

HINCHINBROOK SHIRE COUNCIL  
DRFA BETTERMENT PROGRAM - CAPELLARIS ROAD  
JOB NUMBER - 23NDM001



LOCALITY PLAN  
1:20000(m)

SURVEY CONTROL POINTS

POINT	E(PRG)	N(PRG)	ELEV	CODE
1	418243.675	7928167.231	4.852	Iron Spike (Sub Surface)
2	418225.486	7928163.278	4.491	Screw In Headwall
606	416866.776	7929431.495	6.252	PM86325
607	418301.378	7929349.390	5.780	PM86326
1044	417845.030	7929393.762	6.624	PM188911

HINCHINBROOK SHIRE COUNCIL SURVEY NOTES:

PROJECT SITE: CAPELLARIS ROAD  
LOCALITY: BLACKROCK  
SURVEY NUMBER: 403802 .MJO  
PROJECT COORDINATES ARE ON A PLANE RECTANGULAR GRID AT MEAN TERRAIN HEIGHT COORDINATE POINT OF ORIGIN: TS1 , E: 418243.675  
N: 7928167.231 MGA -94 ZONE 55, DATUM/DERIVED QLD ANJ 22.09 SCALE FACTOR , PROJECT PLANE RECTANGULAR GRID TO MGA -94 =  
0.999672591 AZIMUTH DATUM: MGA -94 LEVEL DATUM AHD DERIVED: PM 86325 , HSC 606 , RL= 6.252

DRAWING INDEX

DRAWING NUMBER	DRAWING NAME	REVISION
8704	DRAWING INDEX & LOCALITY PLAN	A
8705	SAFETY IN DESIGN REPORT	A
8706	TYPICAL CROSS SECTION & PAVEMENT DETAILS	A
8707	WORKING PLAN MC01	A
8708	ANNOTATED X-SECTION (MC01) SHEETS 1 OF 2	A
8709	ANNOTATED X-SECTION (MC01) SHEETS 2 OF 2	A

MC01 CONTROL LINE SETOUT


PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	1190.000	418237.446	7928170.673	4.904	184°48'29.35"
IP 2	1290.000	418229.064	7928071.025	4.763	184°48'29.35"

DESIGN APPROVED

Date: 15/5/2023

Name: Chris Jones

Signature: [Signature]

			As Shown	LEVEL DATUM: AHD der	Drafted:	Designed:	Examined by Client:	Approved by Council's DIUS:	Survey Number 403802.MJO	Field Books	Level Books	 <b>HINCHINBROOK SHIRE COUNCIL</b>	HINCHINBROOK SHIRE COUNCIL	Job No				
				Associated Plans: 8704 - 8709	Checked:	Checked:	Date: <u>06/05/2023</u>	Date: <u>    </u> / <u>    </u> / <u>    </u>					CAPELLARIS ROAD - BLACKROCK	23NDM001				
01	28/04/2023	ORIGINAL ISSUE - ISSUED FOR CONSTRUCTION		Scale	Plan No. 1 OF 6			RPEQ No. 20748					RPEQ No. 16571	DRFA SEALING WORKS	Plan No			
FILEPATH: F:\SYNERGYTEMP\120SYNERGY\120SYNERGYSERVERSERVICE\2216\1AA529C1-A648-45CF-A404-9AD4E5A49B4C\90C3-001.DWG													DRAWING INDEX & LOCALITY PLAN	8704				
DATE PLOTTED: Friday, May 05, 2023 23:33:03														A				



DESIGN HAZARD SCHEDULE

ITEM	DESIGN HAZARD	POTENTIAL HAZARD	RISK	ELIMINATION / MINIMISATION OF HAZARD / RISK	RESIDUAL RISK
D1	ROAD DESIGN HAZARD	HYDRAULIC ANALYSIS NOT LOOKED AT FOR ROAD AND/OR CULVERTS (OUTSIDE SCOPE). AT THIS POINT IT IS UNKNOWN AS TO WHETHER THESE CULVERTS PERFORM CORRECTLY AT THE REQUIRED ARI.	MODERATE	EXISTING TABLE DRAINS WILL BE CLEARED AND ENSURED TO BE FREE DRAINING UPON COMPLETION OF CONSTRUCTION TO REDUCE IMPACT ON EXISTING DRAINAGE STRUCTURE PERFORMANCE.	LOW
D2	ROAD DESIGN HAZARD	INTERSECTION OF NEIGHBOURING FARM ROADS WERE NOT ASSESSED TO ANY DESIGN VEHICLE. ONLY TO RETAIN THE 6m SEAL WIDTH AS DIRECTED BY CLIENT.	MODERATE	HINCHINBROOK SHIRE COUNCIL ADVISED THE SCOPE OF WORKS FOR THIS PROJECT WAS TO PROVIDE A 6m WIDE SEAL FOR CAPELLARIS ROAD AT THE REQUIRED CHAINAGES AS WELL AS MAKING MINIMAL ADJUSTMNETS TO THE EXISTING GEOMETRY.	MODERATE
D3	ROAD DESIGN HAZARD	HINCHINBROOK SHIRE COUNCIL ADVISED THE SCOPE OF THIS PROJECT WAS TO RETAIN THE EXISTING VERTICAL ALIGNMENT. AS A RESULT COVER TO EXISTING DRAINAGE STRUCTURES WAS NOT ASSESSED.	MODERATE	HINCHINBROOK SHIRE COUNCIL HAS ACCEPTED THAT THESE DRAINAGE STRUCTURES ARE TO REMAIN IN PLACE UPON REVIEW AT THE 50% AND 100% DESIGN STAGES. IF THE THEIR CONDITION IS DETERMINED TO BE UNSATISFACTORY HINCHINBROOK SHIRE COUNCIL WILL RESOLVE DURING CONSTRUCTION IF REQUIRED.	LOW

CONSTRUCTION HAZARD SCHEDULE

ITEM	POTENTIAL HAZARD	POSSIBLE PREVENTATIVE ACTION
C1	DEEP EXCAVATION HAZARD	ALL STEPS MUST BE TAKEN TO OBTAIN CURRENT UNDERGROUND SERVICES INFORMATION BEFORE EXCAVATION WORKS COMMENCE. EXCAVATION WORK MUST BE UNDERTAKEN BY APPROPRIATELY EXPERIENCED AND QUALIFIED PERSONNEL. EXCAVATIONS SHALL BE ADEQUATELY SHORED AND APPROPRIATE BARRICADES AND SIGNAGE ERCTED, IF REQUIRED.
C2	OVERHEAD POWER HAZARD	WARNING SIGNS AND MARKERS SHALL BE ERECTED ADVISING OF THE PRESENCE OF LIVE OVERHEAD CABLES. A REPRESENTATIVE OF THE SUPPLY AUTHORITY SHALL REMAIN ON SITE DURING EARTHWORKS AND ANY OTHER HIGH RISK WORKS, IF REQUIRED.
C3	UNDERGROUND ELECTRICAL, TELECOMMUNICATION, GAS AND WATER MAIN HAZARD	WARNING SIGNS AND MARKERS SHALL BE ERECTED ADVISING OF THE PRESENCE OF THE EXISTING SERVICE. THE SERVICE SHALL BE IDENTIFIED AND MARKED BY THE SUPPLY AUTHORITY PRIOR TO THE COMMENCEMENT OF EXCAVATION. A REPRESENTATIVE OF THE SUPPLY AUTHORITY SHALL REMAIN ON SITE DURING THE EXCAVATION WORK, IF REQUIRED.
C4	WORKS NEAR RAIL, AIRPORTS AND ROADS HAZARD	ALL REQUIRED PERMITS, APPROVALS AND SAFETY REQUIREMENTS FROM THE RELEVANT AUTHORITY SHOULD BE OBTAINED PRIOR TO COMMENCING WORK. A REPRESENTATIVE OF THE RELEVANT AUTHORITY SHALL REMAIN ON SITE DURING CONSTRUCTION WHILE THE HAZARD REMAINS.
C5	PEDESTRIAN ACCESS HAZARD	WORK WITHIN OR ADJACENT TO AREAS WHICH THE PUBLIC REQUIRES PEDESTRIAN ACCESS MUST HAVE APPROPRIATE BARRICADES AND SIGNAGE ERECTED AT ALL TIMES.
C6	POTENTIAL VEHICLE HAZARD	SITE PERSONNEL SHALL BE ADVISED OF THE POTENTIAL HAZARDS AND THE APPROPRIATE PROCEDURES FOR WORKING ADJACENT TO OPERATING PUBLIC ROADS. APPROPRIATE SAFETY CLOTHING SHALL BE WORN AND THE REQUIRED SIGNAGE SHALL BE ERECTED. THE WORKS SHALL BE UNDERTAKEN IN A MANNER WHICH DOES NOT COMPROMISE THE SAFETY OF THE VEHICLE OCCUPANTS OR THE SITE PERSONNEL.
C7	DEMOLITION AND CLEARING HAZARD	SUITABLE QUALIFIED AND EXPERIENCED PERSONNEL SHALL BE RESPONSIBLE FOR THE DEMOLITION AND CLEARING WORKS FOR THE PROJECT AT ALL TIMES. THE CONTRACTORS WORK METHOD STATEMENT SHALL ALSO GIVE CONSIDERATION TO FALLING DEBRIS, COLLAPSE AND DANGEROUS AIRBORNE AGENTS.
C8	TRAFFIC MANAGEMENT HAZARD	SUITABLE QUALIFIED AND EXPERIENCED PERSONNEL SHALL BE RESPONSIBLE FOR THE SAFE AND ORDERLY PASSAGE OF VEHICULAR AND PEDESTRIAN TRAFFIC THROUGH THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL DEVELOP A TRAFFIC MANAGEMENT PLAN (TMP) FOR THE PROJECT TO ESTABLISH APPROPRIATE CONTROLS IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL.
C9	ASBESTOS HAZARD	ALL PERSONNEL SHOULD BE ADVISED OF THE POTENTIAL PRESENCE OF ASBESTOS AND AN IDENTIFICATION AND ACTION PLAN SHALL BE PUT IN PLACE. SAMPLING AND IDENTIFICATION IS TO BE UNDERTAKEN IN ACCORDANCE WITH WORKPLACE HEALTH AND SAFETY REGULATIONS. IF SAMPLING CONFIRMS THE PRESENCE OF ASBESTOS THEN THE ACTION PLAN IS TO BE IMPLEMENTED TO REMEDIATE THE SITE.
C10	POTENTIAL ROCK FALL	LAND ABOVE THE SITE HAS BEEN CLEARED AND SOME EARTHWORKS HAS BEEN UNDERTAKEN CREATING A POTENTIAL ROCK FALL HAZARD. SUITABLE PERSONNEL SHALL BE RESPONSIBLE FOR IDENTIFYING ANY POTENTIAL HAZARD AND THE CONTRACTOR SHALL TAKE APPROPRIATE ACTION TO ELIMINATE THE HAZARD.
C11	CHMP PROTECTED TREE	ALL STEPS MUST BE TAKEN TO PROTECT THE IDENTIFIED CHMP PROTECTED TREES. THE CONTRACTOR WILL PROVIDE A SUITABLE PHYSICAL BARRIER TO PROTECT THE TREES WHICH IS A MINIMUM 5m CLEAR OF THE TREE CANOPY

RISK ANALYSIS MATRIX

		CONSEQUENCE				
		1 – INSIGNIFICANT	2 – MINOR	3 – MODERATE	4 – MAJOR	5 – CATASTROPHIC
LIKELIHOOD	A – ALMOST CERTAIN	MODERATE	HIGH	EXTREME	EXTREME	EXTREME
	B – LIKELY	MODERATE	HIGH	HIGH	EXTREME	EXTREME
	C – POSSIBLE	LOW	MODERATE	HIGH	EXTREME	EXTREME
	D – UNLIKELY	LOW	LOW	MODERATE	HIGH	EXTREME
	E – RARE	LOW	LOW	MODERATE	HIGH	HIGH

RISK EVALUATION TABLE

RISK LEVEL	ACTION REQUIRED
EXTREME	UNACCEPTABLE RISK. RE-DESIGN REQUIRED. DO NOT PROCEED WITHOUT ADDITIONAL CONTROLS.
HIGH	UNACCEPTABLE RISK. ADDITIONAL CONTROLS NEEDED. CONSIDER FURTHER REVIEW AND CONSIDER RE-DESIGN
MODERATE	RISK MAY BE ACCEPTABLE. MANAGEMENT TO DETERMINE ACTIONS REQUIRED
LOW	ACCEPTABLE. MANAGE RISK THROUGH ROUTINE PROCEDURES AND OTHER ADMINISTRATIVE CONTROLS

LIKELIHOOD TABLE

LEVEL	DESCRIPTION	QUANTIFICATION GUIDE
A – ALMOST CERTAIN	THE EVENT IS EXPECTED TO OCCUR IN MOST CERTAIN CIRCUMSTANCES	MORE THAN ONCE PER YEAR
B – LIKELY	THE EVENT <u>WILL</u> PROBABLY OCCUR IN MOST CIRCUMSTANCES	AT LEAST ONCE IN 5 YEARS
C – POSSIBLE	THE EVEN T <u>SHOULD</u> OCCUR AT SOME TIME	AT LEAST ONCE IN 10 YEARS
D – UNLIKELY	THE EVENT <u>COULD</u> OCCUR AT SOME TIME	AT LEAST ONCE IN 30 YEARS
E – RARE	THE EVENT <u>MAY</u> OCCUR IN EXCEPTIONAL CIRCUMSTANCES	LESS THAN ONCE IN 30 YEARS

DESIGN HAZARD NOTES:

- HARO CIVIL ENGINEERING, HAVING BEEN COMMISSIONED TO CARRY OUT DETAILED DESIGN AND DOCUMENTATION OF THESE WORKS, CONFIRM THAT THE PREMISE DRAWING SET HAS BEEN INTERNALLY REVIEWED FOR DESIGN SAFETY IN ACCORDANCE WITH SECTION 22 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD.
- THIS REPORT SUMMARISES AN INTERNAL REVIEW OF HARO'S DETAILED DESIGN DRAWINGS FOR DESIGN SAFETY.
- THIS REPORT IN NO WAY RELIEVES THE PRINCIPAL, CONTRACTOR OR ANY OTHER PARTY OF THEIR OWN OBLIGATIONS AND RESPONSIBILITIES UNDER THE WORK HEALTH AND SAFETY ACT 2011 QLD, INCLUDING (BUT NOT LIMITED TO) CONSULTATION WITH THE DESIGNER UNDER SECTION 294 OF THE ACT, THE PREPARATION OF SATISFACTORY SAFE WORK METHOD STATEMENTS AND DUTIES OF CARE.
- IT IS A REQUIREMENT UNDER SECTION 296 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD, THAT A COPY OF THIS REPORT BE PROVIDED TO THE CONTRACTOR BY THE ENTITY COMMISSIONING THE WORK SHOWN OF THE HARO DRAWINGS.
- AS PER THE DEPARTMENT OF JUSTICE AND THE ATTORNEY-GENERAL- WORKPLACE HEALTH AND SAFETY QUEENSLAND, A WRITTEN REPORT IS NOT REQUIRED FOR DESIGNS THAT HAVE TYPICAL FEATURES.

CONSTRUCTION HAZARD NOTES:

- UNDER THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011, THE WORK HEALTH AND SAFETY REGULATION 2011 AND OTHER LEGISLATION AND GUIDELINES, THE PRINCIPAL CONTRACTOR HAS SPECIFIC OBLIGATIONS IN RELATION TO THE SAFE OPERATION OF THE SITE AND OF THE WORKS. TO ASSIST THE PRINCIPAL CONTRACTOR IN COMPLYING WITH THESE OBLIGATIONS THE PROJECT DESIGNERS HAVE IDENTIFIED BY DRAWING NOTES, AREAS WHERE POTENTIAL HAZARDS MAY ARISE. THESE NOTES OR ADVICE, SHALL NOT NECESSARILY BE CONSIDERED COMPLETE AND ARE BASED UPON THE DESIGNERS' UNDERSTANDING OF THE SAFETY RISKS ASSOCIATED WITH THE WORKS. THESE NOTES OR ADVICE SHALL NOT RELIEVE THE PRINCIPAL CONTRACTOR OF ANY OBLIGATION UNDER THE RELEVANT LEGISLATION OR GUIDELINE. THE PRINCIPAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR THE PREPARATION OF AN APPROPRIATE WORK HEALTH SAFETY MANAGEMENT PLAN AND SAFE WORK METHOD STATEMENTS FOR THE SITE.
- PURSUANT TO THE WORK HEALTH AND SAFETY ACT 2011 WE HEREBY ADVISE THAT OUR DESIGN SAFETY REVIEW HAS IDENTIFIED UNUSUAL OR ATYPICAL DESIGN FEATURES THAT MAY PRESENT ADDITIONAL HAZARDS OR RISKS DURING THE CONSTRUCTION PHASE AND THESE ARE LISTED IN THE CONSTRUCTION HAZARD SCHEDULE.

CONSEQUENCE TABLE


LEVEL	CONSEQUENCE	COST/TIME
5 – CATASTROPHIC	FATALITY OR MULTIPLE PERSONS ONSITE WITH LIFE THREATENING HEALTH EFFECT OR INABILITY TO CONTINUE	HUGE FINANCIAL OR TIME LOSS
4 – MAJOR	EXTENSIVE INJURIES, OR ONSET OF SEVERE OR LIFE THREATENING HEALTH EFFECT TO SINGLE PERSON ONSITE. MULTIPLE PERSONS WITH ONSET OF IRREVERSIBLE HEALTH EFFECTS. PERMANENT INJURY TO PERSON ONSITE.	MAJOR FINANCIAL OR TIME LOSS
3 – MODERATE	MEDICAL TREATMENT REQUIRED. IRREVERSIBLE HEALTH EFFECT TO A SINGLE PERSON. MULTIPLE PERSONS ONSITE WITH REVERSIBLE HEALTH EFFECTS.	HIGH FINANCIAL OR TIME LOSS
2 – MINOR	FIRST AID, SINGLE OR MULTIPLE INJURIES AMONGST PERSONS ONSITE. SINGLE PERSON ONSITE WITH MODERATE SHORT TERM REVERSIBLE HEALTH EFFECTS.	MEDIUM FINANCIAL OR TIME LOSS
1 – INSIGNIFICANT	NO INJURIES. OVER EXPOSURE TO A SINGLE PERSON ONSITE, BUT NO REPORTED HEALTH EFFECTS.	LOW FINANCIAL OR TIME LOSS

DESIGN APPROVED

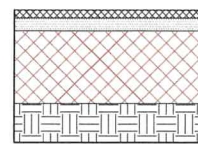
Date: 15/5/2023

Name: CHRIS JOHNSTONE

Signature: [Signature]

			As Shown	LEVEL DATUM: AHD der	Drafted:	Designed:	Examined by Client:	Approved by Council's DIUS:	Survey Number 403802.MJO	Field Books	Level Books	 <b>HINCHINBROOK SHIRE COUNCIL</b>	HINCHINBROOK SHIRE COUNCIL	Job No				
				Associated Plans: 8704 - 8709	Checked:	Checked:	Date: <u>06/05/2023</u>	Date: ____/____/____					CAPELLARIS ROAD - BLACKROCK	23NDM001				
01	28/04/2023	ORIGINAL ISSUE - ISSUED FOR CONSTRUCTION		Scale	Plan No. 2 OF 6		RPEQ No. 20748	RPEQ No. 16571					DRFA SEALING WORKS SAFETY IN DESIGN REPORT	Plan No 8705				
FILEPATH: F:\SYNERGYTEMP\12DSYNERGY\12DSYNERGYSERVERSERVICE\2216\1AA529C1-A648-45CF-A404-9AD4E5A49B4C\90C9-002.DWG DATE PLOTTED: Friday, May 05, 2023 23:33:07													A					





PAVEMENT DETAIL  
NOT TO SCALE

BITUMEN SEAL S35E @ 1.1L/m<sup>2</sup> & 7mm @ 140m<sup>2</sup>/m<sup>3</sup>  
PRIMERSEAL AMC7 @ 1.5L/m<sup>2</sup> & 14mm @ 100m<sup>2</sup>/m<sup>3</sup>  
250mm INSITU STABILISED PAVEMENT (4% GB CEMENT) COMPACTED TO 100% RDD.  
(TARGET 28 DAY UCS = 1-2MPa).  
SUBBASE TO BE A DEPTH OF 150mm MIN. IMPORT 130mm OF MATERIAL TO ACHIEVE REQUIRED PAVEMENT DEPTH.

#### CONFLICT WITH SERVICES:

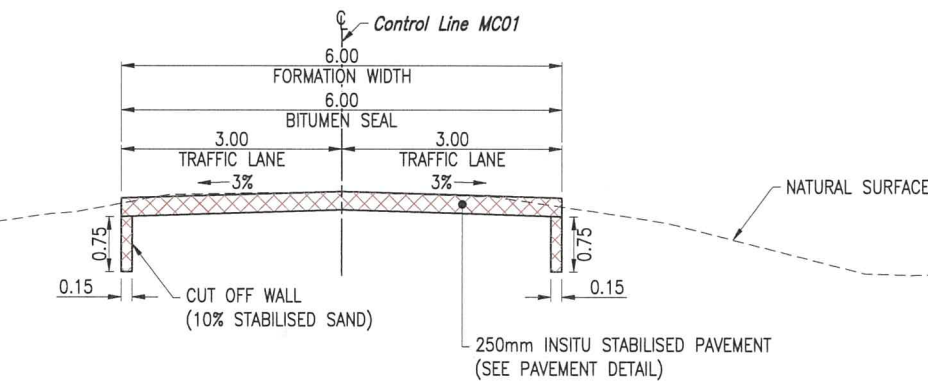
SERVICE LOCATIONS SHALL BE CONFIRMED ON SITE WITH THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION WORK COMMENCING. DURING CONSTRUCTION, NO WORK SHALL BE CARRIED OUT WITHIN 3.0M OF ANY SERVICE WITHOUT FIRST CONTACTING THE RELEVANT AUTHORITY.

#### GENERAL:

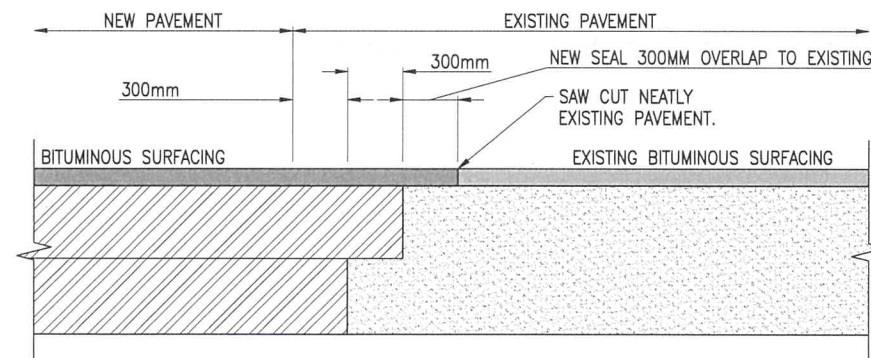
1. ALL WORKS AND MATERIALS MUST BE IN ACCORDANCE WITH CURRENT LOCAL AUTHORITY POLICIES, SPECIFICATIONS, STANDARD DRAWINGS AND AUSTRALIAN STANDARDS UNLESS NOTED OTHERWISE.
2. BEFORE PROCEEDING WITH THE WORK ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS SHALL BE REFERRED FOR DECISION TO THE SUPERINTENDENT.
3. ALL MATERIALS & WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND THE LOCAL AUTHORITY'S BY-LAWS.
4. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL RELEVANT APPROVALS PRIOR TO COMMENCEMENT OF WORKS.
5. THE CONTRACTOR MUST TAKE ALL NECESSARY MEASURES TO PROTECT NEARBY PROPERTY OWNERS FROM DUST POLLUTION DURING ALL PHASES OF WORKS. FINISHED AREAS OF EARTHWORKS MUST BE KEPT WATERED WHERE NECESSARY UNTIL A SATISFACTORY GRASS COVER IS ACHIEVED.
6. ALL CONSTRUCTION WORKS ARE TO BE JOINED NEATLY TO EXISTING SURFACE.
7. PUBLIC UTILITIES - DESPITE THE POSITION OF PUBLIC UTILITIES, FITTINGS, PIPES, POLES, MANHOLES, ETC MAY BE INDICATED ON THE DRAWINGS, NO RESPONSIBILITY WILL BE ACCEPTED BY THE PRINCIPAL FOR THE ACCURACY OF THE REPRESENTATION OR THE OMISSION THEREOF.
8. LOCATION AND LEVEL OF EXISTING SERVICES AND STRUCTURES HAS BEEN PLOTTED FROM AVAILABLE RECORDS AND IS TO BE CONSIDERED INDICATIVE ONLY. THE CONTRACTOR MUST ACCURATELY LOCATE THESE ON SITE PRIOR TO COMMENCING WORKS AND MUST PROTECT ALL EXISTING SERVICES DURING CONSTRUCTION. ANY DAMAGE TO EXISTING SERVICES MUST BE REPAIRED AT THE CONTRACTORS EXPENSE.
9. VEGETATION OUTSIDE WORK AREAS MUST NOT BE DISTURBED UNLESS SPECIFICALLY AUTHORIZED BY THE SUPERINTENDENT.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH ALL RELEVANT LEGISLATION.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE STABILITY OF ANY TEMPORARY WORKS ON THE SITE.
12. THE CONTRACTOR MUST CONFIRM THE ACCURACY OF ALL SET OUT AND CONFIRM ALL LEVELS WITH THE SUPERINTENDENT PRIOR TO COMMENCING CONSTRUCTION..
13. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE LOCAL AUTHORITY SPECIFICATIONS AND THE PROJECT SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY, REFER TO THE SUPERINTENDENT FOR CLARIFICATION.
14. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK MUST BE AS INDICATED ON THESE DRAWINGS AND MUST BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND/OR FABRICATION IS COMMENCED. THE PROJECT DRAWINGS MUST NOT BE SCALED, UNLESS SPECIFICALLY NOTED OTHERWISE.
15. DURING CONSTRUCTION THE CONTRACTOR MUST BE RESPONSIBLE FOR MAINTAINING PROPOSED AND EXISTING WORKS IN A STABLE CONDITION AND ENSURING NO PART MUST BE OVER STRESSED UNDER CONSTRUCTION ACTIVITIES.
16. SAFETY REQUIREMENTS MUST BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WORK PLACE, HEALTH AND SAFETY ACT.
17. THE APPROVAL FOR A SUBSTITUTION MAY BE SOUGHT FROM THE SUPERINTENDENT BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATION MUST BE APPROVED BY THE SUPERINTENDENT BEFORE WORK COMMENCES.
18. THE ACCESS FOR THE WORK SITE MUST BE AS INDICATED ON THE CONTRACT OR AS APPROVED BY THE SUPERINTENDENT AND THE LOCAL AUTHORITIES. THE CONTRACTOR MUST OBTAIN ALL NECESSARY AND RELEVANT PERMITS. IT IS THE CONTRACTORS RESPONSIBILITY TO CONSTRUCT AND MAINTAIN ACCESS AS REQUIRED TO ALL PARTS OF CONTRACTORS WORK AREA.
19. THE CONTRACTORS COMPOUND MUST BE LOCATED AS APPROVED BY SUPERINTENDENT.
20. CONTRACTOR MUST UNDERTAKE ALL WORKS IN PROXIMITY TO EXISTING SERVICES AND INFRASTRUCTURE IN ACCORDANCE WITH THE RELEVANT UTILITY / AUTHORITY POLICIES AND PROCEDURES.

#### SIGNAGE:

1. PRIOR TO INSTALLATION OF SIGNS, THE CONTRACTOR SHALL CHECK FOR POSSIBLE SERVICE CONFLICTS, AND IF PRESENT, NOTIFY THE RELEVANT SERVICE AUTHORITY.
2. ALL SETOUT TO BE CONFIRMED ON SITE.
3. ALL EXISTING SIGNS NOT CONFLICTING WITH PROPOSED WORKS ARE TO REMAIN. EXISTING SIGNS CONFLICTING MUST BE RELOCATED TO SUIT NEW ROADWORKS.
4. ALL EXISTING REDUNDANT SIGNS TO BE REMOVED/RELOCATED.
5. PROVIDE ROAD EDGE POSTS IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



TYPICAL CROSS SECTION A: INSITU STABILISED PAVEMENT  
SCALE: 1:50(m)



PAVEMENT CUT BACK DETAIL  
N.T.S.




DESIGN APPROVED

Date: 15/5/2023

Name: CHRIS JOHNSTONE



Signature: [Signature]

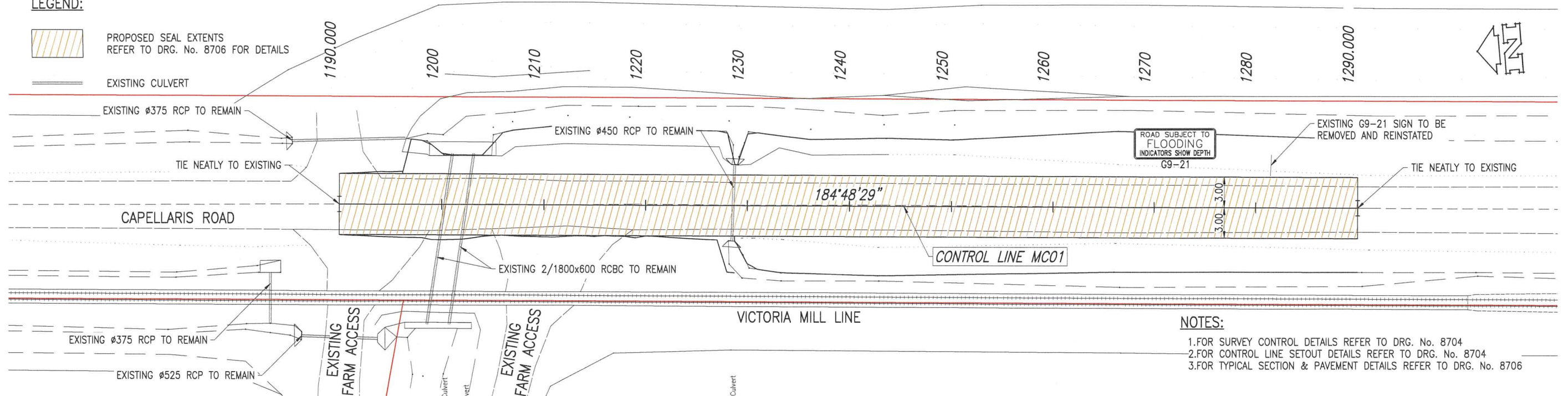
0 1.0 2.0m

			As Shown	LEVEL DATUM: AHD der	Drafted:	Designed:	Examined by Client:	Approved by Council's DIUS:	Survey Number 403802.MJO	Field Books	Level Books		HINCHINBROOK SHIRE COUNCIL	Job No	
				Associated Plans:	Checked:	Checked:	Date: 	Date: ____/____/____					CAPELLARIS ROAD - BLACKROCK	23NDM001	
01	28/04/2023	ORIGINAL ISSUE - ISSUED FOR CONSTRUCTION		8704 - 8709			Date: 06/05/2023	RPEQ No. 16571					DRFA SEALING WORKS	Plan No	
FILEPATH: F:\SYNERGYTEMP\120SYNERGY\120SYNERGYSERVERSERVICE\2216\1AAS29C1-A648-45CF-A404-9AD4E5A49B4C\9000-003.DWG			Scale	Plan No. 3 OF 6									TYPICAL CROSS SECTION & PAVEMENT DETAILS		8706
DATE PLOTTED: Friday, May 05, 2023 23:33:10													A		



**LEGEND:**

-  PROPOSED SEAL EXTENTS  
REFER TO DRG. No. 8706 FOR DETAILS
-  EXISTING CULVERT

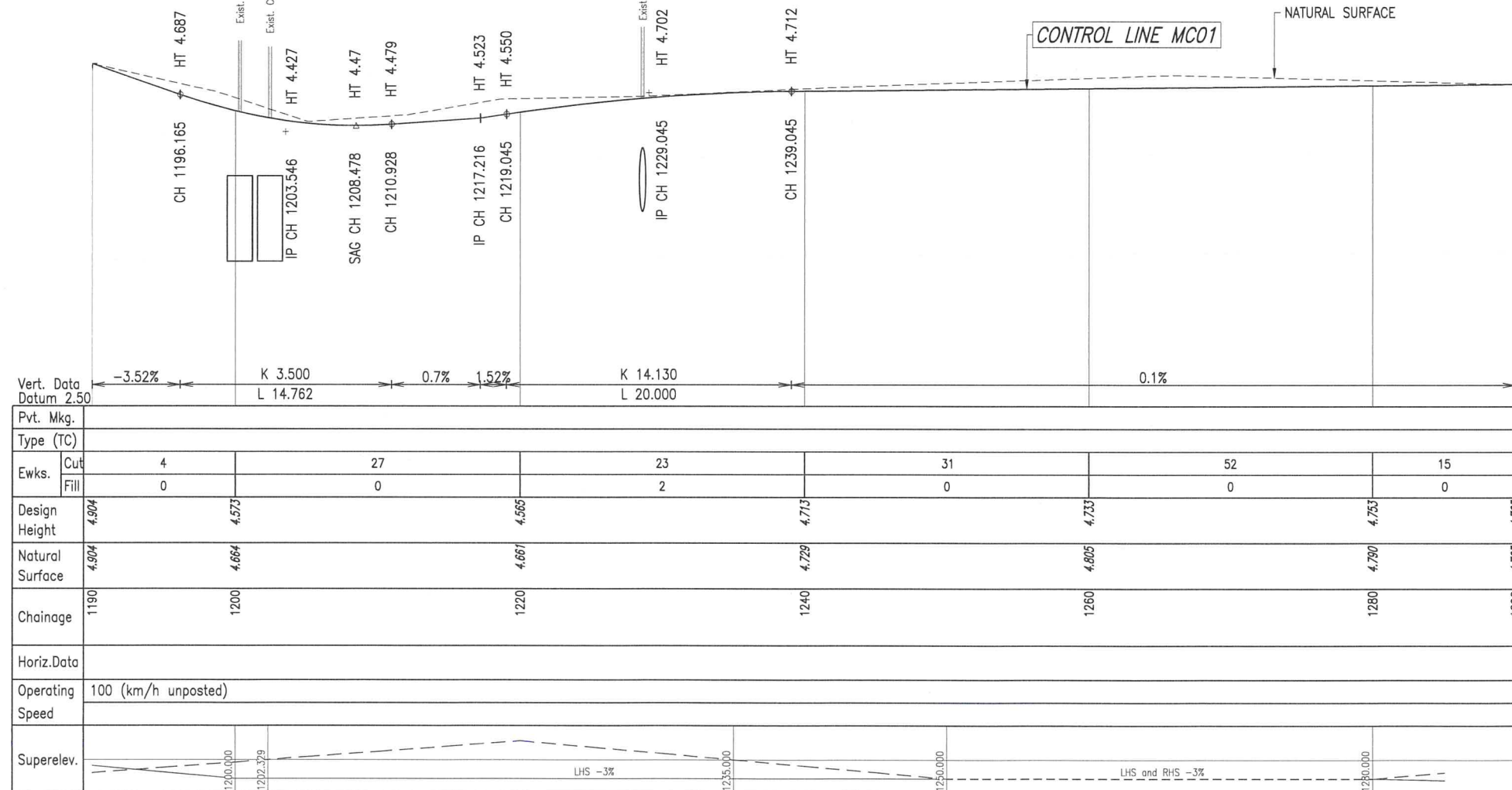


HORIZONTAL  
0 2 4 6 8m

VERTICAL  
0 0.2 0.4 0.6 0.8m

**NOTES:**

1. FOR SURVEY CONTROL DETAILS REFER TO DRG. No. 8704
2. FOR CONTROL LINE SETOUT DETAILS REFER TO DRG. No. 8704
3. FOR TYPICAL SECTION & PAVEMENT DETAILS REFER TO DRG. No. 8706




**DESIGN APPROVED**

Date: 15/5/2023

Name: CHRIS JOHNSON

Signature: [Signature]

01	28/04/2023 ORIGINAL ISSUE - ISSUED FOR CONSTRUCTION	As Shown	LEVEL DATUM: AHD der Associated Plans: 8704 - 8709 Plan No. 4 OF 6	Drafted:	Designed:	Examined by Client: Date: 06/05/2023 RPEQ No. 20748	Approved by Council's DIUS: Date: / / RPEQ No. 16571	Survey Number 403802.MJO	Field Books	Level Books		HINCHINBROOK SHIRE COUNCIL CAPELLARIS ROAD - BLACKROCK DRFA SEALING WORKS WORKING PLAN MC01	Job No 23NDM001 Plan No 8707 A
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0 2 4 6 8m

CONTROL LINE MC01  
X = 418235.770  
Y = 7928150.743  
Z = 4.473

Datum 2.00

DESIGN HEIGHT		3.537		4.363		4.473		4.512		4.528
EXISTING SURFACE		3.537		4.469		4.531		4.528		4.528
OFFSETS		-7.623		-3.000		0.000		3.000		3.157

CHAINAGE 1210.000

CONTROL LINE MC01  
X = 418233.255  
Y = 7928120.849  
Z = 4.713

Datum 2.00

DESIGN HEIGHT		3.499		4.623		4.713		4.683		4.331
EXISTING SURFACE		3.499		4.621		4.729		4.711		4.331
OFFSETS		-6.591		-3.000		0.000		3.000		6.755

CHAINAGE 1240.000

CONTROL LINE MC01  
X = 418230.740  
Y = 7928090.954  
Z = 4.743

Datum 2.00

DESIGN HEIGHT		2.732		4.653		4.743		4.653		4.358
EXISTING SURFACE		2.732		4.699		4.816		4.770		4.358
OFFSETS		-7.355		-3.000		0.000		3.000		6.360

CHAINAGE 1270.000

CONTROL LINE MC01  
X = 418236.608  
Y = 7928160.708  
Z = 4.573

Datum 2.00

DESIGN HEIGHT		3.584		4.483		4.573		4.561		4.608
EXISTING SURFACE		3.584		4.609		4.664		4.617		4.608
OFFSETS		-5.007		-3.000		0.000		3.000		3.472

CHAINAGE 1200.000

CONTROL LINE MC01  
X = 418234.093  
Y = 7928130.814  
Z = 4.674

Datum 2.00

DESIGN HEIGHT		3.535		4.584		4.674		4.704		4.267
EXISTING SURFACE		3.535		4.608		4.684		4.662		4.267
OFFSETS		-7.043		-3.000		0.000		3.000		5.694

CHAINAGE 1230.000

CONTROL LINE MC01  
X = 418231.579  
Y = 7928100.919  
Z = 4.733

Datum 2.00

DESIGN HEIGHT		3.010		4.643		4.733		4.643		4.353
EXISTING SURFACE		3.010		4.679		4.805		4.752		4.353
OFFSETS		-7.094		-3.000		0.000		3.000		6.490

CHAINAGE 1260.000

CONTROL LINE MC01  
X = 418237.446  
Y = 7928170.673  
Z = 4.904

Datum 2.00

DESIGN HEIGHT		4.875		4.904		4.841				
EXISTING SURFACE		4.875		4.904		4.841				
OFFSETS		-3.000		0.000		3.000				

CHAINAGE 1190.000

CONTROL LINE MC01  
X = 418234.931  
Y = 7928140.779  
Z = 4.565

Datum 2.00

DESIGN HEIGHT		3.411		4.475		4.565		4.655		4.657
EXISTING SURFACE		3.411		4.564		4.661		4.657		4.657
OFFSETS		-7.423		-3.000		0.000		3.000		3.021

CHAINAGE 1220.000

CONTROL LINE MC01  
X = 418232.417  
Y = 7928110.884  
Z = 4.723

Datum 2.00

DESIGN HEIGHT		3.555		4.633		4.723		4.633		4.336
EXISTING SURFACE		3.555		4.636		4.769		4.734		4.336
OFFSETS		-6.532		-3.000		0.000		3.000		6.686


CHAINAGE 1250.000

**DESIGN APPROVED**

Date: 15/5/2023

Name: CHRIS JOHNSON

Signature: [Signature]

			LEVEL DATUM: AHD der		Drafted:	Designed:	Examined by Client:	Approved by Council's DIUS:		HINCHINBROOK SHIRE COUNCIL		Job No
										CAPELLARIS ROAD - BLACKROCK		23NDM001
					Checked:	Checked:	Date: 06/05/2023	Date: / /		DRFA SEALING WORKS		Plan No
01	28/04/2023	ORIGINAL ISSUE - ISSUED FOR CONSTRUCTION	As Shown		Associated Plans: 8704 - 8709		RPEQ No. 20748	RPEQ No. 16571	Survey Number 403802.MJO	Field Books	Level Books	8708
FILEPATH: F:\SYNERGYTEMP\120SYNERGY\120SYNERGYSERVERSERVICE\2216\1AA529C1-A648-45CF-A404-9AD4E5A49B4C\90CD-101.DWG			Scale		Plan No. 5 OF 6							A
DATE PLOTTED: Friday, May 05, 2023 23:33:21										ANNOTATED X-SECTION (MC01) SHEET 1 OF 2		



0 2 4 6 8m

CONTROL LINE MC01  
X = 418229.064  
Y = 7928071.025  
Z = 4.763

Datum 2.00

DESIGN HEIGHT	3.163	4.657	4.763	4.732	4.329
EXISTING SURFACE	3.163	4.657	4.763	4.732	4.329
OFFSETS	-6.756	-3.000	0.000	3.000	6.306

CHAINAGE 1290.000

CONTROL LINE MC01  
X = 418229.902  
Y = 7928080.990  
Z = 4.753

Datum 2.00

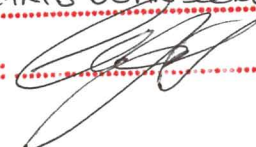
DESIGN HEIGHT	2.947	4.663	4.753	4.663	4.343
EXISTING SURFACE	2.947	4.666	4.790	4.755	4.343
OFFSETS	-7.055	-3.000	0.000	3.000	6.333


CHAINAGE 1280.000

DESIGN APPROVED

Date: 15/5/2023

Name: CHRIS JONASSEN

Signature: 

			As Shown	LEVEL DATUM: AHD der	Drafted:	Designed:	Examined by Client:	Approved by Council's DIUS:	Survey Number 403802.MJO	Field Books	Level Books		HINCHINBROOK SHIRE COUNCIL	Job No
				Associated Plans: 8704 - 8709	Checked:	Checked:	Date: <u>06/05/2023</u>	Date: ____/____/____					CAPELLARIS ROAD - BLACKROCK	23NDM001
01	28/04/2023	ORIGINAL ISSUE - ISSUED FOR CONSTRUCTION		Plan No. 6 OF 6			RPEQ No. 20748	RPEQ No. 16571					DRFA SEALING WORKS	Plan No
FILEPATH: F:\SYNERGYTEMP\12DSYNERGY\12DSYNERGYSERVERSERVICE\2216\1AA529C1-A648-45CF-A404-9AD4E5A49B4C\90CD-102.DWG			Scale									HINCHINBROOK SHIRE COUNCIL	8709	
DATE PLOTTED: Friday, May 05, 2023 23:33:24													ANNOTATED X-SECTION (MC01) SHEET 2 OF 2	
														A