

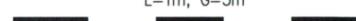
DRAWING INDEX

DRAWING NUMBER	REVISION	SERIES NUMBER	DRAWING DESCRIPTION
677374	B	1	LOCALITY PLAN
677375	C	2	DRAWING INDEX, LEGEND AND GENERAL NOTES
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677377	B	4	SURVEY DATA - SHEET 2 OF 2
677378	B	5	GENERAL ARRANGEMENT - SHEET 1 OF 5
677379	B	6	GENERAL ARRANGEMENT - SHEET 2 OF 5
677380	B	7	GENERAL ARRANGEMENT - SHEET 3 OF 5
677381	B	8	GENERAL ARRANGEMENT - SHEET 4 OF 5
677382	B	9	GENERAL ARRANGEMENT - SHEET 5 OF 5
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677384	B	11	GENERAL DETAILS - SHEET 2 OF 6 - AT 683 MOGGILL ROAD DRIVEWAY CLOSURE AND CONCRETE PATH RECONSTRUCTION
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677386	C	13	GENERAL DETAILS - SHEET 4 OF 6 - QUENTIN STREET NEW FLAT TOP ROAD HUMPS
677387	B	14	GENERAL DETAILS - SHEET 5 OF 6 - MOGGILL AND WITTON ROAD INTERSECTION & MOGGILL AND MOORDALE STREET INTERSECTION
677388	B	15	GENERAL DETAILS - SHEET 6 OF 6 - MOGGILL ROAD SHOULDER WIDENING AT 576 MOGGILL ROAD (WESTBOUND)
677389	B	16	LONGITUDINAL SECTIONS & DETAILS - CONTROL LINE MC10A AND MC10C
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677392	B	19	SIGNS AND PAVEMENT MARKINGS - SHEET 2 OF 5
677393	B	20	SIGNS AND PAVEMENT MARKINGS - SHEET 3 OF 5
677394	B	21	SIGNS AND PAVEMENT MARKINGS - SHEET 4 OF 5
677395	B	22	SIGNS AND PAVEMENT MARKINGS - SHEET 5 OF 5
667395	D	23	SIGN STRUCTURAL DESIGN
695477	B	24	BUS SHELTER DETAILS - SHEET 1 OF 1
695488	C	25	LAYOUT PLAN, TYPICAL SECTION AND LEGEND
695489	C	26	CONTROL LINE MC10A - TYPICAL CROSS SECTIONS AND CROSS SECTIONS
695490	C	27	CROSS SECTION MC200
695491	C	28	LONGITUDINAL SECTIONS MC10A CONTROL LINE - CONCRETE PATH AND RETAINING WALL

GENERAL NOTES:

- REFER TMR STD DRG 1033 FOR DETAILS OF KERB/ KERB AND CHANNEL.
- REFER BCC STD DRG BSD-5231 FOR DETAILS OF RAMPED KERB CROSSING.
- REFER BCC STD DRG BSD-5218 AND BSD-5231 FOR DETAILS OF TCSI.
- REFER BCC STD DRG BSD-5201, 5202, 5203, 5004 AND 5206 FOR DETAILS OF CONCRETE PATH.
- REFER BCC STD DRG AND BSD-2104 BSD-5218 FOR DETAILS OF BUS SHELTER REPLACEMENTS.
- RAMPED PEDESTRIAN CROSSING TO BE 2.0m WIDE, UNLESS SPECIFIED OTHERWISE.
- REFER BCC STD DRG BSD-2222 FOR DETAILS OF RETAINING WALL.
- ALIGNMENT OF UTILITY SERVICES AT POSSIBLE CONFLICT POINTS HAVE BEEN DETERMINED BY MEANS OF 'DIAL BEFORE YOU DIG'. NOT ALL CONFLICTS HAVE NECESSARILY BEEN PICKED UP AND SHOWN.
- THE CONTRACTOR SHALL CHECK ALL UTILITY SERVICES ON SITE. UTILITY SERVICES IN CONFLICT WITH THE ROADWORKS WILL BE RELOCATED AND/OR CONCRETE PROTECTED BY THE SERVICES AUTHORITIES (WHERE POSSIBLE) PRIOR TO THE COMMENCEMENT OF ROADWORKS. NO WORK IS TO BE CARRIED OUT OVER UTILITY SERVICES AND WITHIN 3.0M OF SERVICES WITHOUT PRIOR NOTIFICATION TO THE APPROPRIATE SERVICE AUTHORITIES.
- CAUTION IS TO BE TAKEN WHEN WORKING IN CLOSE PROXIMITY TO UTILITY SERVICES SHOWN THUS 
- ALL EXISTING SIGNS TO REMAIN UNLESS DIRECTED OTHERWISE BY THE ADMINISTRATOR.
- ALL SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE CONTRACTOR SHALL CHECK FOR POSSIBLE SERVICE CONFLICTS, PRIOR TO THE INSTALLATION OF TRAFFIC SIGNS.
- REFER STD DRG 1363 AND 1368 FOR SIGN INSTALLATION DETAILS. CLEARANCE, H=2.1m UNLESS STATED OTHERWISE.
- ALL NEW SINGLE SUPPORT SIGNS TO BE 500mm CHS NON-SLIP BASE, UNLESS DIRECTED OTHERWISE BY THE ADMINISTRATOR.
- ALL NEW SIGNS TO BE SIZE A, UNLESS STATED OTHERWISE.
- CONTRACTOR TO REPLACE DAMAGED SIGN FACES IF SO DIRECTED BY THE ADMINISTRATOR.
- CONTRACTOR TO REMOVE EXISTING PAVEMENT MARKINGS BY MACHINE PLANING WHEREVER NEW LINE MARKING SHOWN.
- NEW PAVEMENT MARKINGS AND RRPMS TO BE INSTALLED IN ACCORDANCE WITH THE MUTCD.
- THE COLOR OF THE GREEN SURFACE TREATMENT FOR BICYCLE LANES TO BE IN ACCORDANCE WITH TRUM NOTE 1.34, SECTION 4.
- THE GREEN SURFACE TREATMENT SHALL BE INSTALLED WITH A HIGH SKID RESISTANCE MATERIAL.

PAVEMENT MARKING LEGEND

	WIDTH/ MATERIAL
SBL SINGLE BARRIER LINE	 100mm/ WHITE PAINT
EL EDGE LINE	 150mm/ WHITE PAINT
LL LANE LINE	 L=3m, G=9m 100mm/ WHITE PAINT
LLC LANE LINE (CONTINUOUS)	 100mm/ WHITE PAINT
OL OUTLINE	 150mm/ WHITE PAINT
CL CONTINUITY LINE	 L=1m, G=3m 200mm/ THERMOPLASTIC
GWL GIVE WAY LINE	 L=600mm, G=600mm 300mm/ THERMOPLASTIC
SL STOP LINE	 300mm/ THERMOPLASTIC

LEGEND

	PROPERTY BOUNDARY
	EXISTING PAVEMENT MARKING TO BE REMOVED
	EXISTING SIGN
	NEW SIGN
	"BICYCLE" PAVEMENT MARKING SYMBOL (YELLOW, ON SERVICE ROAD AND WHITE EVERYWHERE ELSE)
	GREEN SURFACE TREATMENT FOR "BICYCLE" LANES (REFER NOTE 23 & 24 THIS DRG)
	DIRECTION ARROW ON BICYCLE KERB RAMPS 1.2m x 0.6m RED BOX, YELLOW ARROW 1m LONG (ARROW HEAD 0.3x0.3m)

As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.
 SIGNED:  DATE: 2/6/19
 NAME: D. BAMFORD
 TITLE: RPE 17687

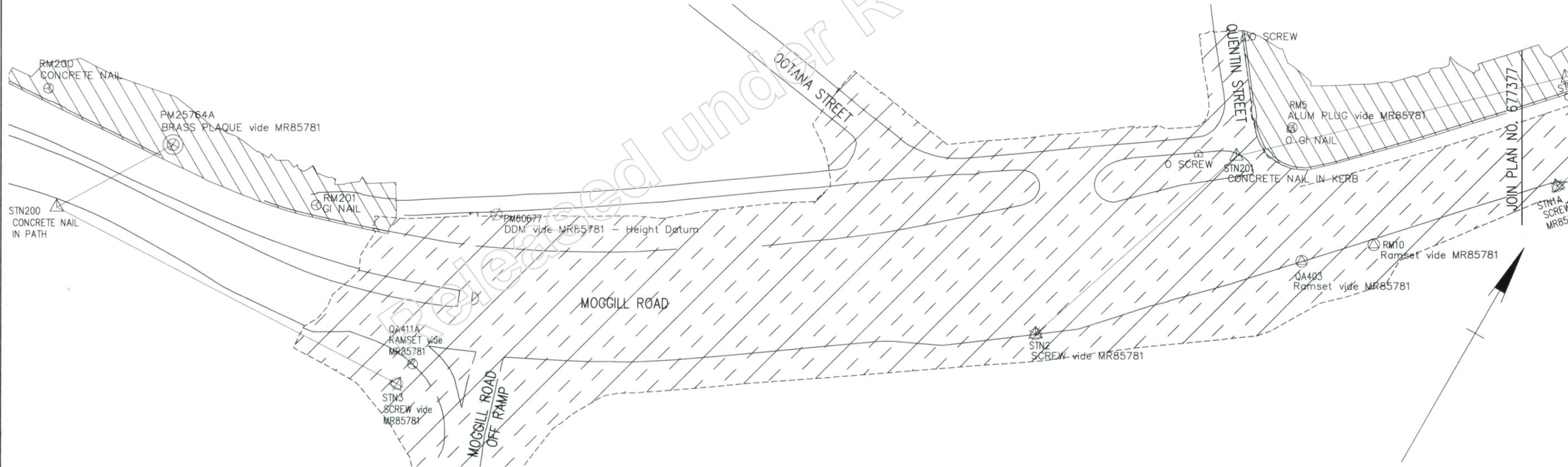
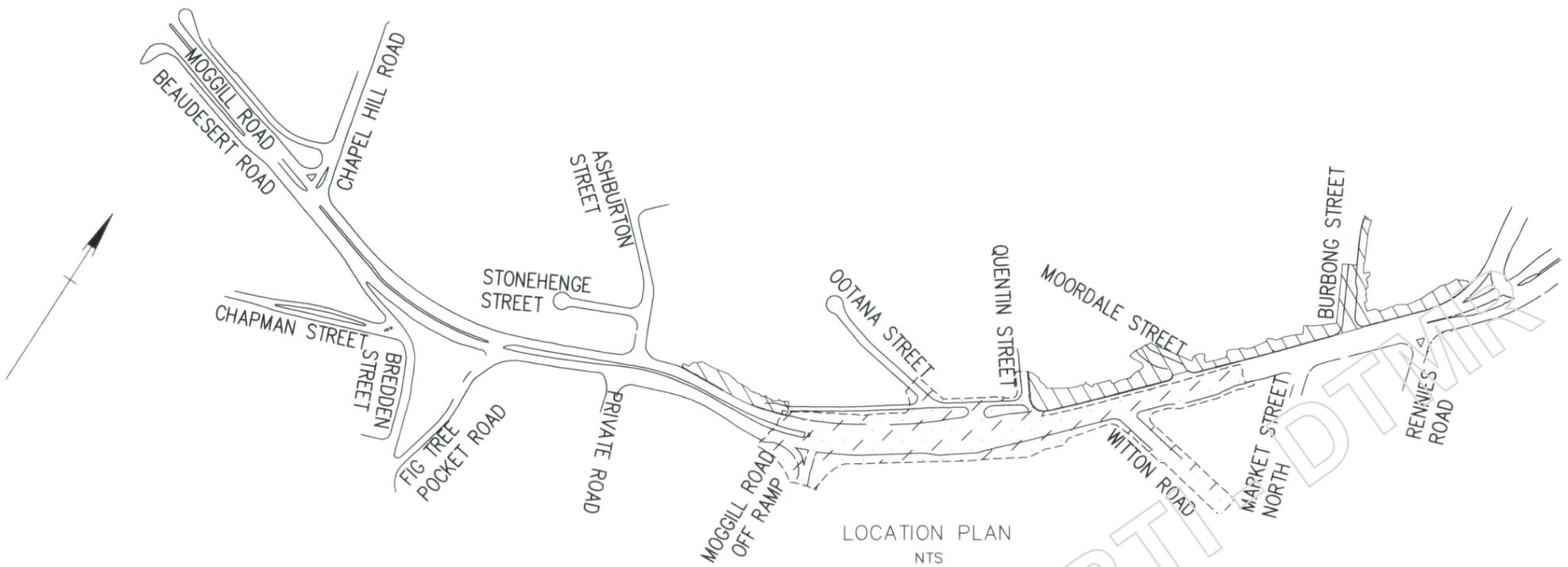
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Associated Job Nos		Survey Data		Scales	BRISBANE CITY				DRAWING INDEX, LEGEND AND GENERAL NOTES				 Queensland Government Job No. 201/U96/401 Contract No. METD-3277 Drawing No. 677375 C Series Number 2 of 28 MRR_Detail (02/14)		
Datum		BCSG02			NTS	U96 MOGGILL SUB-ARTERIAL ROAD				ENGINEERING CERTIFICATION (RPEQ)					
Auxiliary Drg Nos		Horiz. Grid				CTL CHGE				ENG. AREA NAME SIGNATURE NO. DATE Civil Steven Tu Original Signed 13358 12/02/16					
Height Origin		GDA94		Reference Points				Drawn							
Survey Books		MR85781 & MR100042		Dimensions shown in metres except where shown otherwise				Preceding RP U96/1 Dist. to start of job (km) 0.21 From start to end of job 1.09 From end to Following RP 0.5 Following RP U96/2 Through Chainage from				Designed Tony Dao			

Parish of Indooroopilly

As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.
 SIGNED: [Redacted] DATE: 21/6/19
 NAME: B. Bamford
 TITLE: RPEQ 17687

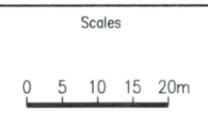
-  SURVEY BOOK NO. 100042 (NEW)
-  SURVEY BOOK NO. 85781
-  REMAINING BASE PLAN PHOTOGRAMMETRY



Last Modified: 19 Apr 22, 2019 - 7:01pm XREFS :-

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B	As-Constructed		21/6/19	
A	Issued For Construction			
Revisions/Descriptions		Certification	Date	Microfiled

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042



BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job (km)	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

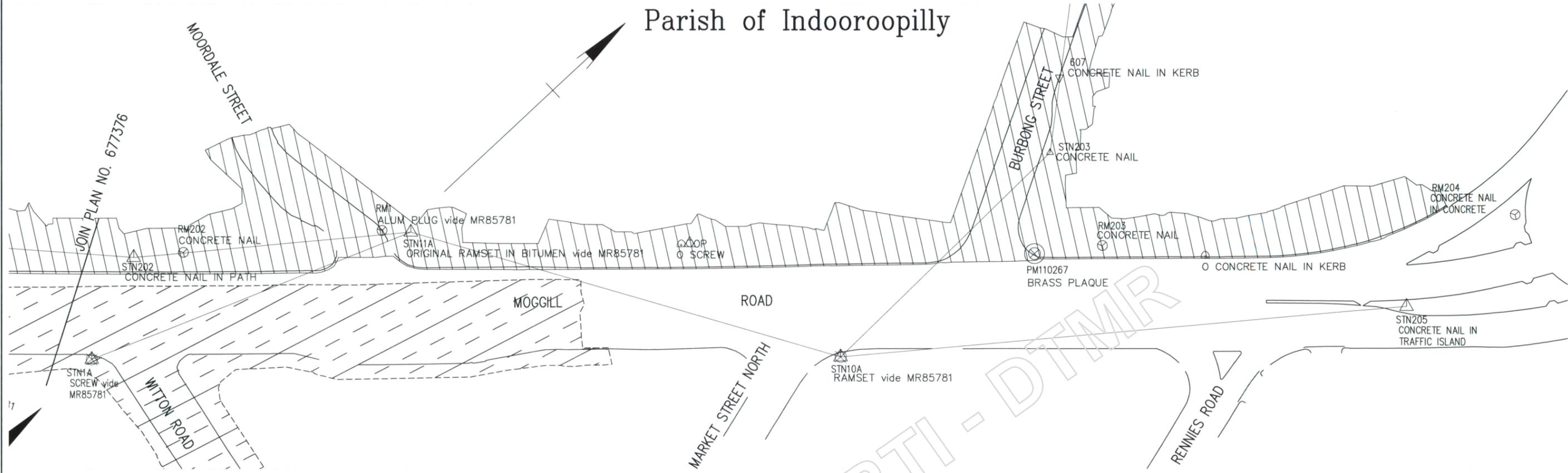
Drawn		ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO.	DATE
Designed	Civil	Steven Tu	Original Signed	13358	12/02/16
Tony Dao					



Queensland Government

Job No.	201/U96/401
Contract No.	METD-3277
Drawing No.	677376 B
Series Number	3 of 28
MRR_Detail (02/14)	

Parish of Indooroopilly



FIXED SURVEY CONTROL : PFSC

NAME	EASTING	NORTHING	HEIGHT	COMBINED SCALE FACT	COMMENT
PM60677	45819.596	154587.773	16.075	0.99998112	DDM vide MR85781 - Height Datum

PERMANENT MARKS : PPMK

NAME	EASTING	NORTHING	HEIGHT	COMBINED SCALE FACT	COMMENT
PM110267	46192.590	154920.843	12.124	0.99998171	BRASS PLAQUE
PM25764A	45739.632	154562.554	15.663	0.99998120	BRASS PLAQUE vide MR85781 - Position held, new height

PRIMARY INSTRUMENT STATIONS : PISP

NAME	EASTING	NORTHING	HEIGHT	COMBINED SCALE FACT	COMMENT
STN1A	46049.684	154727.317	12.249	0.99998170	SCREW vide MR85781 - Position held, new height
STN11A	46081.012	154808.578	10.893	0.99998191	ORIGINAL RAMSET IN BITUMEN vide MR85781 - New position, original height
STN10A	46178.331	154866.982	11.231	0.99998185	RAMSET vide MR85781 - Position held, new height
STN205	46266.680	154981.131	9.507	0.99998211	CONCRETE NAIL IN TRAFFIC ISLAND
STN203	46176.577	154941.164	17.183	0.99998091	CONCRETE NAIL
STN204	46140.461	154985.013	23.776	0.99997988	CONCRETE NAIL IN KERB
STN202	46037.926	154752.702	15.638	0.99998117	CONCRETE NAIL IN PATH
STN201	45975.170	154693.625	10.968	0.99998191	CONCRETE NAIL IN KERB
STN2	45953.265	154629.157	10.030	0.99998206	SCREW vide MR85781
STN3	45819.001	154537.962	13.518	0.99998153	SCREW vide MR85781
STN200	45721.974	154534.096	15.022	0.99998130	CONCRETE NAIL IN PATH

OTHER INSTRUMENT STATIONS : PISO

NAME	EASTING	NORTHING	HEIGHT	COMBINED SCALE FACT	COMMENT
607	46164.415	154955.720	19.618	0.99998053	CONCRETE NAIL IN KERB

OFFSET/RECOVERY MARKS : POPP

NAME	EASTING	NORTHING	HEIGHT	COMBINED SCALE FACT	COMMENT
RM203	46202.780	154934.831	11.214	0.99998185	CONCRETE NAIL
RM204	46268.383	155017.016	9.810	0.99998206	CONCRETE NAIL
RM202	46045.487	154762.788	15.254	0.99998123	CONCRETE NAIL
RM201	45778.757	154567.208	14.961	0.99998130	GI NAIL
RM200	45705.130	154559.354	16.261	0.99998111	CONCRETE NAIL
RM1	46075.689	154803.504	11.183	0.99998187	ALUM PLUG vide MR85781
RM5	45983.861	154707.017	12.057	0.99998174	ALUM PLUG vide MR85781
RM10	46016.632	154691.404	11.075	0.99998189	Ramset vide MR85781
QA403	46002.813	154678.655	10.196	0.99998203	Ramset vide MR85781
QA411A	45820.016	154544.279	13.325	0.99998156	RAMSET vide MR85781

As-Constructed

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SIGNED:  DATE: 21/6/19
 NAME: D. BAMFORD
 TITLE: RPE 17687

Associated Job Nos	Survey Data	Datum	BCSG02
Auxiliary Drg Nos	Horiz. Grid	BCSG02	
	Height Origin	GDA94	
	Survey Books	MR85781 & MR100042	



BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job (km)	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

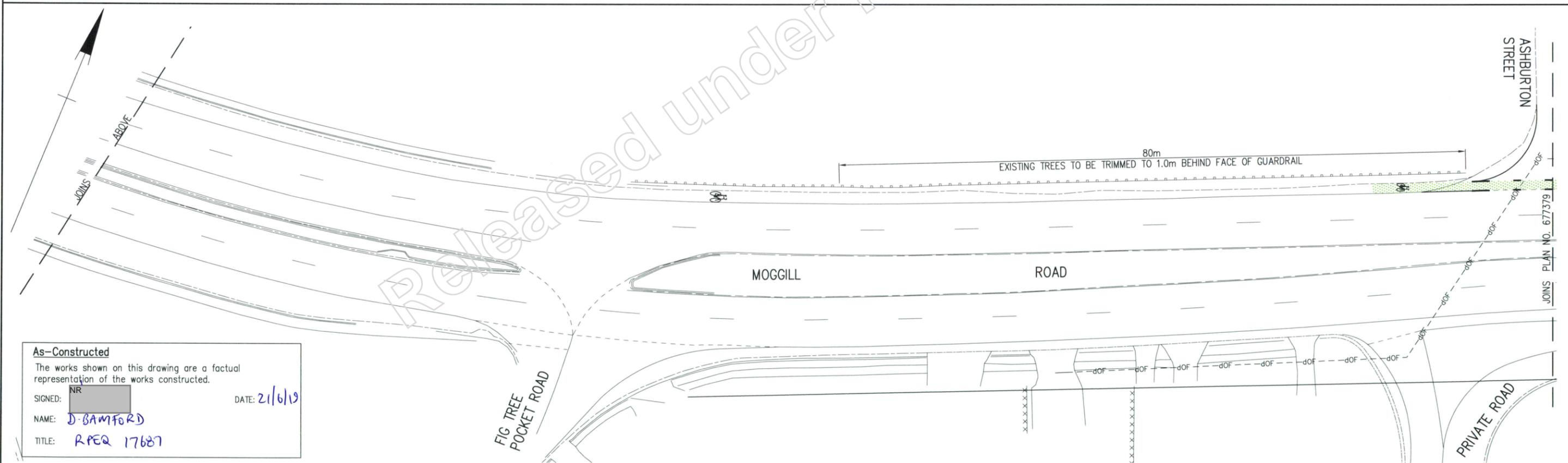
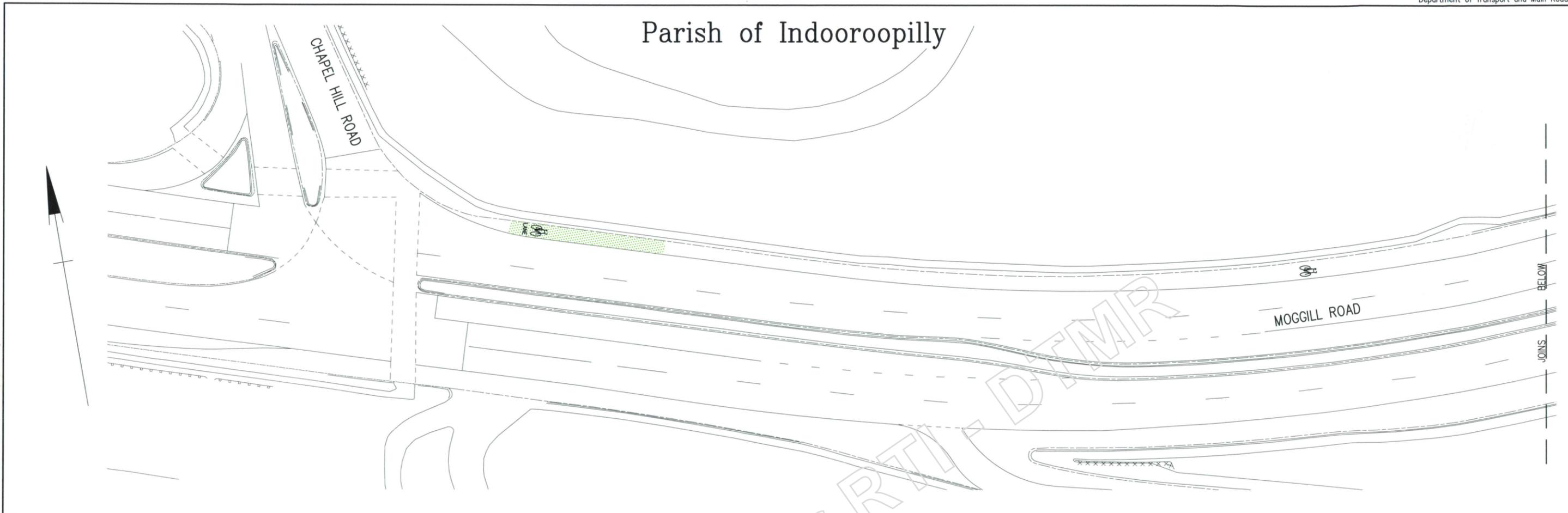
SURVEY DATA SHEET 2 OF 2				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Dao				

Queensland Government

Job No. 201/U96/401
 Contract No. METD-3277
 Drawing No. 677377 B
 Series Number 4 of 28
 MRR_Detail (02/14)

Last Modified: 22-Apr-2019 7:00pm

Parish of Indooroopilly



As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.
 SIGNED:  DATE: 21/6/19
 NAME: D. BAMFORD
 TITLE: RPEQ 17687

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B	As-Constructed	NR	21/6
A	Issued For Construction		
	Revisions/Descriptions	Certification	Date

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042

Scales



0 2 4 6 8 10m

Dimensions shown in metres except where shown otherwise

BRISBANE CITY			
U96 MOGGILL SUB-ARTERIAL ROAD			
CTL CHGE			
Reference Points			
Preceding RP	Dist. to start of job (km)	From start to end of job	Following RP
U96/1	0.21	1.09	U96/2
Through Chainage from			

GENERAL ARRANGEMENT SHEET 1 OF 5	
Drawn	ENGINEERING CERTIFICATION (RPEQ)
Tony Dao	ENG. AREA NAME SIGNATURE NO. DATE
Designed	Civil Steven Tu Original Signed 13358 12/02/16
Tony Dao	

	Queensland Government
Job No.	201/U96/401
Contract No.	MEID-3277
Drawing No.	677378 B
Series Number	5 of 28
MRR_Detail (02/14)	

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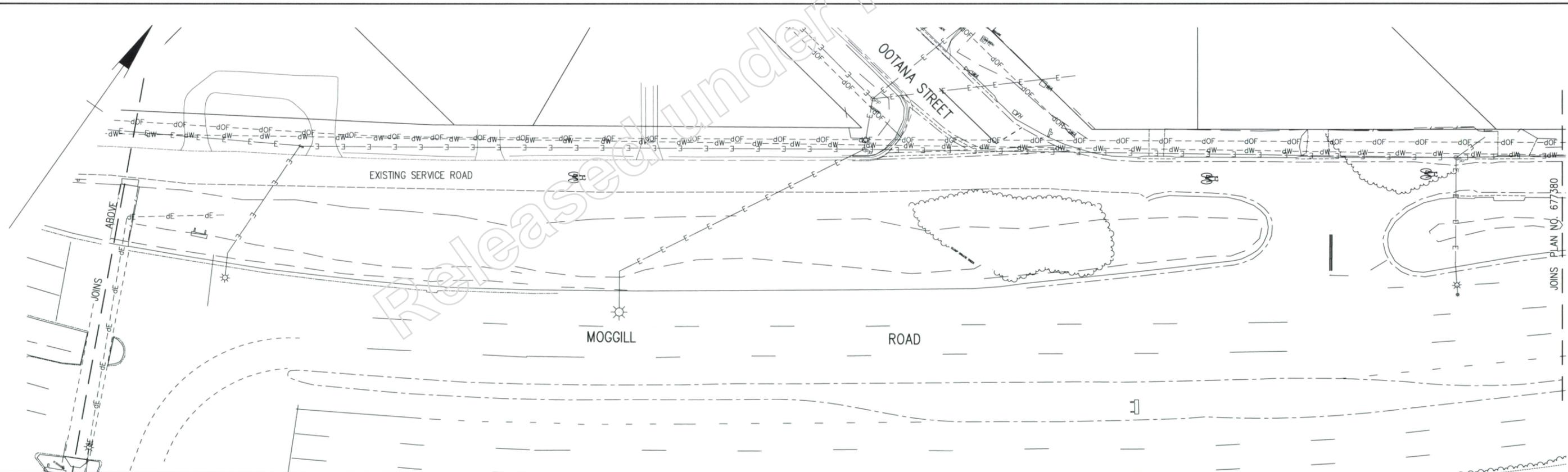
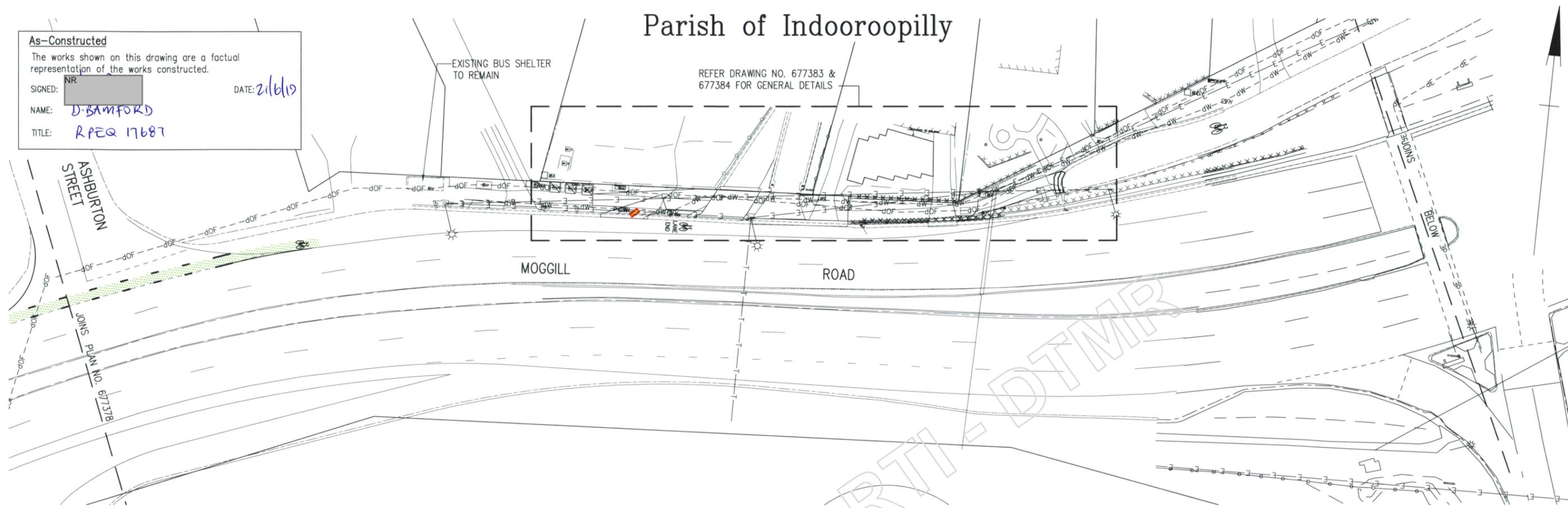
Parish of Indooroopilly

As-Constructed

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SIGNED:  DATE: 2/16/19
 NAME: D. BAMFORD
 TITLE: RPEQ 17687

REFER DRAWING NO. 677383 & 677384 FOR GENERAL DETAILS



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B	As-Constructed		2/16/19	
A	Issued For Construction			
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042

Dimensions shown in metres except where shown otherwise

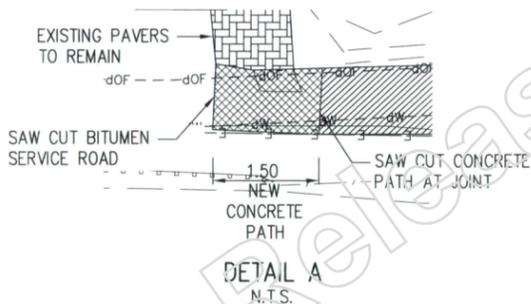
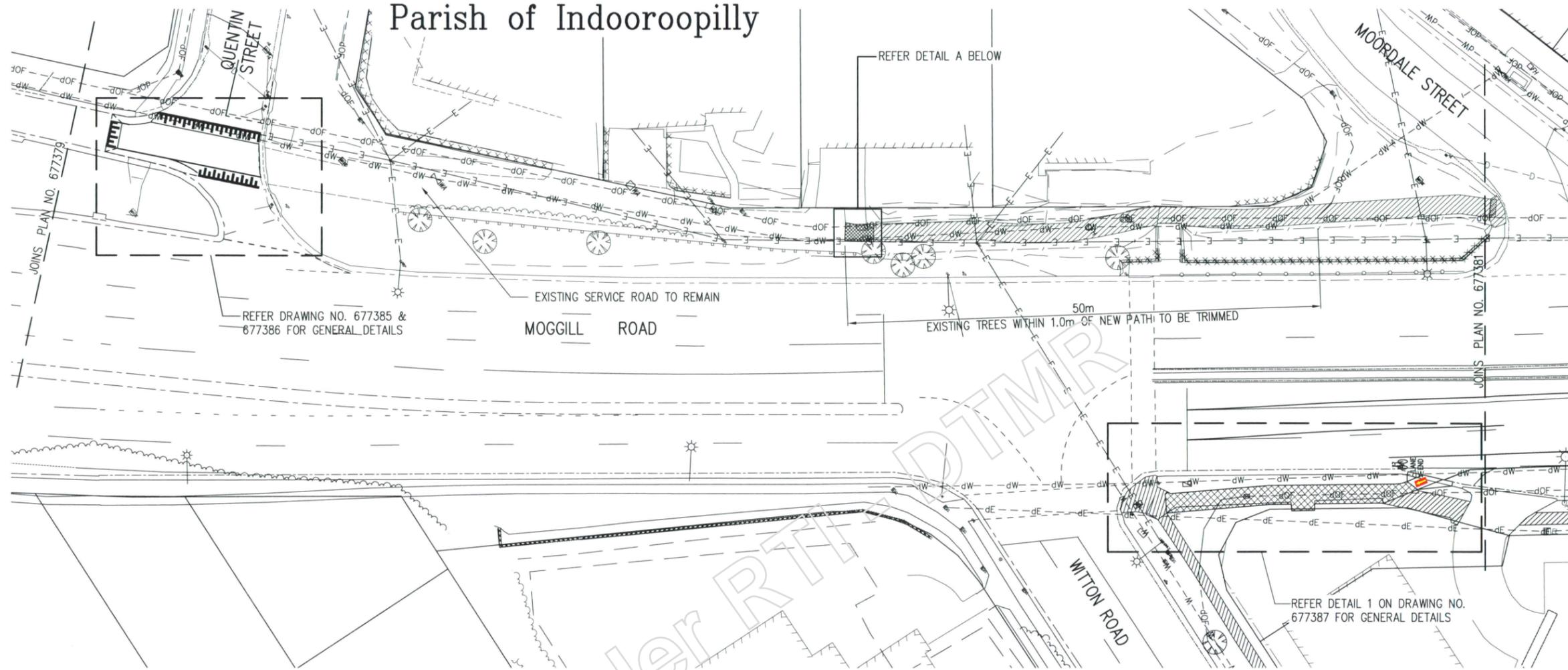
BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

GENERAL ARRANGEMENT SHEET 2 OF 5				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Doo	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Doo				

Queensland Government

Job No. 201/U96/401
 Contract No. METD-3277
 Drawing No. 677379 B
 Series Number 6 of 28
 MRR_Detail (02/14)

Parish of Indooroopilly



- LEGEND**
- EXISTING FOOTPATH TO REMAIN
 - 125mm HAND PLACED CONCRETE PAVING WITH SL72 WELDED MESH. REFER GENERAL NOTES 4 ON DRG 677375
 - 180mm HAND PLACED CONCRETE DRIVEWAY WITH SL72 WELDED MESH REFER GENERAL NOTES 4 ON DRG 677375
 - 8.0m x 3.5m NEW HARDSTAND FOR BUS SHELTER REFER BCC STD DRG BSD-2104 AND BSD-5218
 - NEW RAMPED KERB CROSSING WITH TCSI REFER BCC STD DRG BSD-5231

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 NAME: D. BAMFORD
 TITLE: RPEQ 17687

Associated Job Nos	Survey Data
Auxiliary Drg Nos	Datum BCSG02
	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042
Revisions/Descriptions	Certification Date Microfiled
	NR 21/6/19

Scales	
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0 2 4 6 8 10m	
Dimensions shown in metres except where shown otherwise	

BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

GENERAL ARRANGEMENT SHEET 3 OF 5	
Drawn	ENGINEERING CERTIFICATION (RPEQ)
Tony Dao	ENG. AREA NAME SIGNATURE NO. DATE
Designed	Civil Steven Tu Original Signed 13358 12/02/16
Tony Dao	

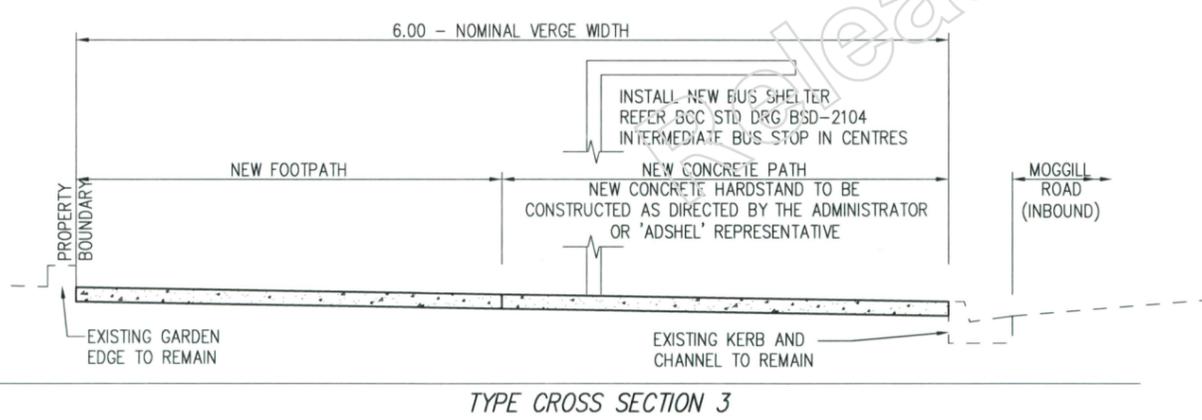
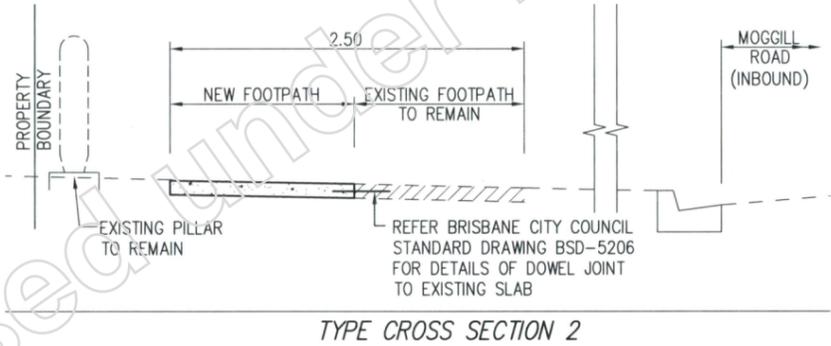
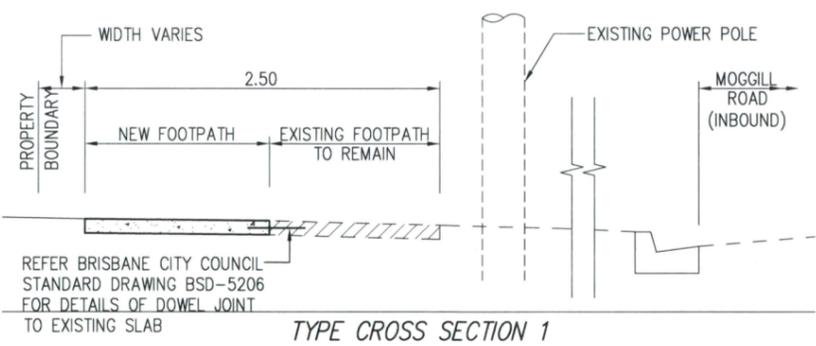
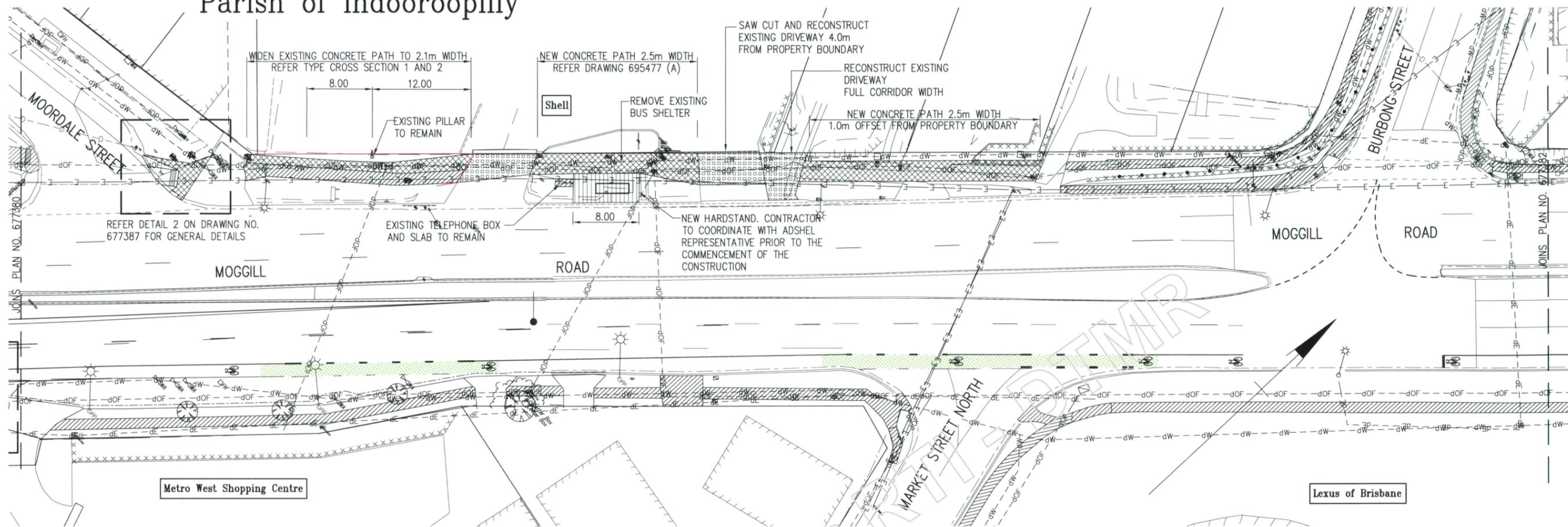
Queensland Government

Job No. 201/U96/401
 Contract No. METD-3277
 Drawing No. 677380 B
 Series Number 7 of 28
 MRR_Detail (02/14)

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RTI 3840 Page 7 of 27

Parish of Indooroopilly



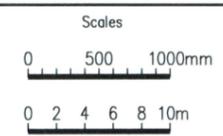
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 NAME: D. BAMFORD
 TITLE: RPEO 17687

- LEGEND**
- EXISTING FOOTPATH TO REMAIN
 - 125mm HAND PLACED CONCRETE PAVING WITH SL72 WELDED MESH. REFER GENERAL NOTES 4 ON DRG 677375
 - 180mm HAND PLACED CONCRETE DRIVEWAY WITH SL72 WELDED MESH REFER GENERAL NOTES 4 ON DRG 677375
 - 8.0m x 3.5m NEW HARDSTAND FOR BUS SHELTER REFER BCC STD DRG BSD-2104 AND BSD-5218
 - NEW RAMPED KERB CROSSING WITH TGSI REFER BCC STD DRG BSD-5231

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Associated Job Nos	Survey Data
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Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042



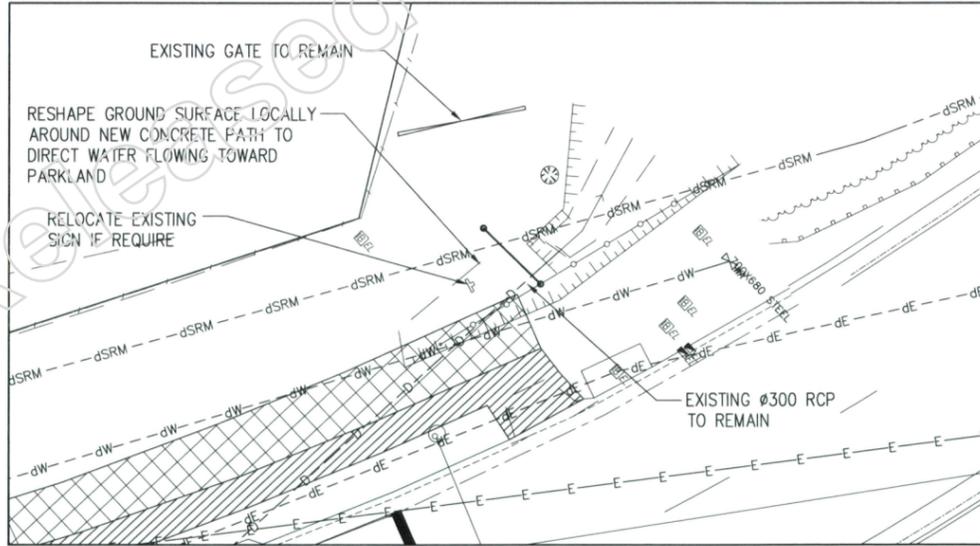
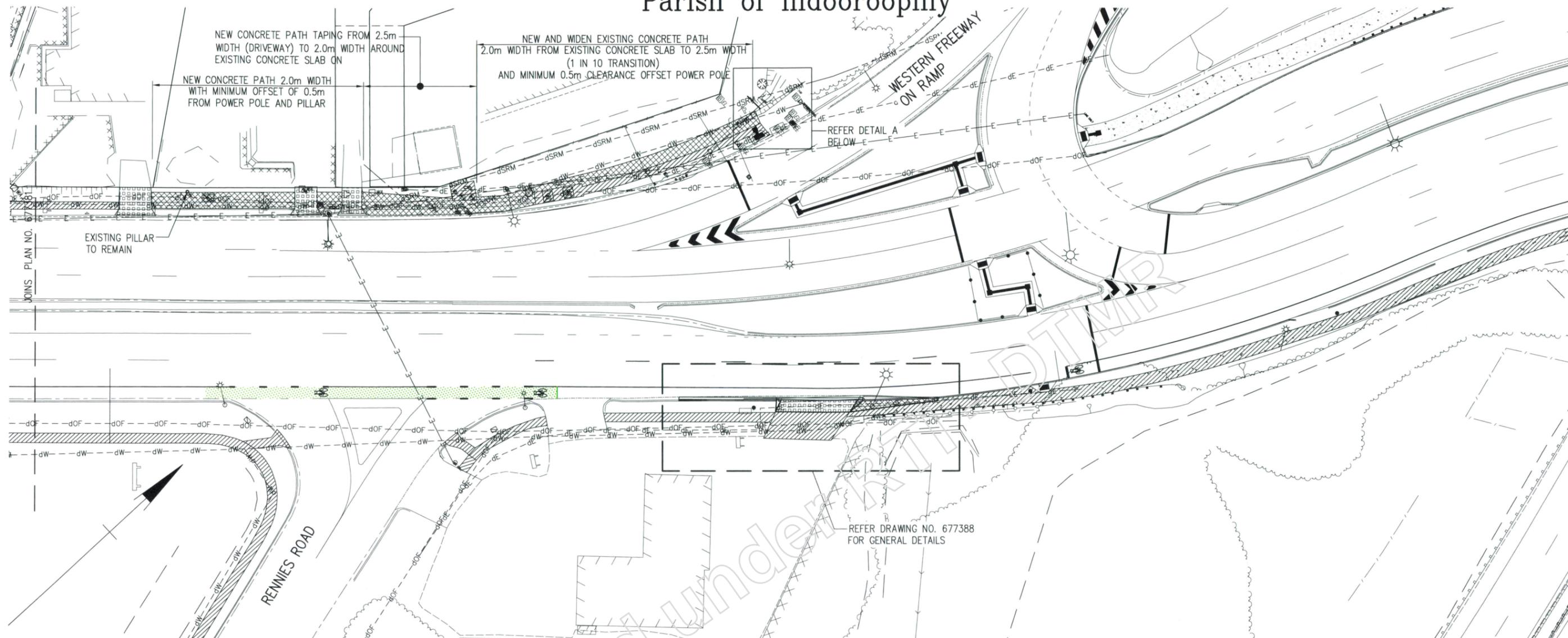
BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

GENERAL ARRANGEMENT SHEET 4 OF 5				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Dao				

Queensland Government

Job No. 201/U96/401
 Contract No. METD-3277
 Drawing No. 677381 B
 Series Number 8 of 28
 MRR_Detail (02/14)

Parish of Indooroopilly



DETAIL A
SCALE 1:100

As-Constructed
The works shown on this drawing are a factual representation of the works constructed.
SIGNED: [Signature] DATE: 21/6/19
NAME: D. SAM FORD
TITLE: RPEQ 17687

- LEGEND**
- EXISTING FOOTPATH TO REMAIN
 - 125mm HAND PLACED CONCRETE PAVING WITH SL72 WELDED MESH. REFER GENERAL NOTES 4 ON DRG 677375
 - 180mm HAND PLACED CONCRETE DRIVEWAY WITH SL72 WELDED MESH REFER GENERAL NOTES 4 ON DRG 677375
 - 8.0m x 3.5m NEW HARDSTAND FOR BUS SHELTER REFER BCC STD DRG BSD-2104 AND BSD-5218
 - NEW RAMPED KERB CROSSING WITH TCSI REFER BCC STD DRG BSD-5231

Last Modified: 19-Apr-2019 10:50:00 AM X:\DROA_M036_Transcity.dwg : xr photogrammetry SCALE 1 IN 250.dwg : xr part of 85781 SCALE 1 IN 250.dwg : xr survey SCALE 1 IN 250.dwg : xr services.dwg : xr Design general.dwg

Associated Job Nos	Survey Data	Datum	BCSG02
Auxiliary Drg Nos	Horiz. Grid	BCSG02	
	Height Origin	GDA94	
	Survey Books	MR85781 & MR100042	
Revisions/Descriptions	Certification	Date	Microfiled
		21/6/19	

Scales	
0 1 2 3 4m	
0 2 4 6 8 10m	
Dimensions shown in metres except where shown otherwise	

BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

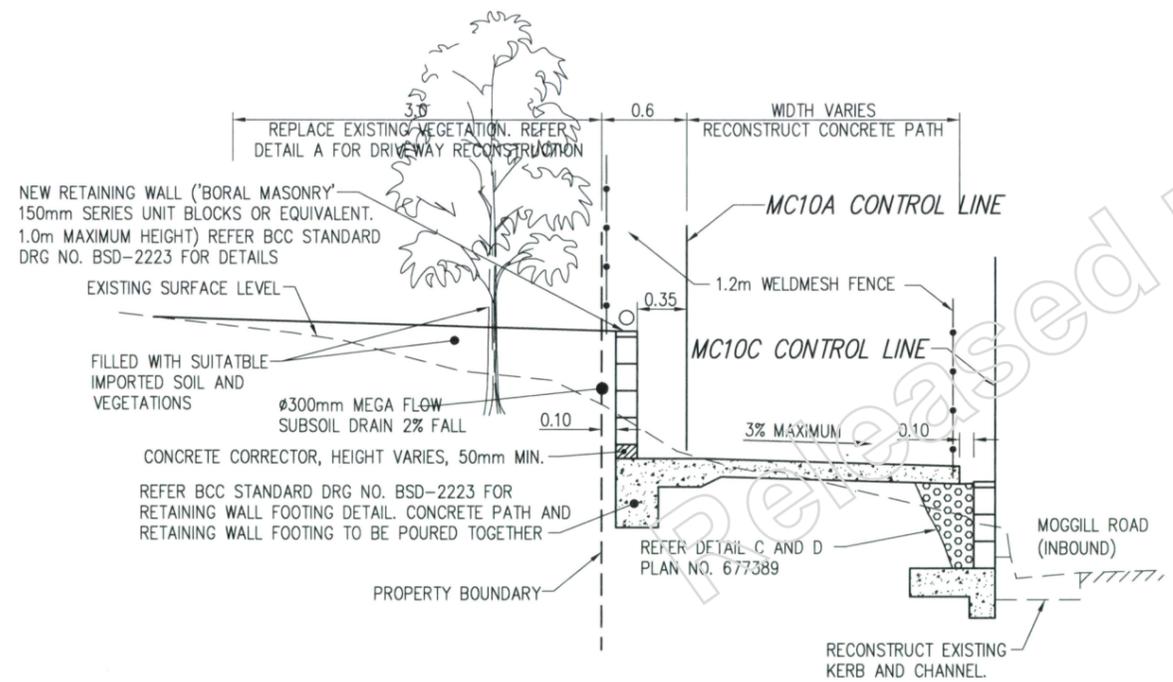
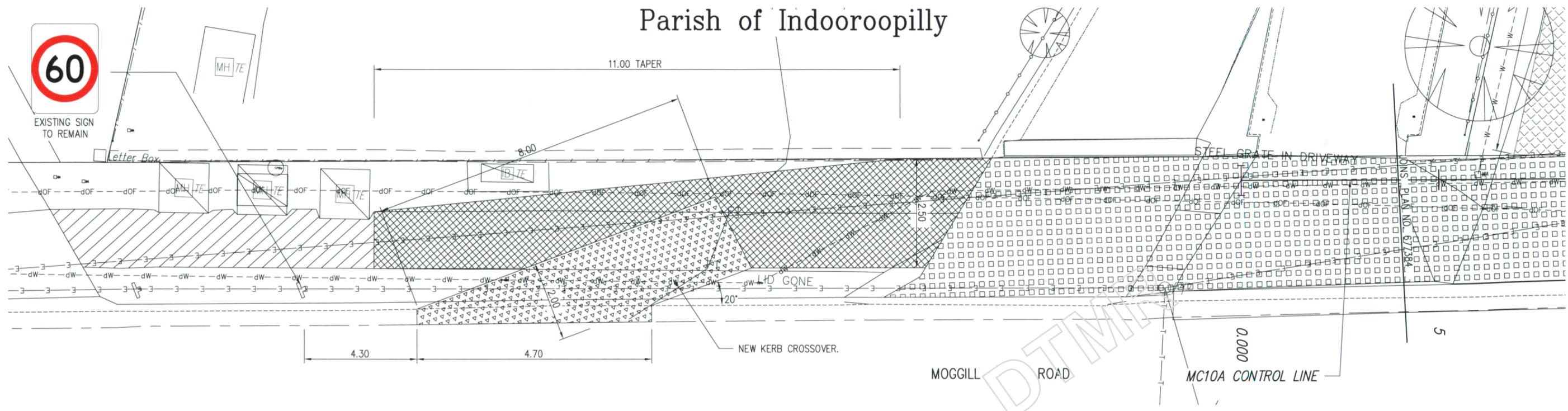
GENERAL ARRANGEMENT SHEET 5 OF 5	
Drawn	ENGINEERING CERTIFICATION (RPEQ)
Tony Dao	ENG. AREA
Designed	NAME
Tony Dao	Steven Tu
	SIGNATURE
	Original Signed
	NO.
	13358
	DATE
	12/02/16

Queensland Government

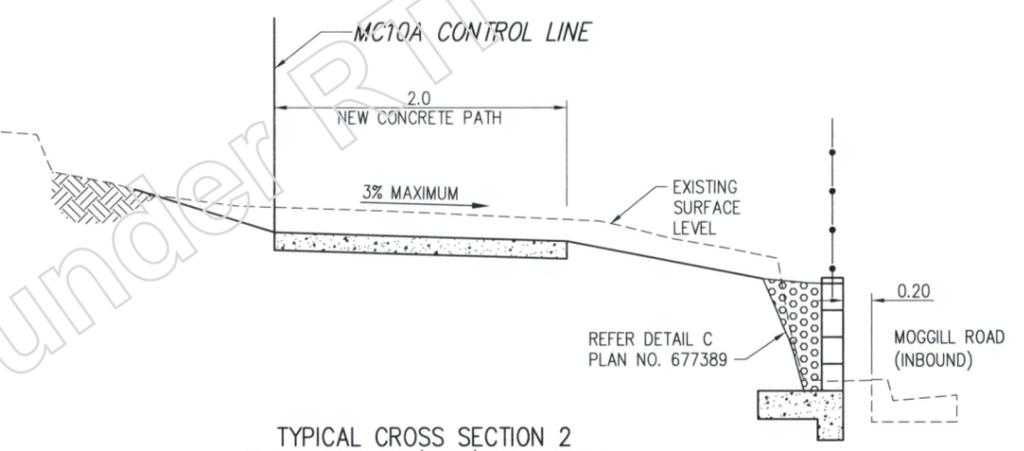
Job No. 201/U96/401
Contract No. METD-3277
Drawing No. 677382 B
Series Number 9 of 28
MRR_Detail (02/14)

RTI 3610 Page 9 of 27

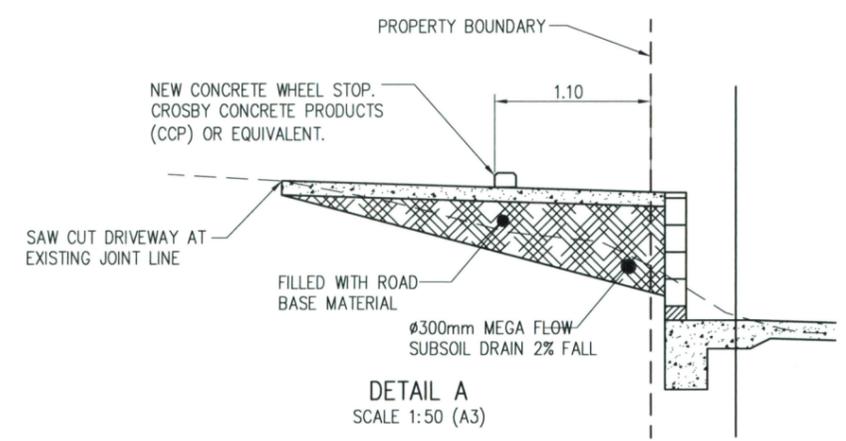
Parish of Indooroopilly



TYPICAL CROSS SECTION 1
CHAINAGE 11.00 - 24.10 (MC10A)
SCALE 1:50 (A3)



TYPICAL CROSS SECTION 2
CHAINAGE 26 TO END (MC10A) APPROXIMATELY
SCALE 1:50 (A3)



DETAIL A
SCALE 1:50 (A3)

- LEGEND**
- EXISTING CONCRETE PATH TO REMAIN
 - 125mm HAND PLACED CONCRETE PAVING WITH SL72 WELDED MESH. REFER GENERAL NOTES 4 ON DRG 677375
 - 180mm HAND PLACED CONCRETE DRIVEWAY (INSIDE PROPERTY) WITH SL72 WELDED MESH REFER GENERAL NOTES 4 ON DRG 677375
 - 180mm HAND PLACED CONCRETE DRIVEWAY (ROAD RESERVE) WITH SL72 WELDED MESH REFER GENERAL NOTES 4 ON DRG 677375
 - NEW KERB CROSSOVER
 - NEW 'ADBRI' MASONRY TURFSTONE 390x290x90mm PAVERS OR EQUIVALENT
 - RESURFACE EXISTING SERVICES ROAD
 - REMOVE EXISTING SHRUB WHERE REQUIRE FOR RETAINING WALL CONSTRUCTION AND REPLACE WITH 'LILLY PILLY' TO SUIT

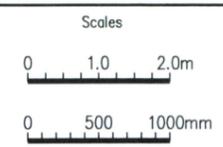
As-Constructed
The works shown on this drawing are a factual representation of the works constructed.

SIGNED: DATE: 21/6/19
NAME: D. BAMFORD
TITLE: RPO 17687

XREFS :- sr_survey SCALE 1 IN 50.dwg ; sr_services.dwg ; sr_control_line MC10A.dwg ; sr_control_line MC10C.dwg ; sr_design_general_scale 1 in 50.dwg
 last Modified :- Apr 07, 2019 - 5:08pm
 CAD FILES P:\GTS DRAFTING PROJECTS\1811-02 Moggill Sub-Arterial Rd\Cad\Plans\autocad_redlined\201_U96_401 CONSTRUCTION - Redlined\677383-384 GENERAL DETAILS SHEET 1 & 2.dwg

G				
F				
E				
D				
C				
B	As-Constructed	NR	21/6/19	
A	Issued For Construction			
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey MR85781 & MR100042
	Books MR100042



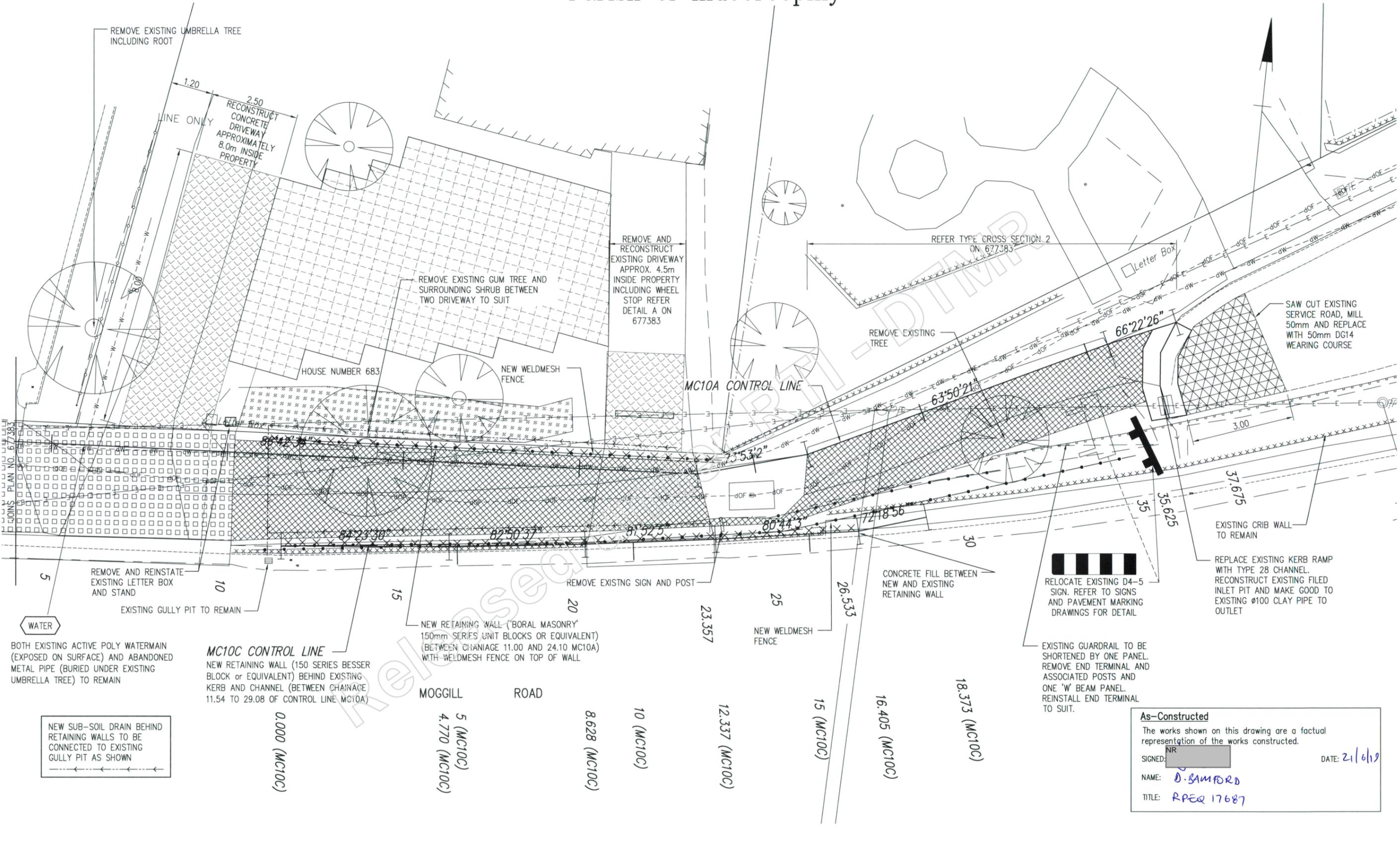
BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

GENERAL DETAILS - SHEET 1 OF 6				
AT 683 MOGGILL ROAD				
DRIVEWAY CLOSURE AND CONCRETE PATH RECONSTRUCTION				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Dao				

Queensland Government

Job No. 201/U96/401
Contract No. METD-3277
Drawing No. 677383 B
Series Number 10 of 28
MRR_Detail (02/14)

Parish of Indooroopilly



As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.
 SIGNED: [Signature] DATE: 21/6/19
 NAME: D. SAMFORD
 TITLE: RPEQ 17687

Last Modified: 19-Apr-2019 5:08pm XREFS: -- sr survey SCALE 1 IN 50.dwg -- sr services.dwg -- sr Control line MCG10A.dwg -- sr Control line MCG10C.dwg -- sr Design general scale 1 in 50.dwg
 CAD FILES: P:\GTS DRAFTING PROJECTS\1811-02 Moggill Sub-Arterial Rd\Cad\Plans\autocad redlined\201_U96_401 CONSTRUCTION - Redlined\677383-384 GENERAL DETAILS SHEET 1 & 2.dwg

Associated Job Nos	Survey Data
	Datum: BCSG02
Auxiliary Drg Nos	Horiz. Grid: BCSG02
	Height Origin: GDA94
	Survey Books: MR85781 & MR100042
Revisions/Descriptions	Certification
	Date
	Microfiled

Scales	
0 1.0 2.0m	
Dimensions shown in metres except where shown otherwise	

BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

GENERAL DETAILS - SHEET 2 OF 6				
AT 683 MOGGILL ROAD				
DRIVEWAY CLOSURE AND CONCRETE PATH RECONSTRUCTION				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Dao				

Queensland Government

Job No. 201/U96/401
 Contract No. METD-3277
 Drawing No. 677384 B
 Series Number 11 of 28

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Parish of Indooroopilly

Pt	Chainage	Easting	Northing	Level	Bearing
IP1	0	45964.718	154690.615	10.716	54°13'18.12"
IP2	27.06	45986.672	154706.435	12.059	54°13'18.12"

LEGEND

-  TOP OF PLATFORM
AC14 MEDIUM DUTY DENSE GRADED ASPHALT
INCLUDING RAMPS
-  TOE OF RAMP. REFER DETAIL A
AND B, DRG 677386
-  SAWCUT ALONG TOE OF RAMP
REFER DETAIL B, DRG NO. 677386
-  AC14 MEDIUM DUTY DENSE
GRADED ASPHALT

EXISTING WATER VALVE TO BE
RAISED TO NEW PAVEMENT
SURFACE

No linemarking
installed pending
Design completion



R1-2A

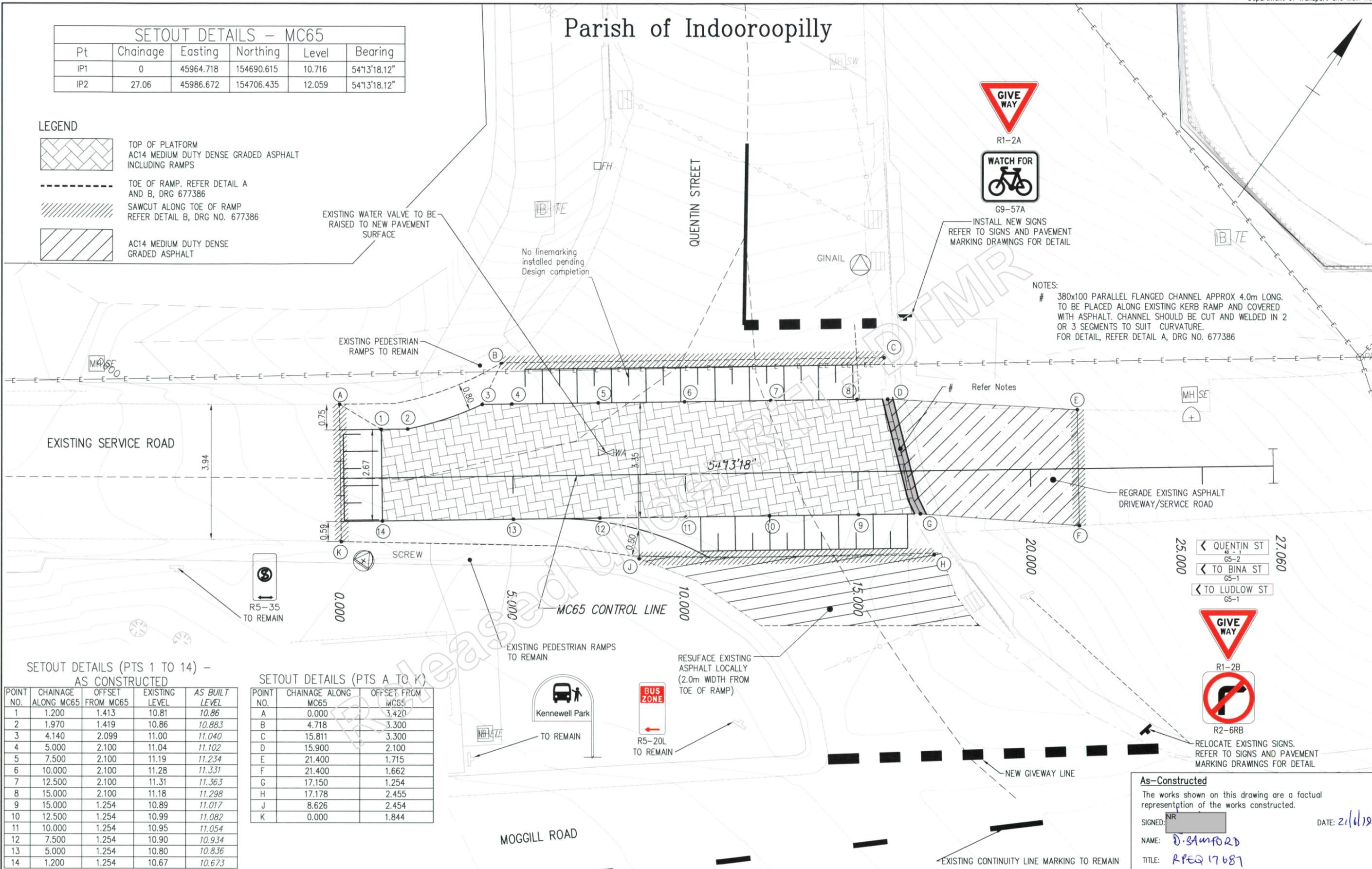


G9-57A

INSTALL NEW SIGNS
REFER TO SIGNS AND PAVEMENT
MARKING DRAWINGS FOR DETAIL

NOTES:

380x100 PARALLEL FLANGED CHANNEL APPROX 4.0m LONG.
TO BE PLACED ALONG EXISTING KERB RAMP AND COVERED
WITH ASPHALT. CHANNEL SHOULD BE CUT AND WELDED IN 2
OR 3 SEGMENTS TO SUIT CURVATURE.
FOR DETAIL, REFER DETAIL A, DRG NO. 677386



EXISTING SERVICE ROAD

SETOUT DETAILS (PTS 1 TO 14) - AS CONSTRUCTED

POINT NO.	CHAINAGE ALONG MC65	OFFSET FROM MC65	EXISTING LEVEL	AS BUILT LEVEL
1	1.200	1.413	10.81	10.86
2	1.970	1.419	10.86	10.883
3	4.140	2.099	11.00	11.040
4	5.000	2.100	11.04	11.102
5	7.500	2.100	11.19	11.234
6	10.000	2.100	11.28	11.331
7	12.500	2.100	11.31	11.363
8	15.000	2.100	11.18	11.298
9	15.000	1.254	10.89	11.017
10	12.500	1.254	10.99	11.082
11	10.000	1.254	10.95	11.054
12	7.500	1.254	10.90	10.934
13	5.000	1.254	10.80	10.836
14	1.200	1.254	10.67	10.673

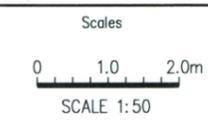
SETOUT DETAILS (PTS A TO K)

POINT NO.	CHAINAGE ALONG MC65	OFFSET FROM MC65
A	0.000	3.420
B	4.718	3.300
C	15.811	3.300
D	15.900	2.100
E	21.400	1.715
F	21.400	1.662
G	17.150	1.254
H	17.178	2.455
J	8.626	2.454
K	0.000	1.844

As-Constructed
The works shown on this drawing are a factual
representation of the works constructed.
SIGNED:  DATE: 2/1/19
NAME: D. BAUMFORD
TITLE: RPEQ 17687

Revisions/Descriptions	Certification	Date	Microfiled
C As-Constructed		21/6/19	
B Addition Of Setout Details And Changes To C Channel	Steven Tu	7/10/16	
A Issued For Construction			

Associated Job Nos	Survey Data
	Datum: BCSG02
	Horiz. Grid: BCSG02
	Height Origin: GDA94
	Survey Books: MR85781 & MR100042

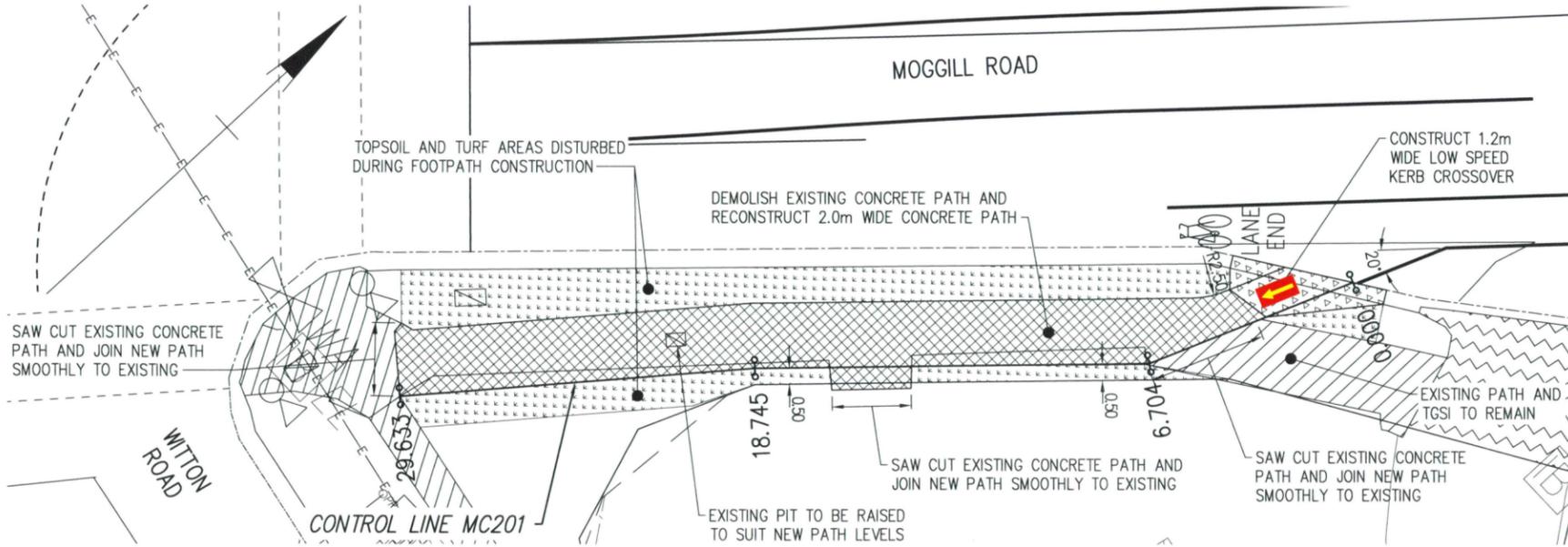


BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job (km)	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2

GENERAL DETAILS - SHEET 3 OF 6				
QUENTIN STREET				
NEW FLAT TOP ROAD HUMPH				
Drawn		ENGINEERING CERTIFICATION (RPEQ)		
ENG. AREA	NAME	SIGNATURE	NO.	DATE
Civil	Steven Tu	Original Signed	13358	12/02/16
Designed		Tony Dao		

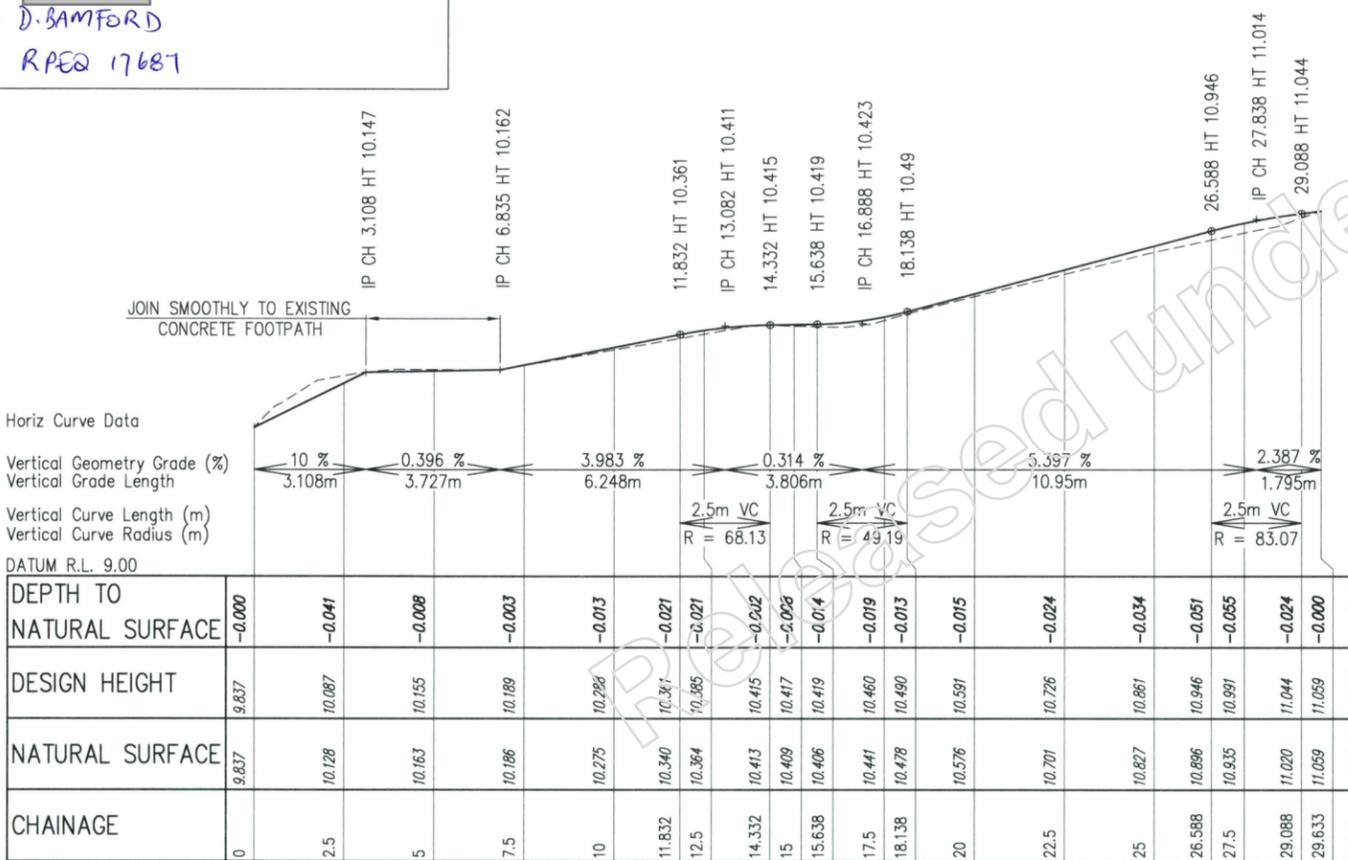
Queensland Government	
Job No.	201/U96/401
Contract No.	MEID-3277
Drawing No.	677385 C
Series Number	12 of 28

Last Modified: 19 Apr 07, 2019 5:08pm XREFS: - x: MC65-gal long 05/02/2016.dwg; x: Control line MC65.dwg; x: survey SCALE 1 IN 50.dwg; x: part of 85781 NEW.dwg; x: EXISTING CONTINUITY.dwg

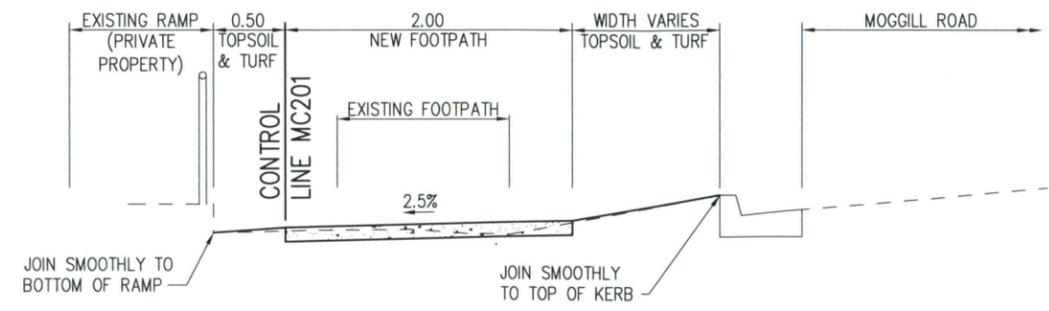


DETAIL 1 (2.0m FOOTPATH - CONTROL LINE MC201)
SCALE 1:100

As-Constructed
The works shown on this drawing are a factual representation of the works constructed.
SIGNED: [Signature] DATE: 21/6/19
NAME: D. BAMFORD
TITLE: RPEQ 17687



LONGITUDINAL SECTION - CONTROL LINE MC201
HORIZONTAL SCALE 1:100
VERTICAL SCALE 1:20

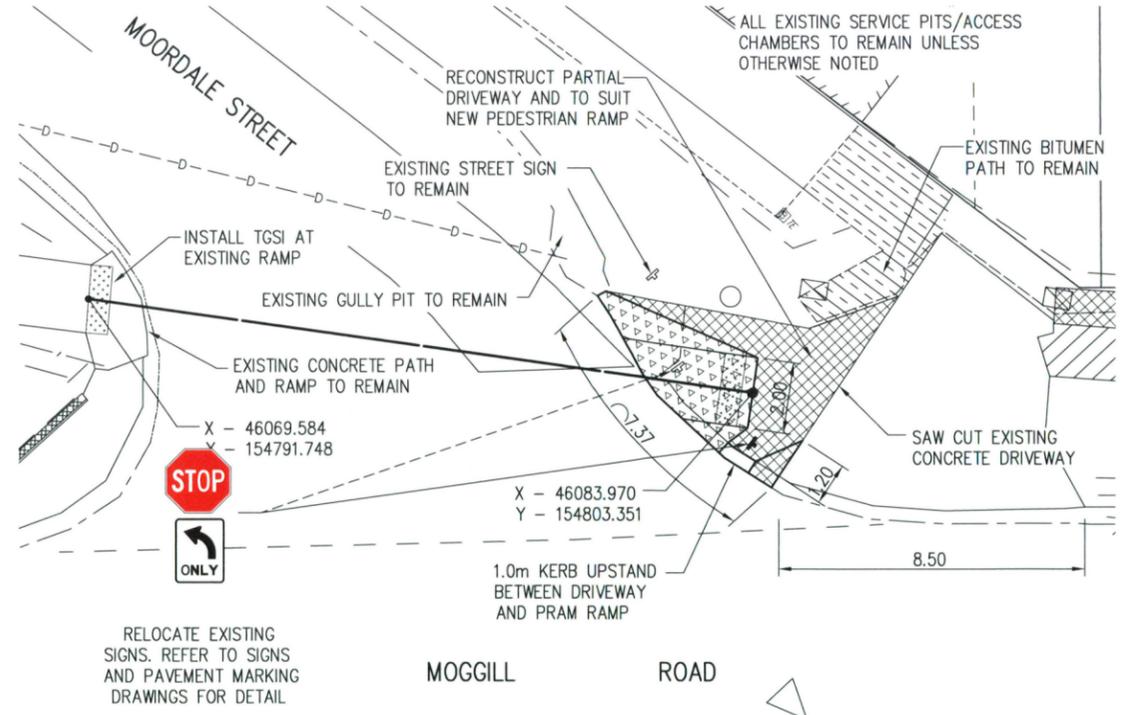


TYPE CROSS SECTION - MC201
N.T.S.

SETOUT TABLE ALIGNMENT MC201

Pt	Chainage	Easting	Northing	Level	Bearing
IP1	0	46086.8	154768.676	9.837	201°09'17.75"
IP2	6.704	46084.381	154762.424	10.162	
IP3	18.745	46076.274	154753.521	10.523	
IP4	29.633	46069.519	154744.981	11.057	218°20'47.77"

- LEGEND**
- EXISTING CONCRETE PATH TO REMAIN
 - EXISTING DRIVEWAY TO REMAIN
 - 125mm HAND PLACED CONCRETE PAVING WITH SL72 WELDED MESH. REFER GENERAL NOTES 4 ON DRG 677375
 - NEW KERB CROSSOVER
 - TURF AND TOPSOIL



DETAIL 2 (MOORDALE ST INTERSECTION)
SCALE 1:100

Last Modified: 19-Apr-2019 5:09pm

Associated Job Nos	Survey Data	Datum	BCSG02
Auxiliary Drg Nos	Horiz. Grid	BCSG02	
	Height Origin	GDA94	
	Survey Books	MR85781 & MR100042	

Reference Points	Preceding RP	Dist to start	From start to Following RP	From end to Following RP	Following RP
	U96/1	0.21	1.09	0.5	U96/2

BRISBANE CITY		GENERAL DETAILS - SHEET 5 OF 6	
U96 MOGGILL SUB-ARTERIAL ROAD		MOGGILL AND WITTON ROAD INTERSECTION & MOGGILL AND MOORDALE STREET INTERSECTION	
CTL CHGE		ENGINEERING CERTIFICATION (RPEQ)	
Drawn	Tony Dao	ENG. AREA	Civil
Designed	Tony Dao	NAME	Steven Tu
		SIGNATURE	Original Signed
		NO.	13358
		DATE	12/02/16

Job No.	201/U96/401
Contract No.	MEID-3277
Drawing No.	677387 B
Series Number	14 of 28

Queensland Government

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NOTES:

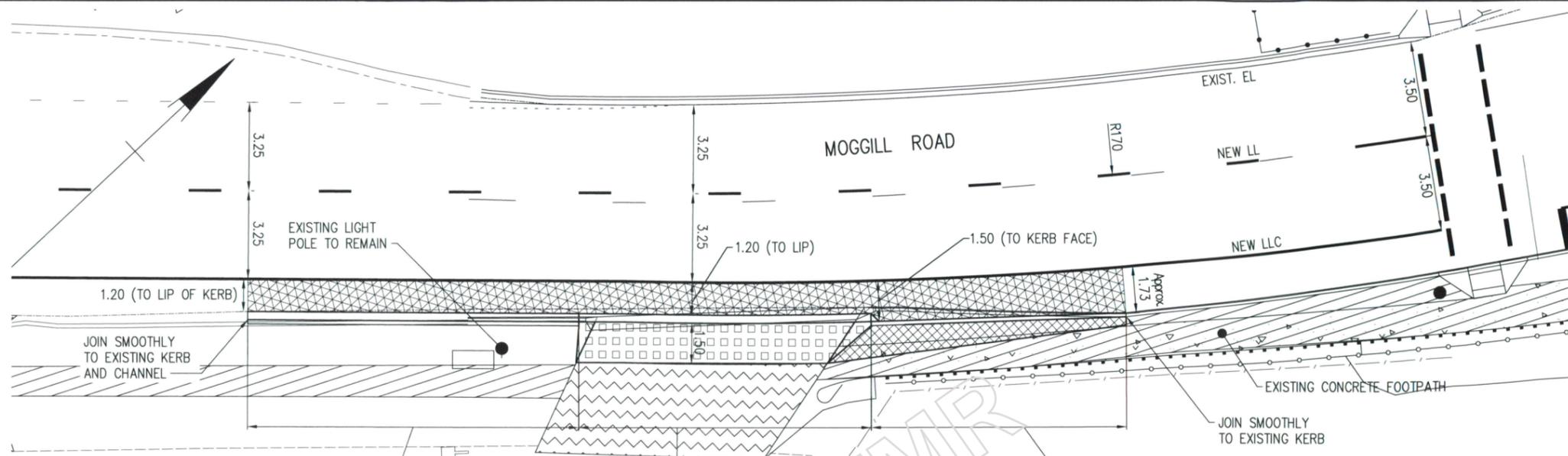
- SUBSOIL DRAINS ARE REQUIRED ONLY IF ORDERED BY THE ADMINISTRATOR, FOLLOWING INSPECTION OF ON SITE SUBGRADE CONDITIONS. LONGITUDINAL GRADE OF SUBSOIL DRAIN TYPE D, TO BE 0.5% (MIN).

PAVEMENT LEGEND

-  50mm AC14 AC14 MEDIUM DUTY DENSE GRADED ASPHALT
-  300mm AC20 MEDIUM DUTY DENSE GRADED ASPHALT

LEGEND

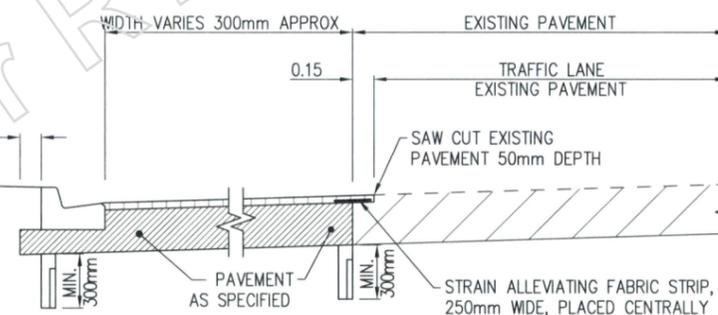
-  EXISTING CONCRETE PATH TO REMAIN
-  EXISTING DRIVEWAY TO REMAIN
-  125mm HAND PLACED CONCRETE PAVING WITH SL72 WELDED MESH. REFER GENERAL NOTES 4 ON DRG 677375
-  180mm HAND PLACED CONCRETE DRIVEWAY (ROAD RESERVE) WITH SL72 WELD MESH REFER GENERAL NOTES 4 ON DRG 677375
-  PAVEMENT WIDENING, REFER PAVEMENT LEGEND



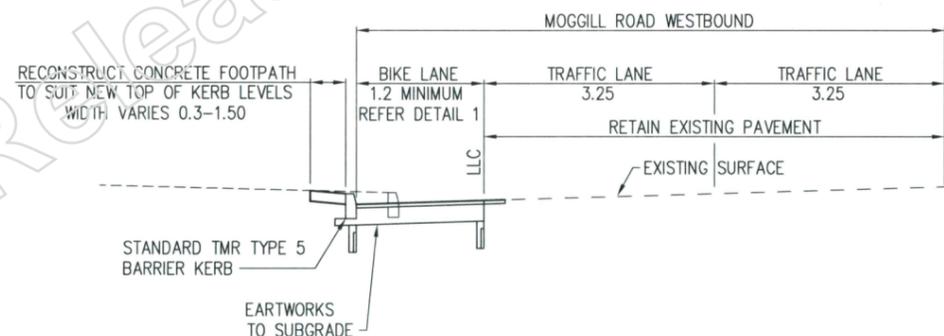
DEMOLISH EXISTING KERB AND CHANNEL AND RECONSTRUCT NEW STANDARD TMR TYPE 6 KERB AND CHANNEL AT 1.2m OFFSET (NEW EDGE LINE TO LIP OF KERB) REFER TO TYPE CROSS SECTION B

DEMOLISH 1.5m OF EXISTING DRIVEWAY AND CONCRETE CHANNEL AND RECONSTRUCT DRIVEWAY AND CONCRETE CHANNEL TO NEW 1.2m OFFSET (NEW LANE LINE (CONTINUOUS) TO LIP OF CHANNEL). REFER TO TYPE CROSS SECTION B

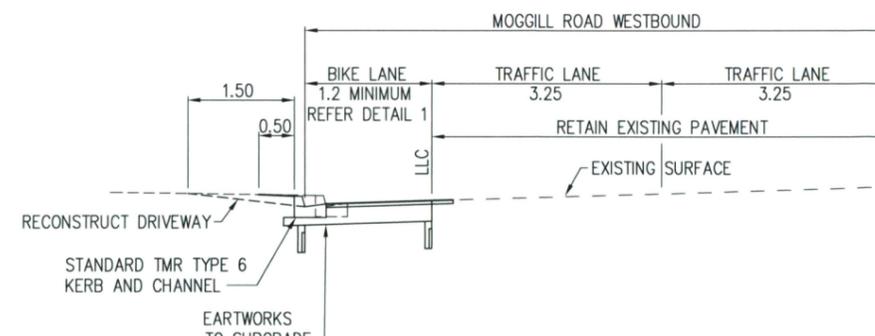
DEMOLISH EXISTING KERB AND RECONSTRUCT NEW STANDARD TMR TYPE 5 KERB 1.5m OFFSET (NEW LANE LINE (CONTINUOUS) TO KERB FACE) ALSO DEMOLISH EXISTING CONCRETE FOOTPATH (WIDTH VARIES FROM 0.3m TO 1.5m) AND RECONSTRUCT FROM EXISTING PATH TO TOP OF KERB. REFER TO TYPE CROSS SECTION A.



DETAIL 1
N.T.S.



TYPE CROSS SECTION A
N.T.S.



TYPE CROSS SECTION B
N.T.S.

As-Constructed
The works shown on this drawing are a factual representation of the works constructed.
SIGNED:  DATE: 21/6/19
NAME: D. BAMFORD
TITLE: RPER 17687

G				
F				
E				
D				
C				
B	As-Constructed			21/6/19
A	Issued For Construction			
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042

Dimensions shown in metres except where shown otherwise

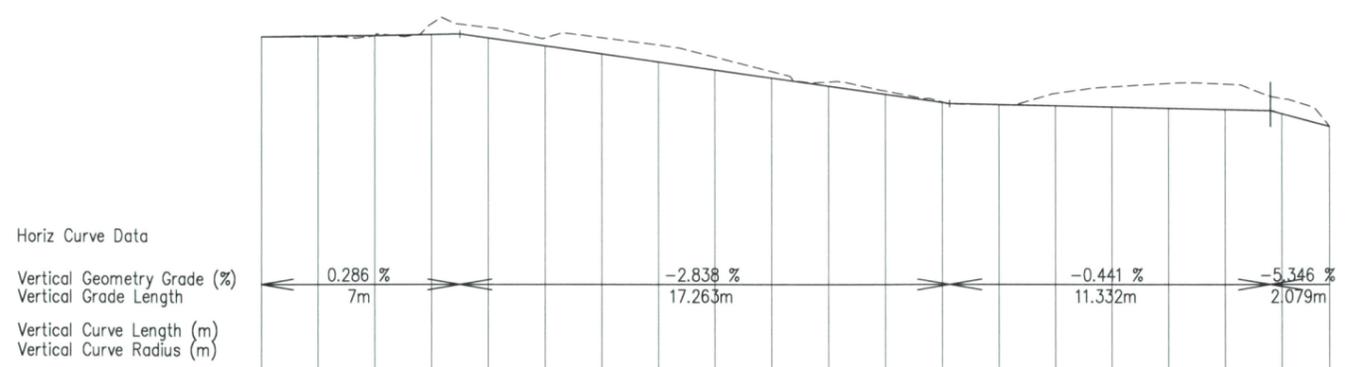
BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

GENERAL DETAILS - SHEET 6 OF 6				
MOGGILL ROAD SHOULDER WIDENING AT 576 MOGGILL ROAD (WESTBOUND)				
ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE
Civil	Steven Tu	Original Signed	13358	12/02/16
Drawn: Tony Dao				
Designed: Tony Dao				

	
Job No.	201/U96/401
Contract No.	MEID-3277
Drawing No.	677388
Series Number	15 of 28

Last Modified: 19 Apr 07, 2019 - 5:09pm XREFS: -- sr survey SCALE: 1 IN 50.dwg -- sr design general.dwg -- sr part of 85781 SCALE: 1 IN 250.dwg -- sr photogrammetry SCALE: 1 IN 50.dwg -- sr design general scale 1 in 50.dwg -- sr design general scale 1 in 50.dwg -- sr design general scale 1 in 50.dwg

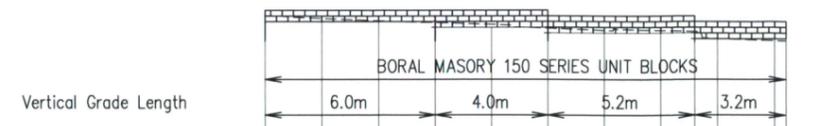
NEW RETAINING WALL CH.11.00 TO CH.24.10
REFER RETAINING WALL
LONGITUDINAL SECTION BELOW



DEPTH TO NATURAL SURFACE	DESIGN HEIGHT	NATURAL SURFACE	CHAINAGE
-0.000	15.490	15.490	0
-0.005	15.496	15.491	2
-0.002	15.501	15.500	4
-0.076	15.507	15.583	6
-0.074	15.482	15.555	8
-0.056	15.425	15.481	10
-0.114	15.368	15.482	12
-0.120	15.311	15.431	14
-0.091	15.255	15.346	16
-0.046	15.198	15.244	18
-0.030	15.141	15.171	20
-0.023	15.084	15.107	22
-0.004	15.027	15.031	24
-0.002	15.012	15.011	26
-0.088	15.004	15.091	28
-0.142	14.995	15.137	30
-0.175	14.986	15.161	32
-0.179	14.977	15.156	34
-0.107	14.948	15.056	36
-0.001	14.859	14.860	37.67

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50

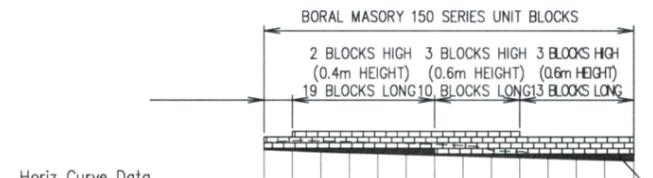
LONGITUDINAL SECTION MC10A



DEPTH TO NATURAL SURFACE	DESIGN HEIGHT TOP OF FOOTING	NATURAL SURFACE (BEHIND EX. K&C)	CHAINAGE
-0.204	14.774	14.978	0
-0.109	14.774	14.883	2
-0.027	14.774	14.801	4
-0.034	14.774	14.740	6
-0.098	14.574	14.740	6.001
-0.034	14.574	14.672	8
-0.092	14.374	14.540	10
-0.085	14.374	14.374	10.001
-0.006	14.374	14.466	12
-0.069	14.174	14.459	14
-0.083	14.174	14.374	14.201
-0.083	14.174	14.180	16
-0.083	14.174	14.105	18
-0.083	14.174	14.091	18.400

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:250

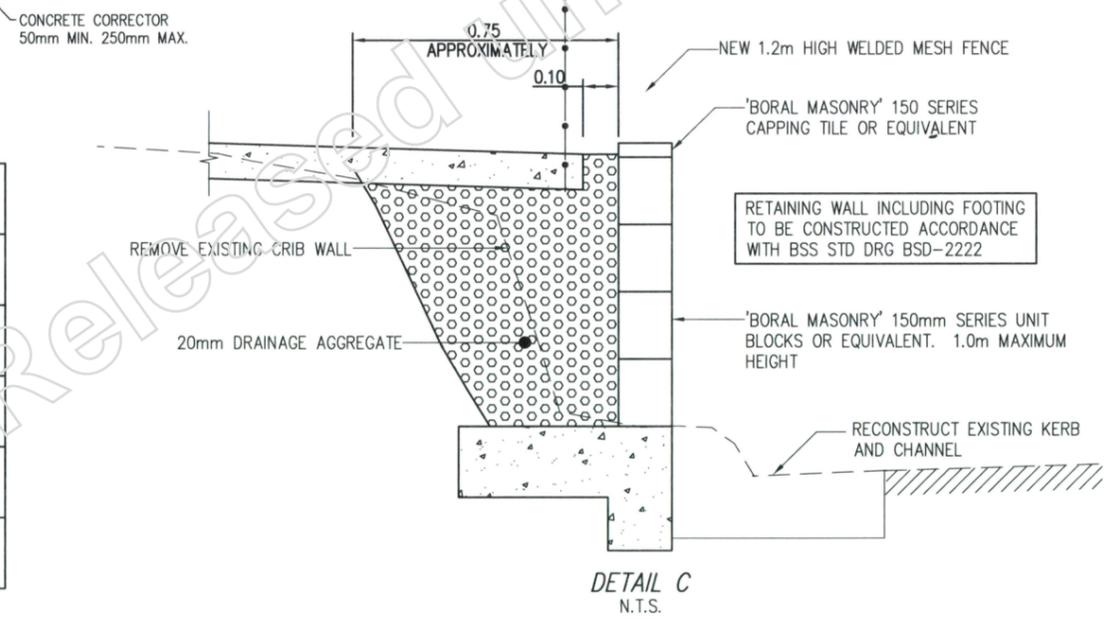
LONGITUDINAL SECTION MC10C



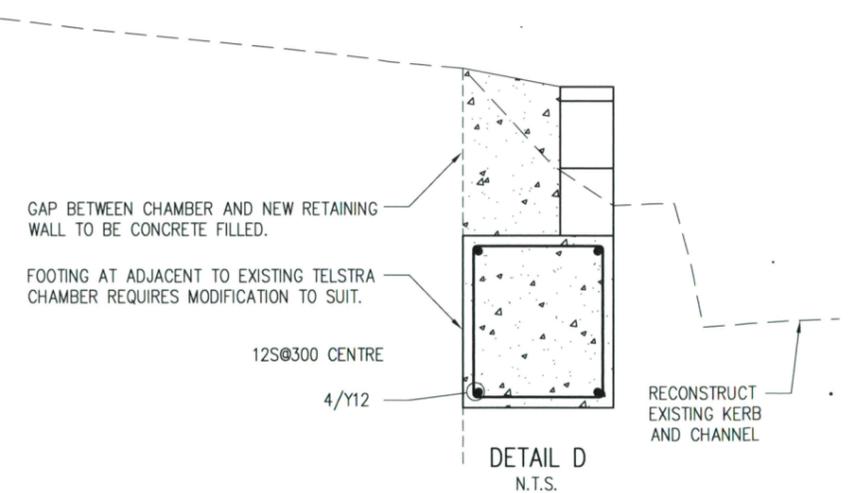
TOP OF CONCRETE CORRECTOR	DEPTH TO NATURAL SURFACE	DESIGN HEIGHT TOP OF FOOTING	NATURAL SURFACE	WALL LENGTH	CHAINAGE (MC10A)
15.484	-0.254	15.434	15.689	0	11.000
15.484	-0.355	15.392	15.747	1	12.000
15.484	-0.393	15.350	15.743	2	13.000
15.484	-0.395	15.372	15.717	3	14.000
15.484	-0.395	15.293	15.688	4	15.000
15.484	-0.395	15.265	15.660	5	16.000
15.484	-0.387	15.237	15.623	6	17.000
15.284	-0.364	15.208	15.572	7	18.000
15.284	-0.237	15.180	15.417	8	19.000
15.284	-0.214	15.152	15.366	9	20.000
15.284	-0.120	15.123	15.244	10	21.000
15.284	-0.104	15.095	15.199	11	22.000
15.284	-0.091	15.066	15.158	12	23.000
15.284	-0.031	15.030	15.061	13.025	24.100

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:250

RETAINING LONGITUDINAL SECTION (FACE OF WALL)



DETAIL C
N.T.S.



DETAIL D
N.T.S.

As-Constructed
The works shown on this drawing are a factual representation of the works constructed.
SIGNED: [Signature] DATE: 2/6/19
NAME: D. BAMFORD
TITLE: RPEQ 17637

Last Modified: 11-Apr-2019 5:09pm XREFS: P:\GTS DRAFTING PROJECTS\1811-02 Moggill Sub-Arterial Rd\Cad\Plans\autocad\redlined\201_U96_401 CONSTRUCTION - Redlined\677389 LONGITUDINAL SECTIONS MC10A B AND C.dwg

Associated Job Nos		Survey Data		Scales		BRISBANE CITY				LONGITUDINAL SECTIONS & DETAILS					
Datum		BCSG02		0 1.0 2.0m		U96 MOGGILL SUB-ARTERIAL ROAD				CONTROL LINE MC10A AND MC10C					
Auxiliary Drg Nos		Horiz. Grid		0 5 10 15 20m		CTL CHGE								Job No. 201/U96/401	
Height Origin		GDA94		0 2 4 6 8 10m		Reference Points				ENGINEERING CERTIFICATION (RPEQ)				Contract No. METD-3277	
Survey Books		MR85781 & MR100042		Dimensions shown in metres except where shown otherwise		Preceding RP: U96/1 Dist. to start of job (km): 0.21 From start to end of job: 1.09 From end to Following RP: 0.5 Following RP: U96/2				Drawn: Tony Dao ENG. AREA: Civil NAME: Steven Tu SIGNATURE: Original Signed NO.: 13358 DATE: 12/02/16				Drawing No. 677389 B	
Revisions/Descriptions		Certification		Date		Microfiled		Through Chainage from						Series Number 16 of 28	

This data has been provided for general information only. It is not to be used for any purpose other than that for which it was provided. The Department of Transport and Main Roads does not accept any liability for any loss or damage arising from the use of this data.

CONTROL LINE MC10A
X = 45753.795
Y = 154562.382
Z = 15.311

Datum 14.00

DESIGN HEIGHT		15.322	15.311	15.244
EXISTING SURFACE		15.717	15.431	15.032
OFFSETS		-0.350	0.000	2.239

CHAINAGE 14.000

CONTROL LINE MC10A
X = 45761.782
Y = 154562.841
Z = 15.084

Datum 14.00

DESIGN HEIGHT		15.095	15.084	15.035
EXISTING SURFACE		15.199	15.107	14.696
OFFSETS		-0.350	0.000	1.638

CHAINAGE 22.000

CONTROL LINE MC10A
X = 45769.299
Y = 154565.330
Z = 14.995

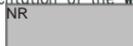
Datum 12.00

DESIGN HEIGHT		14.995	14.934
EXISTING SURFACE		15.137	14.948
OFFSETS		0.000	2.028

CHAINAGE 30.000

As-Constructed

The works shown on this drawing are a factual representation of the works constructed.

SIGNED: 
NAME: D. BAMFORD
TITLE: RPE 17687

DATE: 21/6/19

CONTROL LINE MC10A
X = 45751.798
Y = 154562.267
Z = 15.368

Datum 14.00

DESIGN HEIGHT		15.379	15.368	15.203
EXISTING SURFACE		15.747	15.482	15.078
OFFSETS		-0.350	0.000	2.372

CHAINAGE 12.000

CONTROL LINE MC10A
X = 45759.785
Y = 154562.727
Z = 15.141

Datum 14.00

DESIGN HEIGHT		15.152	15.141	15.087
EXISTING SURFACE		15.366	15.171	14.767
OFFSETS		-0.350	0.000	1.814

CHAINAGE 20.000

CONTROL LINE MC10A
X = 45767.504
Y = 154564.448
Z = 15.004

Datum 12.00

DESIGN HEIGHT		15.004	14.943
EXISTING SURFACE		15.091	14.852
OFFSETS		0.000	2.012

CHAINAGE 28.000

CONTROL LINE MC10A
X = 45774.692
Y = 154567.960
Z = 14.948

Datum 12.00

DESIGN HEIGHT		14.948	14.887
EXISTING SURFACE		15.056	15.028
OFFSETS		0.000	2.062

CHAINAGE 36.000

CONTROL LINE MC10A
X = 45749.801
Y = 154562.153
Z = 15.425

Datum 14.00

DESIGN HEIGHT		15.425	15.075
EXISTING SURFACE		15.481	14.998
OFFSETS		0.000	2.378

CHAINAGE 10.000

CONTROL LINE MC10A
X = 45757.788
Y = 154562.612
Z = 15.198

Datum 14.00

DESIGN HEIGHT		15.208	15.198	15.139
EXISTING SURFACE		15.572	15.244	14.902
OFFSETS		-0.350	0.000	1.962

CHAINAGE 18.000

CONTROL LINE MC10A
X = 45765.675
Y = 154563.653
Z = 15.012

Datum 14.00

DESIGN HEIGHT		15.012	14.956
EXISTING SURFACE		15.011	14.562
OFFSETS		0.000	1.875

CHAINAGE 26.000

CONTROL LINE MC10A
X = 45772.890
Y = 154567.093
Z = 14.977

Datum 12.00

DESIGN HEIGHT		14.977	14.915
EXISTING SURFACE		15.156	15.069
OFFSETS		0.000	2.061

CHAINAGE 34.000

CONTROL LINE MC10A
X = 45747.805
Y = 154562.038
Z = 15.482

Datum 14.00

DESIGN HEIGHT		15.482	15.033
EXISTING SURFACE		15.555	15.033
OFFSETS		0.000	2.405

CHAINAGE 8.000

CONTROL LINE MC10A
X = 45755.791
Y = 154562.497
Z = 15.255

Datum 14.00

DESIGN HEIGHT		15.265	15.191
EXISTING SURFACE		15.660	15.346
OFFSETS		-0.350	2.107

CHAINAGE 16.000

CONTROL LINE MC10A
X = 45763.754
Y = 154563.098
Z = 15.027

Datum 14.00

DESIGN HEIGHT		15.038	14.979
EXISTING SURFACE		15.107	14.693
OFFSETS		-0.350	1.607

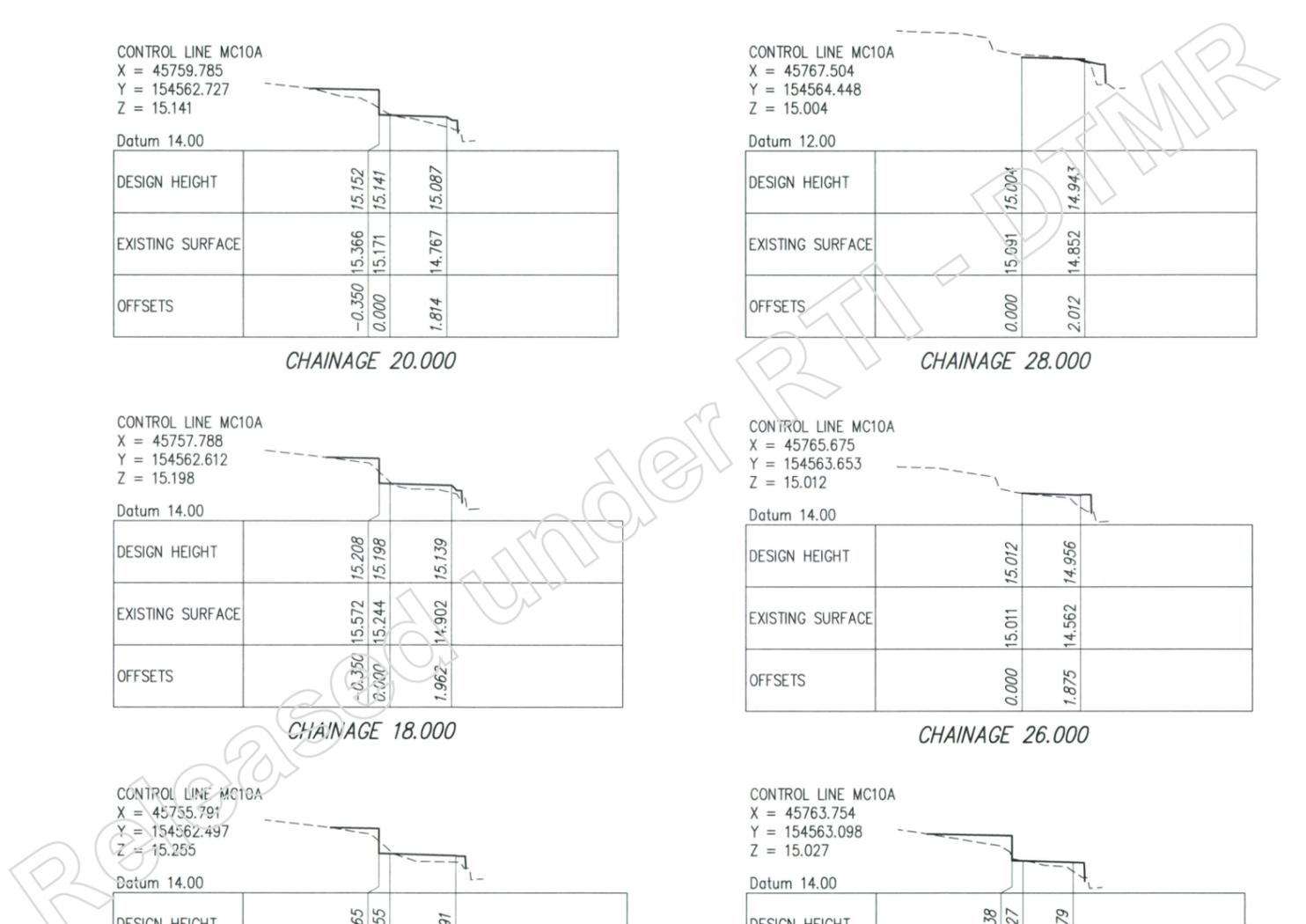
CHAINAGE 24.000

CONTROL LINE MC10A
X = 45771.094
Y = 154566.211
Z = 14.986

Datum 12.00

DESIGN HEIGHT		14.986	14.925
EXISTING SURFACE		15.161	15.036
OFFSETS		0.000	2.045

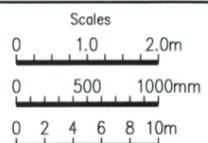
CHAINAGE 32.000



Last Modified: 19-Apr-2019 5:09pm XREFS: - nr QMR_BOXES_XSECT1.dwg

G				
F				
E				
D				
C				
B	As-Constructed			
A	Issued For Construction			
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042



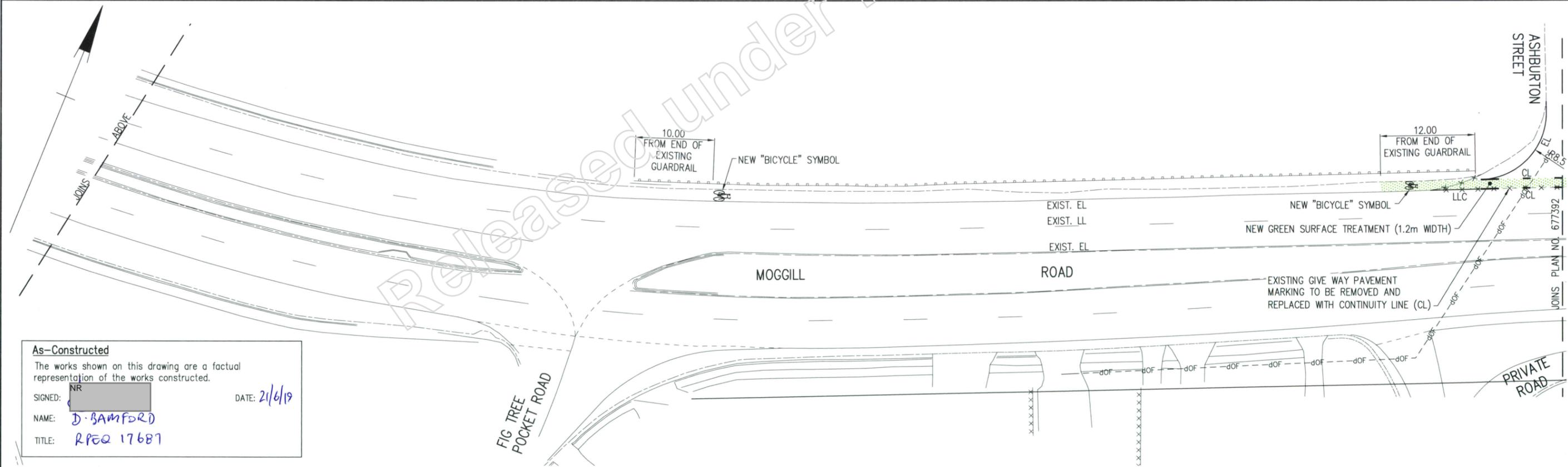
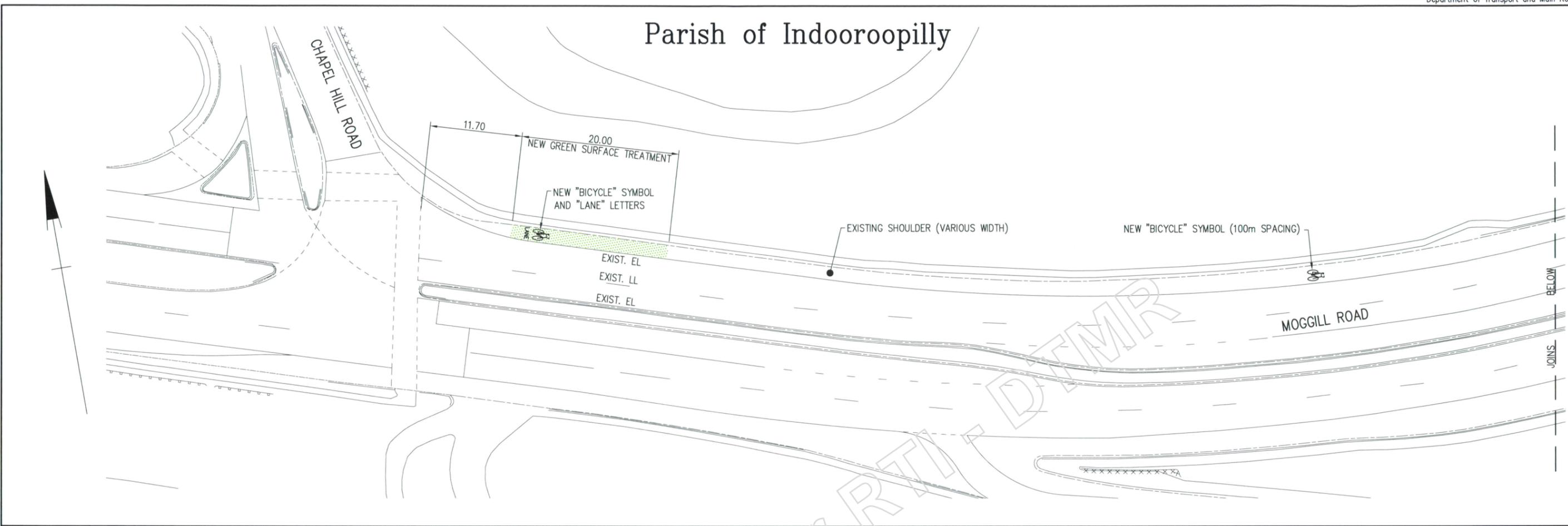
BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (kps)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

CROSS SECTIONS CONTROL LINE MC10A				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Dao				

Job No.	201/U96/401
Contract No.	METD-3277
Drawing No.	677390 B
Series Number	17 of 28

This data has been provided for general information only. It is not to be used for any purpose other than that for which it was provided. The Department of Transport and Main Roads does not accept any liability for any loss or damage arising from the use of this data.

Parish of Indooroopilly



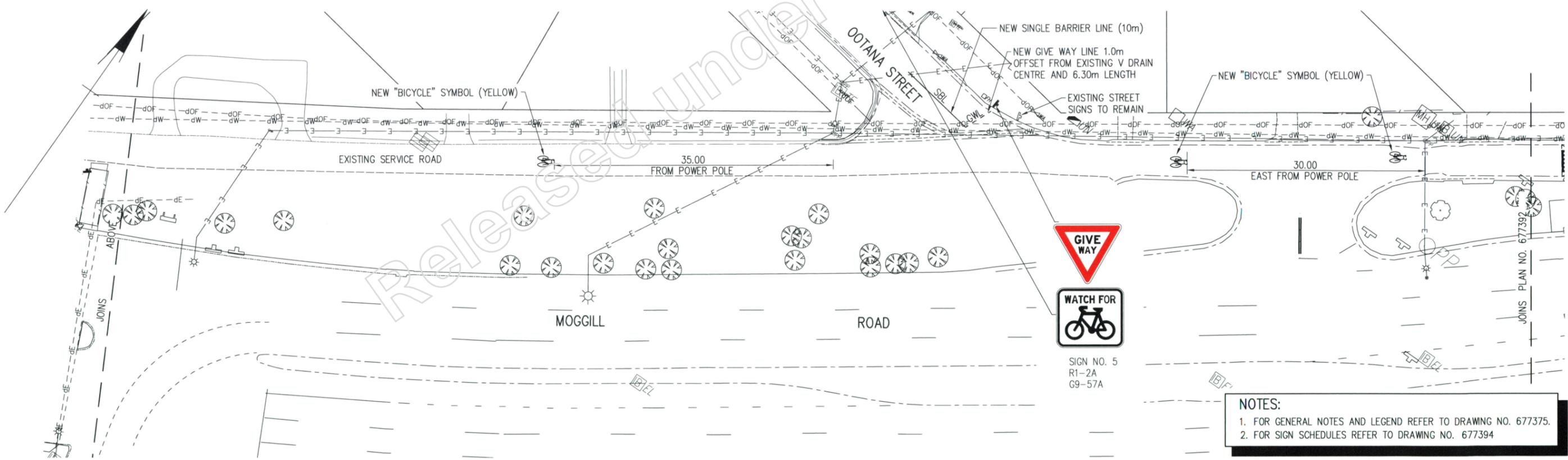
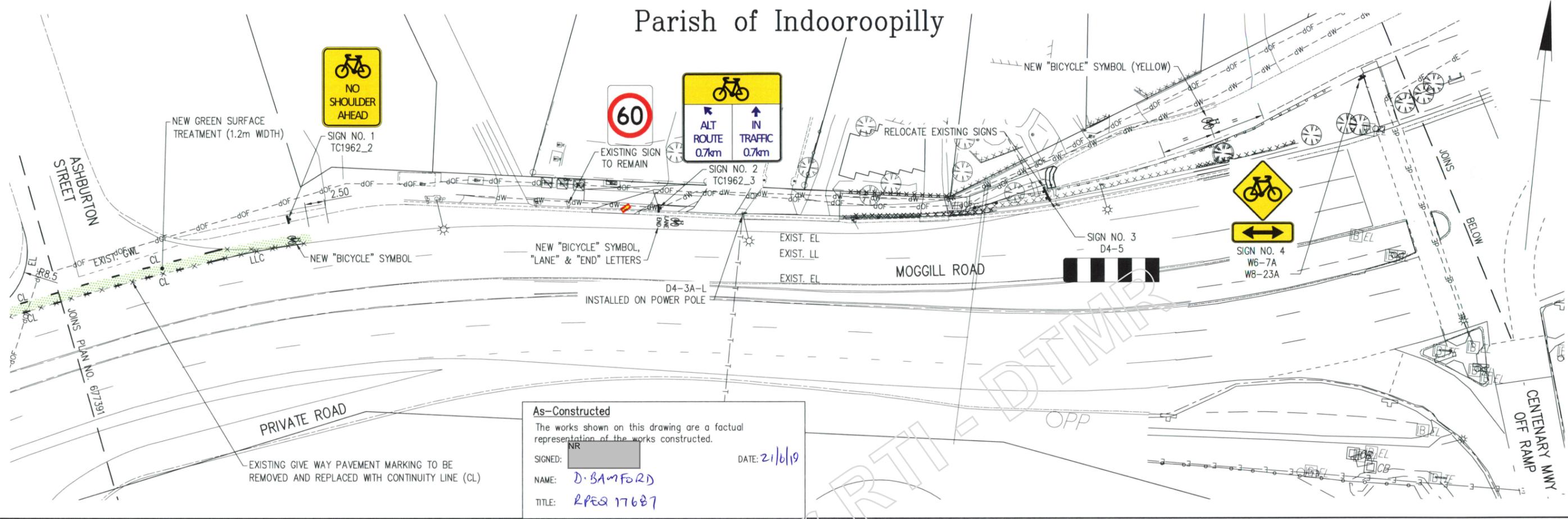
As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.

SIGNED: [Signature] DATE: 21/6/19
 NAME: D. BAMFORD
 TITLE: RPEQ 17687

G F E D C B A	Associated Job Nos	Survey Data	Scales 0 2 4 6 8 10m	BRISBANE CITY				SIGNS AND PAVEMENT MARKINGS				<p>Job No. 201/U96/401 Contract No. METD-3277 Drawing No. 677391 B Series Number 18 of 28</p>		
	Auxiliary Drg Nos	Datum BCSG02 Horiz. Grid BCSG02 Height Origin GDA94 Survey Books MR85781 & MR100042		U96 MOGGILL SUB-ARTERIAL ROAD				SHEET 1 OF 5						
As-Constructed		Dimensions shown in metres except where shown otherwise		CTL CHGE				ENGINEERING CERTIFICATION (RPEQ)						
Issued For Construction				Preceding RP U96/1	Dist. to start of job (km) 0.21	From start to end of job 1.09	From end to Following RP 0.5	Following RP U96/2	Drawn Tony Dao	ENG. AREA Civil	NAME Steven Tu	SIGNATURE Original Signed	NO. 13358	DATE 12/02/16
Revisions/Descriptions				Through Chainage from				Tony Dao Designed Tony Dao				Steven Tu Original Signed 13358 12/02/16		

Last Modified: 19 Apr 07, 2019 - 5:09pm
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Parish of Indooroopilly



NOTES:

- FOR GENERAL NOTES AND LEGEND REFER TO DRAWING NO. 677375.
- FOR SIGN SCHEDULES REFER TO DRAWING NO. 677394

Last Modified: 22 Apr 2019 6:49pm
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G			
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E			
D			
C			
B	As-Constructed	NR	21/6/19
A	Issued For Construction		
Revisions/Descriptions		Certification	Date
CAD FILES : P:\GTS DRAFTING PROJECTS\1811-02 Moggill Sub-Arterial Rd\Cad\Plans\outocad redlined\201_U96_401 CONSTRUCTION - Redlined\677391-395 SIGNS AND PAVEMENT MARKINGS.dwg			

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
	Height Origin GDA94
	Survey Books MR85781 & MR100042
Dimensions shown in metres except where shown otherwise	

BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

SIGNS AND PAVEMENT MARKINGS SHEET 2 OF 5				
Drawn	ENGINEERING CERTIFICATION (RPEQ)			
Tony Dao	ENG. AREA	NAME	SIGNATURE	NO. DATE
Designed	Civil	Steven Tu	Original Signed	13358 12/02/16
Tony Dao				

Queensland Government

Job No. 201/U96/401

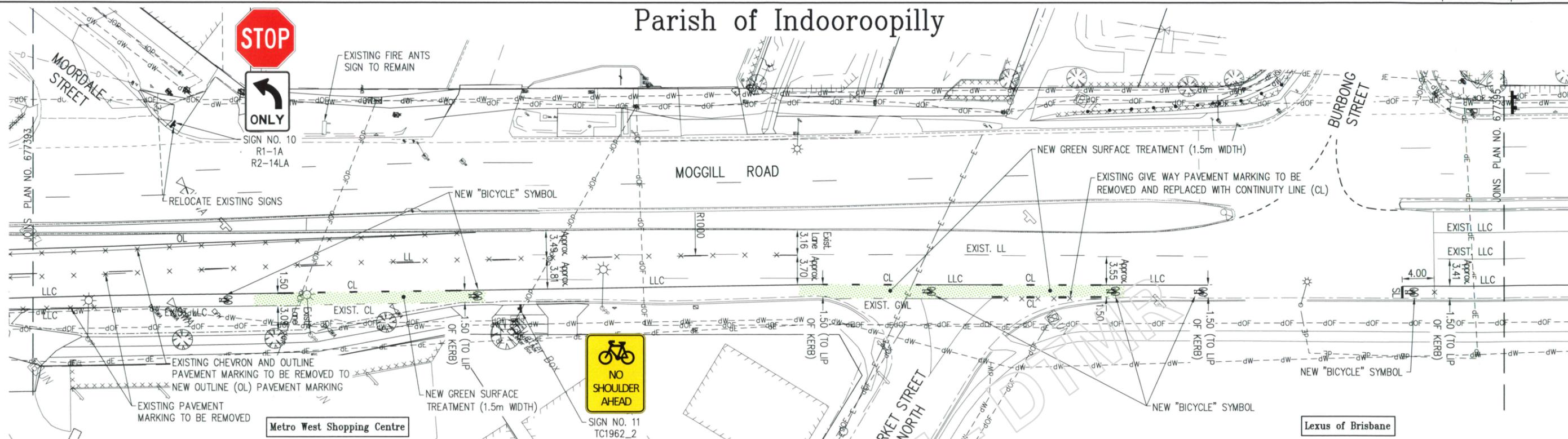
Contract No. METD-3277

Drawing No. 677392 B

Series Number 19 of 28

MRR-Detail (02/14)

Parish of Indooroopilly



SIGN SCHEDULE

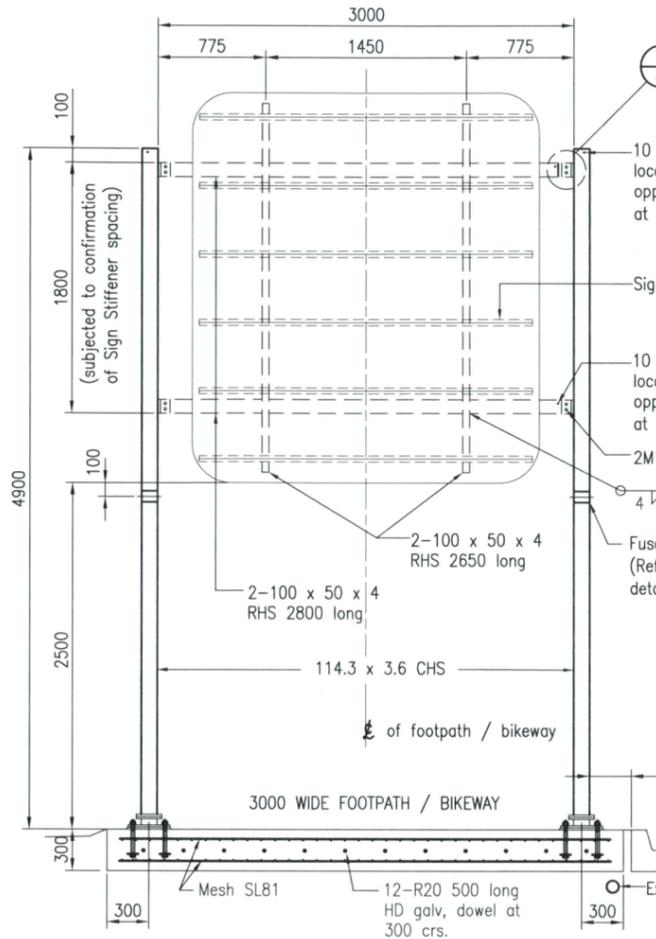
SIGN NO.	SIGN TYPE	ACTION	SIGN DETAILS			SIGN STIFFENERS DETAILS				SUPPORT DETAILS						FOOTING DETAILS						
			WIDTH	HEIGHT	"VERTICAL CLEARANCE"	TYPE	NO. OF	SPACING	"NO. OF BRACKETS"	TYPE	SIZE	W. THICK	GRADE	NUMBER	SPACING	POST LENGTH*			"BASE TYPE"	"STUB LENGTH"	"DIAMETER OF FOOTING"	"DEPTH OF CONC."
1	CYCLIST WARNING SIGN	ERECT NEW SIGN	300	400	2100					CHS	50 NB	2.9	C350	1							300	450
2	CYCLIST WARNING SIGN	ERECT NEW SIGN	500	450	2100					CHS	50 NB	2.9	C350	1							300	450
3	OBSTRUCTION MARKER	RELOCATION OF EXISTING SIGN	1800	400	1500					CHS	50 NB	2.9	C350	1							300	450
4	BICYCLES	ERECT NEW SIGN	600	600	1700					CHS	50 NB	2.9	C350	1							300	450
	CROSSING ARROWS	ATTACHED UNDER W6-7A	600	200	1500																	
5	GIVE WAY	ERECT NEW SIGN	750	2300						CHS	50 NB	2.9	C350	1							300	450
	WATCH FOR BICYCLES	ATTACHED UNDER R1-2A	900	800	1500																	
6	GIVE WAY	ERECT NEW SIGN	750	2300						CHS	50 NB	2.9	C350	1							300	450
	WATCH FOR BICYCLES	ATTACHED UNDER R1-2A	900	800	1500																	
7	STREET SIGNS	RELOCATION OF EXISTING SIGNS (SAME ARRANGEMENT AS EXISTING)			2700																	
	GIVE WAY		750	1950						CHS	50 NB	2.9	C350	1							300	450
	NO RIGHT TURN		450	1500																		
8	BICYCLES	ERECT NEW SIGN	600	600	1700					CHS	50 NB	2.9	C350	1							300	450
	CROSSING ARROWS	ATTACHED UNDER W6-7A	600	200	1500																	
9	CYCLIST WARNING SIGN	ERECT NEW SIGN	500	450	2100					CHS	50 NB	2.9	C350	1							300	450
10	STOP SIGN	RELOCATION OF EXISTING SIGNS (SAME ARRANGEMENT OF EXISTING)	600	600	2300					CHS	50 NB	2.9	C350	1							300	450
	LEFT TURN ONLY		600	800	1500																	
11	CYCLIST WARNING SIGN	ERECT NEW SIGN	300	400	2100					CHS	50 NB	2.9	C350	1							300	450
12*	PROHIBITED ON MOTORWAY (EX. SIGN FACE)	ERECT NEW SIGN ON NEW POST (CANTILEVER)	1200	1400	2500	1	4	450	4	CHS	100 NB	3.6	C350	1					4917	SLIP BASE	1125	450 1200
13*	ADVANCE DIRECTION SIGN (EX. SIGN FACE)	ERECT EXISTING SIGN FACE FROM STORAGE ON NEW POSTS	2500	2800	2500	1	6	450	12	CHS	100 NB	3.6	C350	2	3000	4900	4900		SLIP BASE	1425	450 1500	

As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.
 SIGNED: [Signature] DATE: 21/6/19
 NAME: D. BAMFORD
 TITLE: RPEQ 17687

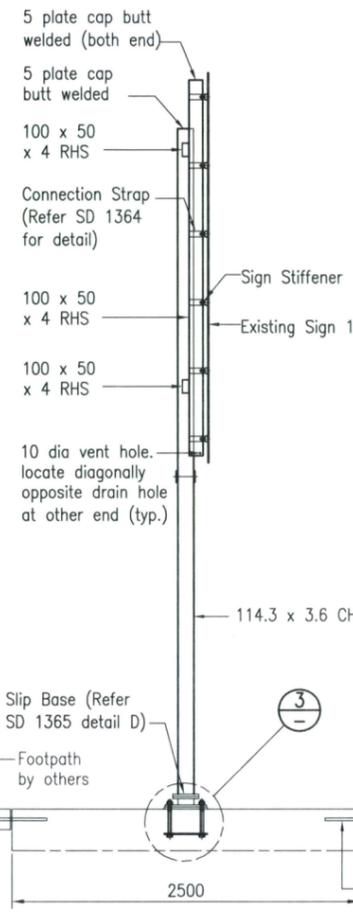
* FOR SIGN 12 & 13 ALSO REFER TO DRG NO. 677396 'SIGN STRUCTURAL DESIGN'

G	Associated Job Nos	Survey Data		Scales	BRISBANE CITY				SIGNS AND PAVEMENT MARKINGS				Queensland Government					
		Datum	BCSG02		U96 MOGGILL SUB-ARTERIAL ROAD				SHEET 4 OF 5									
F	Auxiliary Drg Nos	Horiz. Grid	BCSG02	0 2 4 6 8 10m	CTL CHGE				ENGINEERING CERTIFICATION (RPEQ)				Job No.	201/U96/401				
E		Height Origin	GDA94		Reference Points				Civil				Contract No.	MEID-3277				
D	Revisions/Descriptions	Survey Books	MR85781 & MR100042	Dimensions shown in metres except where shown otherwise	Preceding RP	Dist. to start (m)	From start to end of job (m)	From end to Following RP	Following RP	Drawn	Tony Dao	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Series Number	21 of 28
C		A Issued For Construction	MR100042		U96/1	0.21	1.09	0.5	U96/2	Designed	Tony Dao	Civil	Steven Tu	Original Signed	13358	12/02/16	Drawing No.	677394 B

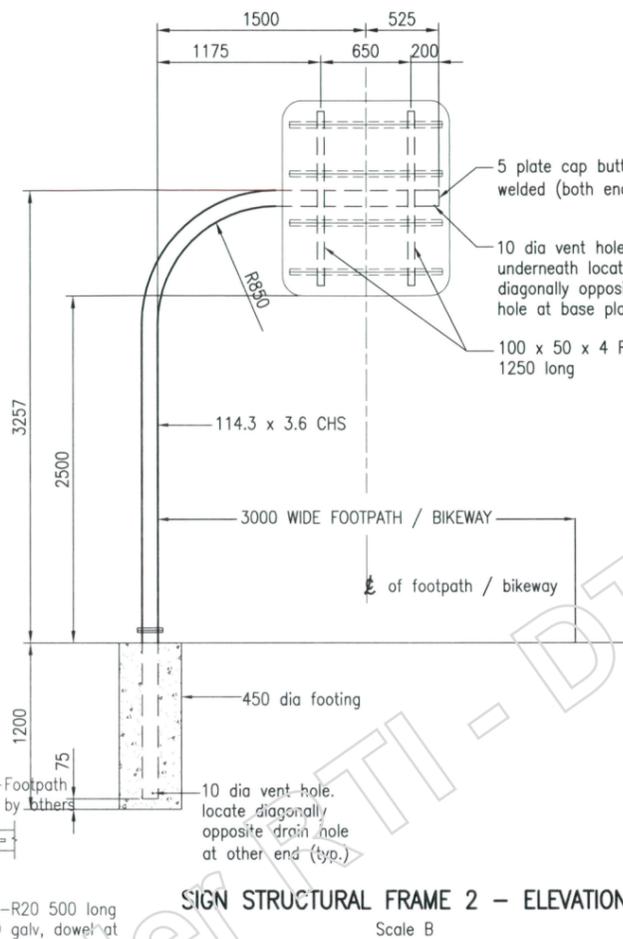
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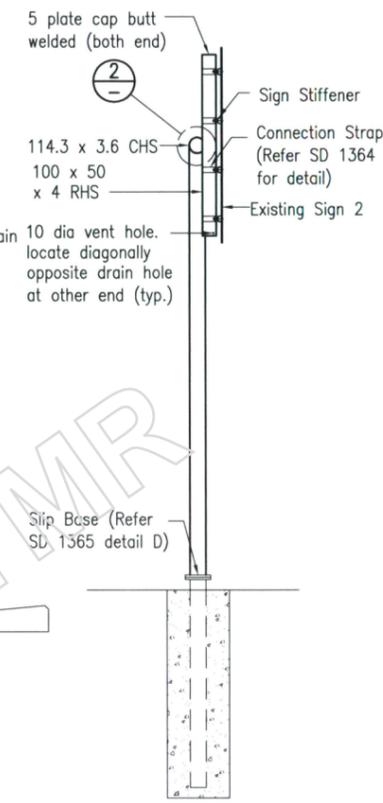
SIGN STRUCTURAL FRAME 1 - ELEVATION
Scale B



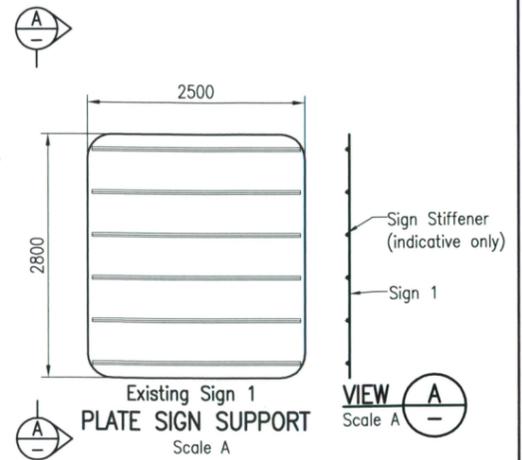
END VIEW
Scale B



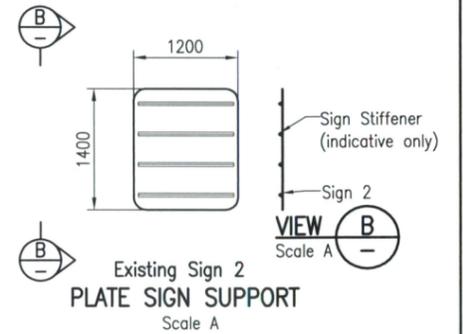
SIGN STRUCTURAL FRAME 2 - ELEVATION
Scale B



END VIEW
Scale B



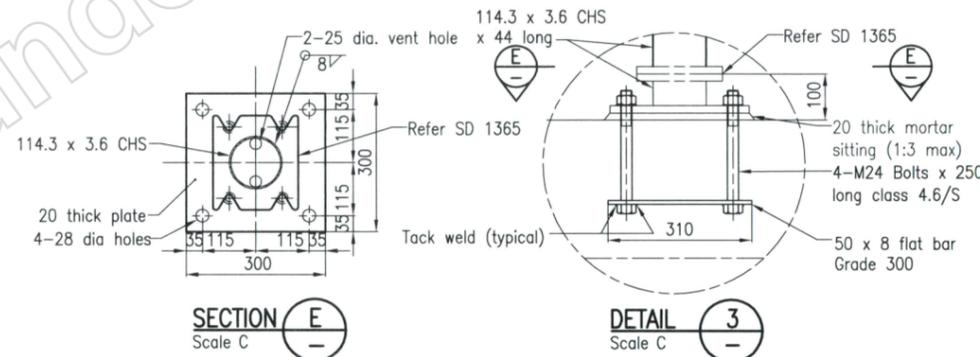
Existing Sign 1
SCALE A
VIEW A
Scale A



Existing Sign 2
SCALE A
VIEW B
Scale A

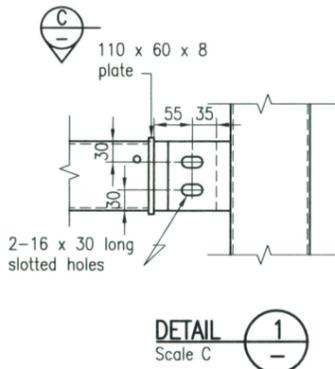
As-Constructed
The works shown on this drawing are a factual representation of the works constructed.
SIGNED: [Signature] DATE: 21/6/19
NAME: J. SAMFORD
TITLE: RPEQ 17687

Wind Region: Region B
Exposed Terrain: No
Risk Category: High Impact Risk
Warning: Existing services to be confirmed prior to commencing work

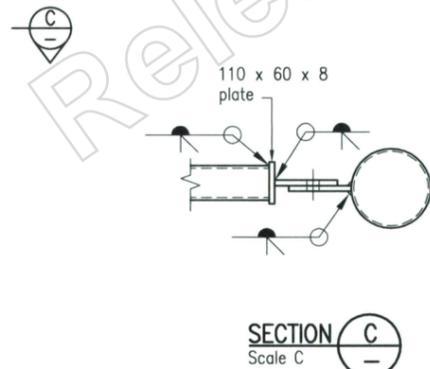


SECTION E
Scale C

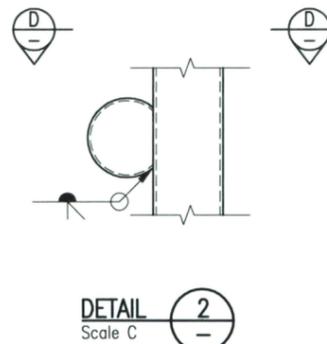
DETAIL 3
Scale C



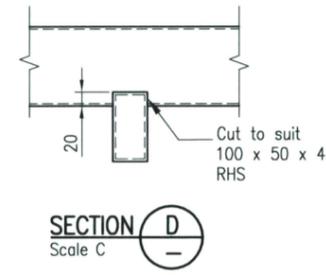
DETAIL 1
Scale C



SECTION C
Scale C



DETAIL 2
Scale C



SECTION D
Scale C

NOTES

- CONCRETE to be in accordance with MRTS70 Concrete. Concrete to be S40/20. Exposure classification B2.
- CHS and RHS to AS/NZS 1163. CHS & RHS to be Grade 350 to AS/NZS 3678. Plates to be Grade 350 to AS/NZS 3678. Welding symbols confirm to AS 1101.3. All welds, except location tack welds, to be SP category For Structural Steel: All welding to conform to AS/NZS 1554.1. Welding consumables for RHS and SHS to be controlled hydrogen type: G493 or T493. Welding consumables to be controlled hydrogen type: G493 to AS/NZS ISO 14341-B or T493 to AS/NZS ISO 17632-B unless shown otherwise.
- Steel work to be fabricated to the requirements of MRS.11.78. "Fabrication of Structural Steelwork" Members to be branded with appropriate mark after fabrication.
- Contact surfaces between aluminum and galvanized steel components shall be insulated with separator tape or fibre washers.
- Bolts class 8.8, nut class 8 and washers for class 8.8 bolts to AS/NzS 1252. Thin nuts Class 5 to AS 1112.4. All bolts and nuts to be hot dip galvanized to AS 1214 and washers to be hot dip galvanized to AS/NZS 4680 unless shown otherwise. Prior to galvanizing, all weld splatter and welding slag is to be removed.
- Fabrication company to provide drawing to confirm all dimensions.

Last Modified: 19-Mar-2019 4:32pm XREFS: Z:\TITLEBLOCK RevB.DWG

G				
F				
E				
D	As Constructed	NR	21/6/19	
C	As Clouded	G lic	19/09/16	
B	Update Contract Number	G lic	12/01/16	
A	Issued For Construction			
	Revisions/Descriptions	Certification	Date	Microfiled

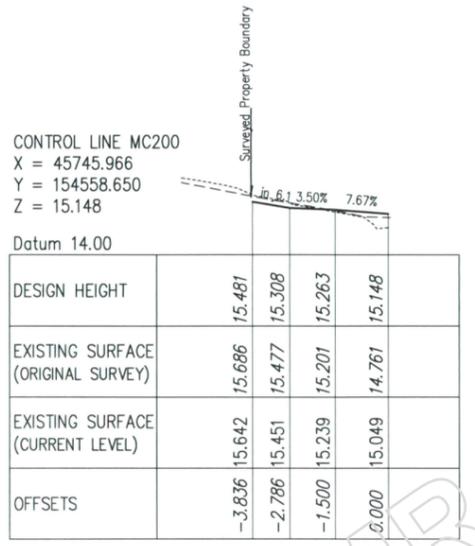
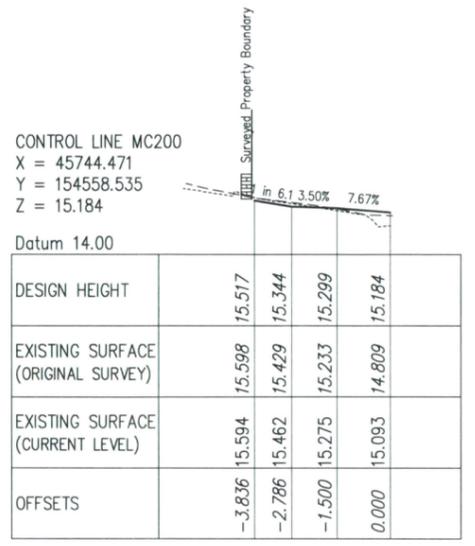
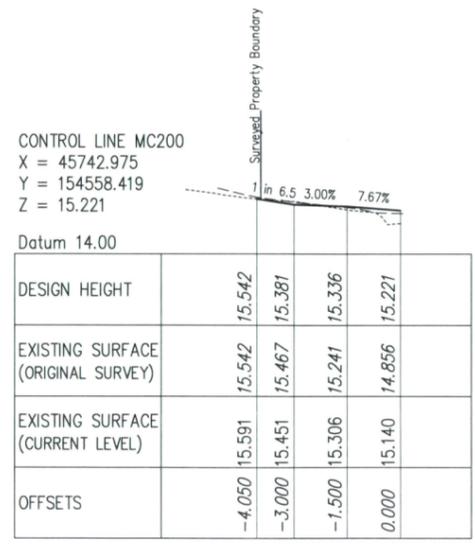
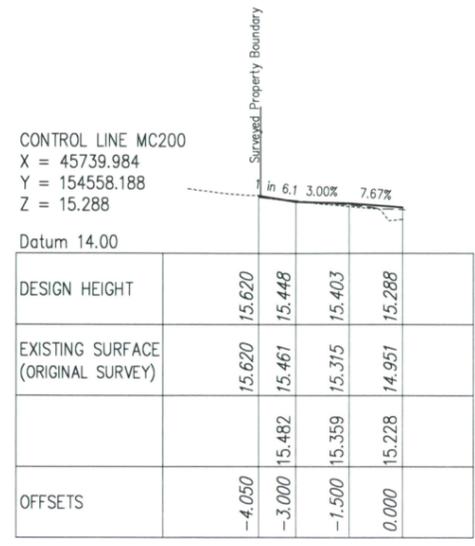
Associated Job Nos	Survey Data
Datum	BCSG02
Auxiliary Drg Nos	Horiz. Grid: BCSG02
	Height Origin: GDA94
	Survey Books: MR85781 & MRT00042

Scales	
A	0 1000 2000mm
B	0 500 1000mm
C	0 100 200mm
Dimensions shown in metres except where shown otherwise	

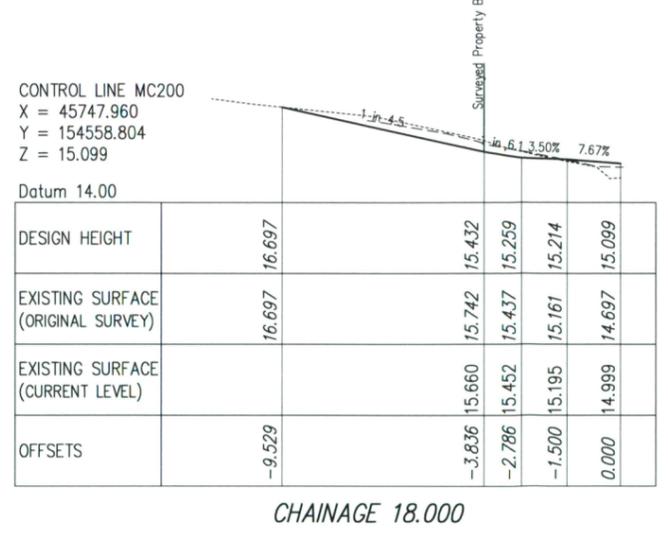
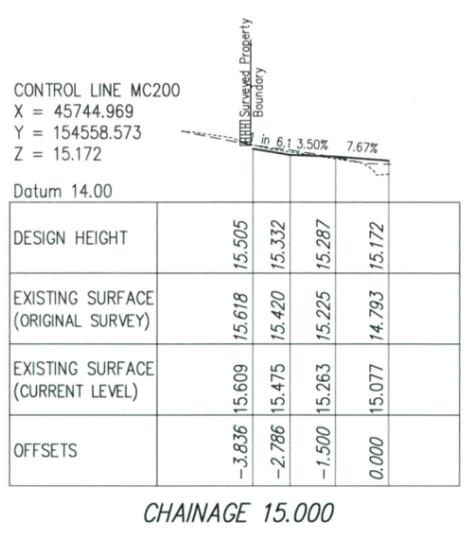
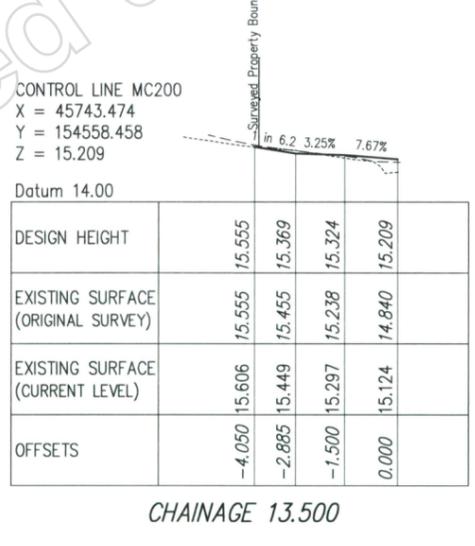
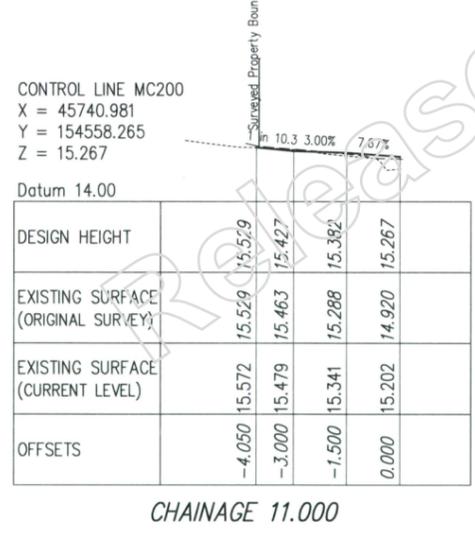
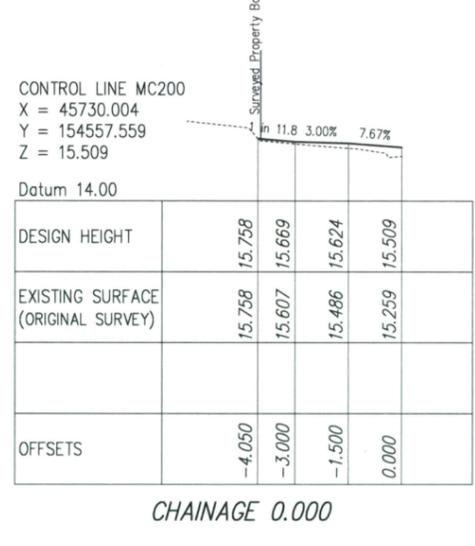
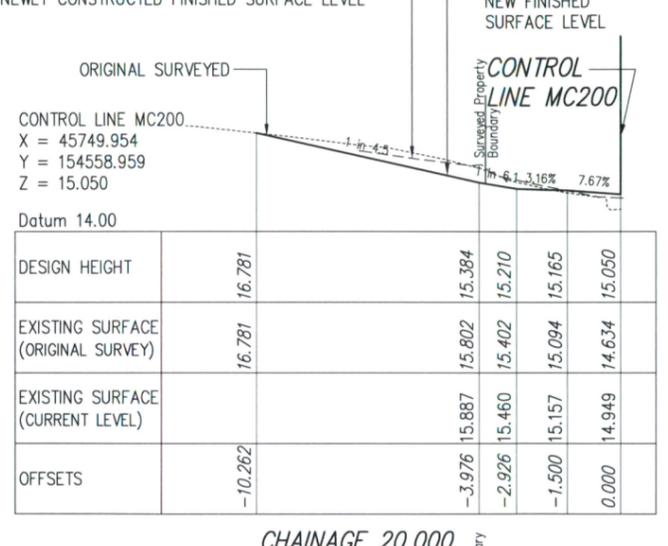
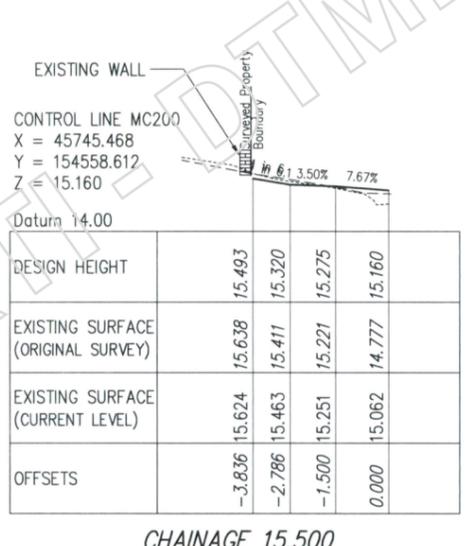
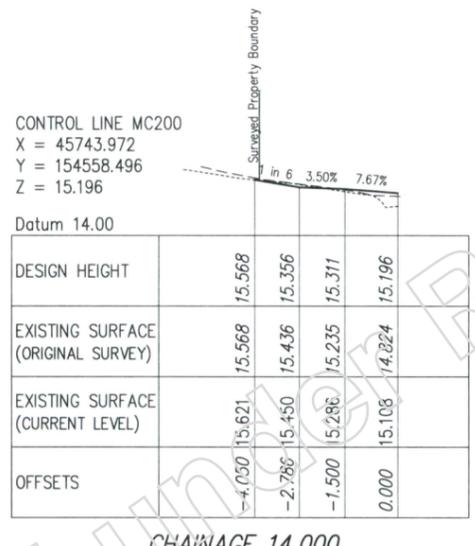
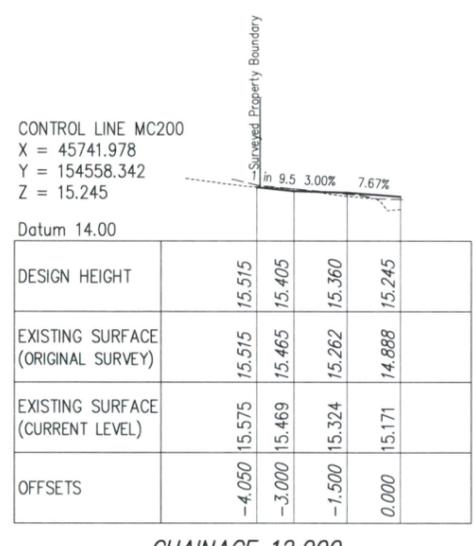
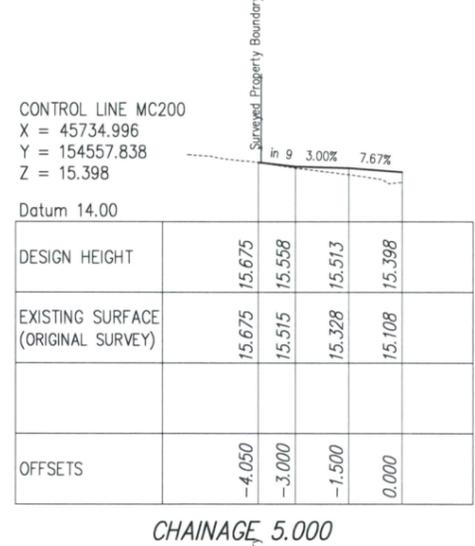
BRISBANE CITY	
U96 MOGGILL SUB-ARTERIAL ROAD	
Reference Points	
Preceding RP	Dist. to start of job (km)
U96/1	0.21
Following RP	From start to end of job
U96/2	1.08
	From end to Following RP
	0.5

ENGINEERING CERTIFICATION (RPEQ)	
Drawn	R Chen
Designed	R Chen
ENG. AREA	Structural
NAME	T. Giufre
SIGNATURE	T. Giufre
NO.	6572
DATE	30/11/15
Job No.	201/U96/401
Contract No.	MTD-3277
Drawing No.	677396 D
Series Number	23 of 23
	MRR Detail (02/14)

XREFS: -- x: survey SCALE 1 IN 50.dwg ; x: services.dwg ; x: MC200 1 section 160916.dwg ; x: MC200 1MR_BOXES_XSECT_CROSS-101.dwg ; MC10A_LS_footpath 1710161.dwg ; MC10A_LS_RW 1710161.dwg ; x: MC10A with TABLE 171016.dwg
 Last Modified: -- Apr 07, 2019 -- 5:10pm
 CAD FILES: P:\GTS DRAFTING PROJECTS\1811-02 Moggill Sub-Arterial Rd\Cad\Plans\outocad redlined\201_U96_401 CONSTRUCTION - Redlined\695488-491 DRIVEWAY REDESIGN SEPT 16 Rev B.dwg



As-Constructed
 The works shown on this drawing are a factual representation of the works constructed.
 SIGNED: [Signature] DATE: 21/6/19
 NAME: D. BAMFORD
 TITLE: RPEQ 17687



G				
F				
E				
D				
C	As-Constructed			21/6/19
B	MC10A (Long Sect) & MC200 (Cross Fall) Revised	Original Signed		17/10/16
A	Issued For Construction			
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos	Survey Data
	Datum BCSG02
Auxiliary Drg Nos	Horiz. Grid BCSG02
677374 -	Height Origin GDA94
677396	Survey Books MR85781 & MR100042
695477	

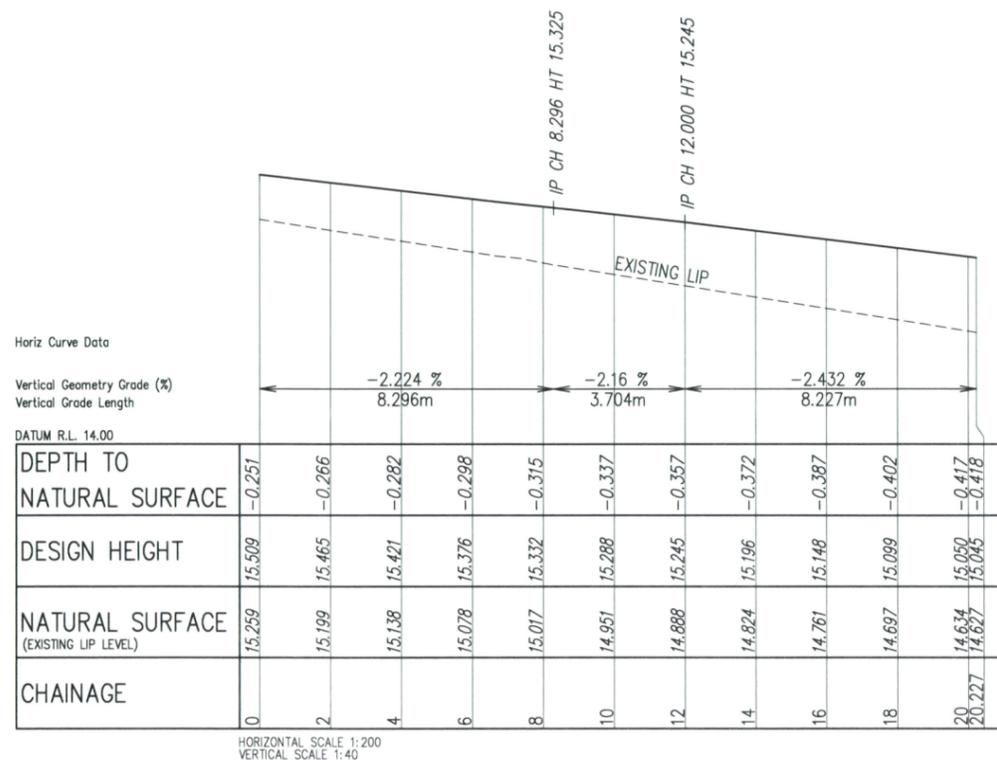
Dimensions shown in metres except where shown otherwise

BRISBANE CITY				
U96 MOGGILL SUB-ARTERIAL ROAD				
CTL CHGE				
Reference Points				
Preceding RP	Dist. to start of job (m)	From start to end of job (m)	From end to Following RP	Following RP
U96/1	0.21	1.09	0.5	U96/2
Through Chainage from				

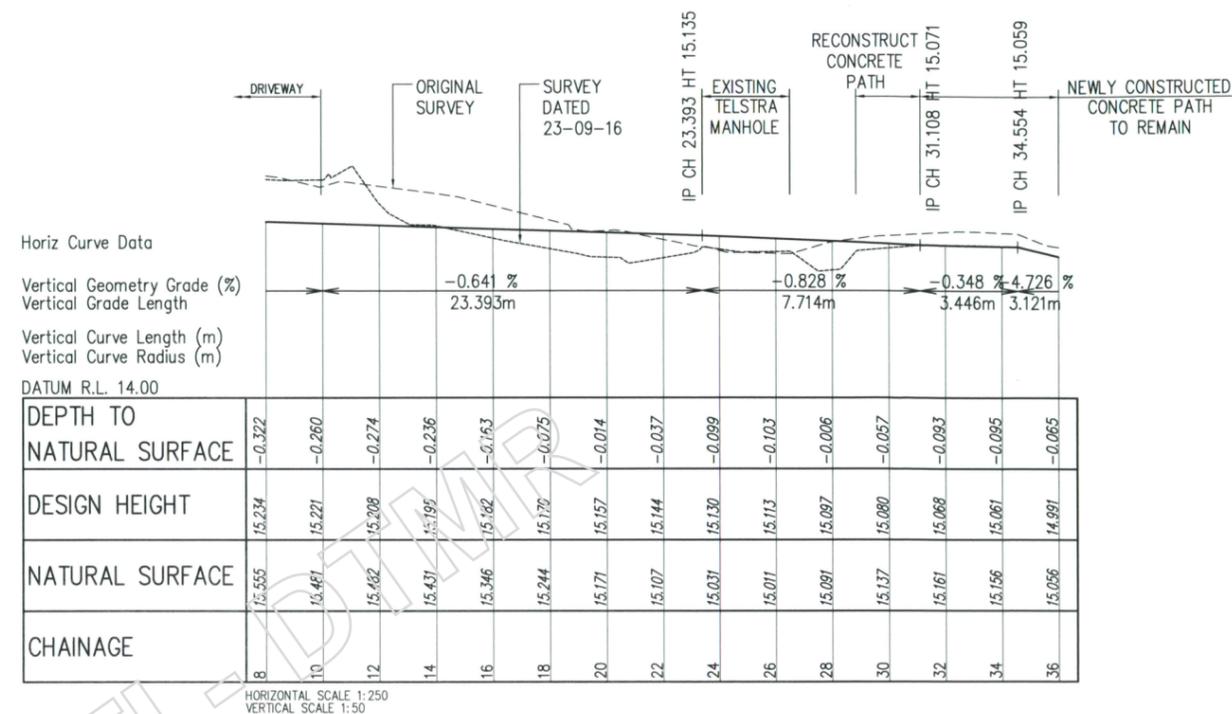
CROSS SECTION MC200				
ENGINEERING CERTIFICATION (RPEQ)				
Drawn	ENG. AREA	NAME	SIGNATURE	NO. DATE
Tony Dao	Civil	Steven Tu	Original Signed	13358 26/10/16
Designed	Tony Dao			

Queensland Government	
Job No.	201/U96/401
Contract No.	MEID-3277
Drawing No.	695490
Series Number	27 of 28

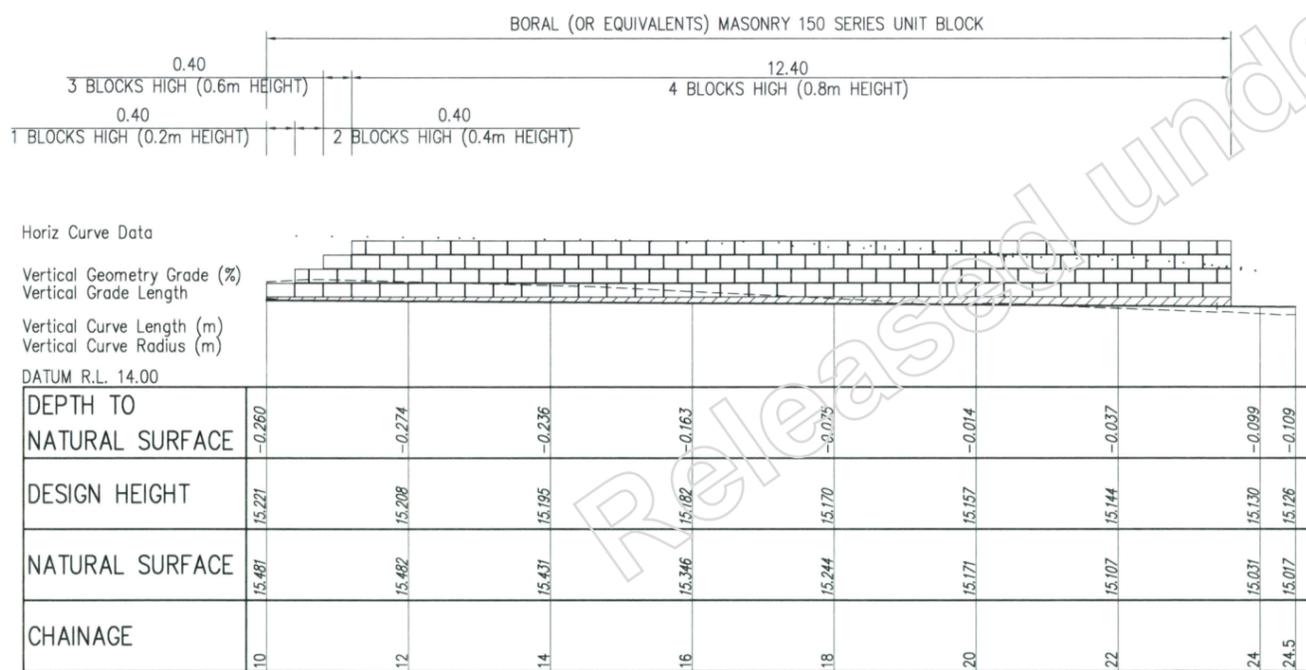
Apr 07, 2019 - 5:10pm XREFS :- sr survey SCALE: 1 IN 50.dwg : sr services.dwg : xl MC200 1.90916.dwg : xl MC200 1 section 160916.dwg : MC200 1MR_BOXES_XSECT CH0-101.dwg : MC10A LS footprint 1710161.dwg : XS MC10A 1710161.dwg : xr MC10A with TABLE 171016.dwg



LONGITUDINAL SECTION MC200



LONGITUDINAL SECTION MC10A



LONGITUDINAL SECTION MC10A

As-Constructed
The works shown on this drawing are a factual representation of the works constructed.

SIGNED:  DATE: 2/6/19

NAME: D. BAMFORD

TITLE: RPEQ 17687

G	Associated Job Nos	Survey Data		Scales	BRISBANE CITY	LONGITUDINAL SECTIONS MC10A CONTROL LINE	ENGINEERING CERTIFICATION (RPEQ)	Queensland Government
		Datum	BCSG02					
F	Auxiliary Drg Nos	Horiz. Grid	BCSG02	0 0.5 1.0m	U96 MOGGILL SUB-ARTERIAL ROAD	CONCRETE PATH AND RETAINING WALL	Job No.	201/U96/401
E		677374 - 677396	Height	GN194	0 1 2 3 4m	Reference Points	Drawn	Contract No.
D	As-Constructed		NR		2/6/19		201/U96/401	