED WIRE TRACE SHALL BE INSTALLED 300mm ABOVE WATER MAINS. THE MAXIMUM DEPTH FOR THE INSTALLATION OF THE MARKER TAPE TO BE 600mm.
5. MINIMUM COVER TO MAINS IS 600mm, WITH 1200mm COVER REQUIRED UNDER ROADWAYS.
6. MINIMUM CLEARANCE DISTANCES TO OTHER SERVICES SHALL BE IN ACCORDANCE WITH 'TABLE 4.1 - CLEARANCES BETWEEN WATER MAINS AND OTHER UNDERGROUND SERVICES' - WSA 03 - 2002-2.3.
7. MAINS TO BE FLUSHED AND TESTED IN ACCORDANCE WITH THE WBV REQUIREMENTS.

VALVES AND HYDRANTS:

THE FOLLOWING STANDARD DRAWINGS SHALL BE USED FOR THE INSTALLATION OF HYDRANTS AND VALVES:

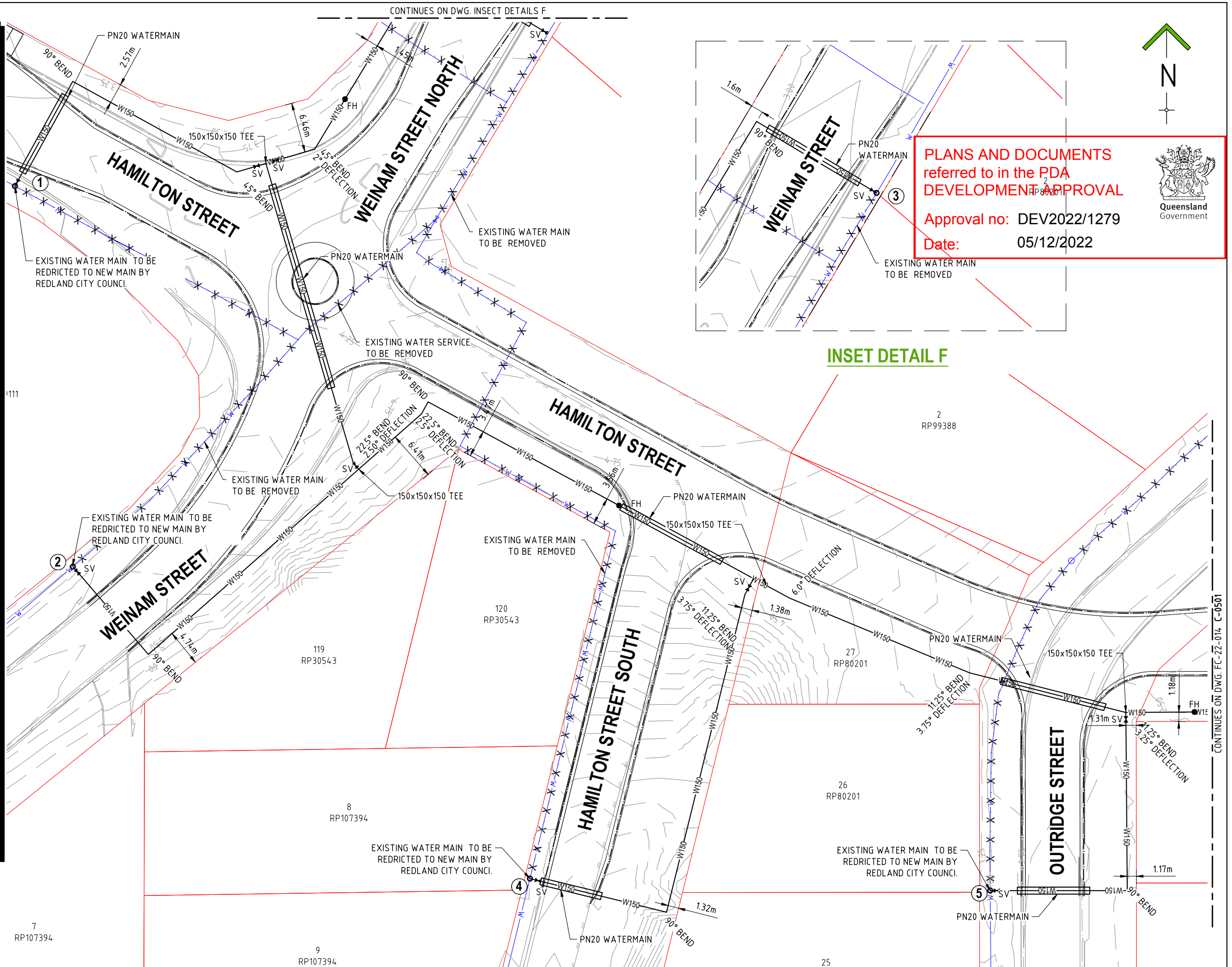
WAT-1300 - VALVE AND HYDRANT IDENTIFICATION MARKERS & MARKER POSTS
WAT-1301 - TYPICAL VALVE & HYDRANT INSTALLATION VALVE ARRANGEMENT
WAT-1302 - TYPICAL VALVE & HYDRANT INSTALLATION HYDRANTS AND AIR RELIEF VALVES
WAT-1303 - TYPICAL SURFACE FITTING INSTALLATION GATE VALVE SURFACE BOXES NON TRAFFICABLE
WAT-1304 - TYPICAL SURFACE FITTING INSTALLATION GATE VALVE SURFACE BOXES TRAFFICABLE
WAT-1305 - TYPICAL SURFACE FITTING INSTALLATION HYDRANT SURFACE BOXES TRAFFICABLE AND NON-TRAFFICABLE
WAT-1313 - FLANGED JOINTS BOLTING DETAILS

ADDITIONAL NOTES FOR THE INSTALLATION OF HYDRANTS AND VALVES:

1. FIRE HYDRANTS TO BE LOCATED AS SHOWN WITH 80m MAX BETWEEN HYDRANT POINTS
2. ALL BOLTS TO FLANGES AND GIBOLTS TO BE STAINLESS STEEL.

CONTOUR NOTE:

CONTOURS SHOWN DEPICT DESIGN SURFACE AND ARE AT 0.1m INTERVALS.



REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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APPROVED:
RPEQ:26951
APPROVED DATE: 06/10/22



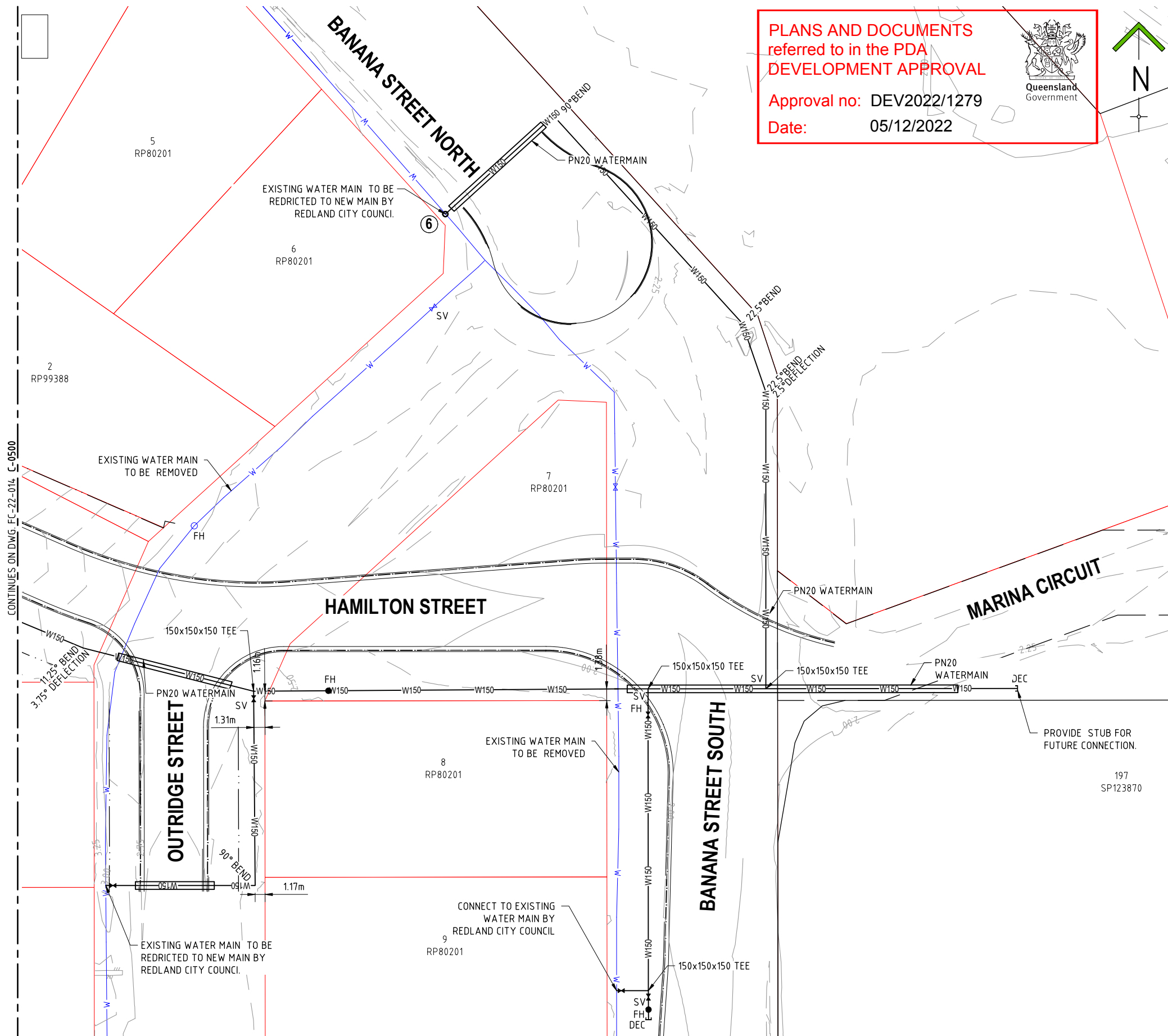
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TITLE: WATER RETICULATION LAYOUT PLAN - SHEET 1		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 59 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1500
		0 1 2 3 4 5	

No.	DESCRIPTION	DIA.	LOCATION
1	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE HAMILTON STREET ADJACENT LOT 1 ON 169111
2	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE WEINAM STREET ADJACENT LOT 1 ON 169111
3	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE WEINAM STREET NORTH ADJACENT LOT 2 ON RP80201
4	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE HAMILTON STREET SOUTH ADJACENT LOT 8 ON RP107394
5	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE OUTRIDGE STREET ADJACENT LOT 26 ON RP80201
6	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE BANANA STREET NORTH ADJACENT LOT 6 ON RP80201
7	REDLAND WATER TO EXCAVATED TO NEW WATERMAIN PREVIOUSLY CONSTRUCTED BY CONTRACTOR AND REMOVED DEAD END CAP AND THEN CONNECTED TO EXISTING 150Ø WATERMAIN, INCLUDING INSTALLATION OF REQUIRED FITTINGS. REDLAND WATER TO BACKFILLED WATERMAIN INCLUDING TEMPORARY SURFACE RESTORATION.	150	ROAD RESERVE BANANA STREET SOUTH ADJACENT LOT 9 ON RP80201



	REVISIONS	ISSUE DATE
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1	RFI RESPONSE	06/10/2022
0	ISSUE FOR APPROVAL	8/8/2022

SCALE:



SCALE 1:500 (m)

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REDLAND
INVESTMENT CORPORATION

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TITLE: **WATER RETICULATION LAYOUT PLAN - SHEET 2**

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 60 of 72 DRAWINGS									
Job No. FC-22-014-3A					DWG No. C-1501				
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PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022

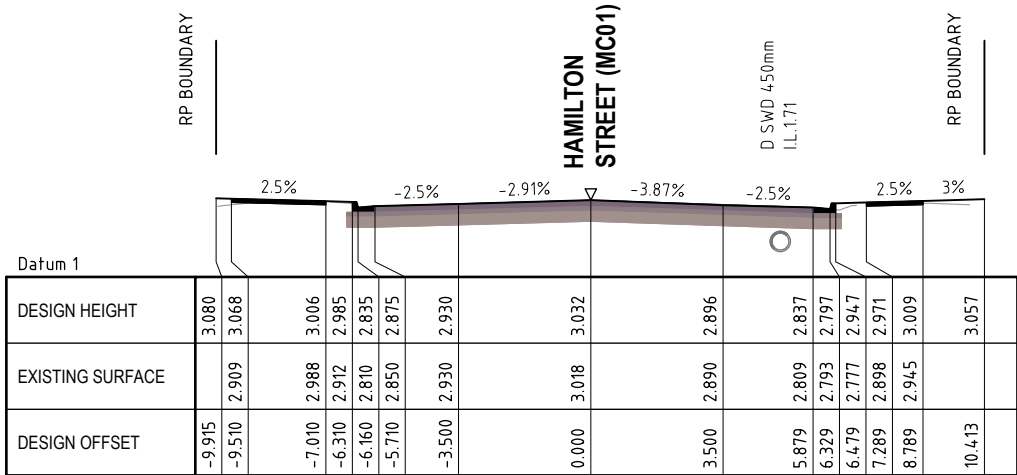


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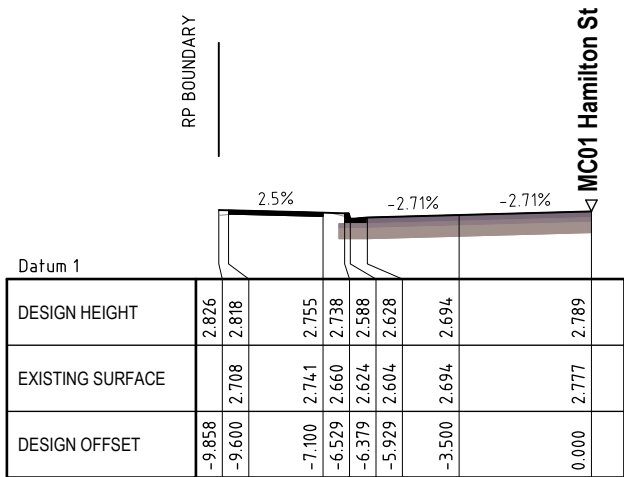
By: Gehan DeSilva
Date: 08/11/2022



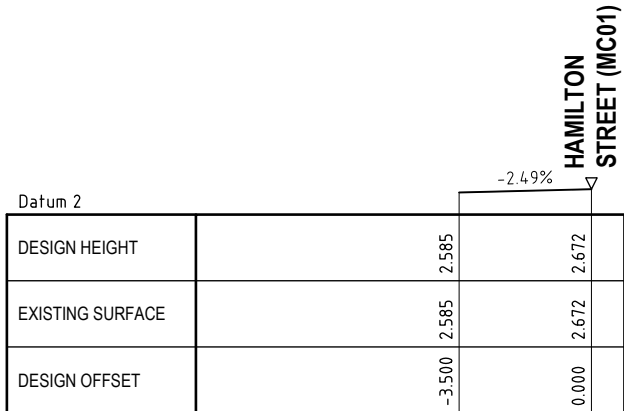
AMENDED IN RED: The design
surface of cross sections must
interface with the existing surface.



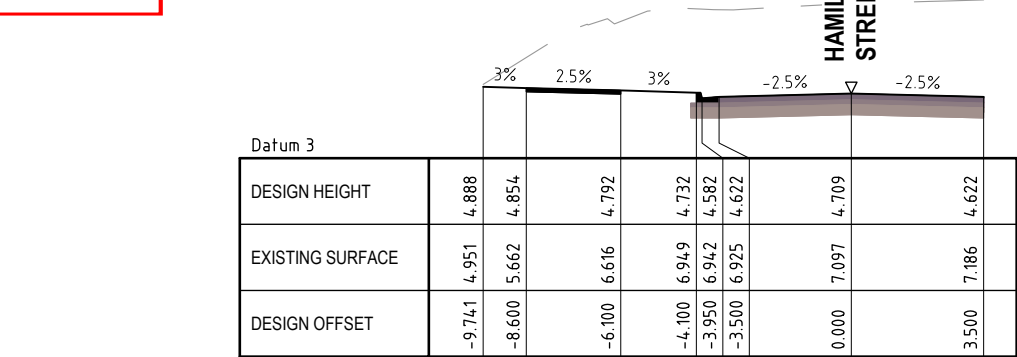
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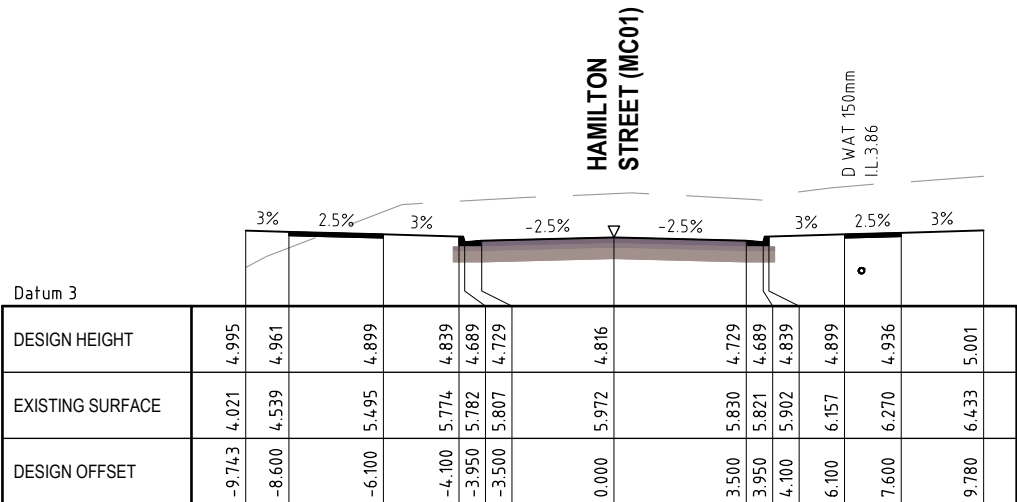
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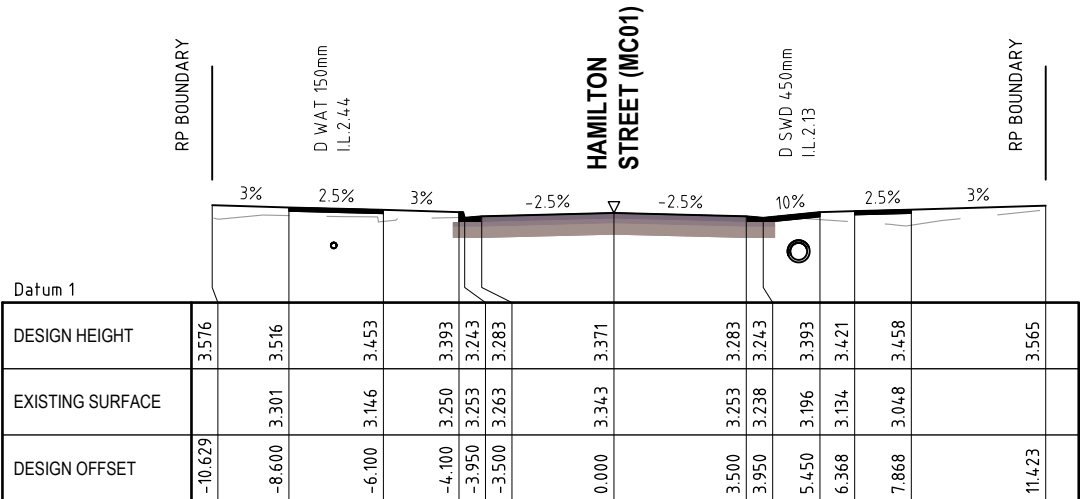
CHAINAGE 0.000



CHAINAGE 140.000



CHAINAGE 120.000



CHAINAGE 60.000

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1	RFI RESPONSE 06/10/2022
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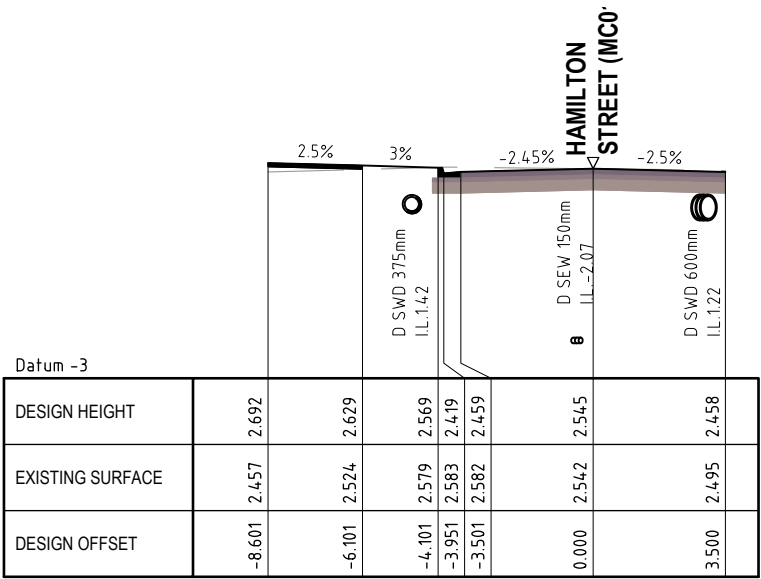


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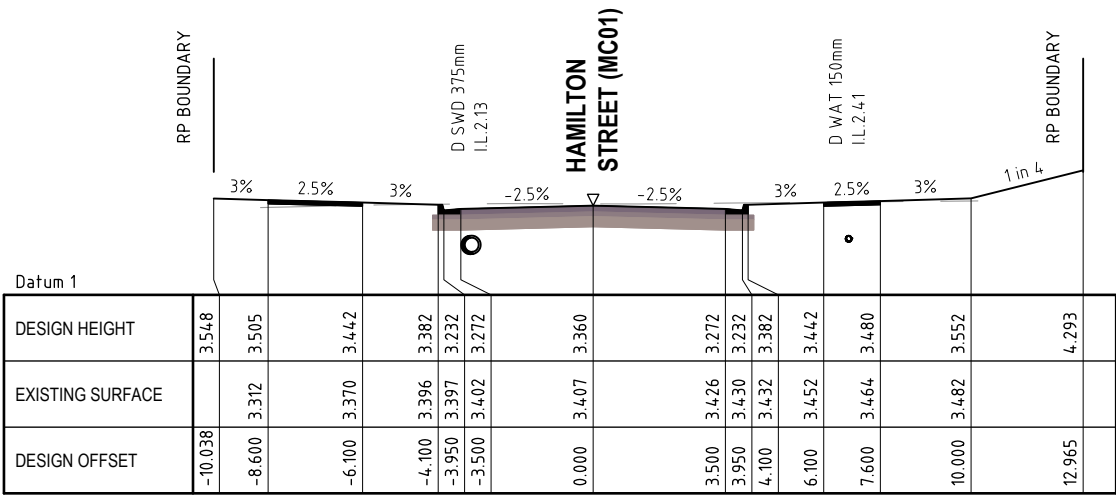
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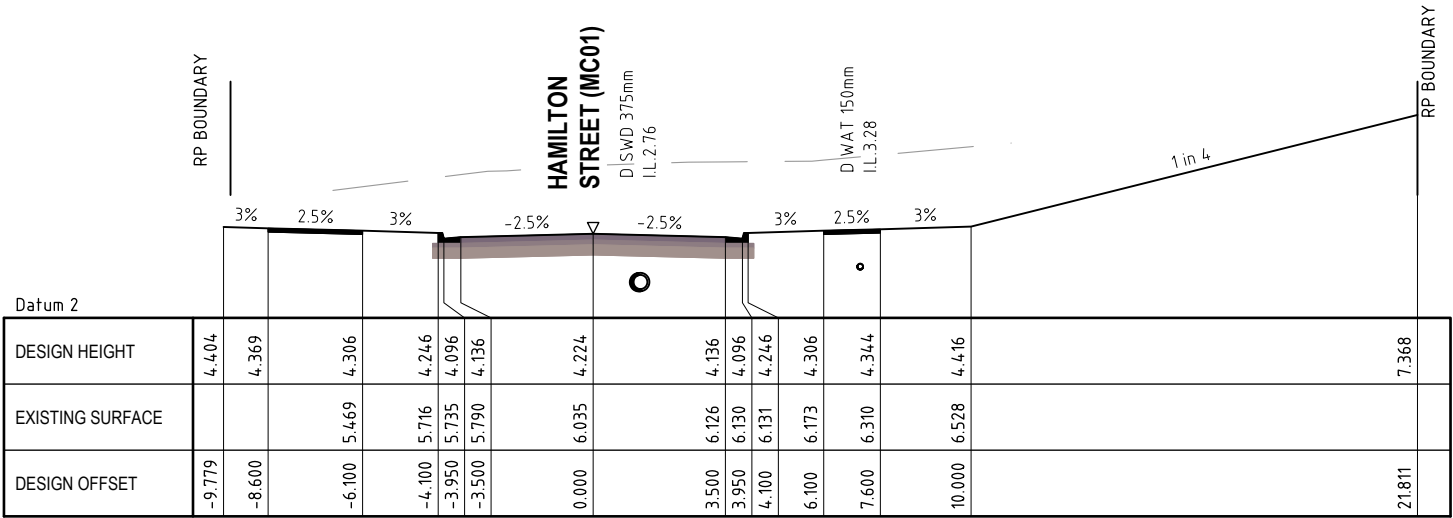
TITLE: HAMILTON ROAD (MC01) CROSS SECTIONS - SHEET 1	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 61 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1600



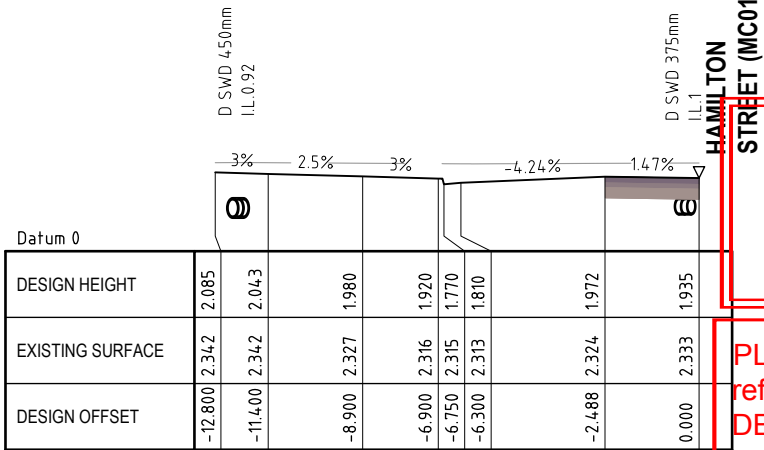
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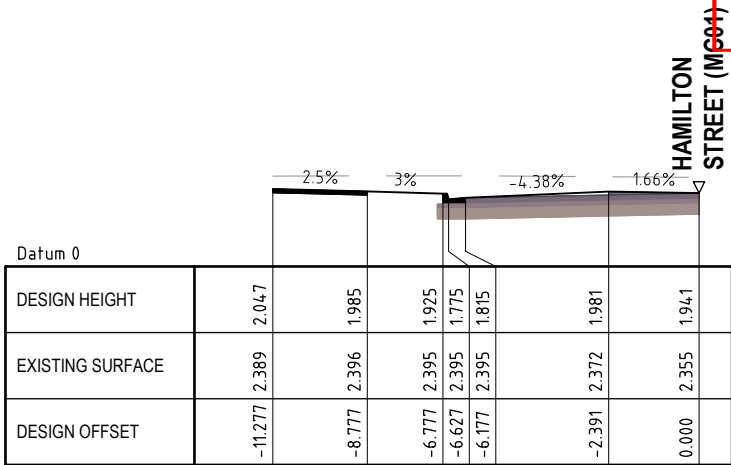
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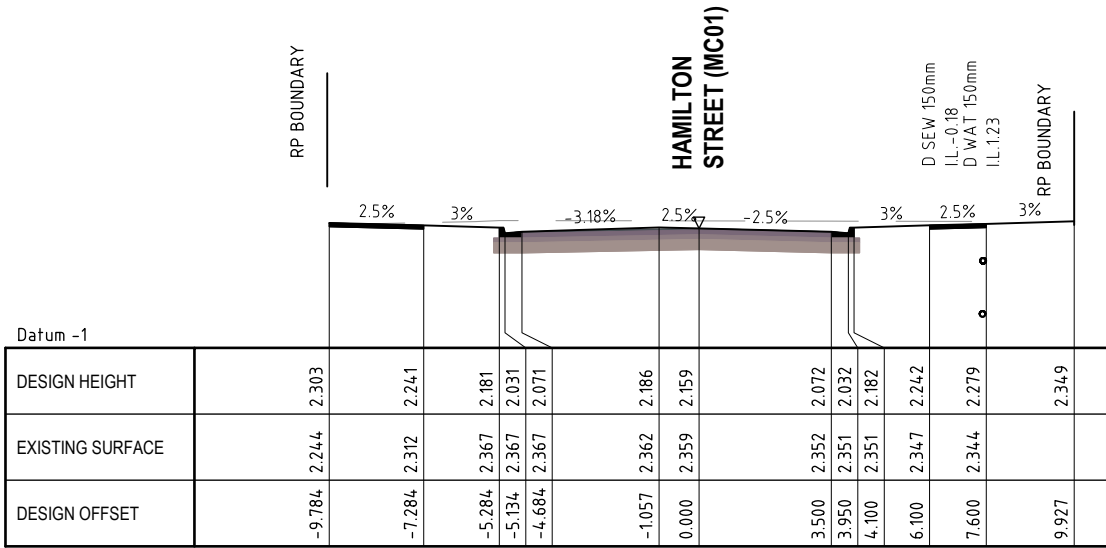
CHAINAGE 160.000



CHAINAGE 243.503



CHAINAGE 240.000



CHAINAGE 220.000

AMENDED IN RED: The design surface of cross sections must interface with the existing surface.

AMENDED IN RED

By: Gehan DeSilva

Date: 08/11/2022



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL



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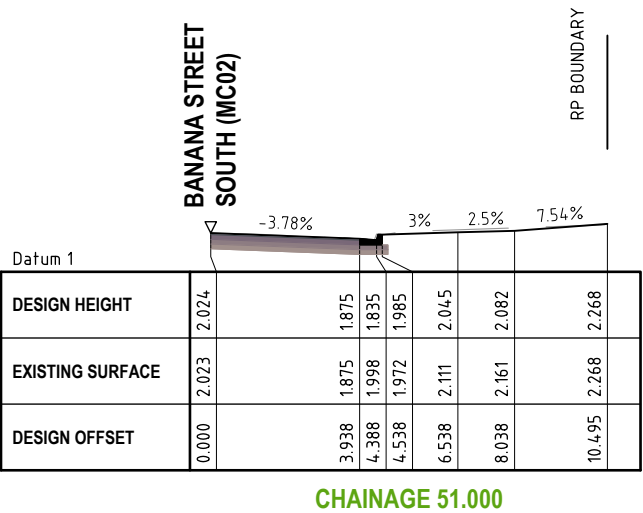
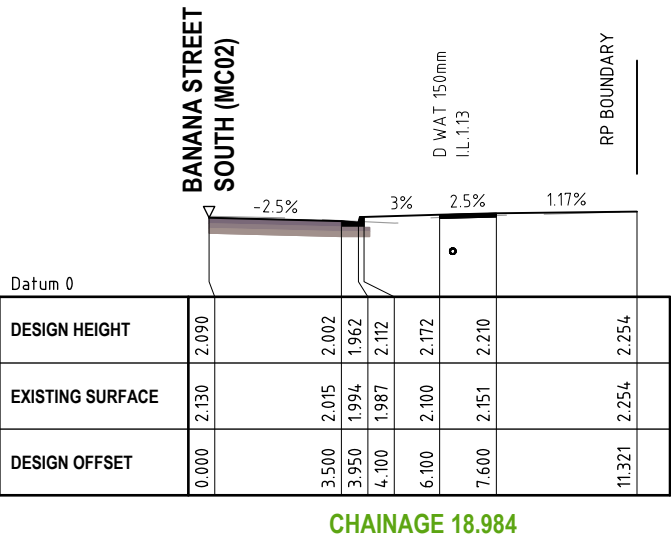
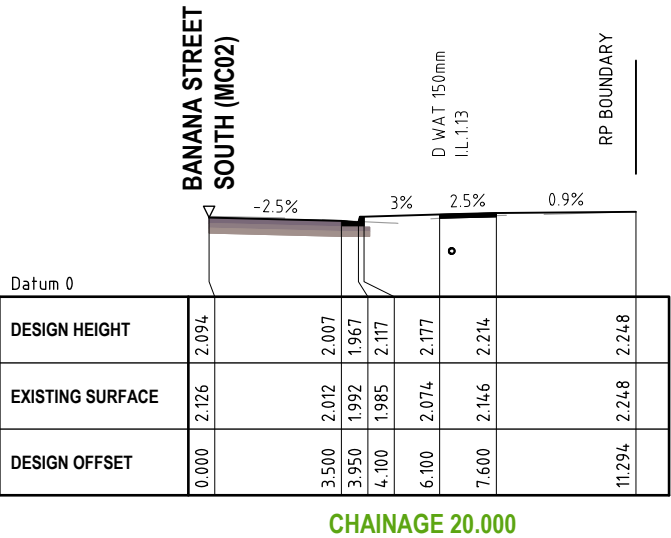
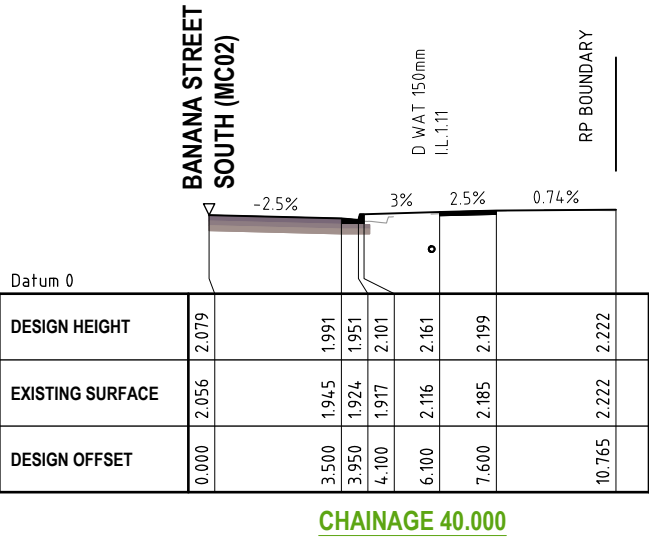
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TITLE: HAMILTON ROAD (MC01) CROSS SECTIONS - SHEET 2	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 62 of 72 DRAWINGS
	Job No. FC-22-014-3A
	DWG No. C-1601
	0 1 2 3 4 5

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL



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Date: 05/12/2022



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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22

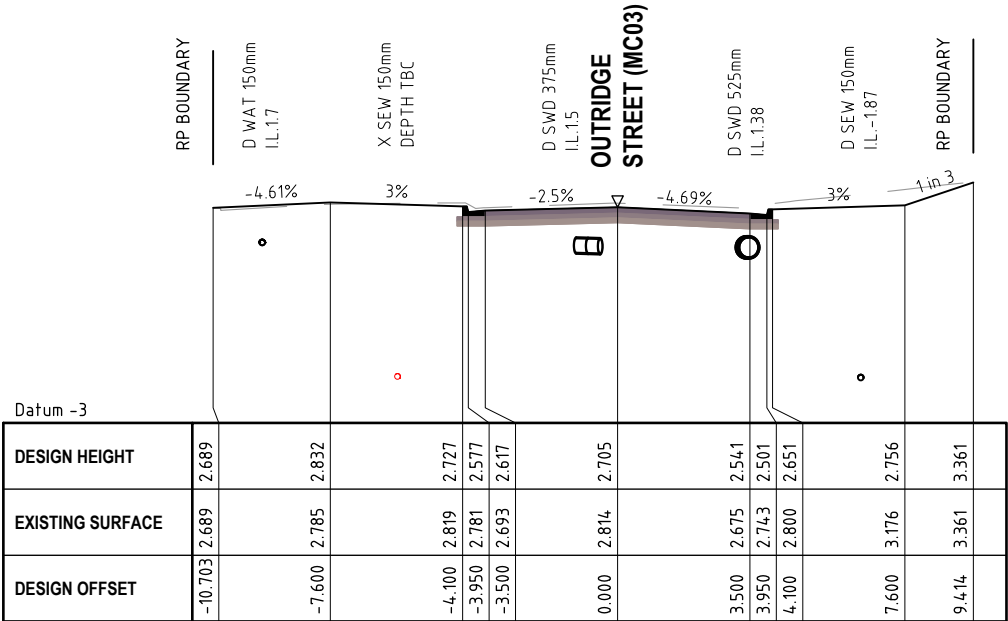


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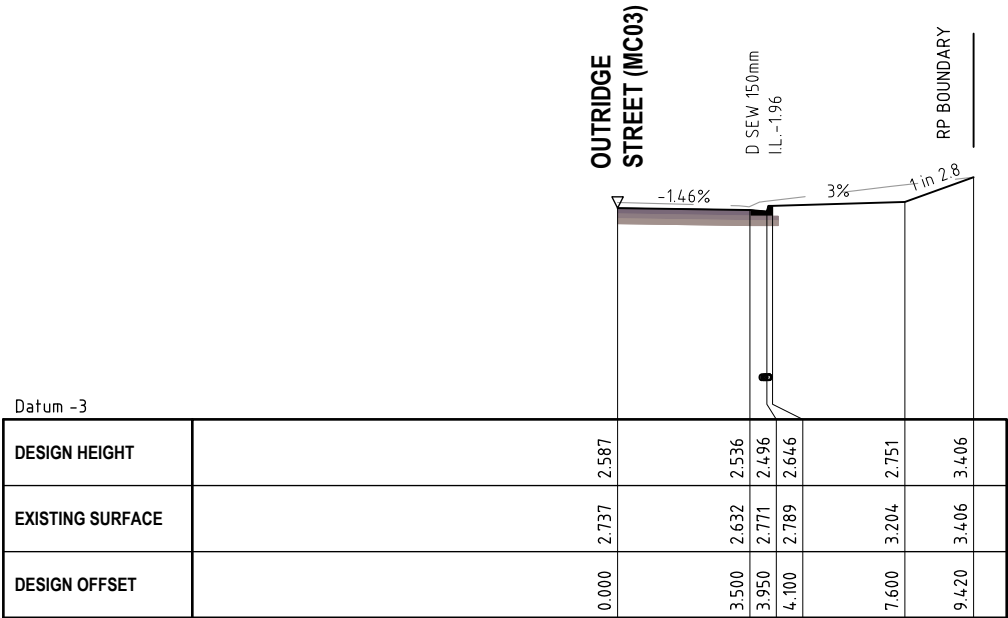
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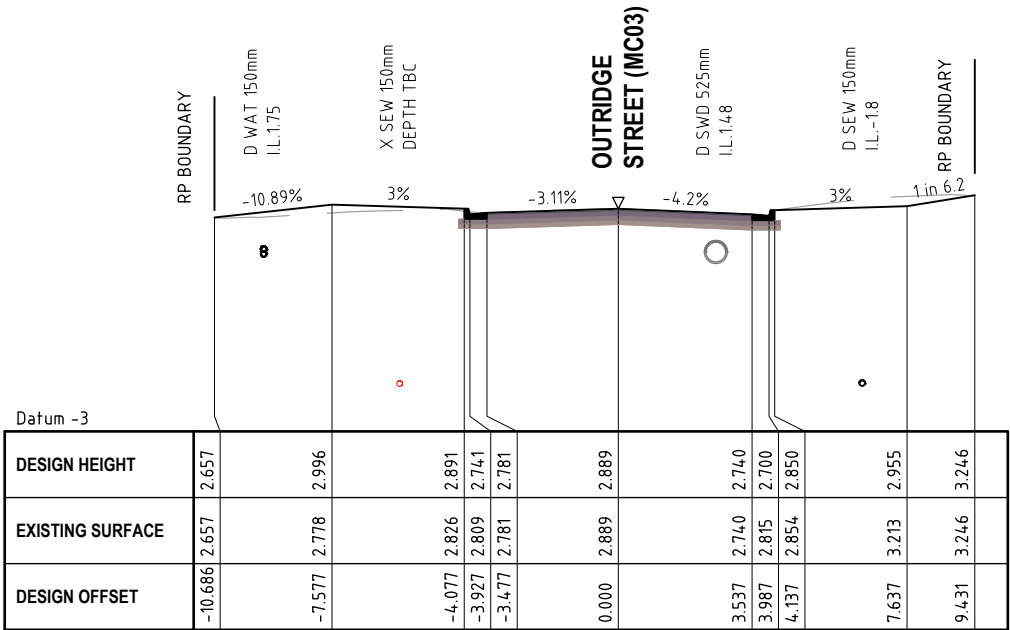
TITLE: BANANA STREET SOUTH (MC02) CROSS SECTIONS	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 63 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1602



CHAINAGE 20.000



CHAINAGE 10.288



CHAINAGE 33.051

AMENDED IN RED: The design surface of cross sections must interface with the existing surface.

AMENDED IN RED: The cross-sections must be amended so that the batter slope criteria specified in Drawing C-1019 is achieved.

AMENDED IN RED

By: Gehan DeSilva

Date: 08/11/2022



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



REVISIONS	ISSUE DATE
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1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:
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APPROVED:
RPEQ:26951
APPROVED DATE:06/10/22

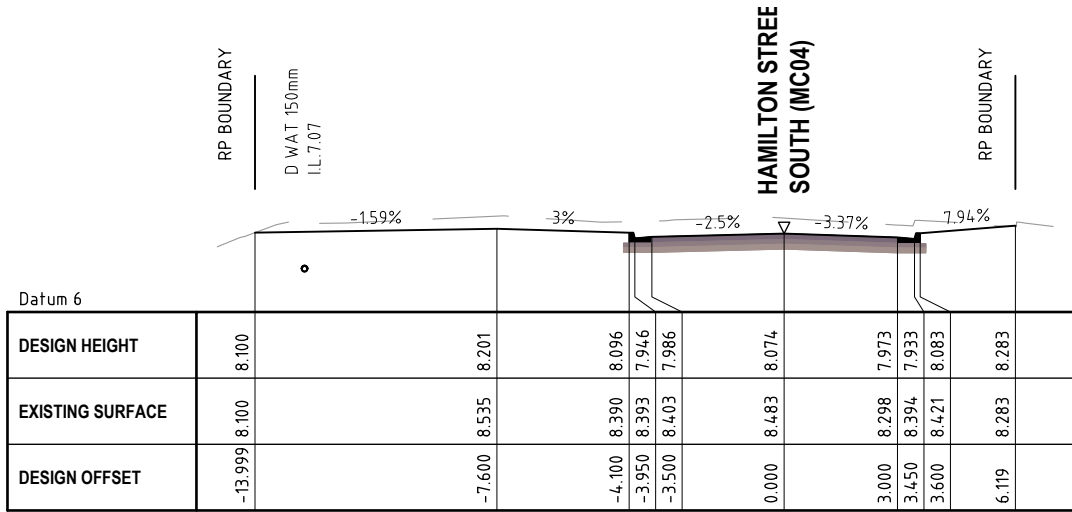


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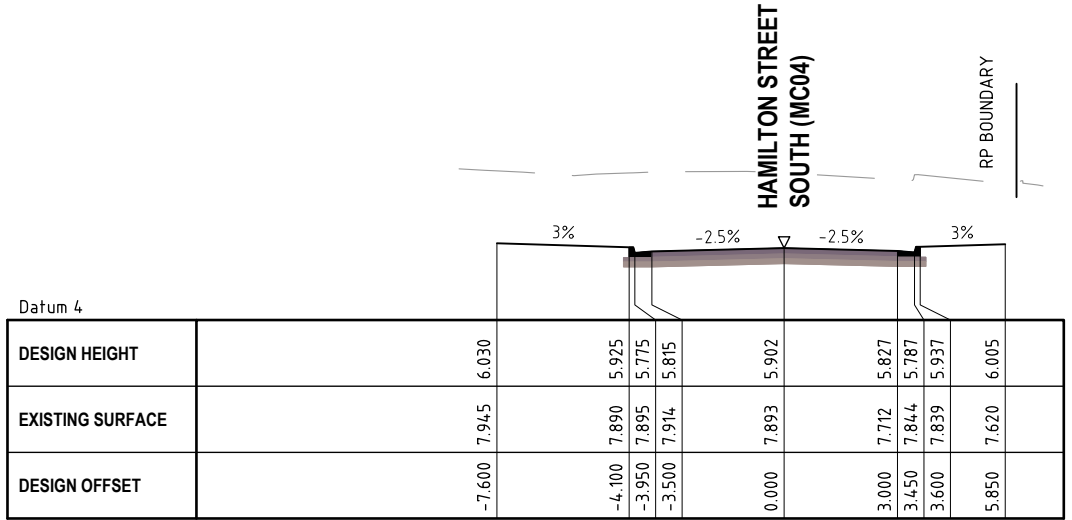
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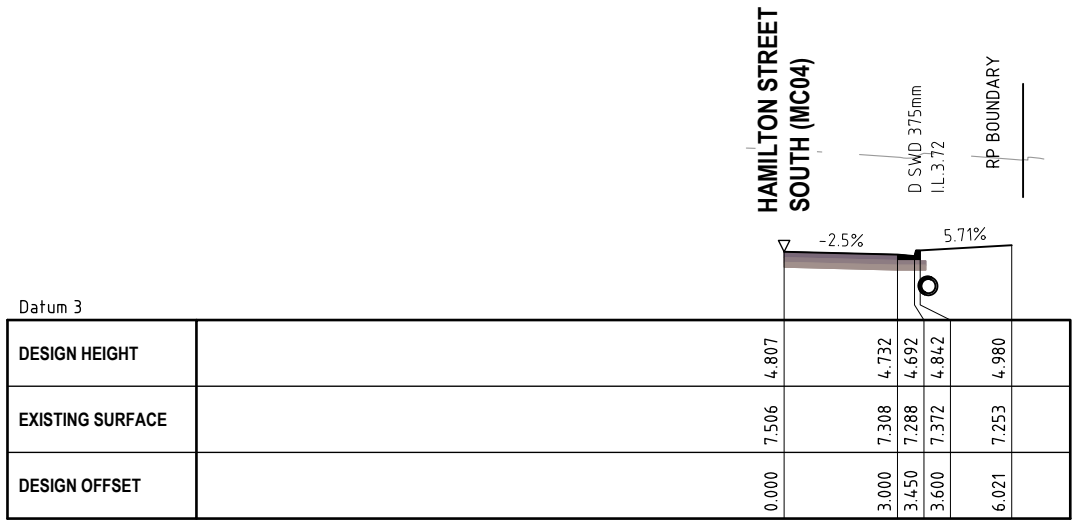
TITLE: OUTRIDGE STREET (MC03) CROSS SECTIONS	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 64 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1603
	0 1 2 3 4 5



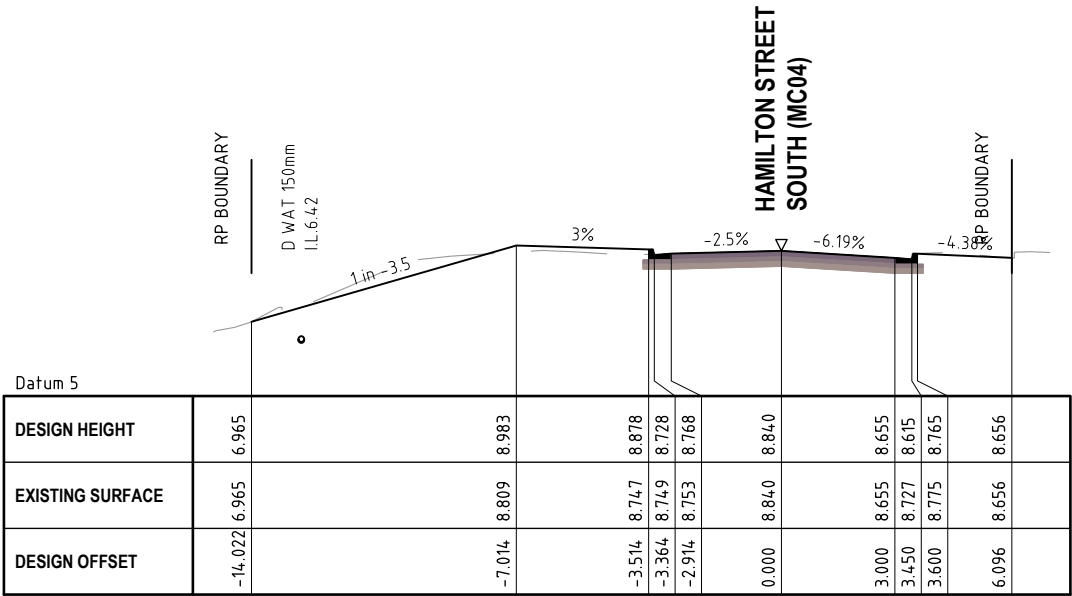
CHAINAGE 40.000



CHAINAGE 20.000



CHAINAGE 10.799



CHAINAGE 55.275

AMENDED IN RED: The design surface of cross sections must interface with the existing surface.

AMENDED IN RED: The cross-sections must be amended so that the batter slope criteria specified in Drawing C-1019 is achieved.

AMENDED IN RED

By: Gehan DeSilva

Date: 08/11/2022



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

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0 ISSUE FOR APPROVAL	8/8/2022

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APPROVED DATE:06/10/22

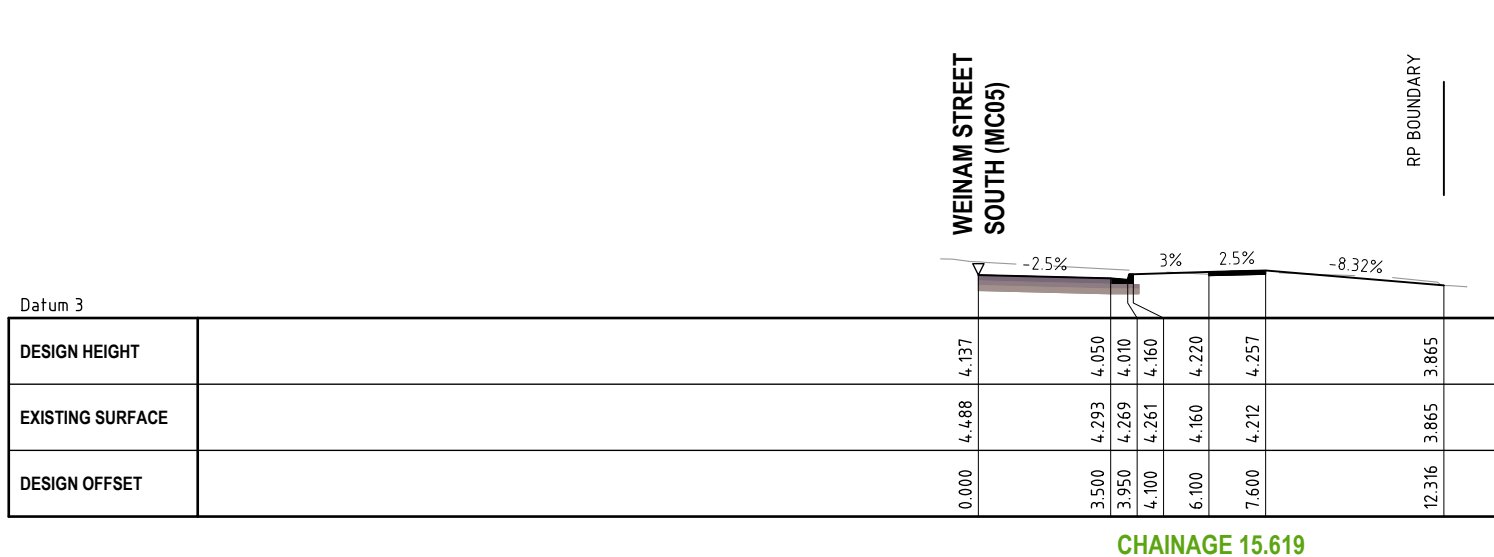
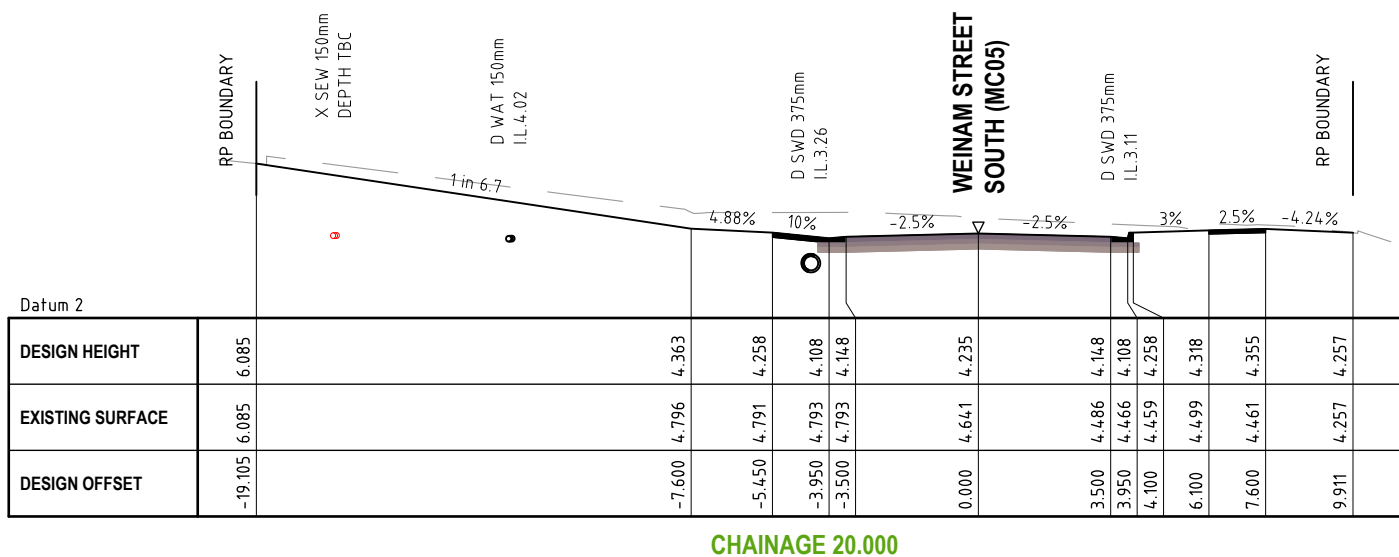


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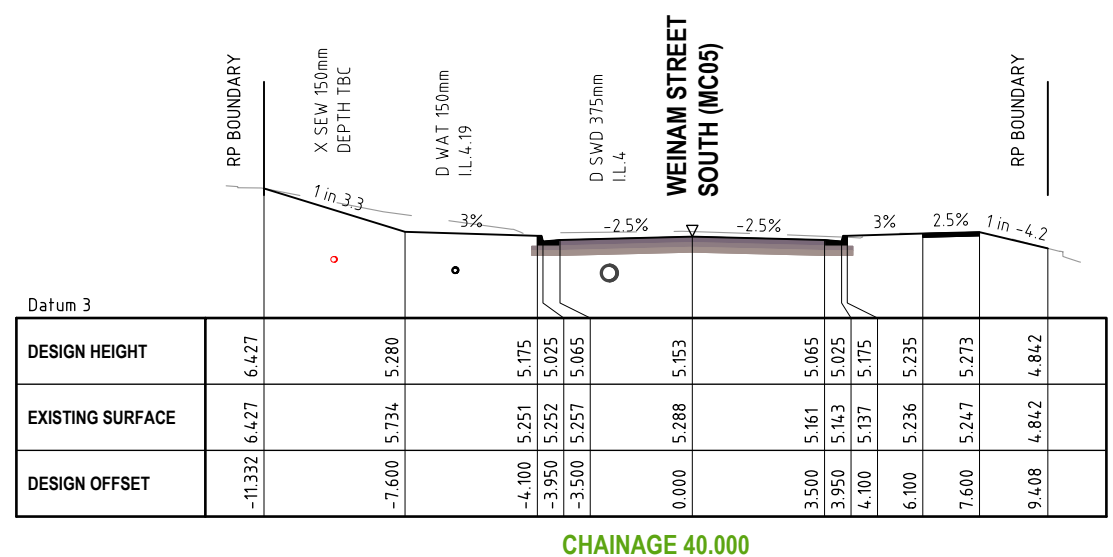
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TITLE: HAMILTON STREET SOUTH (MC04) CROSS SECTIONS	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 65 of 72 DRAWINGS
	Job No. FC-22-014-3A
	DWG No. C-1604
	0 1 2 3 4 5



AMENDED IN RED: The design surface of cross sections must interface with the existing surface.

	CHAINAGE 53.012													
DESIGN HEIGHT	6.471		5.477	5.327	5.367	5.457		5.370	5.330	5.480	5.520	5.550		4.712
EXISTING SURFACE	6.471		5.450	5.424	5.353	5.457		5.369	5.433	5.474	5.515	5.507		4.712
DESIGN OFFSET	-10.566		-4.208	-4.058	-3.608	0.000		3.491	3.941	4.091	5.416	6.633		9.948



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APPROVED: 
RPEQ:26951
APPROVED DATE:06/10/22

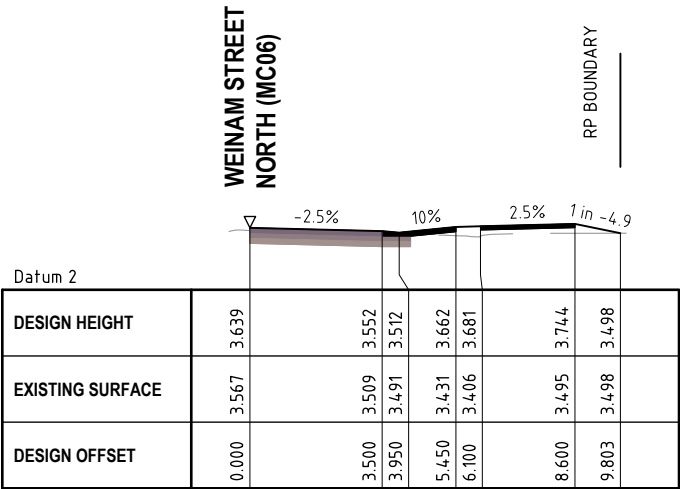


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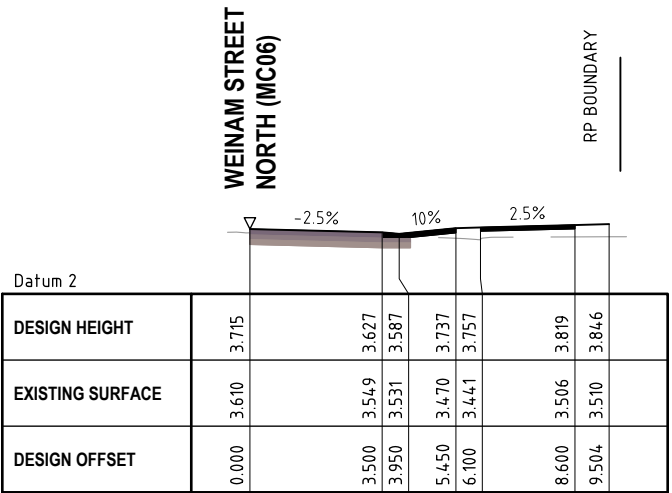
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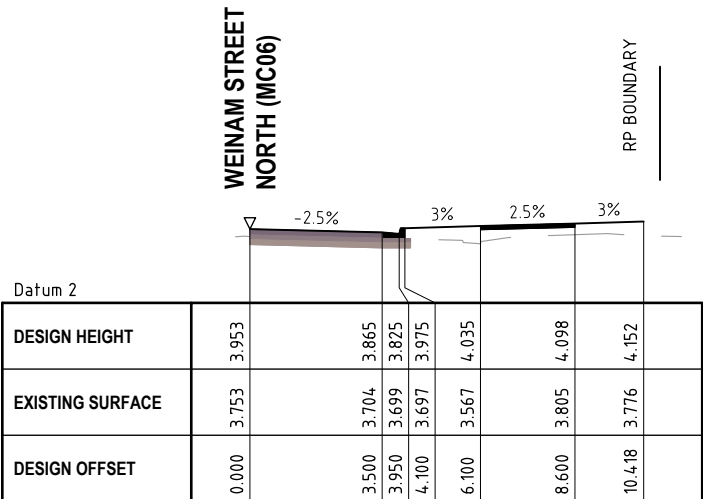
TITLE: WEINAM STREET SOUTH (MC05) CROSS SECTIONS													A3					
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION										No. 66 of 72 DRAWINGS								
										Job No.					DWG No.			
										FC-22-014-3A					C-1605			
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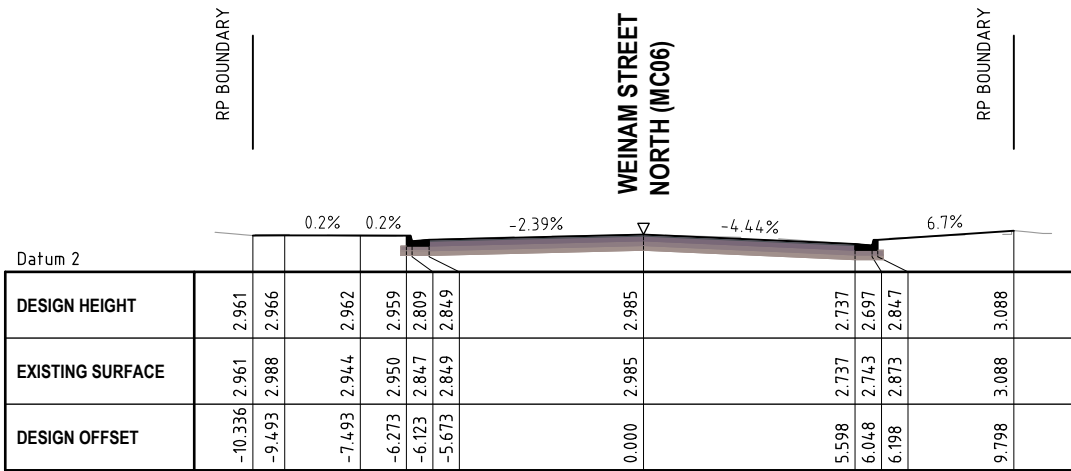
CHAINAGE 22.000



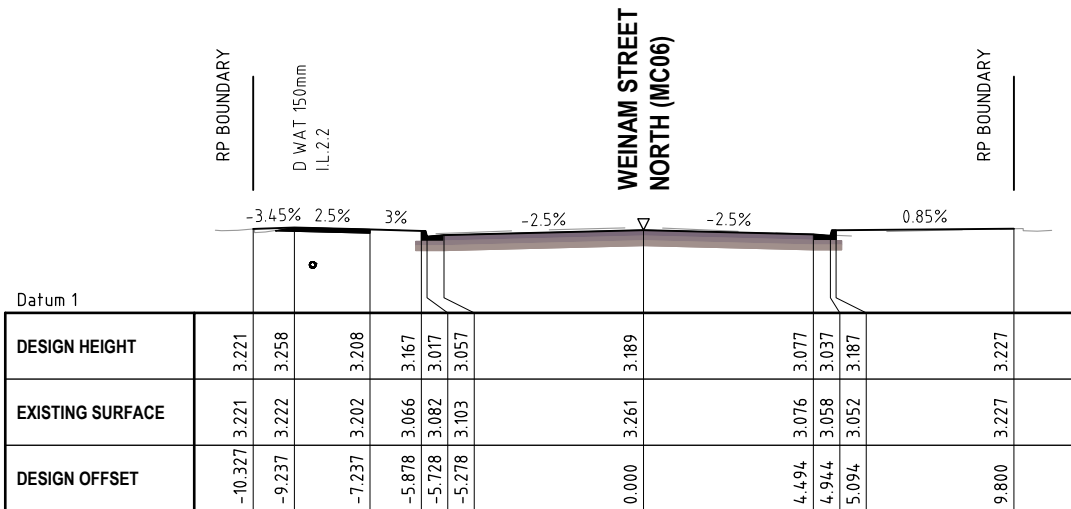
CHAINAGE 20.000



CHAINAGE 13.424



CHAINAGE 55.000



CHAINAGE 40.000

AMENDED IN RED: The design surface of cross sections must interface with the existing surface.

AMENDED IN RED

By: Gehan DeSilva

Date: 08/11/2022



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022



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REDLAND INVESTMENT CORPORATION

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TITLE: WEINAM STREET NORTH (MC06) CROSS SECTIONS	A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 67 of 72 DRAWINGS
	Job No. FC-22-014-3A
	DWG No. C-1606
	0 1 2 3 4 5

AMENDED IN RED: The design surface of cross sections must interface with the existing surface.

AMENDED IN RED: Drawing title to be corrected to reflect 'MC08' cross sections

AMENDED IN RED

By: Gehan DeSilva

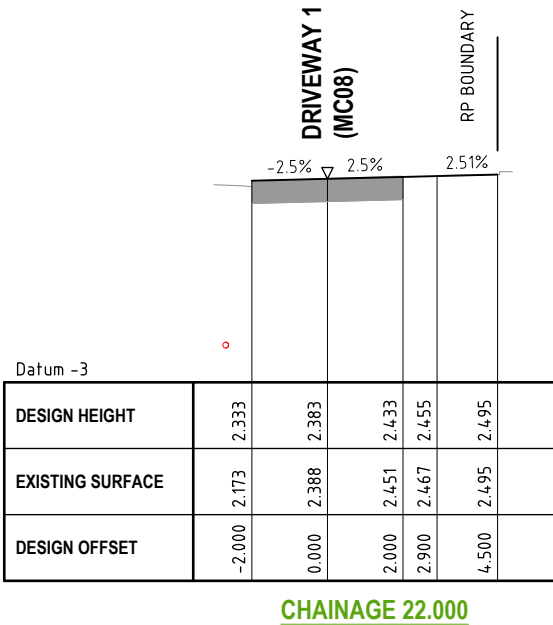
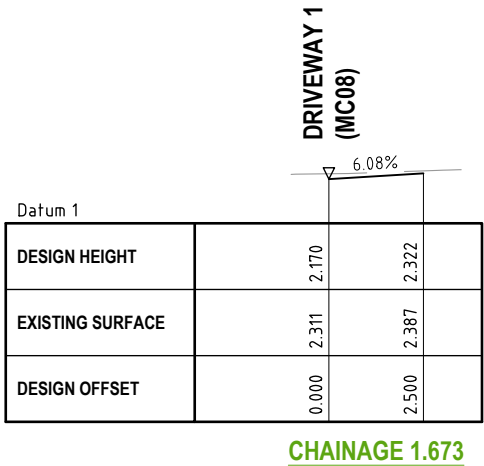
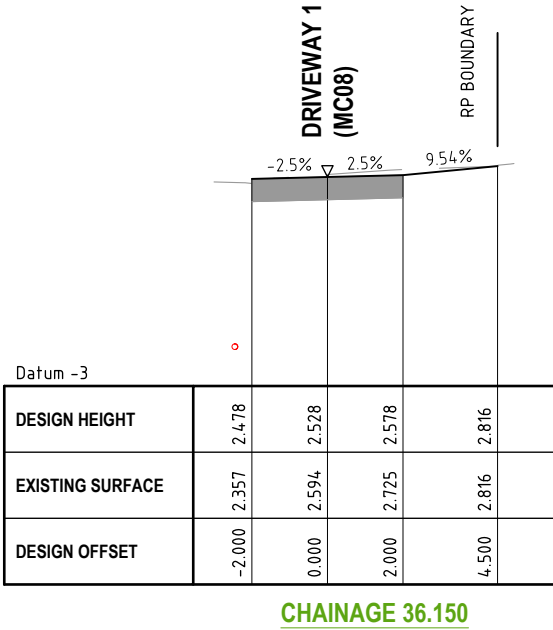
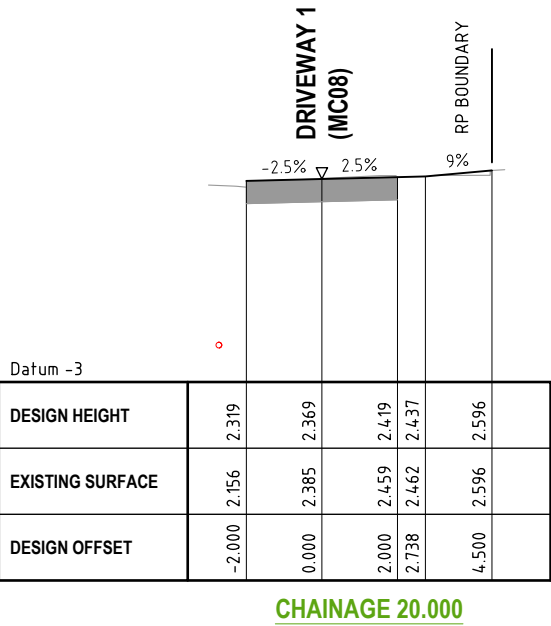
Date: 08/11/2022



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RPEQ:26951
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TITLE: BANANA STREET NORTH (MC07) CROSS SECTIONS		A3
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 68 of 72 DRAWINGS
		Job No. FC-22-014-3A DWG No. C-1607
		0 1 2 3 4 5

WEINAM CREEK PRIORITY DEVELOPMENT

AREA - STAGE 3A

WEINAM CREEK, REDLAND BAY. FOR REDLAND INVESTMENT CORPORATION.



LOCALITY PLAN

SCALE: NTS

CLEARING OF VEGETATION

1. NO CLEARING SHALL BE CARRIED OUT BEYOND THE EXTENTS OF EARTHWORKS OR WHERE NECESSARY FOR SERVICES CONSTRUCTION WITHOUT WRITTEN APPROVAL OF THE SUPERINTENDENT.
2. MILLABLE LOGS ARE TO BE REMOVED FOR SAWMILLING.
3. SUITABLE MATERIAL IS TO BE MULCHED FOR REUSE ON SITE.

EARTHWORKS:

1. ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS.3798.
2. EARTHWORKS TO BE CARRIED OUT TO 'LEVEL 1' STANDARD IN ROADS AND 'LEVEL 2' STANDARD IN LOTS FOR SUPERVISION, INSPECTION AND TESTING IN ACCORDANCE WITH AS.3798.
3. TESTING FREQUENCY SHALL BE FOR 'TYPE 1' EARTHWORKS IN ACCORDANCE WITH AS.3798.
4. THE CONTRACTOR SHALL PROGRESSIVELY SUBMIT ALL INSPECTION CERTIFICATIONS AND TEST RESULTS (E.G. FIELD DENSITIES) IN COMPLIANCE WITH AS.3798.
5. STRIP AND STOCKPILE AVAILABLE TOPSOIL (ASSUMED AVERAGE DEPTH 75mm) FROM ALL AREAS TO BE DISTURBED BY BULK EARTHWORK ACTIVITIES.
6. STOCKPILES TO:
 - RUN ALONG THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
 - BE PLACED NO CLOSER THAN 2 METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
 - TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
 - TO HAVE EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.
 - BE STABILISED AS SOON AS PRACTICAL TO MINIMISE THE POTENTIAL FOR DUST AND EROSION.
7. FILL MATERIAL SHALL BE PLACED IN MAXIMUM 250mm LOOSE LAYER THICKNESS. EACH LAYER SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION AS MEASURED BY THE STANDARD METHOD DESCRIBED IN AS.3798.
8. COMPACT AND PROOF ROLL ALL PREPARED SURFACES PRIOR TO FILLING.
9. ALL IMPORTED FILL MATERIAL SHALL BE CLEAN EXCAVATED MATERIAL FREE FROM TOPSOIL AND VEGETATION. THE MATERIAL SHALL BE FREE FROM COBBLES OR ROCKS IN EXCESS OF 100mm NOMINAL SIZE.
10. ALL DISTURBED AREAS ARE TO BE STABILISED AS SOON AS PRACTICAL TO MINIMISE THE POTENTIAL FOR DUST AND EROSION. REFER TO CMP PLAN C-0703 FOR PROPOSED TREATMENT.
11. CUT AND FILL BATTERS TO EXISTING SURFACE @ 1 ON 4 MAX. U.N.O.

ROADWORKS:

1. PROVIDE SUBSOIL DRAINS AS SHOWN ON TYPICAL SECTIONS. MAY BE OMITTED WHERE STORMWATER PIPES ARE SHOWN ON DRAWINGS
2. NOTIFY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING ROAD RESERVES.
3. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING SERVICES WITH THE RELEVANT AUTHORITIES BEFORE COMMENCING CONSTRUCTION. ANY COSTS ASSOCIATED WITH THE DAMAGE OR REPAIRS TO EXISTING SERVICES SHALL BE PAID FOR BY THE CONTRACTOR.
4. ALL WORK SHALL CONFORM WITH REDLAND CITY COUNCIL PLANNING SCHEME POLICY AND COUNCIL SPECIFICATIONS IN ADDITION TO THESE PLANS AND ESQ'S DOCUMENTATION.
5. VERIFY SET OUT DIMENSIONS SHOWN ON THE DRAWINGS BEFORE SITE WORKS, CONSTRUCTION AND FABRICATION COMMENCES. REFER ANY DISCREPANCY TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. PROVIDE TRAFFIC MANAGEMENT, LINEMARKING AND SIGNAGE TO THE CURRENT "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" / AS1742 REQUIREMENTS.
7. ALL EXISTING INFRASTRUCTURE AND ROAD FURNITURE WITHIN THE AREA OF WORKS TO BE SUITABLY RELOCATED AND MADE GOOD.

CONSTRUCTION NOTES:

1. CONSTRUCTION START DATE - T.B.A.
2. CONSTRUCTION COMPLETION DATE - T.B.A.
3. HOURS OF OPERATION - MONDAY TO SATURDAY REFER DWG C-0701
4. CONSTRUCTION PROGRAM - SEE BELOW:
5. DUST CONTROL MEASURES:-
 - 5.1. AREAS OF CLEARING / EARTHWORKS TO BE LIMITED TO THAT SHOWN ON OPERATIONAL WORKS PLANS.
 - 5.2. PHYSICAL BARRIERS TO BE RETAINED. I.E. EXISTING VEGETATION / BUFFER ZONES.
 - 5.3. SITE TRAFFIC CONTROL: CONSTRUCTION VEHICLE SPEED LIMITS ON UNSEALED TRACKS TO BE REDUCED TO 10km/h OR FURTHER IF REQUIRED.
 - 5.4. EARTH MOVING EQUIPMENT MANAGEMENT: CONSTRUCTION EQUIPMENT TO BE POSITIONED STRATEGICALLY THROUGHOUT THE SITE TO MINIMISE DUST POLLUTION IMPACT ON NEIGHBOURING PROPERTIES. WIND DIRECTION AND VELOCITY TO BE MONITORED PERIODICALLY.
 - 5.5. WATER TRUCK TO CYCLE WITHIN DISTURBED AREAS OF THE SITE ON A REGULAR BASIS. WEATHER CONDITIONS TO BE MONITORED AND CYCLES INCREASED IF REQUIRED.
 - 5.6. VEGETATION TO BE STABILISED AS SOON AS PRACTICAL AT THE COMPLETION OF BULK EARTHWORKS. DISTURBED AREAS TO BE SEEDED, EROSION AND SEDIMENT CONTROL MEASURES TO BE CONSTRUCTED.
6. SITE FOREMAN DETAILS - T.B.A.

NOTIFICATION AND INSPECTION PROTOCOLS:

THE SUPERINTENDENT IS RESPONSIBLE FOR LIAISING WITH THE COUNCIL DELEGATE AT THE CRITICAL CONSTRUCTION INSPECTIONS AND THE CONTRACTOR SHALL GIVE SUFFICIENT NOTICE, AS FOLLOWS:

1. PRE-START MEETING (MANDATORY) - MINIMUM 7 WORKING DAYS.
2. KEY CONSTRUCTION ACTIVITY INSPECTIONS (REFER BELOW) - MINIMUM 48 HOURS.
3. ON MAINTENANCE INSPECTION (WHERE SPECIFIED BY COUNCIL AT THE PRE-START MEETING) - MINIMUM 5 WORKING DAYS.
4. OFF MAINTENANCE INSPECTION (WHERE SPECIFIED BY COUNCIL AT THE PRE-START MEETING) - MINIMUM 5 WORKING DAYS.
5. THE SUPERINTENDENT IS LIKELY TO CONDUCT RANDOM SITE VISITS AT THEIR DISCRETION AS NECESSARY - NO NOTICE.

KEY CONSTRUCTION ACTIVITIES TO BE INSPECTED INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING:

1. BULK EARTHWORKS INSPECTION: STRIPPED TOPSOIL VISUAL AND PROOFROLL, SEDIMENT AND EROSION CONTROL MEASURES ARE USED AND MAINTAINED. CONTRACTOR TO SUBMIT CBR AND DENSITY TEST RESULTS COMPLIANT WITH AS3798.
2. SUB-GRADE BOX INSPECTION: VISUAL AND PROOFROLL. CONTRACTOR TO SUBMIT CBR AND DENSITY TEST RESULTS.
3. PRE-SEAL INSPECTION: MEASUREMENT, STRINGLINE, VISUAL AND PROOFROLL. CONTRACTOR TO SUBMIT CBR AND DENSITY TEST RESULTS.
4. CONCRETE PAVEMENT INSPECTIONS: STEEL INSPECTION, MEASUREMENT.
5. STORMWATER OUTLET: COMPLIANCE WITH THE DRAWINGS, PRIOR TO COMMENCING PIPE LAYING UPSTREAM.
6. UNDERGROUND CULVERT/CONDUIT AND PIPES: CHECK BEDDING AND ALIGNMENT PRIOR TO BACKFILL AND COMPACTION OF TRENCHES.

THE CONTRACTOR SHALL GIVE SUFFICIENT NOTICE TO SUPERINTENDENT PRIOR TO COMMENCEMENT AND UPON COMPLETION OF EACH STAGE OF THE RELEVANT WORKS.

ADDRESSING COMPLAINTS

ALL COMPLAINTS SHALL BE ADDRESSED AS STIPULATED BY RELEVANT COUNCIL APPROVED DOCUMENTS.

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

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Date: 05/12/2022



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TITLE: C.M.P. INDEX & STANDARD NOTES		A3	
PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION		No. 69 of 72 DRAWINGS	
		Job No. FC-22-014-3A	DWG No. C-1700
		0 1 2 3 4 5	

CONSTRUCTION MANAGEMENT PLAN								
	AIR QUALITY MANAGEMENT	NOISE MANAGEMENT	VIBRATION CONTROL	ON-SITE MACHINERY SERVICING AND MAINTENANCE	STORAGE AND HANDLING OF DANGEROUS GOODS ON-SITE	WASTE MANAGEMENT	VISUAL IMPACT MANAGEMENT	SITE SECURITY AND PROTECTION OF EMPLOYEES AND THE PUBLIC
ISSUE	- INCREASED WIND BORNE SEDIMENT LOADS DURING THE CONSTRUCTION PHASE.	- PUBLIC NOISE NUISANCE FROM CONSTRUCTION VEHICLES AND EQUIPMENT. - WORKER HEALTH AND SAFETY.	- VIBRATION DAMAGE TO NEIGHBOURING STRUCTURES. - NUISANCE.	- POTENTIAL FOR SPILLAGE OR LEAKAGE OF CHEMICAL AND PETROLEUM PRODUCTS AND REGULATED WASTES TO WATERS.	- POTENTIAL FOR SPILLAGE OR LEAKAGE OF CHEMICAL AND PETROLEUM PRODUCTS AND REGULATED WASTES TO WATERS.	- APPROPRIATE DISPOSAL OF ALL CONSTRUCTION SITE WASTE.	- LOSS OF VISUAL AMENITY DUE TO CONSTRUCTION, MACHINERY AND EQUIPMENT.	- UNAUTHORISED ACCESS TO THE SITE LEADING TO VANDALISM, THEFT OR PERSONAL INJURY.
OBJECTIVE	- TO REDUCE CONSTRUCTION IMPACTS ON AIR QUALITY AND TO HELP MINIMISE INCONVENIENCE TO NEIGHBOURING PROPERTIES.	- TO UNDERTAKE ALL REASONABLE AND PRACTICABLE MEASURES TO PREVENT OR MINIMISE NOISE NUISANCE TO NEIGHBOURING PROPERTIES.	- TO ENSURE GROUND VIBRATIONS DO NOT CAUSE DAMAGE TO ADJACENT BUILDINGS OR CAUSE ANNOYANCE TO NEARBY RESIDENTS.	- TO MINIMISE THE EFFECT OF ON-SITE MACHINERY MAINTENANCE. - TO UNDERTAKE ALL REASONABLE AND PRACTICAL MEASURES TO MINIMISE CONTAMINATION OF LAND AND WATERS.	- TO MINIMISE THE RISK OF HEALTH HAZARDS CAUSED BY THE STORAGE AND TRANSPORT OF DANGEROUS GOODS. - TO UNDERTAKE ALL REASONABLE AND PRACTICAL MEASURES TO MINIMISE CONTAMINATION OF LAND AND WATERS.	- TO TAKE ALL REASONABLE AND PRACTICABLE STEPS TO REDUCE AND RECYCLE WASTE DURING THE CONSTRUCTION PHASE AND TO DISPOSE OF IT IN AN APPROPRIATE MANNER.	- TO UNDERTAKE CONSTRUCTION USING ALL REASONABLE AND PRACTICABLE MEASURES TO MINIMISE IMPACT ON VISUAL AMENITY.	- TO LIMIT ACCESS TO THE CONSTRUCTION SITE FOR AUTHORISED PERSONNEL DURING WORK HOURS ONLY.
PERFORMANCE	- STANDARD CONSTRUCTION HOURS SHALL BE LIMITED TO 7:00AM TO 6:00PM MONDAYS TO SATURDAYS UNLESS OTHERWISE AUTHORISED BY COUNCIL. - NO WORKS TO BE CARRIED OUT ON A SUNDAY OR PUBLIC HOLIDAY. - DUST PLUMES CREATED FROM THE CONSTRUCTION SITE AND/OR HAULAGE OF MATERIALS ARE TO BE ELIMINATED. - NO COMPLAINTS FROM NEIGHBOURS.	- STANDARD CONSTRUCTION HOURS SHALL BE LIMITED TO 7:00AM TO 6:00PM MONDAYS TO SATURDAYS. - NO UNREASONABLE NOISE RELEASES. - IN ABSENCE OF QUANTITATIVE MONITORING DURING THE CONSTRUCTION PHASE, NOISE LEVELS ARE TO BE CONTROLLED TO ACCORD WITH ACCEPTED INDUSTRY AND REGULATORY REQUIREMENTS.	- STANDARD CONSTRUCTION HOURS SHALL BE LIMITED TO 7:00AM TO 6:00PM MONDAYS TO SATURDAYS. - VIBRATION IS TO COMPLY WITH THE PERFORMANCE REQUIREMENTS OUTLINED IN THE DEPARTMENT OF TRANSPORT AND MAIN ROADS TECHNICAL STANDARD MRTSS1, OR EQUIVALENT. - NO EXCESSIVE COMPLAINTS FROM NEIGHBOURING RESIDENCES. - NO UNREASONABLE VIBRATIONS.	- NO RELEASE ON CONTAMINANTS TO LAND OR WATER. - AVOID ANY ADVERSE EFFECTS ON THE CONSTRUCTION SITE DUE TO THE MAINTENANCE AND SERVICING OF MACHINERY.	- ALL DANGEROUS GOODS TO BE STORED, HANDLED AND BUNDED, ACCORDING TO AUSTRALIAN STANDARDS, INCLUDING AS2508, AS1678, AS1940 AND AS2931. - NO RELEASE OF CONTAMINANTS TO LAND AND WATER.	- ABSENCE OF WASTE AND LITTER ON THE CONSTRUCTION SITE, ACCESS ROAD AND BUFFERS. - NO COMPLAINTS.	- MINIMAL ADVERSE VISUAL IMPACT. - NO EXCESSIVE COMPLAINTS.	- NO UNAUTHORISED ACCESS TO THE CONSTRUCTION SITE.
CONTROL MEASURES	- PRIOR TO COMMENCEMENT OF CONSTRUCTION, NEIGHBOURING RESIDENTS AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING (BY LETTER DROP) OF THE CONSTRUCTION PERIOD, DESIGNATED WORKING HOURS AND CONTACTS REGARDING COMPLAINTS OF EXCESSIVE AIR QUALITY DETERIORATION. - VEGETATIVE GROUND COVERS ARE TO BE MAINTAINED WHERE POSSIBLE. - ACTIVITIES ARE TO ONLY BE CONDUCTED DURING SUITABLE WEATHER CONDITIONS. - A WATER TRUCK OR SPRAY APPARATUS IS TO BE PROVIDED ON SITE WHEN REQUIRED. - EXPOSED AREAS SUCH AS CLEARED AREAS AND STOCKPILES, ARE TO BE WATERED AND KEPT DAMP IN ORDER TO MINIMISE EROSION OR THE POTENTIAL FOR DUST CREATION. - VEHICLE SPEED IS TO BE LIMITED ON SITE TO MINIMISE DUST GENERATION. - TRUCKS ENTERING OR EXITING THE SITE SHALL HAVE THEIR LOADS COVERED. - ALL CONSTRUCTION VEHICLES EXITING SITE SHALL PASS THROUGH A WASH DOWN AND/OR DRIVE OVER A SHAKE DOWN GRID WHICH WILL BE LOCATED AT THE SITE ENTRY/EXIT. - HAULAGE ROUTES SHALL AVOID RESIDENTIAL AREAS AND USE SEALED ROADS WHERE POSSIBLE. - MACHINERY SHALL BE FITTED WITH DUST FILTERS. - ALL EQUIPMENT AND VEHICLES ARE TO MEET RELEVANT EMISSION STANDARDS. -MAINTENANCE OF WIND BREAKS AND BARRIERS WHERE POSSIBLE. -STOCKPILE HEIGHTS ARE TO BE KEPT TO MANAGEABLE HEIGHTS FOR DUST AND EROSION CONTROL PURPOSES. -PROTECTION OF LONG TERM SOIL STOCKPILES WITH REVEGETATION, WATERING/MOISTURE OR HYDROMULCHING WHERE PRACTICABLE. - REVEGETATE AS SOON AS POSSIBLE FOLLOWING CONSTRUCTION.	- PRIOR TO COMMENCEMENT OF CONSTRUCTION, NEIGHBOURING RESIDENTS AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING (BY LETTER DROP) OF THE CONSTRUCTION PERIOD, DESIGNATED WORKING HOURS AND CONTACTS REGARDING COMPLAINTS OF EXCESSIVE NOISE. - ADJACENT RESIDENCES ARE TO BE ADVISED OF ANY WORKS TO BE CONDUCT OUT OF THE STANDARD CONSTRUCTION HOURS. - ALL CONSTRUCTION STAFF ARE TO HAVE ADEQUATE NOISE PROTECTION AS PER WORK PLACE HEALTH AND SAFETY. - ALL PLANT AND MACHINERY USED DURING CONSTRUCTION MUST BE FITTED WITH EXHAUST SILENCERS OR NOISE SUPPRESSION EQUIPMENT, MUST BE IN GOOD OPERATING CONDITION AND MEET EMISSION STANDARDS. - HAULAGE ROUTES SHALL AVOID RESIDENTIAL AREAS AND USE DEDICATED ROUTE ROADS WHERE POSSIBLE.	- PRIOR TO COMMENCEMENT OF CONSTRUCTION, NEIGHBOURING RESIDENTS AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING (BY LETTER DROP) OF THE CONSTRUCTION PERIOD, DESIGNATED WORKING HOURS AND CONTACTS REGARDING COMPLAINTS OF EXCESSIVE VIBRATION. - UNDERTAKE GEOTECHNICAL INVESTIGATION AS NECESSARY TO PREDICT VIBRATION EFFECTS OF CONSTRUCTION TECHNIQUES. - UNDERTAKE ACTIVITIES LIKELY TO CAUSE VIBRATION DURING NORMAL CONSTRUCTION HOURS.	- A BUNDED SERVICE AREA IS REQUIRED FOR MAINTENANCE AND SERVICING. - SIGNIFICANT VEHICLE MAINTENANCE SHALL BE CONDUCTED OFF-SITE AT APPROPRIATE FACILITIES. - LIGHT MAINTENANCE MAY BE UNDERTAKEN ON SITE, IN THE BUNDED SERVICE AREA. - THE CONTRACTOR IS TO PROVIDE SUITABLE ACCESS SURFACING FOR ALL WEATHER PURPOSES. - SAFE HANDLING TECHNIQUES AND REQUIRED REFUELING. - WASTE OILS ARE TO BE COLLECTED AND TRANSPORTED TO RECYCLERS OR DESIGNATED DISPOSAL SITES. - SERVICING OF PLANT AND EQUIPMENT SHOULD BE UNDERTAKEN OUTSIDE OF NORMAL CONSTRUCTION HOURS.	- DANGEROUS GOODS SHALL BE STORED SEPARATELY IN BUNDED AREAS NOT ACCESSIBLE TO UNQUALIFIED PERSONS WITHOUT APPROPRIATE TRAINING IN ITS HANDLING AND FIRST AID PROCEDURES. - CHEMICAL DATA, HANDLING AND SAFETY SHEETS FOR ALL DANGEROUS GOODS WILL BE KEPT IN THE SITE OFFICE. - ONLY NECESSARY QUANTITIES OF CHEMICALS, FUEL AND OILS SHOULD BE KEPT ON THE CONSTRUCTION SITE AT ANY TIME. - EQUIPMENT IS TO BE AVAILABLE IN FUEL STORAGE AREAS AND IN VEHICLES TO CONTAIN AND CLEAN UP ANY SPILLS THAT MAY OCCUR. RELEASE ANY CLEAN STORMWATER ACCUMULATED IN TEMPORARY BUNDED AREAS.	- DESIGNATE A WASTE COLLECTION AREA ON-SITE THAT DOES NOT RECEIVE A SUBSTANTIAL AMOUNT OF RUNOFF FROM UPLAND AREAS AND DOES NOT DRAIN DIRECTLY TO WATER BODY. - ENSURE REGULAR COLLECTION OF ON-SITE WASTE. - WASTE COLLECTION BINS ARE TO BE CLEARLY MARKED "CONVENTIONAL WASTE", "RECYCLABLE" AND "REGULATED WASTE". ENSURE THAT ALL CONTAINERS ARE FITTED WITH LIDS'. - REGULATED WASTES SHALL BE SEALED IN AN AIRTIGHT CONTAINER AND COLLECTED BY AS APPROPRIATE LICENSED CONTRACTOR TO RECEIVE SUCH WASTE. - SCHEDULED WASTE COLLECTION IS REQUIRED TO PREVENT THE CONTAINERS FROM OVERFLOWING.	- RUBBISH AND WASTE TO BE COLLECTED FROM SITE. - SURPLUS CONSTRUCTION MATERIAL TO BE PROMPTLY REMOVED FROM CONSTRUCTION SITE. - VEGETATION DISTURBANCE TO BE MINIMISED.	- ALL ACCESS TO THE SITE IS TO BE VIA THE NOMINATED POINT ON PLAN. - BARRICADES AND SAFETY FENCING SHALL BE ERCTED AROUND THE SITE AND ADJACENT TO PUBLIC ACCESS WAYS. THE SITE ACCESS IS TO BE GATED. - GENERALLY, CONSTRUCTION ACTIVITIES ARE TO BE FENCED/HOARDED FROM ADJACENT PROPERTIES. - THE CONSTRUCTION SITE COMPOUND IS TO BE LOCKED AT ALL TIMES OUTSIDE OF WORK HOURS. - THE SITE SHALL BE APPROPRIATELY MAINTAINED TO PROVIDE A SAFE WORK ENVIRONMENT FOR ALL PERSONNEL, VISITORS AND THE GENERAL PUBLIC. - APPROPRIATE WARNING SIGNS SHALL BE ERCTED FOR THE WORK FORCE AND THE GENERAL PUBLIC TO HIGHLIGHT HAZARDOUS ACTIVITIES WITHIN AND AROUND THE SITE. - STRICT HOUSEKEEPING SHALL APPLY TO ALL ENTRIES USED FOR SITE ACCESS OR EGRESS, INCLUDING ENTRY TO SITE SHEDS AND EMPLOYEES FACILITIES.
RESPONSIBILITY	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE. - THE CONTRACTOR IS RESPONSIBLE FOR PUBLIC NOTIFICATION VIA A LETTER DROP.	- THE CONTRACTOR IS RESPONSIBLE FOR THE SITE. - THE CONTRACTOR IS RESPONSIBLE FOR PUBLIC NOTIFICATION VIA LETTER DROP.	- THE CONTRACTOR IS RESPONSIBLE FOR THE SITE. - THE CONTRACTOR IS RESPONSIBLE FOR PUBLIC NOTIFICATION VIA LETTER DROP.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE.	- THE CONTRACTOR HOLDS RESPONSIBILITY FOR THE SITE. - THE CONTRACTOR IS RESPONSIBLE FOR FENCING/HOARDING TO THE ADJACENT PROPERTIES.
MONITORING	- THE CONTRACTOR SHALL CONDUCT DAILY VISUAL INSPECTIONS OF THE SITE FOR DUST PLUMES. - A COMPLAINT REGISTER IS TO BE MAINTAINED.	- A COMPLAINT REGISTER TO BE MAINTAINED. - ALL GENUINE NOISE COMPLAINTS SHALL BE ASSESSED TO DETERMINE IF THE NOISE IS UNREASONABLE. SUCH INVESTIGATIONS MAY REQUIRE NOISE MONITORING TO DETERMINE IF A PROBLEM OR BREACH EXISTS.	- THE CONTRACTOR IS RESPONSIBLE FOR FREQUENT INSPECTIONS OF THE SITE DURING IMPACT WORKS.	- THE CONTRACTOR IS RESPONSIBLE FOR DAILY VISUAL INSPECTIONS OF THE SITE.	- THE CONTRACTOR IS RESPONSIBLE FOR DAILY VISUAL INSPECTIONS OF THE SITE. - REGULAR INSPECTION WILL BE UNDERTAKEN OF ALL TEMPORARY CHEMICAL AND PETROLEUM PRODUCT STORAGE AREAS FOR LEAKAGE'S.	- THE CONTRACTOR IS RESPONSIBLE FOR DAILY VISUAL INSPECTIONS OF THE SITE.	- REGULAR INSPECTIONS FOR UNREASONABLE VISUAL IMPACTS. - A COMPLAINT REGISTER IS TO ME MAINTAINED.	- DAILY VISUAL INSPECTIONS OF THE SITE WILL BE UNDERTAKEN FOR ADEQUACY OF SITE SECURITY.
CORRECTIVE ACTIONS	- CORRECTIVE ACTIONS WILL INCLUDE A REVIEW OF EXISTING CONTROL MEASURES FOR INADEQUACIES. - SHOULD COMPLAINTS ARISE, THE CONTRACTOR SHALL ENSURE MEASURES ARE TAKEN TO MODIFY THE OFFENDING EQUIPMENT OR MODIFY CONSTRUCTION PRACTICES TO REDUCE DUST LEVELS WITHIN RELEVANT GUIDELINES.	- UNREASONABLE NOISE CAUSED BY MACHINERY IS TO BE REMEDIED BY APPROPRIATE REPAIRS AND A MAINTENANCE SCHEDULE REVIEW. - THE RELEVANT ACTIVITY MAY REQUIRE MODIFICATION OR RELOCATION. - SPECIFIC MACHINERY MAY REQUIRE AN ALTERATION TO ITS HOURS OF OPERATION. - CORRECTIVE ACTIONS WILL INCLUDE A REVIEW OF EXISTING CONTROL MEASURES FOR INADEQUACIES. - IN THE EVENT THAT A NON-CONFORMANCE HAS OCCURRED AS A RESULT OF POOR WORK PRACTICES, PERSONNEL ON SITE WILL BE MADE AWARE OF THE PROBLEM AND INFORMED OF ACCEPTABLE WORK PRACTICES.	- SHOULD COMPLAINTS ARISE, MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO MODIFY THE OFFENDING EQUIPMENT OR MODIFY CONSTRUCTION PRACTICES TO ENSURE VIBRATIONS ARE WITHIN RELEVANT GUIDELINES.	- THE CONTRACTOR SHALL ENSURE ON-SITE MACHINERY IS STORED WITHIN THE SECURE DESIGNATED COMPOUND AFTER WORKING HOURS. - THE CONTRACTOR SHALL ENSURE ANY UNAUTHORISED MAINTENANCE IS CEASED IMMEDIATELY AND MOVED OFF-SITE. - THE CONTRACTOR SHALL ENSURE ANY AREA DAMAGED BY HYDROCARBONS OR HAZARDOUS CHEMICALS IS FENCED, EXCAVATED AND REMOVED FROM SITE TO A DESIGNATED DUMPING AREA AND THE AREA RE-ESTABLISHED.	- IF DAMAGED GOODS ARE SPILT, THE CONTRACTOR SHALL ENSURE THAT THE AREA IS ISOLATED AND MINIMISED. - PETROLEUM OR CHEMICAL SPILLAGE'S ARE TO BE IMMEDIATELY CLEANED UP WITH ABSORBENT MATERIAL. - ABSORBENT MATERIALS USED FOR CLEAN UP OR WASTE DANGEROUS GOODS ARE TO BE PLACED AND SEALED IN AN APPROPRIATE CONTAINER MARKED "REGULATED WASTE" AND CONSIGNED TO A WASTE CONTRACTOR LICENSED TO RECEIVE SUCH WASTE FOR DISPOSAL AT AN APPROPRIATE FACILITY. - THE DAMAGED AREA IS TO BE RE-ESTABLISHED.	- PROMPT DELEGATION OF CLEAN UP WORKS. - INCREASED VIGILANCE.	- VISUAL OFFENSIVE COMPONENTS OF CONSTRUCTION SHOULD BE IDENTIFIED AND IF POSSIBLE MODIFIED IN CONSULTATION WITH COMPLAINT.	- INSTALLATION OF INCREASED SECURITY MEASURES REQUIRED.
REPORTING	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING AND CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.	- WEEKLY REPORTING BY THE PRINCIPAL CONTRACTOR TO THE CONSULTANT COVERING THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM AND NOTING ANY CORRECTIVE ACTIONS TAKEN.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022


Queensland Government

REVISIONS		ISSUE DATE	SCALE:	FOR APPROVAL	 	TITLE: CONSTRUCTION MANAGEMENT PLAN	A3
5							
4							
3							
2							
1	RFI RESPONSE	06/10/2022	DO NOT SCALE FROM PLAN	APPROVED:  RPEQ:26951 APPROVED DATE:06/10/22	 	PROJECT: WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A WEINAM CREEK REDLAND BAY FOR REDLAND INVESTMENT CORPORATION	No. 70 of 72 DRAWINGS Job No. FC-22-014-3A DWG No. C-1701 0 1 2 3 4 5
0	ISSUE FOR APPROVAL	8/8/2022					

EROSION AND SEDIMENT CONTROL PROGRAM:

1. THIS PROGRAM AND AND ASSOCIATED PLANS SHALL BE READ IN CONJUNCTION WITH THE SITE MANAGEMENT SPECIFICATION INCORPORATED IN THE CONTRACT DOCUMENTS. THE PROVISIONS OF THE SPECIFICATION ARE TO BE STRICTLY ADHERED TO.
2. PRIOR TO THE COMMENCEMENT OF THE CONSTRUCTION, THE CONTRACTOR IS TO PROVIDE A DETAILED PROGRAM TO THE SUPERINTENDENT SHOWING THE TIMING FOR ALL WORKS ASSOCIATED WITH THE PROJECT, NOMINATING, IN PARTICULAR, THE PROGRAM FOR INSTALLATION OF SOIL AND EROSION CONTROL SYSTEMS.
3. EARTHWORKS SHALL BE CARRIED OUT IN SUCH A MANNER THAT THE SITE IS MAINTAINED IN A WELL DRAINED CONDITION, AREAS OF LOOSE SOIL ARE MINIMISED AND CONCENTRATIONS OF STORMWATER ARE MINIMISED
4. THE BASIC OBJECTIVES OF THE EROSION AND SEDIMENT CONTROL ARE:

- IDENTIFY CRITICAL AREAS AND PROVIDE SPECIAL ATTENTION TO THOSE AREAS;

- PLAN SITE LAYOUT SO THAT ACCESS TO ALL REQUIRED DRAINAGE EROSION AND SEDIMENT CONTROL MEASURES IS MAINTAINED;

- LIMIT EXPOSURE TIME BY PROGRAMMING TO MINIMISE THE AREA OF LAND EXPOSED TO POTENTIALLY ADVERSE WEATHER CONDITIONS AT ANY ONE TIME;

- PROVIDE CONTROL MEASURES INCLUDING TEMPORARY AND PERMANENT DRAINAGE, EROSION AND SEDIMENT CONTROLS
5. THE EROSION AND SEDIMENT CONTROL SHALL COMPLY WITH LOCAL AUTHORITY EROSION AND SEDIMENT CONTROL STANDARDS, THE SOIL EROSION AND SEDIMENT CONTROL – ENGINEERING GUIDELINES FOR QUEENSLAND (CURRENT EDITION), AND ALL OTHER LOCAL AUTHORITY EROSION AND SEDIMENT CONTROL GUIDELINES.
6. ALL ESC MEASURES SHALL BE INSPECTED:

- AT LEAST DAILY (WHEN WORK IS OCCURRING ON SITE);

- WITHIN 24 HOURS OF EXPECTED RAIN; AND

- WITHIN 18 HOURS OF RAINFALL EVENT (I.E. AN EVENT OF SUFFICENT INTENSITY AND DURATION TO MOBILISE SEDIMENT ON SITE.)

MAINTENANCE OF ESC MEASURES SHALL OCCUR IN ACCORDANCE WITH THE FOLLOWING TABLE:

ESC MEASURES	MAINTENANCE TRIGGER	TIME FRAME FOR COMPLETION OF MAINTENANCE
SEDIMENT BASINS	WHEN SETTLED SEDIMENT EXCEEDS THE VOLUME OF THE SEDIMENT STORAGE ZONE (SEE COUNCIL'S SEDIMENT BASIN DESIGN GUIDELINES)	WITHIN 7 DAYS OF THE INSPECTION
OTHER ESC MEASURES	THE CAPACITY OF ESC MEASURES FALLS BELOW 75%	BY THE END OF THE DAY

7. WATER QUALITY SAMPLES MUST BE TAKEN AND ANALYSED PRIOR TO THE RELEASE OF ANY WATER FROM THE SITE. WATER QUALITY MUST SATISFY THE FOLLOWING CRITERIA; TSS<50 mg/L, pH BETWEEN 6.5 AND 8.5. IF WATER QUALITY FAILS THE CRITERIA THEN USE OF A GYPSUM FLOCCULENT IS TO BE APPLIED AS DIRECTED BY THE SUPERINTENDENT.

8. ALL WATER QUALITY DATA INCLUDING DATES OF RAINFALL, TESTING AND WATER RELEASE MUST BE MAINTAINED IN ONSITE REGISTER. THIS REGISTER IS TO BE MAINTAINED FOR THE DURATION OF THE APPROVED WORKS AND BE AVAILABLE ON SITE FOR INSPECTIONS BY COUNCIL OFFICERS ON REQUEST.

9. CONSTRUCTION ACCESS SHALL BE AT POINTS NOMINATED ON THE EROSION AND SEDIMENT CONTROL PLAN. A SHAKE FACILITY, INCLUDING VIBRATION GRID AND ROCK PAD, SHALL BE LOCATED AT ALL ENTRY/EXIT LOCATIONS. FOR DETAILS FOR SHAKEDOWN FACILITY REFER I.P.W.E.A.Q. STANDARD DRAWINGS **DS-40**.

10. SUPPLEMENTARY EROSION AND SEDIMENT CONTROL DEVICES MAY BE REQUIRED AT THE DISCRETION OF THE SUPERINTENDENT AND/OR COUNCIL.

11. SEDIMENT CONTROL DEVICES SHALL BE PROVIDED AND MAINTAINED WHERE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. ALL SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AS DIRECTED BY THE SUPERINTENDENT.

12. EXCAVATED MATERIAL WILL BE PLACED DIRECTLY INTO FILL AREAS IN ACCORDANCE WITH THE APPROVED SPECIFICATION.

13. ANY IMPORTED FILL MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION.

14. ALL TEMPORARY EROSION AND SEDIMENT CONTROL (ESC) MEASURES TO BE MAINTAINED AND FULLY OPERATIONAL DURING THE MAINTENANCE PERIOD AND ARE TO BE REMOVED AFTER THE SATISFACTORY COMPLETION OF AN "OFF-MAINTENANCE" INSPECTION BY COUNCIL AND PRIOR TO FORMAL ACCEPTANCE "OFF-MAINTENANCE" BY COUNCIL

EROSION AND SEDIMENT CONTROL NOTES:

1. STRIP AND STOCKPILE AVAILABLE TOPSOIL (ASSUMED AVERAGE DEPTH 75mm) FROM ALL DISTURBED AREAS PRIOR TO BULK EARTHWORKS. STOCKPILES ARE TO BE STABILISED TO MINIMISE THE POTENTIAL FOR DUST AND EROSION.
2. SEDIMENT FENCES TO BE PROVIDED AS REQUIRED AND EXCESSIVE SEDIMENT DEPOSITS SHOULD BE REMOVED. FOR DETAILS OF SEDIMENT FENCE REFER I.P.W.E.A.Q. STANDARD DRAWING **DS-040**.
3. DAILY CHECKS OF SILT FENCES AND SEDIMENT TRAPS IS TO BE MADE ALONG WITH A CHECK AFTER ANY SIGNIFICANT STORM EVENT TO ENSURE INTEGRITY AND PERFORMANCE.

TURFING / SEEDING / HYDROMULCHING

1. ALL FOOTPATHS, BATTERS AND EARTHWORKS AFFECTED ALLOTMENTS ARE TO BE TOPSOILED TO A MINIMUM DEPTH OF 100mm (LIGHTLY COMPACTED) AND REVEGETATED AS SPECIFIED.
2. PROVIDE A 0.8m MINIMUM TURF STRIP BEHIND ALL KERB AND PATHWAYS WITH A PERPENDICULAR STRIP AT 10m INTERVALS TO PREVENT SCOURING ALONG THE TURF EDGE. ALL AREAS NOT COVERED BY TURF ARE TO BE GRASS SEEDED OR HYDROMULCHED AS SHOWN ON THE DRAWINGS.
3. ALL DISTURBED AREAS ARE TO BE TOPSOILED AND REVEGETATED AS SOON AS PRACTICAL.
4. SEEDED, HYDROSEEDED AND HYDROMULCHED TREATED AREAS SHALL ACHIEVE A MINIMUM OF 80% OF EACH AND EVERY SQUARE METRE OF TREATED AREA GRASS SHOOTS 15mm HIGH AT A DENSITY OF NOT GREATER THAN 70mm APART.
5. TURF SHALL BE MAINTAINED TO ENSURE TREATED AREAS ARE ROOTED INTO THE TOPSOIL SUCH THAT IT CANNOT BE LIFTED BY HAND.
6. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL TREATED AREAS ARE SUFFICIENTLY WATERED TO PROMOTE AND MAINTAIN GROWTH FOR THE DURATION OF THE DEFECT LIABILITY PERIOD (12 MONTHS).

'A' DURING CONSTRUCTION

1. TOPSOIL STOCKPILES TO HAVE A SEDIMENT FENCE DOWN SLOPE AND A DIVERSION DRAIN UP SLOPE.
2. SEDIMENT FENCES TO BE PLACED AS SHOWN.
3. INSPECT BANKS DAILY AND REPAIR ANY SLUMPS, WHEELS TRACK DAMAGE OR LOSS OF FREEBOARD.
4. REMOVE SEDIMENT TO AVOID PONDING FROM CATCH DRAINS.
5. REMOVE EXCESSIVE SEDIMENT FROM UPSTREAM OF CHECK DAMS.
6. ROAD RESERVE TO BE USED AS HAUL ROAD.
7. A CATCH DRAIN/CATCH BANK IS TO BE PROVIDED ON THE TOP SIDE OF ALL CUTS AND DISCHARGE WITHER TO UNDISTURBED GRASS LANDS OR TO THE CROSS ROAD DRAINAGE.
8. SUPPLEMENTARY EROSION AND SEDIMENT CONTROL DEVICES MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
9. GRASS SEEDING IS TO ACHIEVE 70% COVER WITHIN 30 DAYS OF COMPLETION OF EARTHWORKS.

'B' DURING CONSTRUCTION

1. SEDIMENTATION AND EROSION CONTROLS ARE TO BE MAINTAINED AS DIRECTED BY THE SUPERINTENDENT.

HOLD POINT

1. WORK TO ROADS, DRAINAGE, SEWER, WATER OR EARTHWORKS MUST NOT PROCEED UNTIL ADEQUATE SEDIMENT CONTROL IS IN PLACE TO THE SATISFACTION OF THE SUPERINTENDENT.

ORDER OF CONSTRUCTION:

1. CONSTRUCT TEMPORARY SHAKE DOWN FACILITIES INCLUDING VIBRATION GRID AND ROCK PAD PRIOR TO BULK EARTHWORK ACTIVITIES.
2. SITE BARRIER/NO-GO FENCING ENVIRONMENTAL & SILT CONTROLS TO BE ESTABLISHED.
3. SEDIMENT FENCES, TRAPS (INLET PROTECTION) TO BE INSTALLED.
4. SITE TO BE SHAPED TO DESIGN BULK EARTHWORKS LEVELS AND SURFACE STABILISED A.S.A.P. BY MEANS OF 'DUSTEX' OR APPROVED EQUIVALENT .

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279
Date: 05/12/2022



WARNING

THE LOCATION OF EXISTING SERVICES ARE SHOWN INDICATIVELY ON DRAWINGS. PRIOR TO AND DURING CONSTRUCTION OBTAIN PRECISE LOCATION OF ALL SERVICES (UNDERGROUND/OVERHEAD) FROM RELEVANT AUTHORITY RESPONSIBLE FOR SERVICE.

REVISIONS		ISSUE DATE	SCALE:	FOR APPROVAL		TITLE: EROSION & SEDIMENT CONTROL STANDARD NOTES		A3
5			NTS	APPROVED:	 	PROJECT:		No. 71 of 72 DRAWINGS
4						WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A		Job No.
3				RPEQ:26951		WEINAM CREEK REDLAND BAY		DWG No.
2				APPROVED DATE:06/10/22		FOR REDLAND INVESTMENT CORPORATION		FC-22-014-3A C-1702
1	RFI RESPONSE	06/10/2022						012345
0	ISSUE FOR APPROVAL	8/8/2022	DO NOT SCALE FROM PLAN					

NOTES

1. THIS DRAWING INCLUDES AN ESTIMATION OF THE TEMPORARY EROSION AND SEDIMENT CONTROL THE CONTRACTOR WILL NEED TO PUT IN PLACE. THE CONTRACTOR IS TO LIAISE WITH THE SUPERINTENDENT TO DETERMINE THE FINAL CONFIGURATION OF THE CONTROLS. THIS EMP IS A LIVING DOCUMENT AND IS REQUIRED TO BE UPDATED APPROPRIATELY AS CONSTRUCTION WORKS PROCEED.
2. APPROPRIATE EROSION & SEDIMENT CONTROL DEVICES TO BE ADVISED BY SUPERINTENDENT FOR DURATION OF WORKS.
3. REFER IPWEAQ STD. DWG. NO. DS-040 & DS-041 FOR DETAILS OF THE PROPOSED E&SC STRUCTURES.
4. ALL DISTURBED AREAS TO BE TOPSOILED AND TURFED U.N.O.

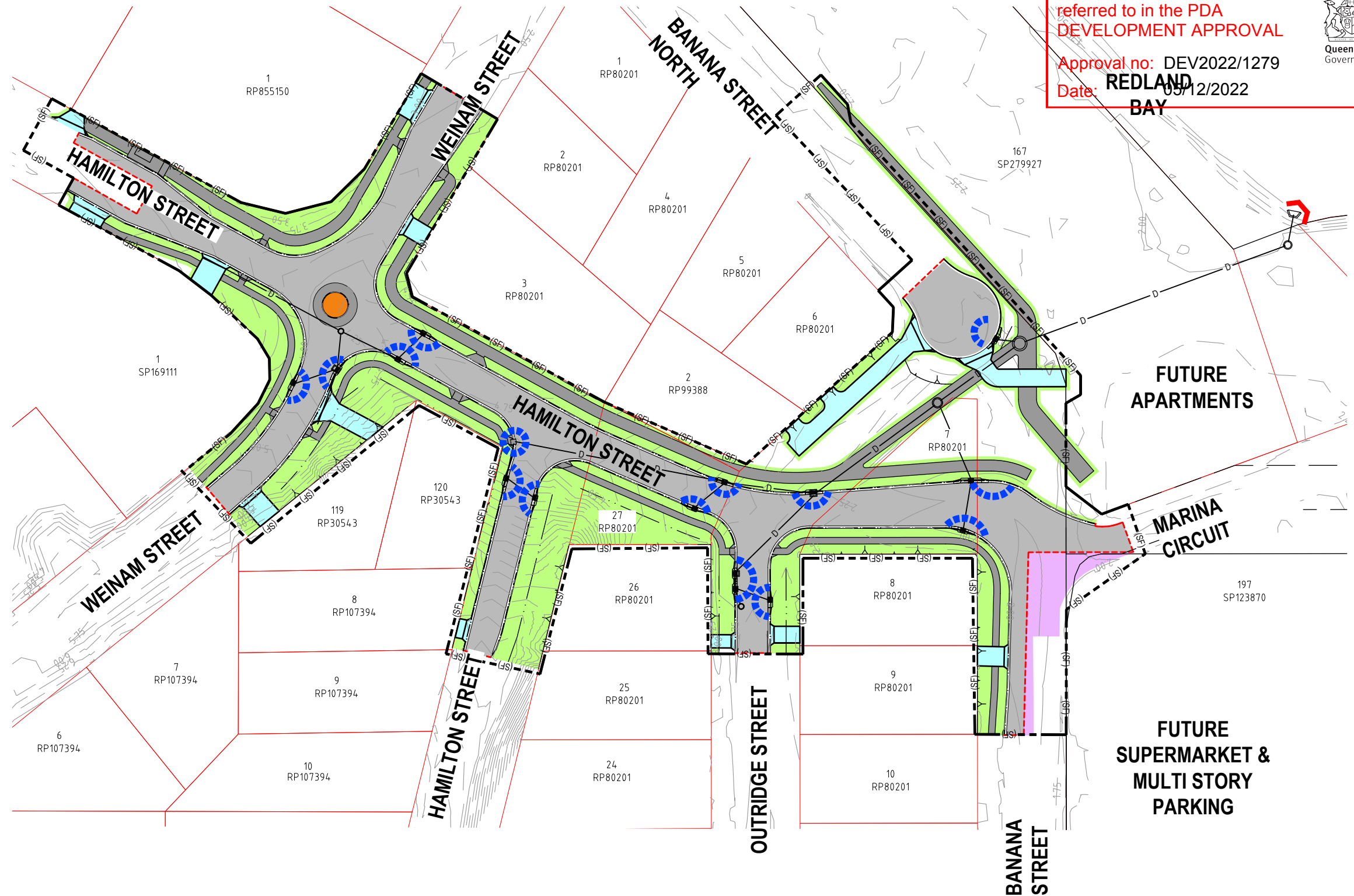
LEGEND

- (SF) --- PROPOSED SEDIMENT FENCE
-  TEMPORARY ROCK CHECK DAMS
-  PROPOSED AREA OF TURF (7680m²)
-  TEMPORARY SEDIMENT CONTROL

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1279

Date: 05/12/2022
REDLAND BAY



**FUTURE
APARTMENTS**

**MARINA
CIRCUIT**

**FUTURE
SUPERMARKET &
MULTI STORY
PARKING**

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REVISIONS	ISSUE DATE
5	
4	
3	
2	
1 RFI RESPONSE	06/10/2022
0 ISSUE FOR APPROVAL	8/8/2022

SCALE:



DO NOT SCALE FROM PLAN

FOR APPROVAL

APPROVED:

RPEQ:26951

APPROVED DATE: 06/10/22



REDLAND
INVESTMENT CORPORATION

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TITLE: EROSION & SEDIMENT CONTROL PLAN

PROJECT:
WEINAM CREEK PRIORITY DEVELOPMENT AREA STAGE 3A
WEINAM CREEK REDLAND BAY
FOR REDLAND INVESTMENT CORPORATION

No. 72 of 72 DRAWINGS

Job No. DWG No.

FC-22-014-3A C-1703

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