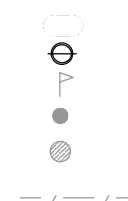
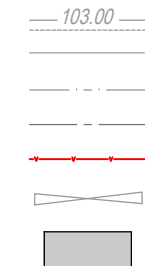


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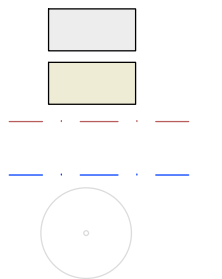
- EXISTING TELSTRA PIT
- EXISTING POWER POLE
- EXISTING SIGN
- EXISTING GUIDE POST
- EXISTING MAIL BOX
- FENCE



- CONTOUR LINE
- EDGE OF BITUMEN
- EDGE OF GRAVEL ROAD
- ROAD CENTRELINE
- ELECTRICAL LINE
- GATE
- PAVEMENT TYPE S1

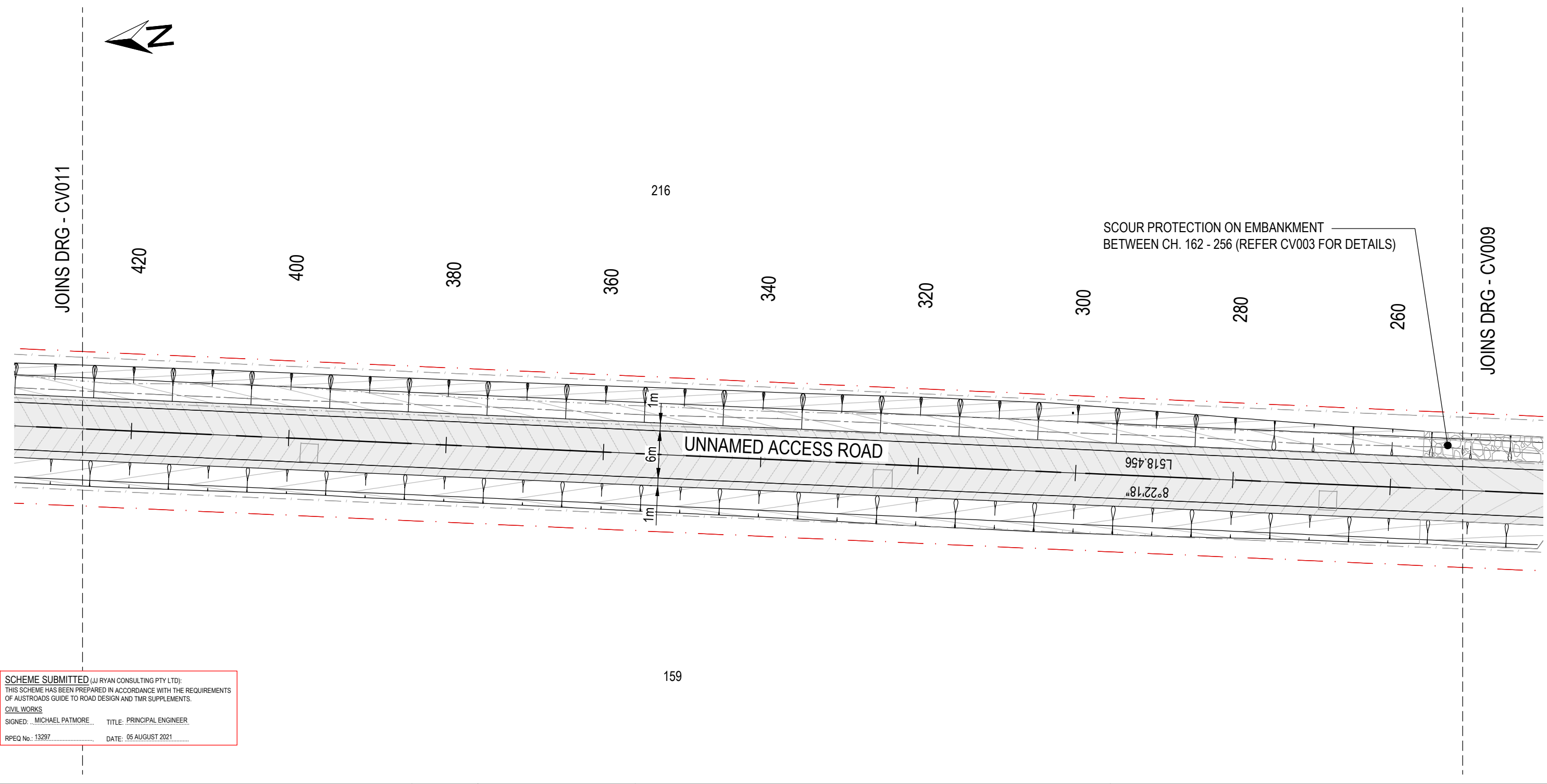


- PAVEMENT TYPE A1
- UNSEALED VERGE
- LOT BOUNDARY
- PROPERTY ACQUISITION LINE
- EXISTING TREE



JOINS DRG - CV011

JOINS DRG - CV009



SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
 THIS SCHEME HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF AUSTRROADS GUIDE TO ROAD DESIGN AND TMR SUPPLEMENTS.
CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

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EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION
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x:\site_block_03	1	13.04.21	CONSTRUCTION ISSUE
x:\site_block_03	2	25.05.21	CONSTRUCTION ISSUE

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CIVIL	09 August 2021	14:16:02	

DV#	APPROVAL	TITLE	NAME
N/A	MP	DRAFTER	S. SHAHMARDANI
N/A	MP	DRAFTING CHECK	M. MARTIN
N/A	MP	DESIGNER	A. KIANFAR
		DESIGN CHECK	D. ROSBOROUGH
		DESIGN MANAGER	M. PATMORE
		PROJECT MANAGER	E. LAM

PRINCIPAL

DESIGNER

SCALES AT A3 SIZE DRAWING

SCALE 1:500

CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D.

GYMPIE REGIONAL COUNCIL

WOOLLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1
 DEVELOPMENT APPLICATION NO. 2020-1577
 SITE LAYOUT PLAN
 SHEET 6 OF 7

CLIENT PROJECT / DRAWING No.	ISSUE STATUS	JJR PROJECT / DRAWING No.	ISSUE
	CONSTRUCTION	JJR-1200312A-CV010	2

LEGEND:

- EXISTING TELSTRA PIT
- EXISTING POWER POLE
- EXISTING SIGN
- EXISTING GUIDE POST
- EXISTING MAIL BOX
- FENCE

- EXISTING TELSTRA PIT
- EXISTING POWER POLE
- EXISTING SIGN
- EXISTING GUIDE POST
- EXISTING MAIL BOX
- FENCE

- CONTOUR LINE
- EDGE OF BITUMEN
- EDGE OF GRAVEL ROAD
- ROAD CENTRELINE
- ELECTRICAL LINE
- GATE
- PAVEMENT TYPE S1

- CONTOUR LINE
- EDGE OF BITUMEN
- EDGE OF GRAVEL ROAD
- ROAD CENTRELINE
- ELECTRICAL LINE
- GATE
- PAVEMENT TYPE S1

- PAVEMENT TYPE A1
- UNSEALED VERGE
- LOT BOUNDARY
- PROPERTY ACQUISITION LINE
- EXISTING TREE

- PAVEMENT TYPE A1
- UNSEALED VERGE
- LOT BOUNDARY
- PROPERTY ACQUISITION LINE
- EXISTING TREE



DRAWING FILE LOCATION NAME
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SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
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CIVIL WORKS
SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION
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CIVIL	09 August 2021	14:16:18	

DRAFTER	NAME
S. SHAHMARDANI	
DRAFTING CHECK	NAME
M.MARTIN	
DESIGNER	NAME
A. KIANFAR	
DESIGN CHECK	NAME
D.ROSBOROUGH	
DESIGN MANAGER	NAME
M. PATMORE	
PROJECT MANAGER	NAME
E. LAM	

PRINCIPAL

DESIGNER

SCALES AT A3 SIZE DRAWING

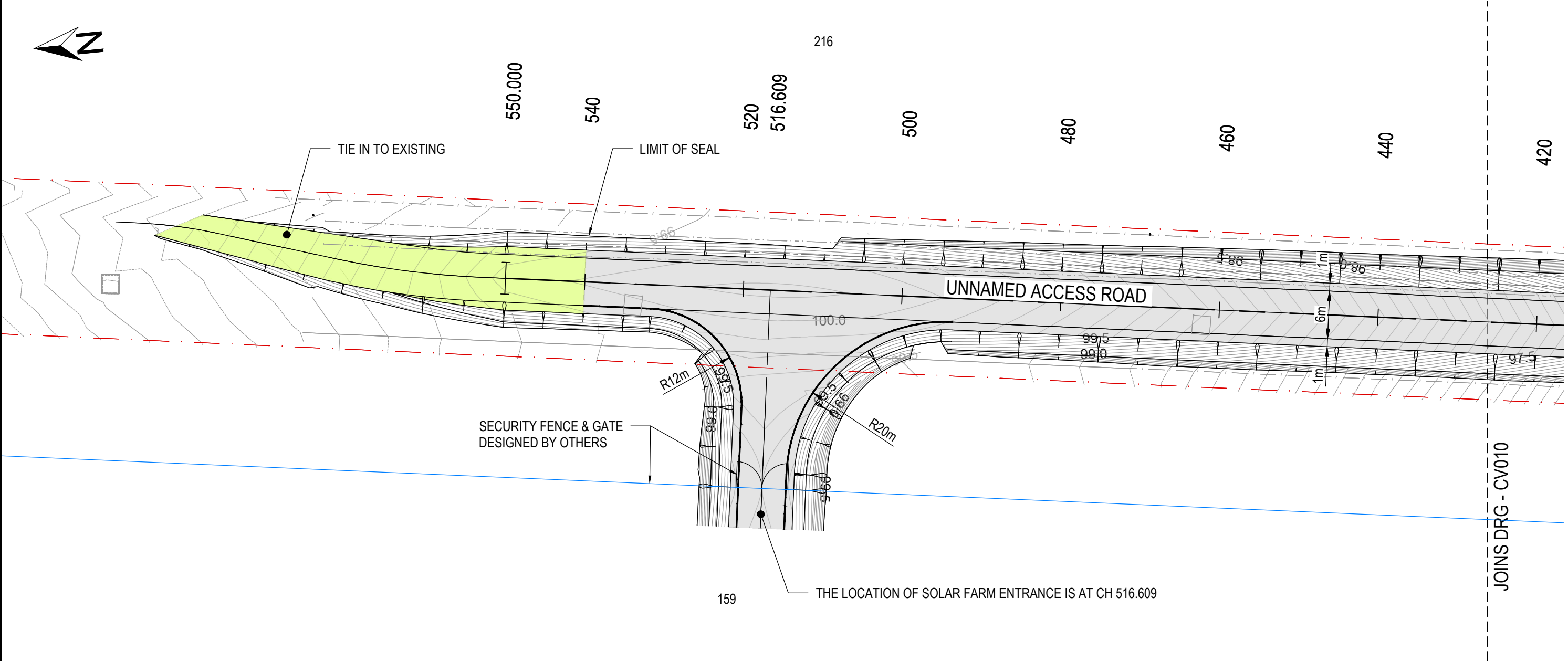
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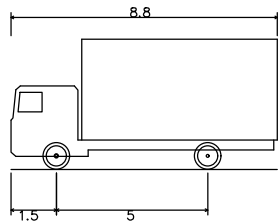
CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D.

GYMPIE REGIONAL COUNCIL

WOOLLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1
DEVELOPMENT APPLICATION NO. 2020-1577
SITE LAYOUT PLAN
SHEET 7 OF 7

CLIENT PROJECT / DRAWING No: JJR-1200312A-CV011
ISSUE STATUS: CONSTRUCTION
ISSUE: 1

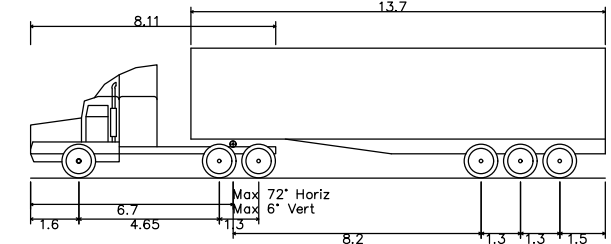




Service Vehicle (8.8 m)
 Overall Length 8.800m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.427m
 Track Width 2.500m
 Lock-to-lock time 4.00s
 Curb to Curb Turning Radius 12.500m

TURNAROUND DESIGN VEHICLE PROFILE

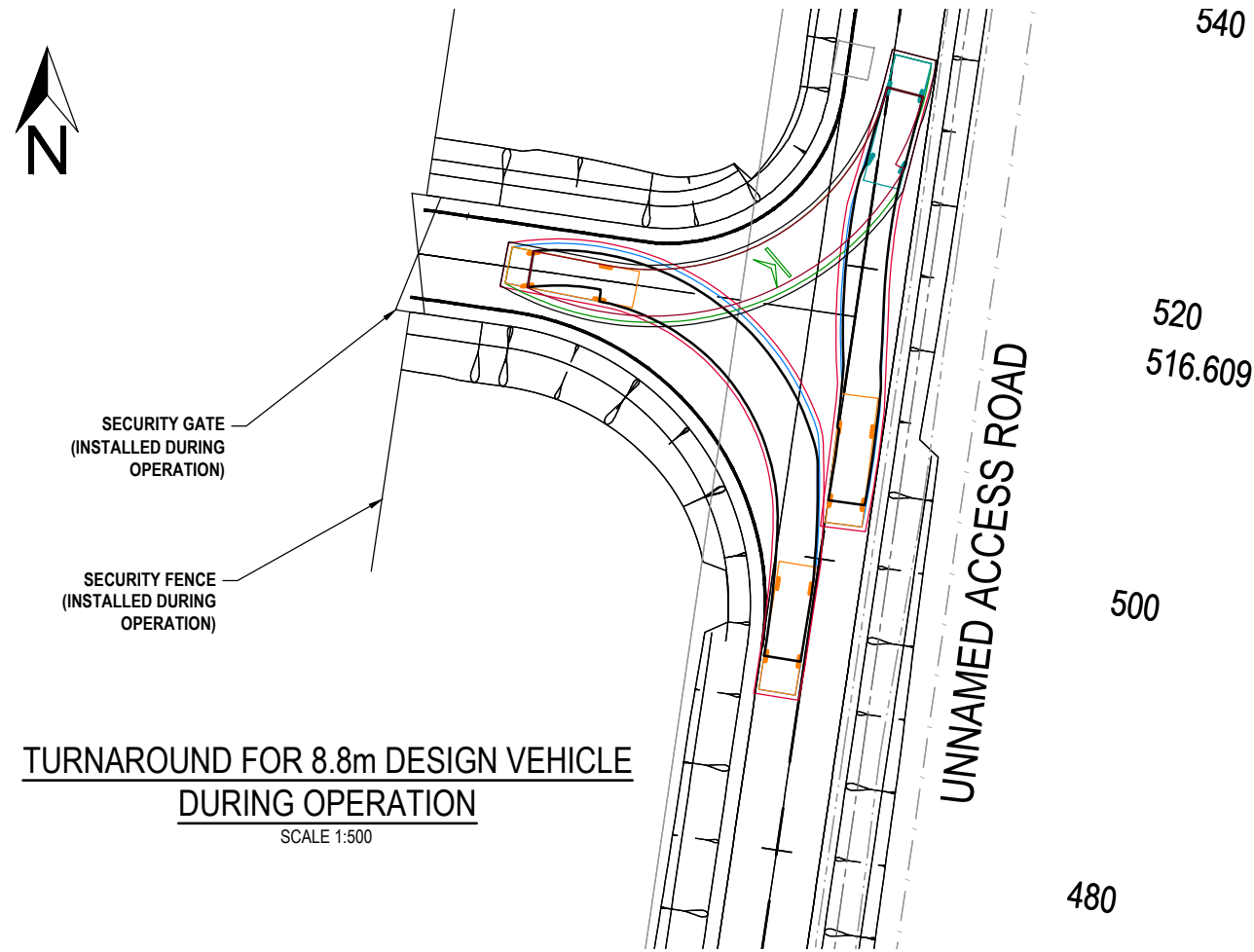
SCALE 1:250



Prime mover and semi-trailer (19 m)
 Overall Length 19.000m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.540m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m

SOLAR FARM ENTRANCE DESIGN VEHICLE PROFILE

SCALE 1:250



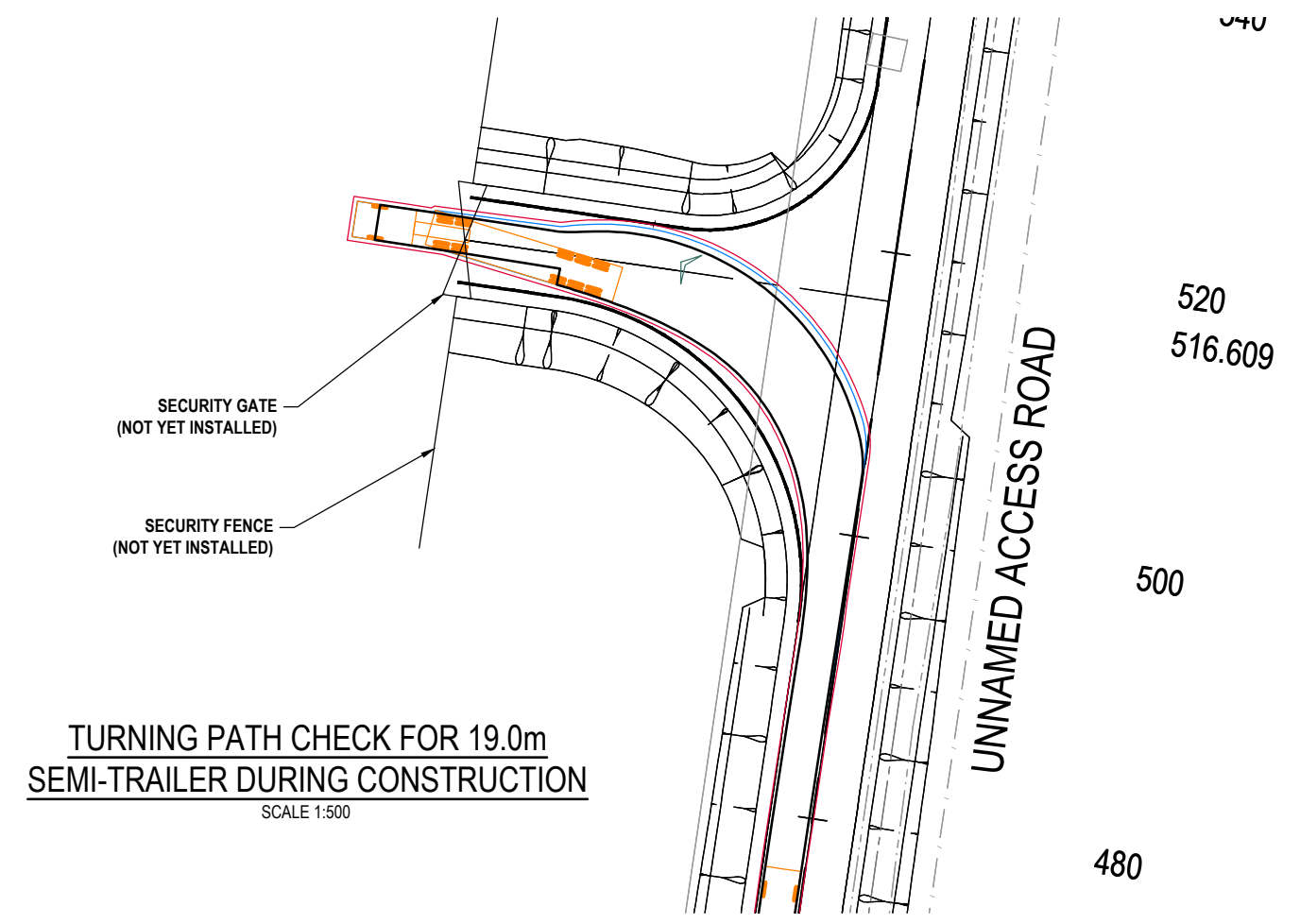
TURNAROUND FOR 8.8m DESIGN VEHICLE DURING OPERATION

SCALE 1:500

LEGEND:

- VEHICLE BODY OUTLINE —
- VEHICLE CHASSIS —
- VEHICLE CLEARANCE (500 mm) —
- VEHICLE —

SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
 THIS SCHEME HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF AUSTRROADS GUIDE TO ROAD DESIGN AND TMR SUPPLEMENTS.
CIVIL WORKS
 SIGNED: ...MICHAEL PATMORE... TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

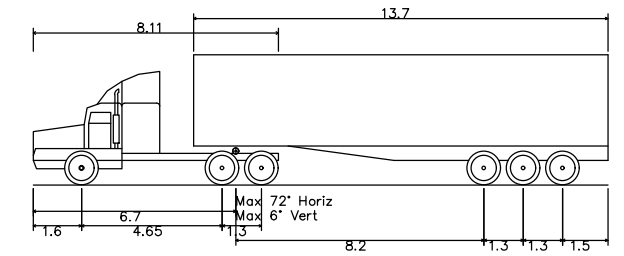


TURNING PATH CHECK FOR 19.0m SEMI-TRAILER DURING CONSTRUCTION

SCALE 1:500

100 mm ON ORIGINAL
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 DRAWING FILE LOCATION NAME
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EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	DESIGN LOT CODE	PLLOT DATE	TIME	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL	
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		1	25.05.21	CONSTRUCTION ISSUE	N/A			lightsourcebp 	JJ RYAN CONSULTING PTY LTD 	
					DRAFTING CHECK	M.MARTIN		SCALES AT A3 SIZE DRAWING		
					DESIGNER	A. KIANFAR		CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D.		
					DESIGN CHECK	D.ROSBOROUGH		CLIENT PROJECT / DRAWING No JJR-1200312A-CV012		
					DESIGN MANAGER	M. PATMORE		ISSUE STATUS CONSTRUCTION		
					PROJECT MANAGER	E. LAM		JJR PROJECT / DRAWING No JJR-1200312A-CV012		
								ISSUE 1		



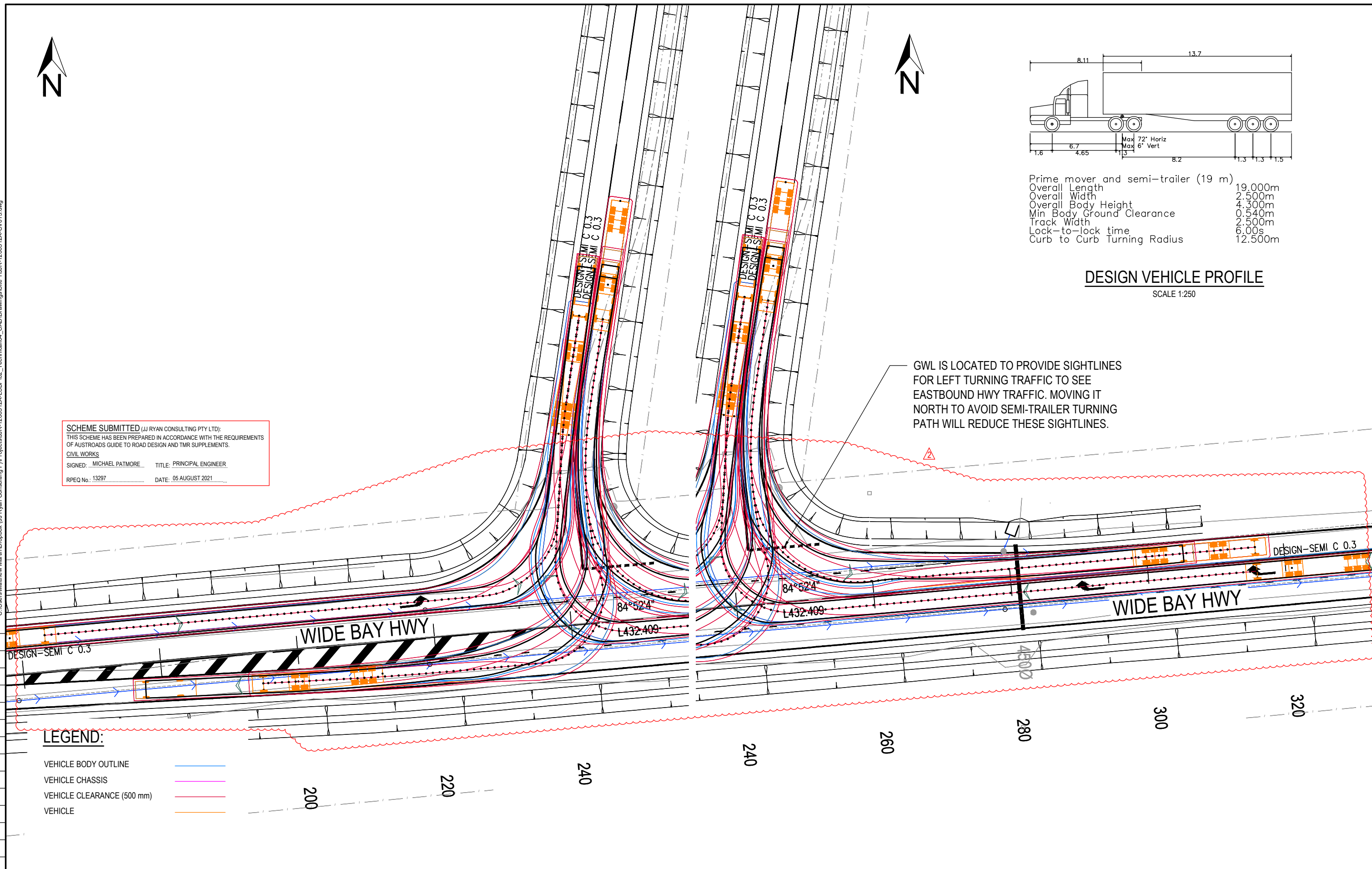
Prime mover and semi-trailer (19 m)
 Overall Length 19.000m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.540m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m

DESIGN VEHICLE PROFILE

SCALE 1:250

SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
 THIS SCHEME HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No: 13297 DATE: 05 AUGUST 2021

GWL IS LOCATED TO PROVIDE SIGHTLINES
 FOR LEFT TURNING TRAFFIC TO SEE
 EASTBOUND HWY TRAFFIC. MOVING IT
 NORTH TO AVOID SEMI-TRAILER TURNING
 PATH WILL REDUCE THESE SIGHTLINES.



LEGEND:

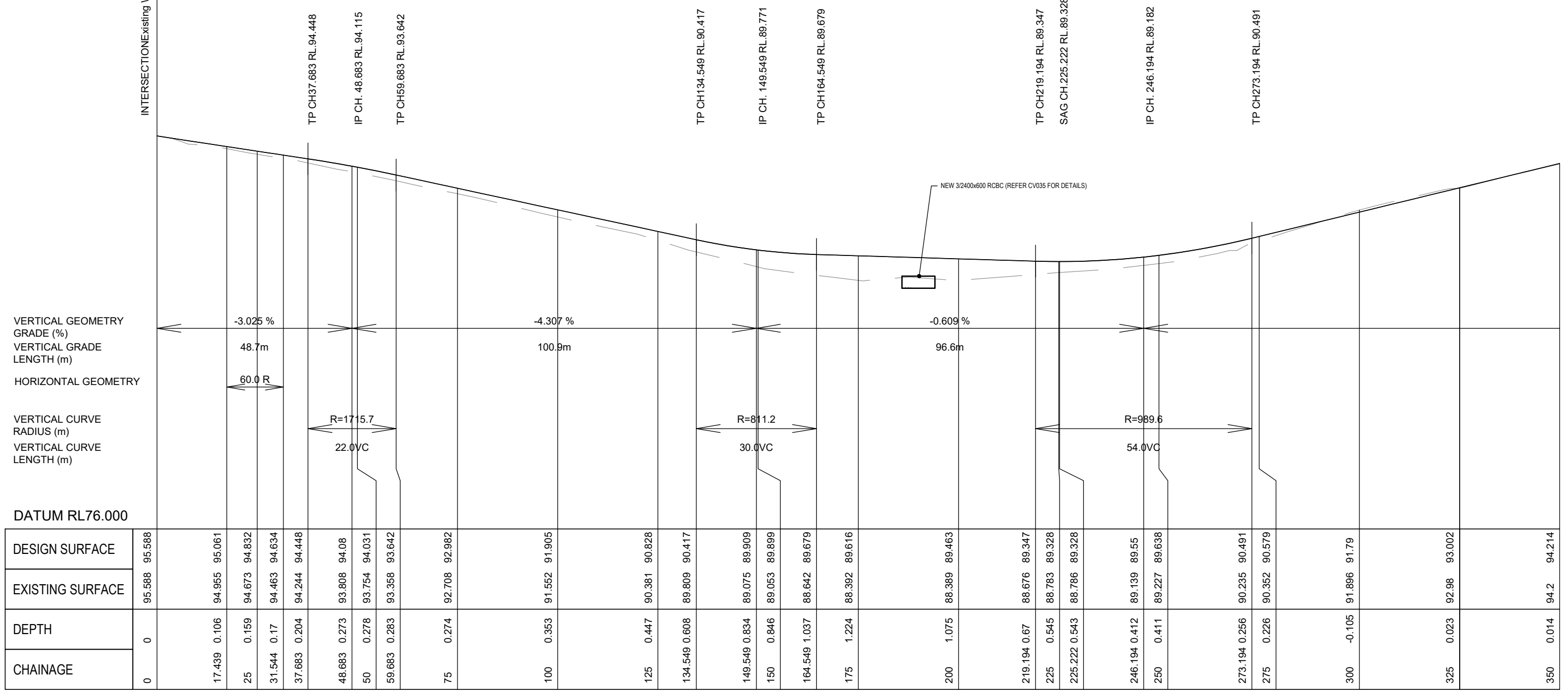
- VEHICLE BODY OUTLINE —
- VEHICLE CHASSIS —
- VEHICLE CLEARANCE (500 mm) —
- VEHICLE —

100 mm ON ORIGINAL
 THIS SHEET MAY BE PREPARED USING COLOUR AND MAY BE INCOMPLETE IF COPIED
 DRAWING FILE LOCATION NAME
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		1	14.05.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTING CHECK M.MARTIN	DESIGNER JJ RYAN CONSULTING PTY LTD	DEVELOPMENT APPLICATION NO. 2020-1577	
		2	25.05.21	CONSTRUCTION ISSUE	N/A	MP	DESIGNER A. KIANFAR	SCALES AT A3 SIZE DRAWING SCALE 1:500	VEHICLE TURNING PATH	
							DESIGN CHECK D.ROSBOROUGH	CO-ORDINATE SYSTEM: MGA 2020 ZONE 56	SHEET 2 OF 2	
							DESIGN MANAGER M. PATMORE	HEIGHT DATUM: A.H.D.	CLIENT PROJECT / DRAWING No	
							PROJECT MANAGER E. LAM	ISSUE STATUS CONSTRUCTION	JJR PROJECT / DRAWING No JJR-1200312A-CV013	
									ISSUE 2	

SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No: 13297 DATE: 05 AUGUST 2021

INTERSECTION Existing Wide Bay Hwy

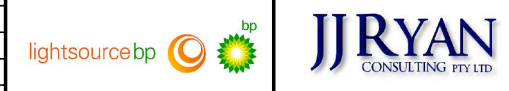


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37.683	0.204	94.244	94.244	0.204	37.683
48.683	0.273	93.808	93.808	0.273	48.683
50	0.278	93.754	93.754	0.278	50
59.683	0.283	93.358	93.358	0.283	59.683
75	0.274	92.708	92.708	0.274	75
100	0.353	91.552	91.552	0.353	100
125	0.447	90.381	90.381	0.447	125
134.549	0.608	89.809	89.809	0.608	134.549
149.549	0.834	89.075	89.075	0.834	149.549
150	0.846	89.053	89.053	0.846	150
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175	1.224	88.392	88.392	1.224	175
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LONGITUDINAL SECTION - ACCESS RD
 SCALE: VERT 1:200 HORZ 1:1000

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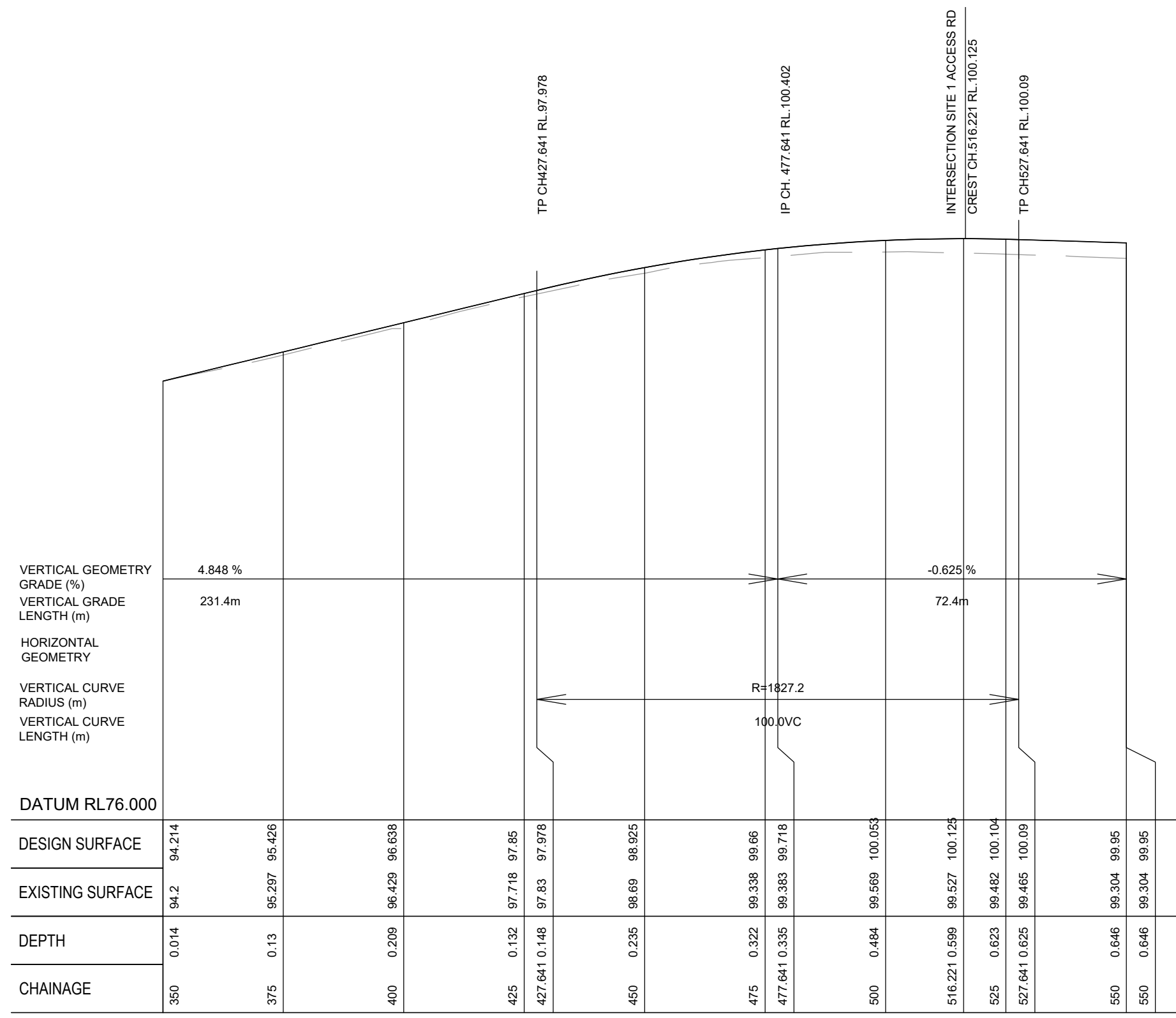
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					N/A	MP	DRAFTER	A. KIANFAR	DEVELOPMENT APPLICATION NO. 2020-1577	
							DRAFTING CHECK	M. MARTIN	LONGITUDINAL SECTION ACCESS ROAD	
							DESIGNER	A. KIANFAR	SHEET 1 OF 2	
							DESIGN CHECK	D. ROSBOROUGH	CLIENT PROJECT / DRAWING No	
							DESIGN MANAGER	M. PATMORE	ISSUE STATUS	JJR PROJECT / DRAWING No
							PROJECT MANAGER	E. LAM	CONSTRUCTION	JJR-1200312A-CV014
									ISSUE	0



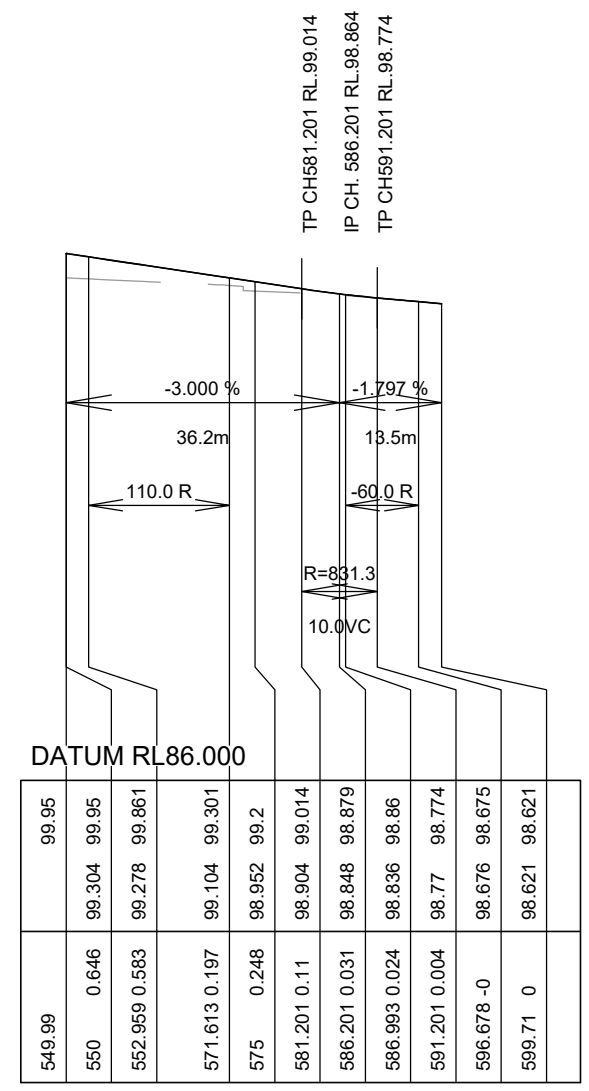
CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D. CLIENT PROJECT / DRAWING No: JJR-1200312A-CV014 ISSUE STATUS: CONSTRUCTION ISSUE: 0

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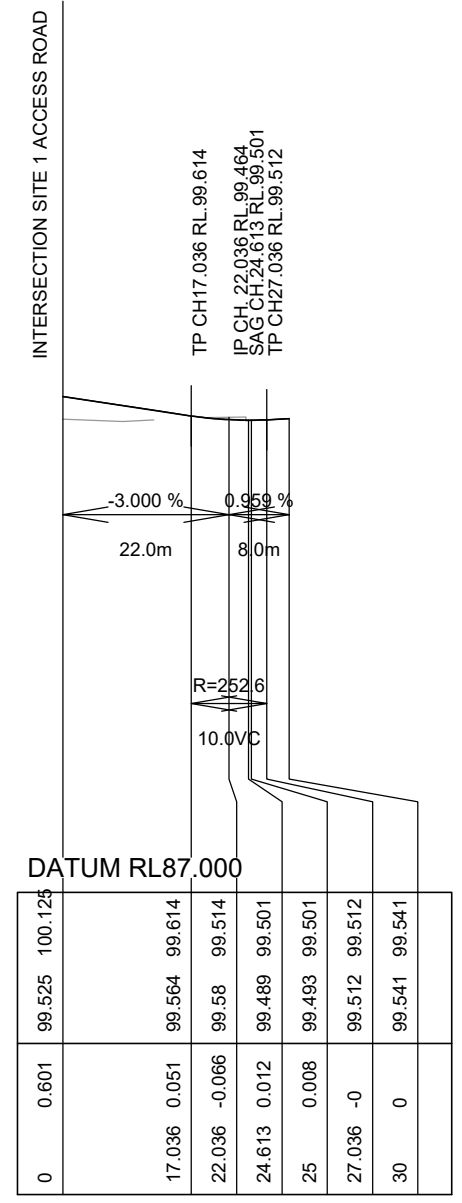
SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
 THIS SCHEME HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS
 OF AUSTRROADS GUIDE TO ROAD DESIGN AND TMR SUPPLEMENTS.
CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021



LONGITUDINAL SECTION - ACCESS RD
SCALE: VERT 1:200 HORZ 1:1000






LONGITUDINAL SECTION - ACCESS RD END
SCALE: VERT 1:200 HORZ 1:1000



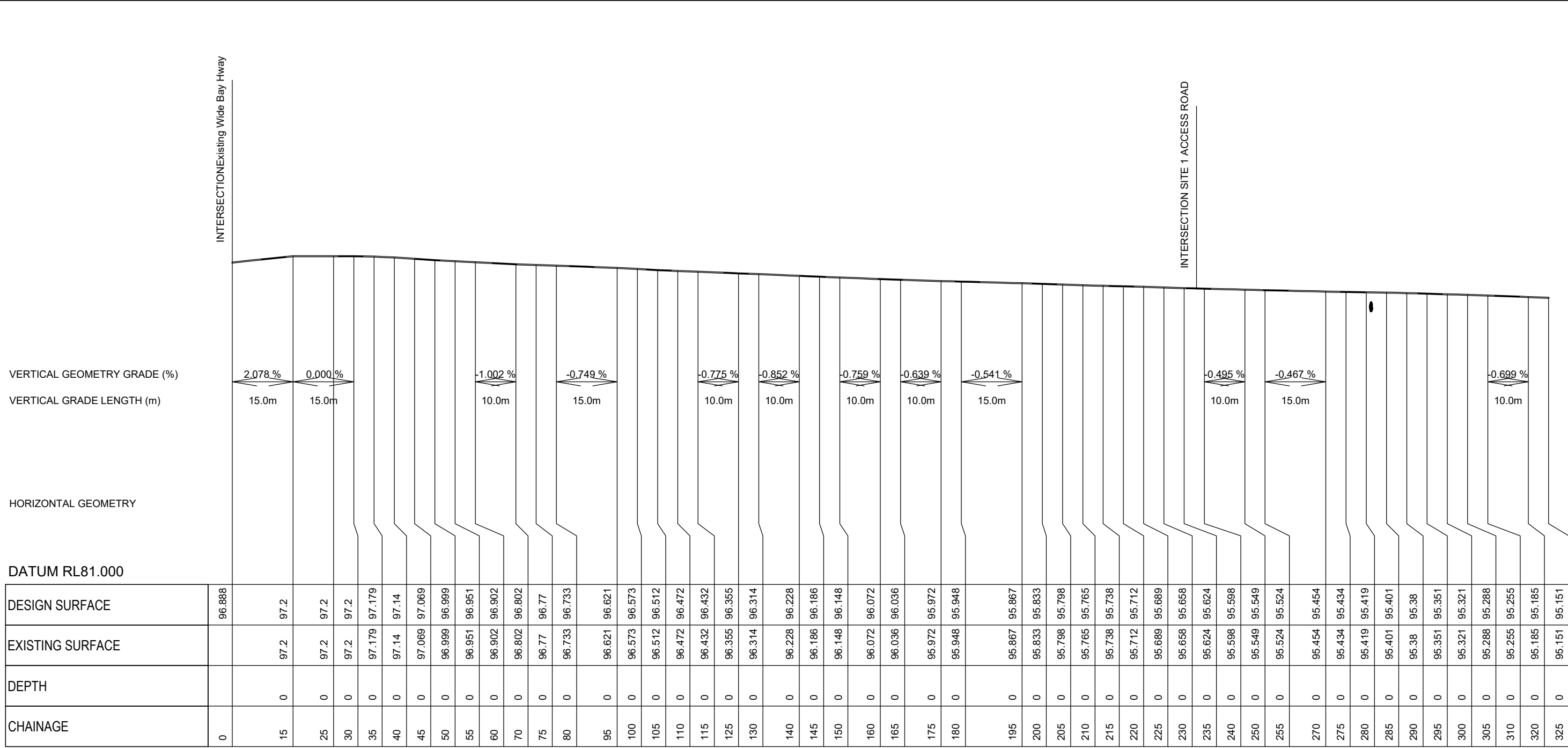
LONGITUDINAL SECTION - SITE 1 ACCESS RD 2
SCALE: VERT 1:200 HORZ 1:1000

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					DRAFTING CHECK	M.MARTIN
					DESIGNER	A. KIANFAR
					DESIGN CHECK	D.ROSBOROUGH
					DESIGN MANAGER	M. PATMORE
					PROJECT MANAGER	E. LAM

PRINCIPAL 		DESIGNER 	
CO-ORDINATE SYSTEM: MGA 2020 ZONE 56		HEIGHT DATUM: A.H.D.	

SCALES AT A3 SIZE DRAWING SCALE 1:1000 		GYMPIE REGIONAL COUNCIL WOOLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1 DEVELOPMENT APPLICATION NO. 2020-1577 LONGITUDINAL SECTION ACCESS ROAD SHEET 2 OF 2	
CLIENT PROJECT / DRAWING No	ISSUE STATUS	JJR PROJECT / DRAWING No	ISSUE
	CONSTRUCTION	JJR-1200312A-CV015	0

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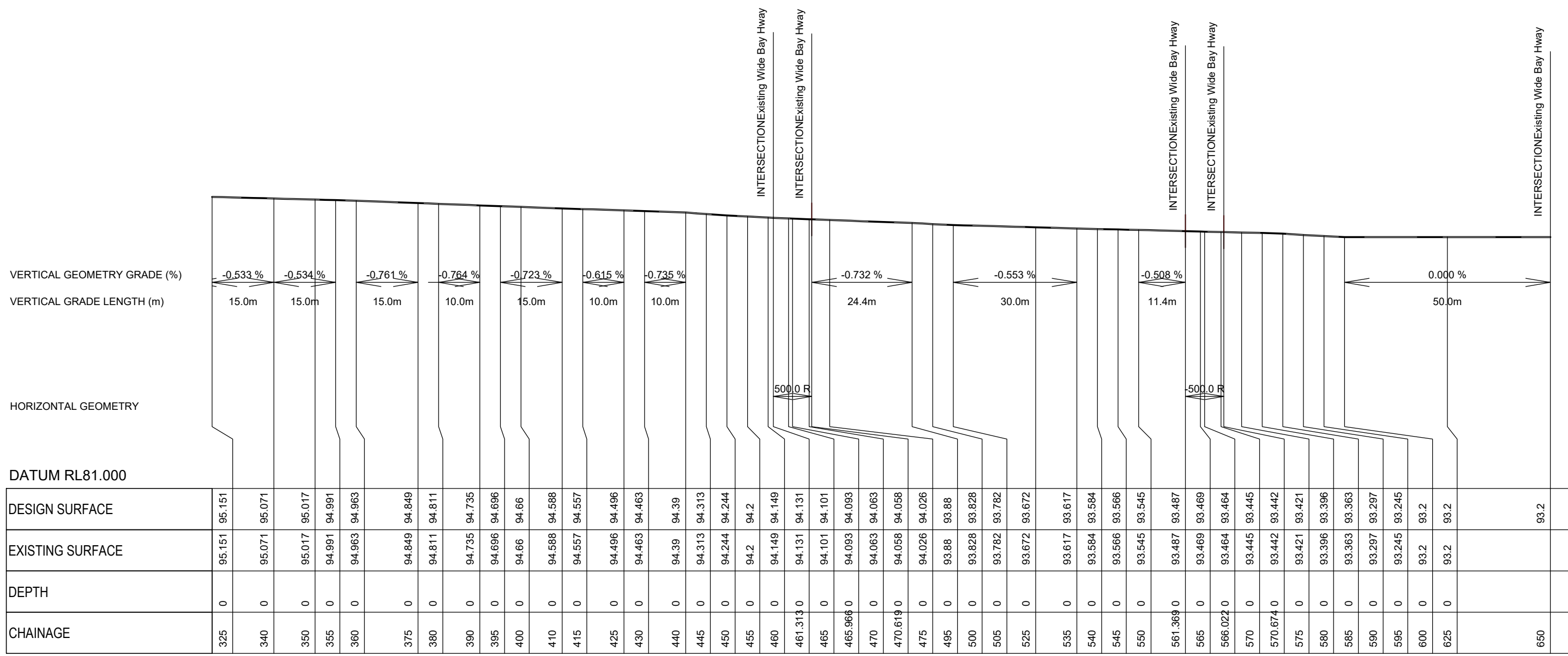


LONGITUDINAL SECTION - WIDE BAY HWY
SCALE: VERT 1:200 HORZ 1:1000

SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES			DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:17:16	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL		
REV	DATE	AMENDMENT / REVISION DESCRIPTION	DVF No	APPROVAL	TITLE	NAME			WOOLLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1 DEVELOPMENT APPLICATION NO. 2020-1577 LONGITUDINAL SECTION WIDE BAY HWY SHEET 1 OF 2
0	18.03.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTER	A. KIANFAR			
					DRAFTING CHECK	M.MARTIN			
					DESIGNER	A. KIANFAR			
					DESIGN CHECK	D.ROSBOROUGH			
					DESIGN MANAGER	M. PATMORE			
					PROJECT MANAGER	E. LAM			
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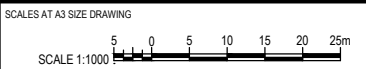
100 mm ON ORIGINAL
 THIS SHEET MAY BE PREPARED USING COLOUR AND MAY BE INCOMPLETE IF COPIED
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LONGITUDINAL SECTION - WIDE BAY HWY
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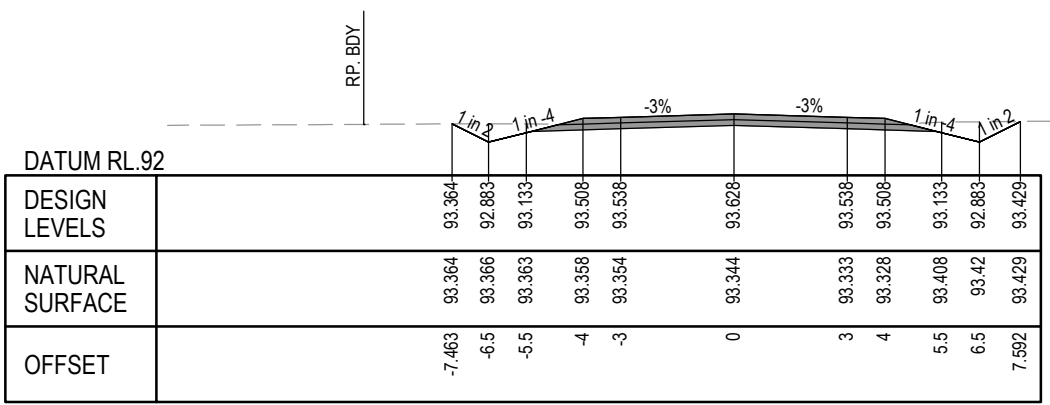
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 THIS SCHEME HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS
 OF AUSTRROADS GUIDE TO ROAD DESIGN AND TMR SUPPLEMENTS.
CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:17:26	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL			
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					N/A	MP	DRAFTER	A. KIANFAR		DEVELOPMENT APPLICATION NO. 2020-1577		
							DRAFTING CHECK	M.MARTIN		LONGITUDINAL SECTION WIDE BAY HWY		
							DESIGNER	A. KIANFAR		SHEET 2 OF 2		
							DESIGN CHECK	D.ROSBOROUGH		CLIENT PROJECT / DRAWING No		
							DESIGN MANAGER	M. PATMORE		ISSUE STATUS		
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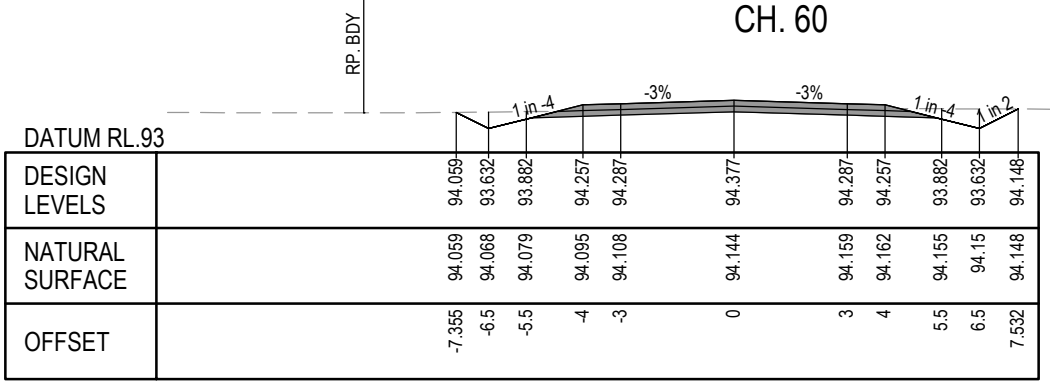


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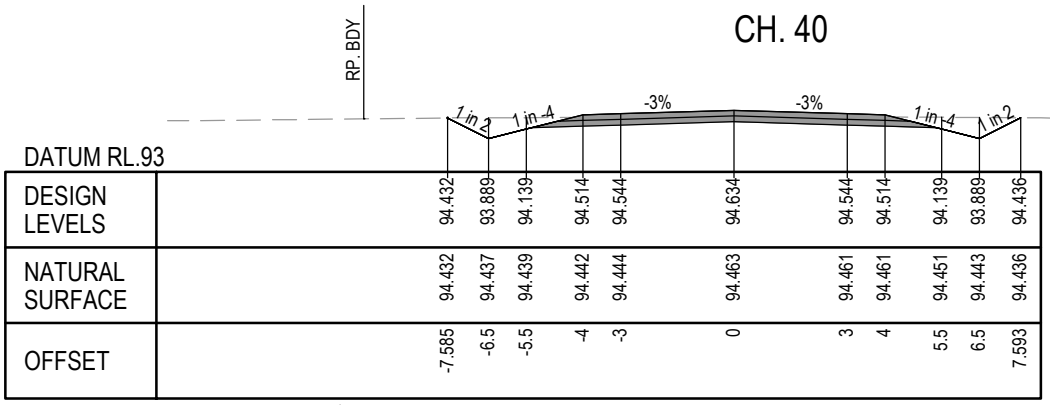
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021



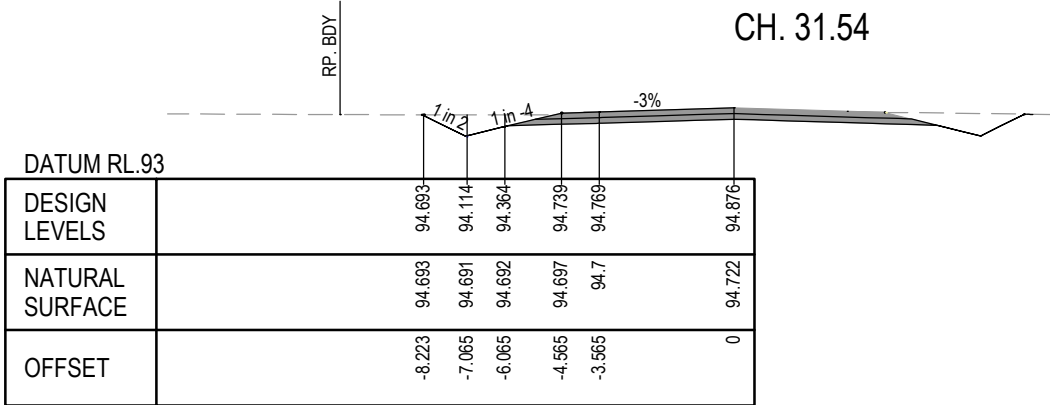
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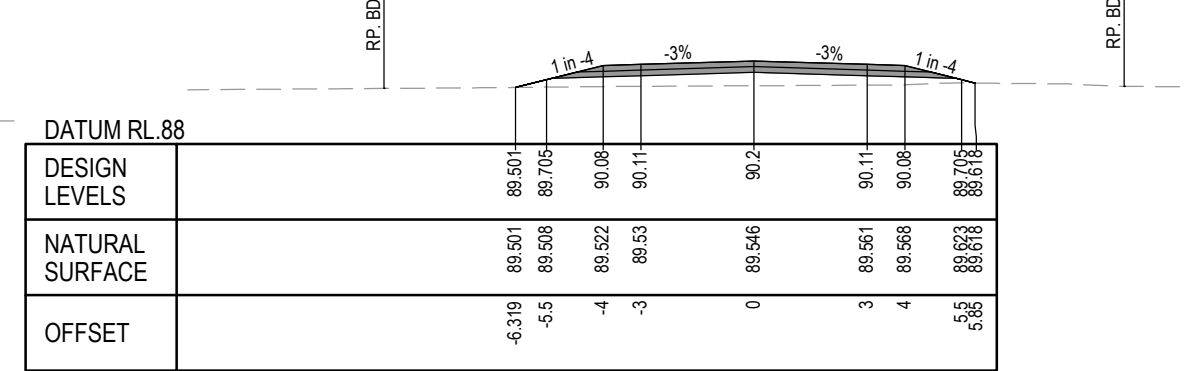
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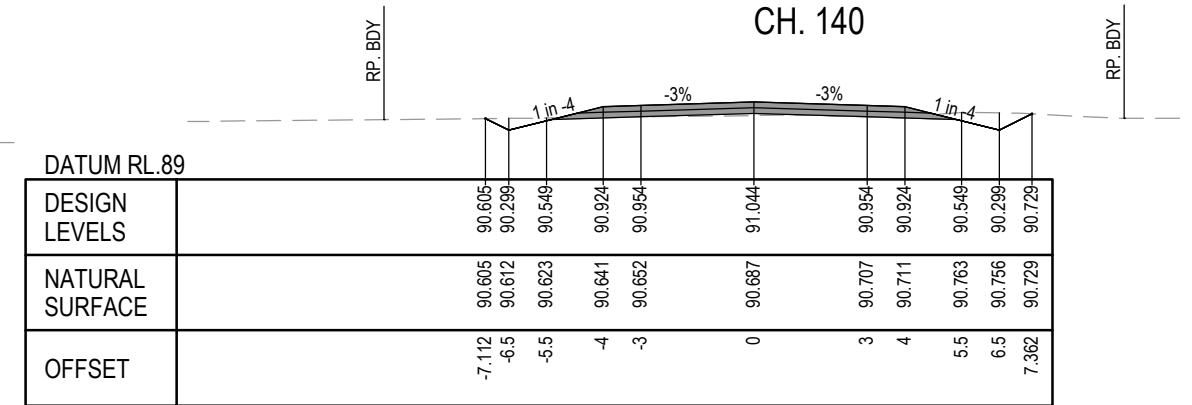
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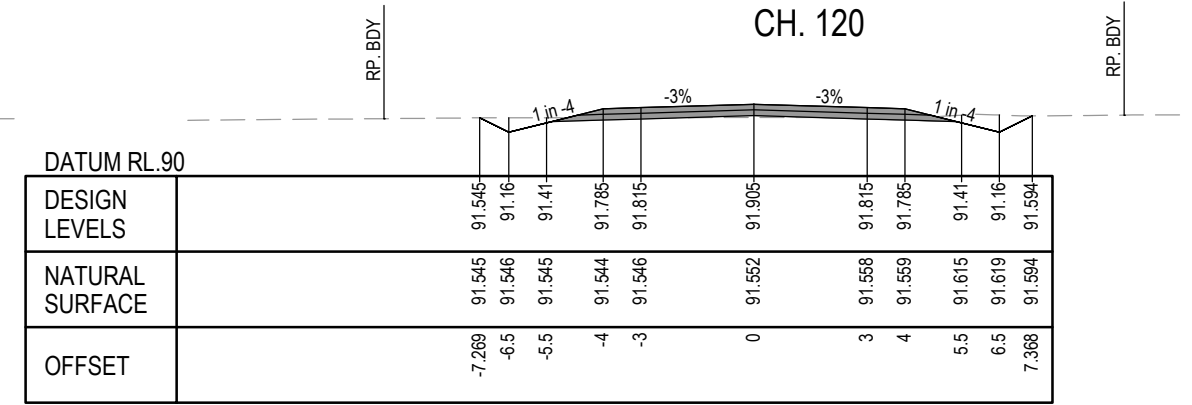
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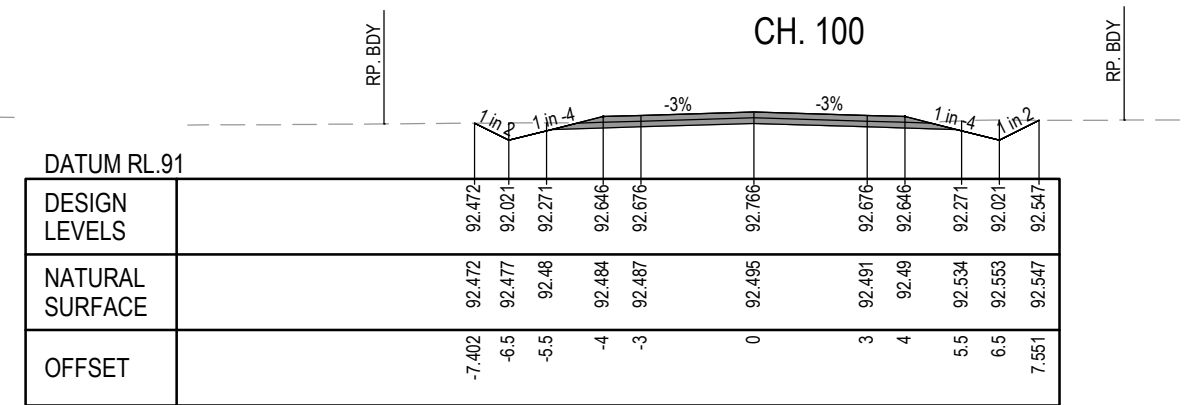
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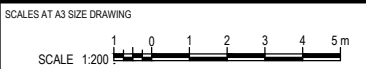
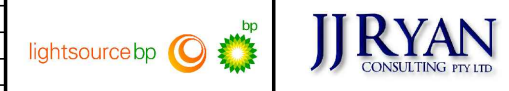


CH. 100



CH. 80

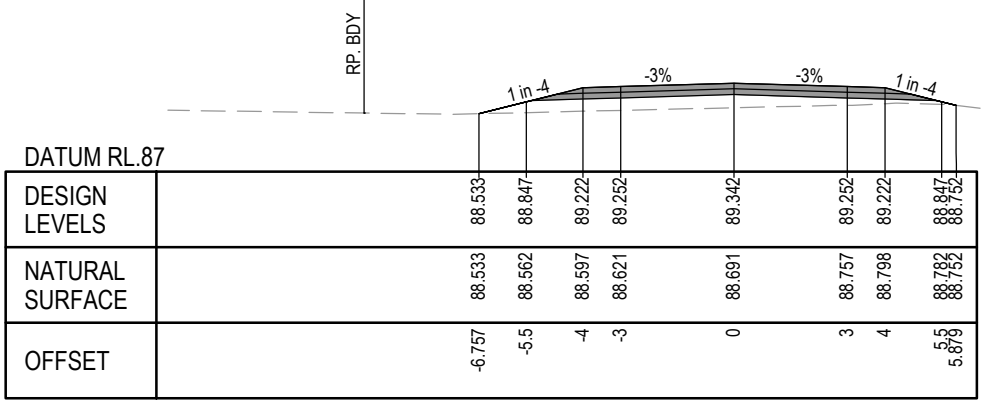
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					N/A	MP	DRAFTER	S. MORTEZAEI	DEVELOPMENT APPLICATION NO. 2020-1577	
							DRAFTING CHECK	M. MARTIN	CROSS SECTIONS ACCESS ROAD	
							DESIGNER	A. KIANFAR	SHEET 1 OF 5	
							DESIGN CHECK	D. ROSBOROUGH	CLIENT PROJECT / DRAWING No	
							DESIGN MANAGER	M. PATMORE	ISSUE STATUS	JJR PROJECT / DRAWING No
							PROJECT MANAGER	E. LAM	CONSTRUCTION	JJR-1200312A-CV018
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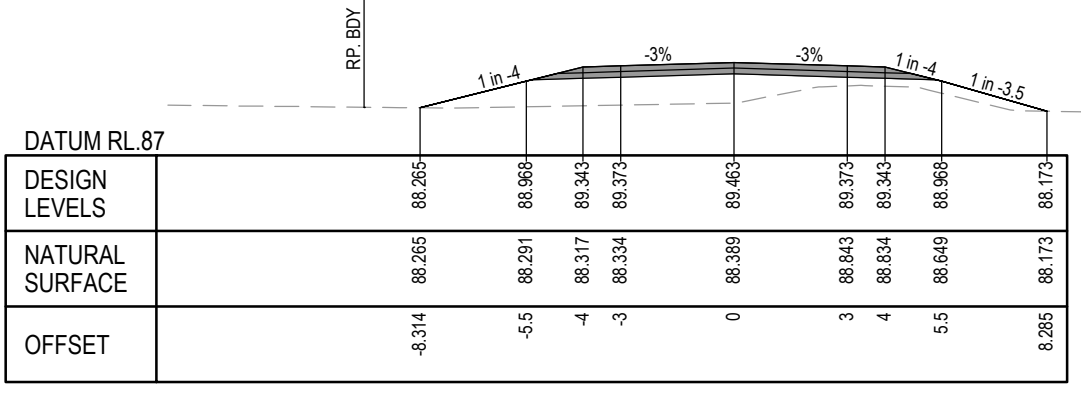
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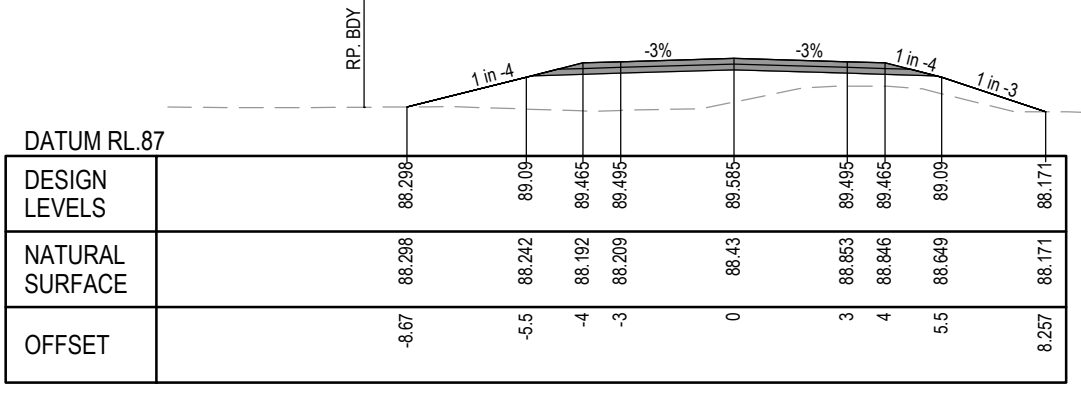
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 OF AUSTRROADS GUIDE TO ROAD DESIGN AND TMR SUPPLEMENTS.
CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021



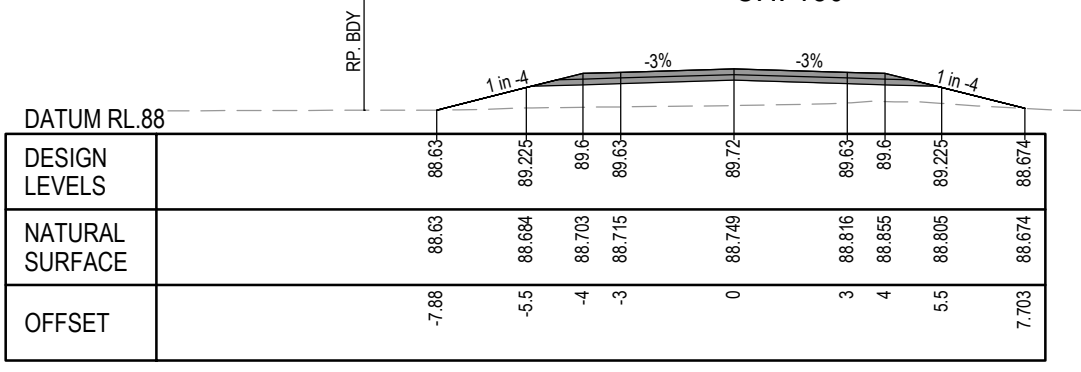
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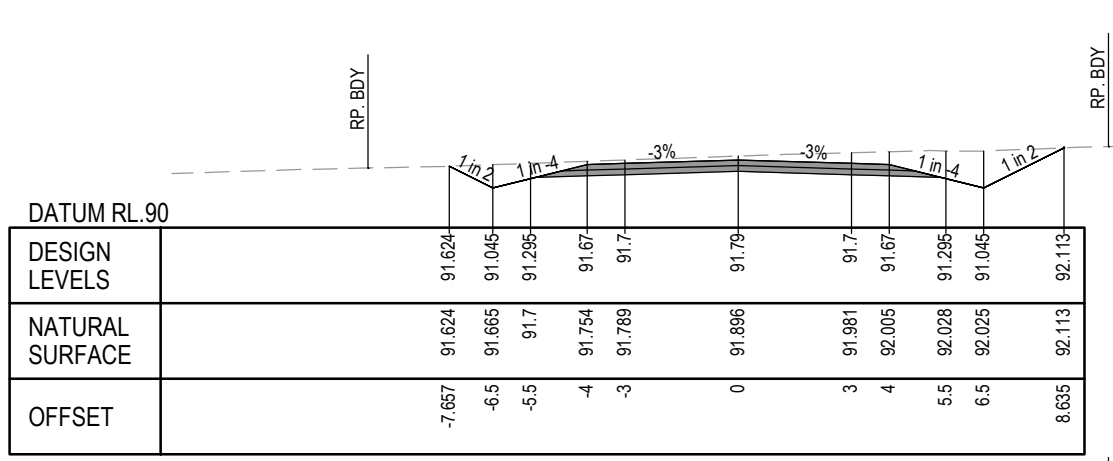
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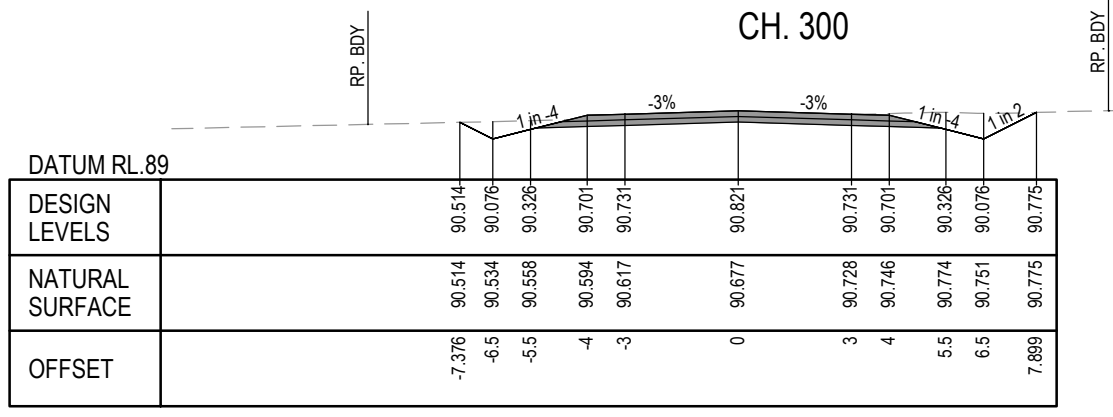
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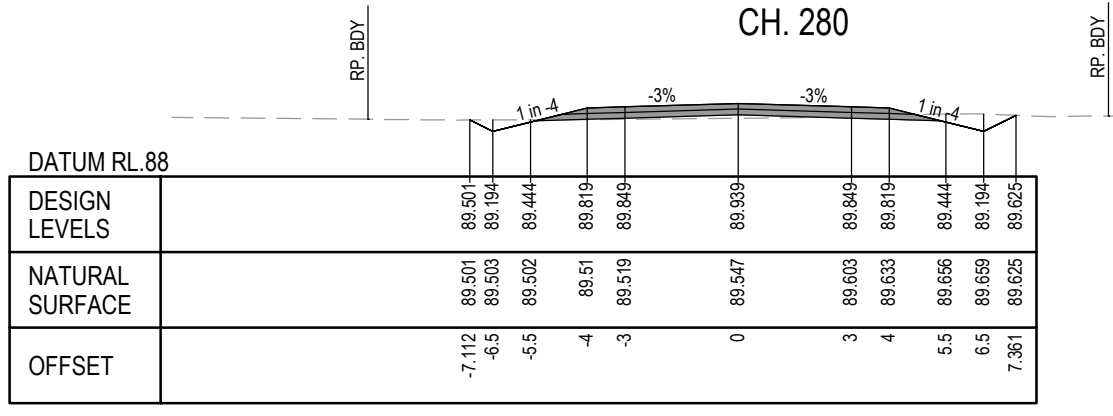
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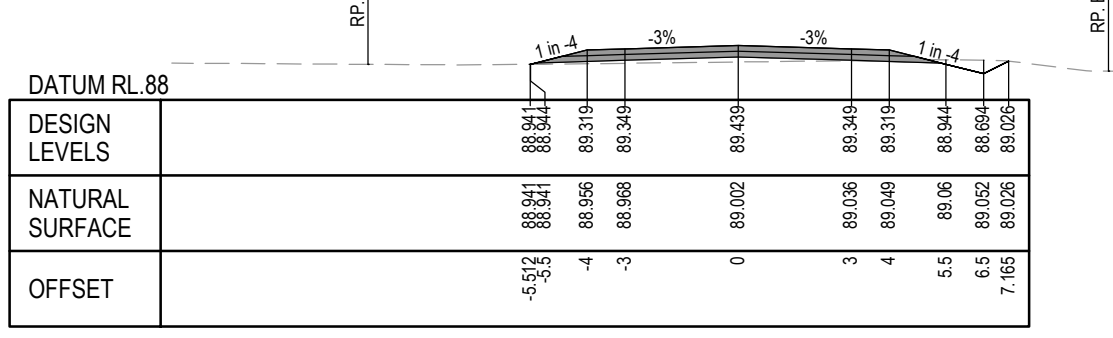
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CH. 280



CH. 260



CH. 240

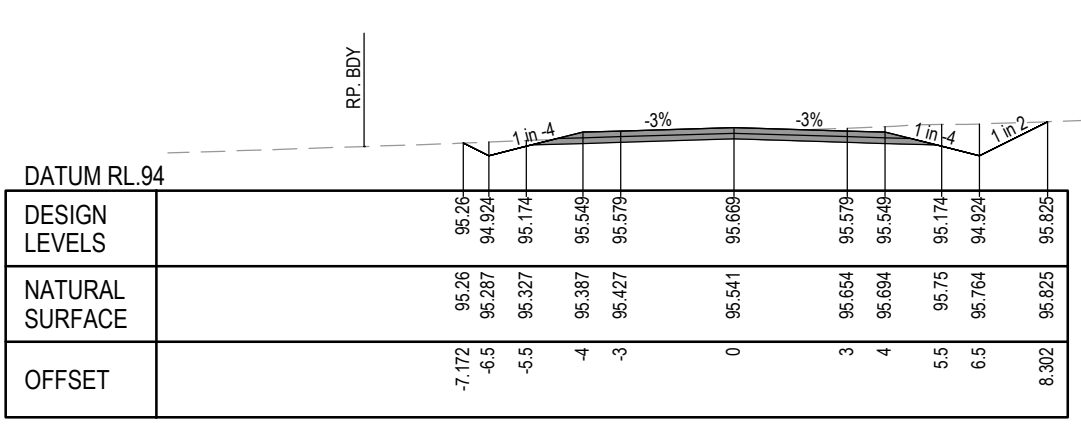
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18.03.21						DRAFTING CHECK	M. MARTIN					CROSS SECTIONS ACCESS ROAD	
CONSTRUCTION ISSUE						DESIGNER	A. KIANFAR					SHEET 2 OF 5	
						DESIGN CHECK	D. ROSBOROUGH					ISSUE STATUS	
						DESIGN MANAGER	M. PATMORE					CONSTRUCTION	
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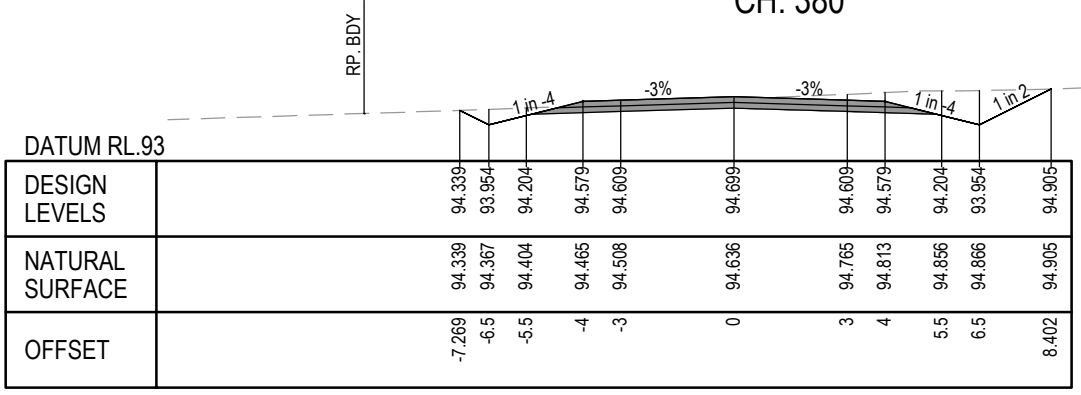
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 ISSUE: 0

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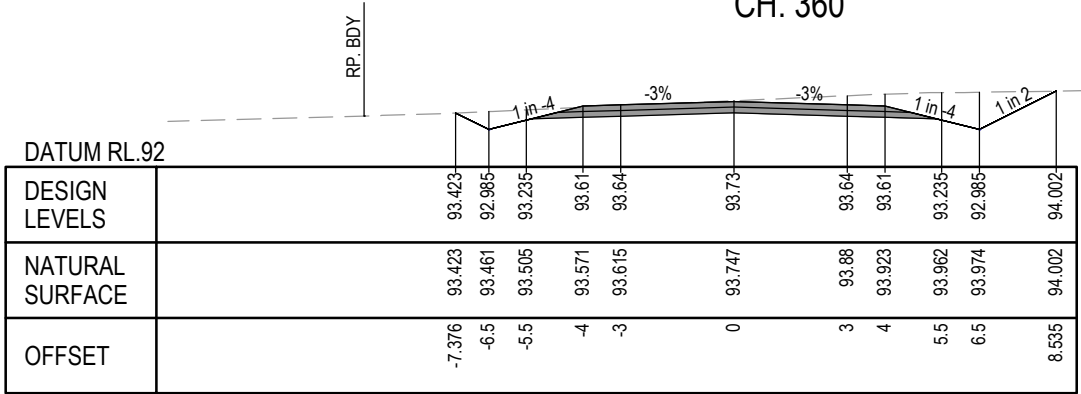
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021



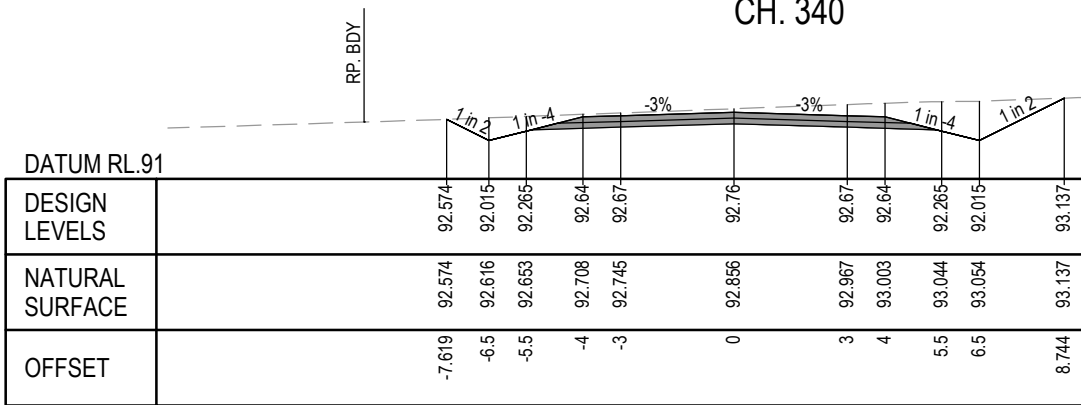
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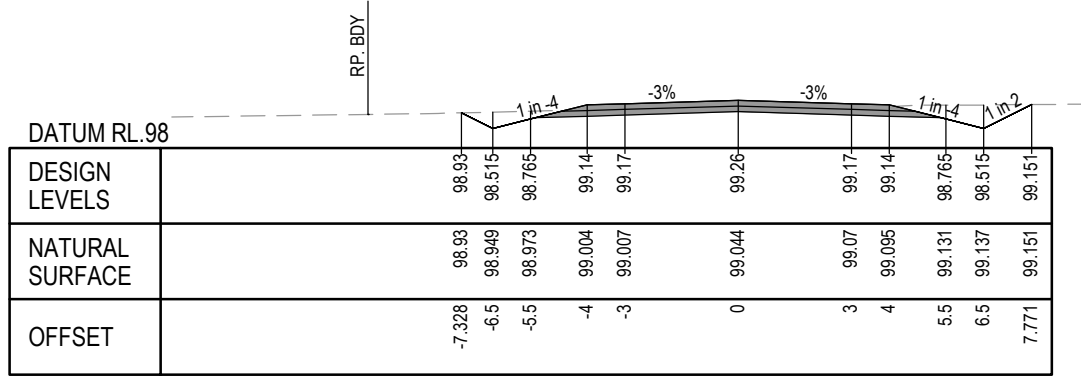
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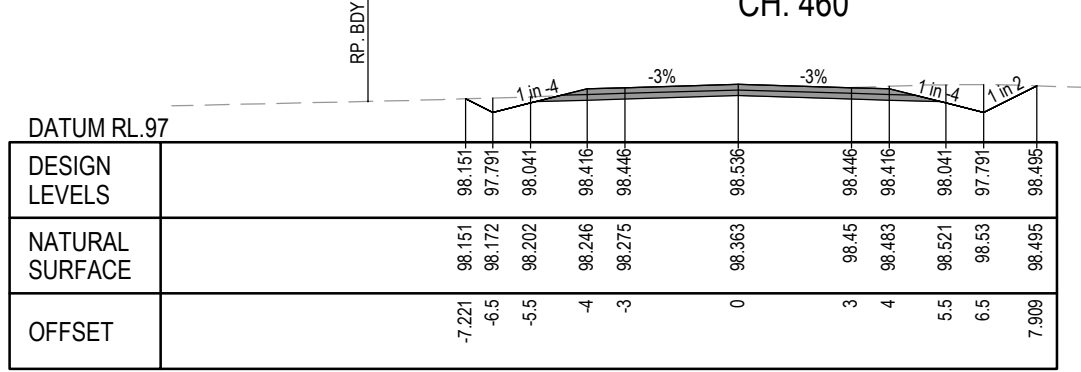
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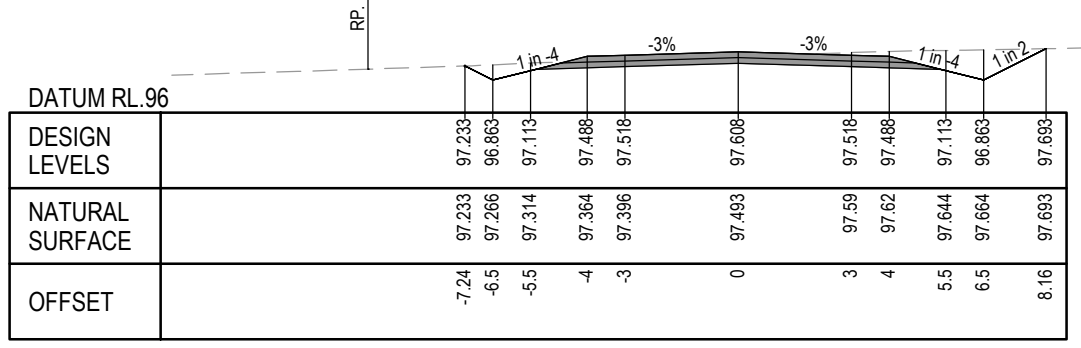
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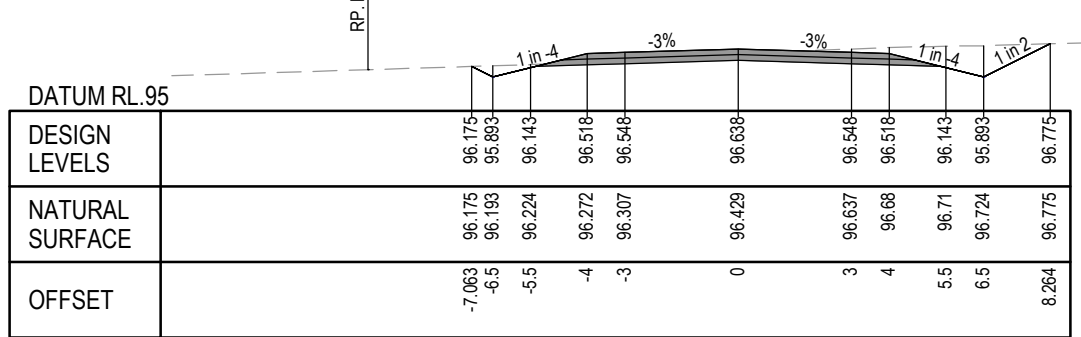
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CH. 440



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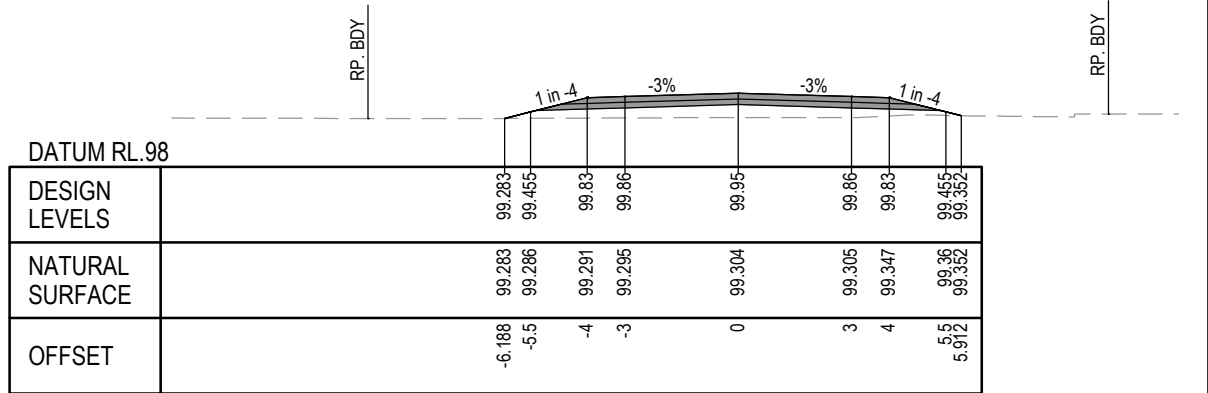
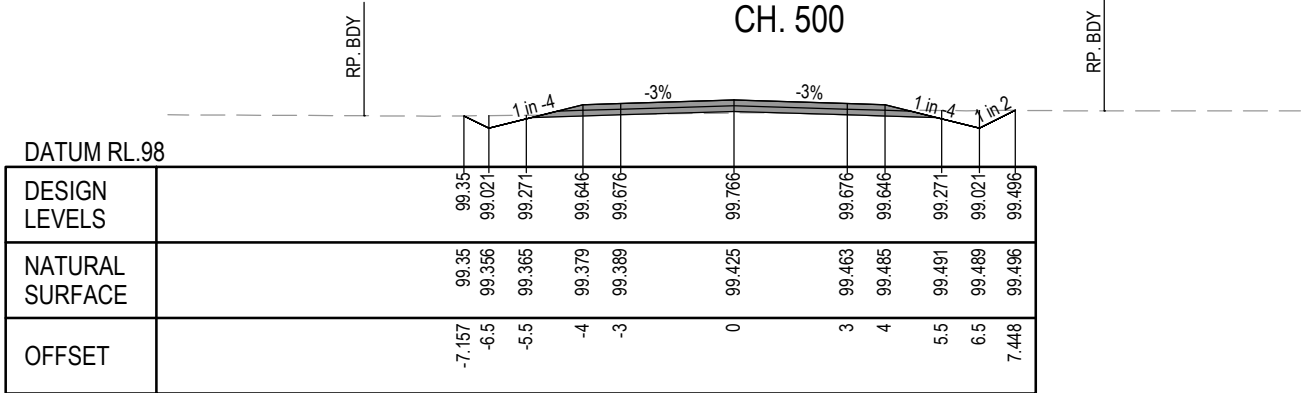
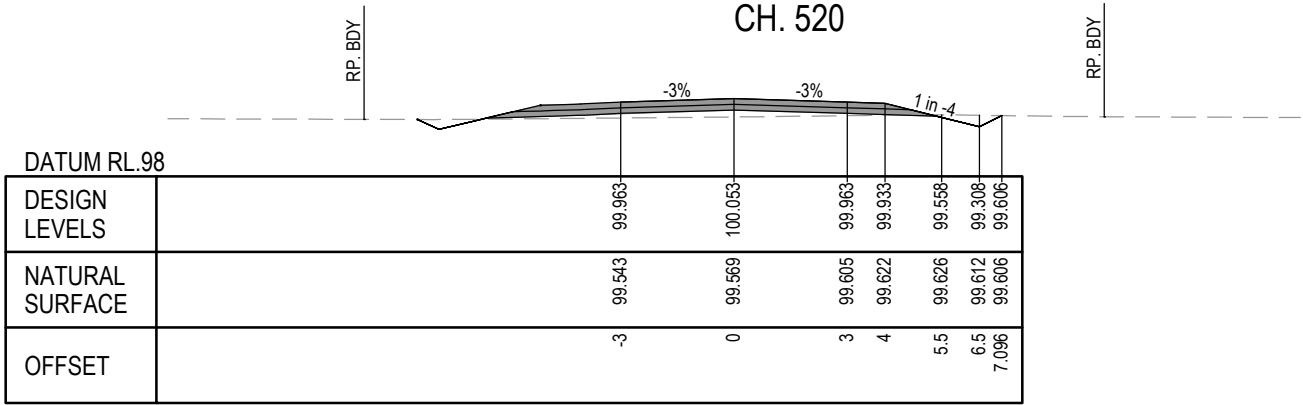
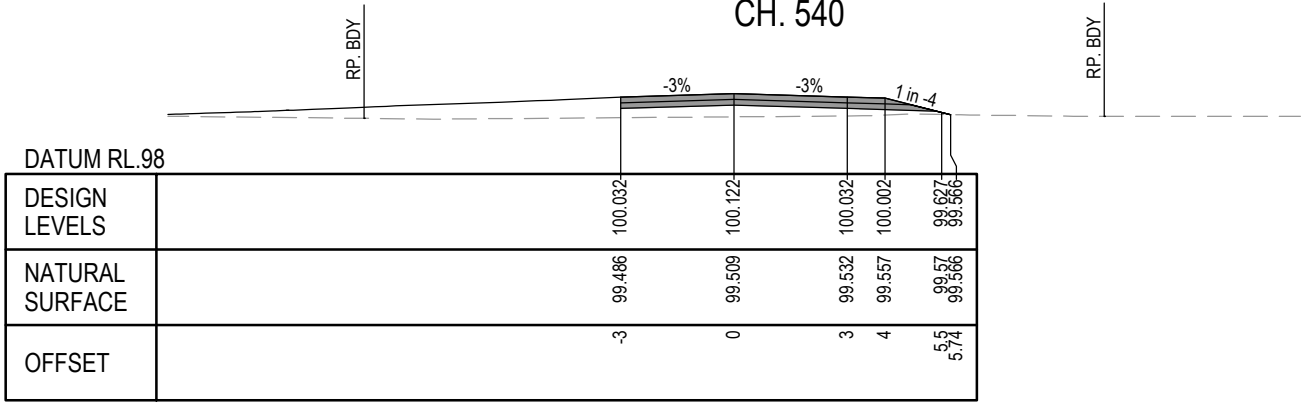
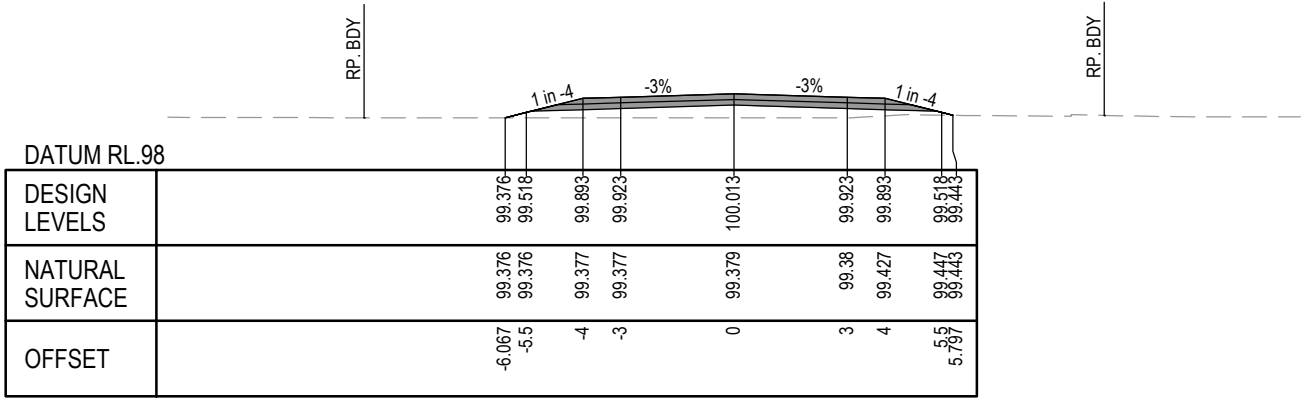


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							DRAFTING CHECK M. MARTIN		CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D.						
							DESIGNER A. KIANFAR		CLIENT PROJECT / DRAWING No JJR-1200312A-CV020						
							DESIGN CHECK D. ROSBOROUGH		ISSUE STATUS CONSTRUCTION						
							DESIGN MANAGER M. PATMORE		JJR PROJECT / DRAWING No JJR-1200312A-CV020						
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							PROJECT MANAGER E. LAM								

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SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021



EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:18:06	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL	
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							DRAFTING CHECK	M. MARTIN	CROSS SECTIONS ACCESS ROAD	
							DESIGNER	A. KIANFAR	SHEET 4 OF 5	
							DESIGN CHECK	D. ROSBOROUGH		
							DESIGN MANAGER	M. PATMORE		
							PROJECT MANAGER	E. LAM		
SCALES AT A3 SIZE DRAWING		SCALE 1:200		CO-ORDINATE SYSTEM: MGA 2020 ZONE 56		HEIGHT DATUM: A.H.D.		CLIENT PROJECT / DRAWING No		ISSUE STATUS
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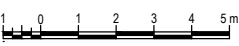
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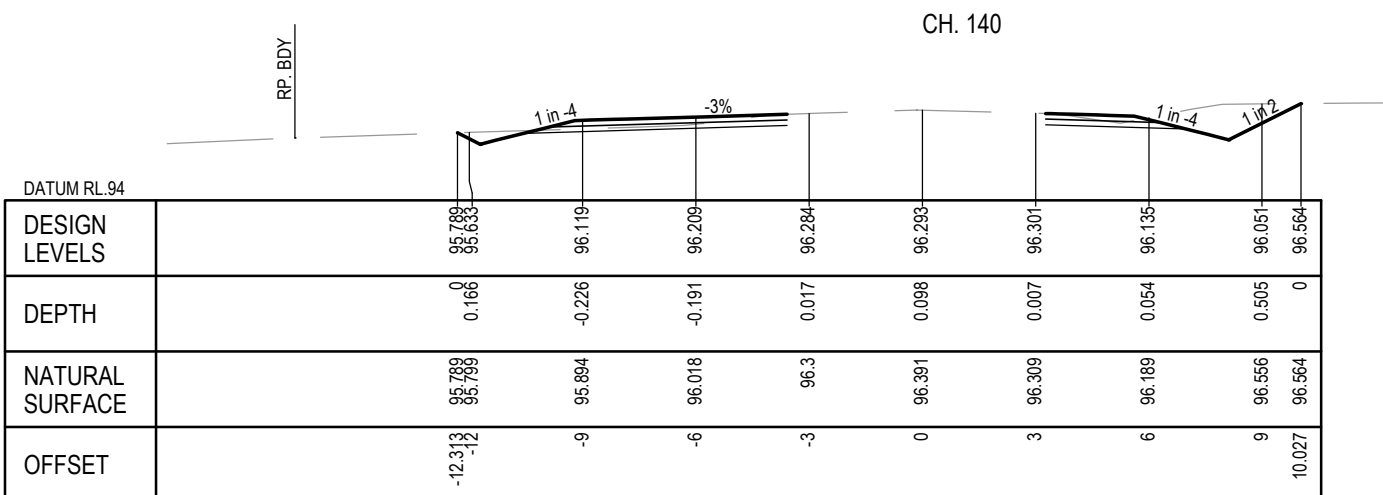
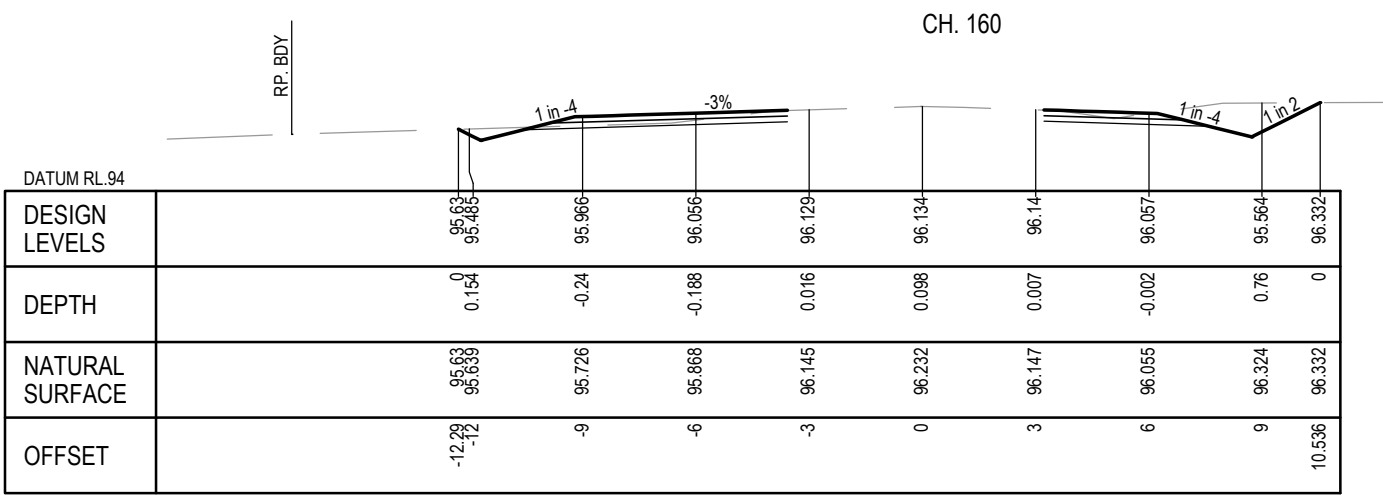
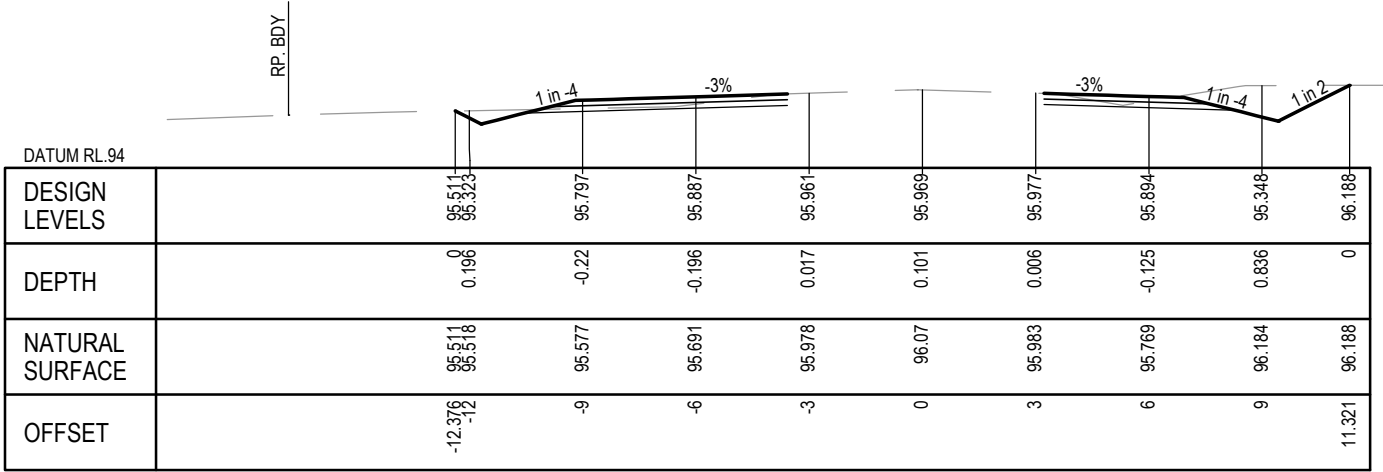
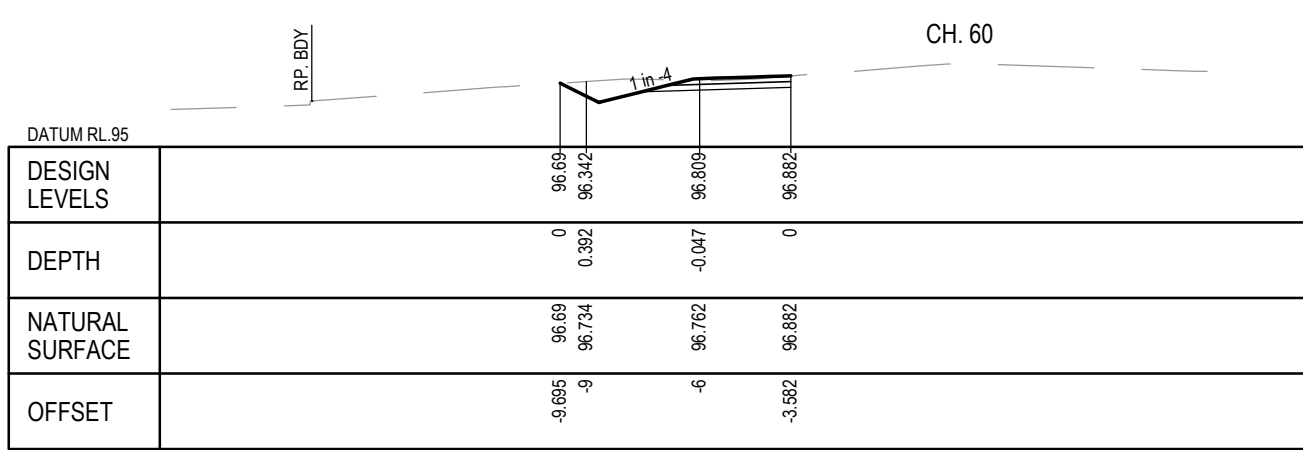
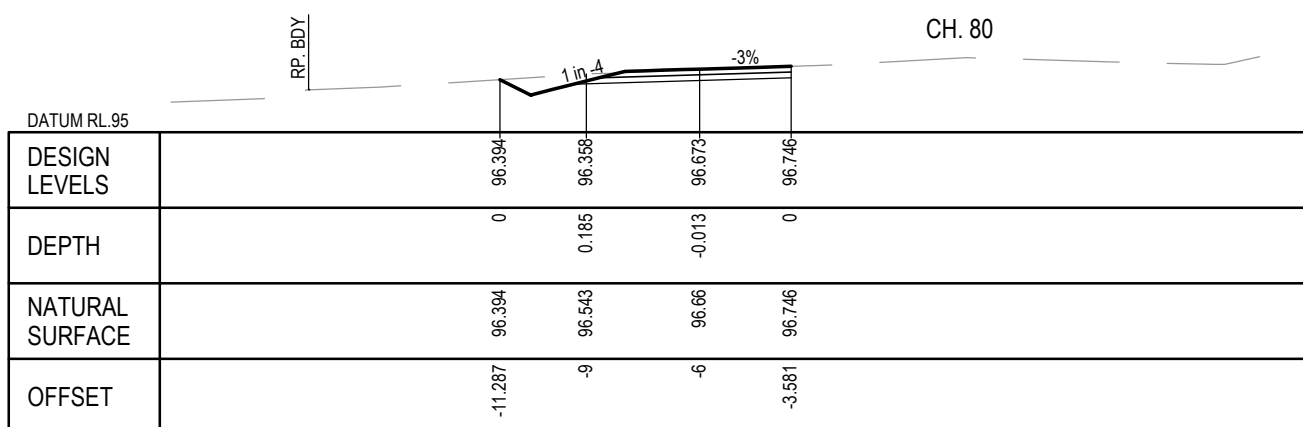
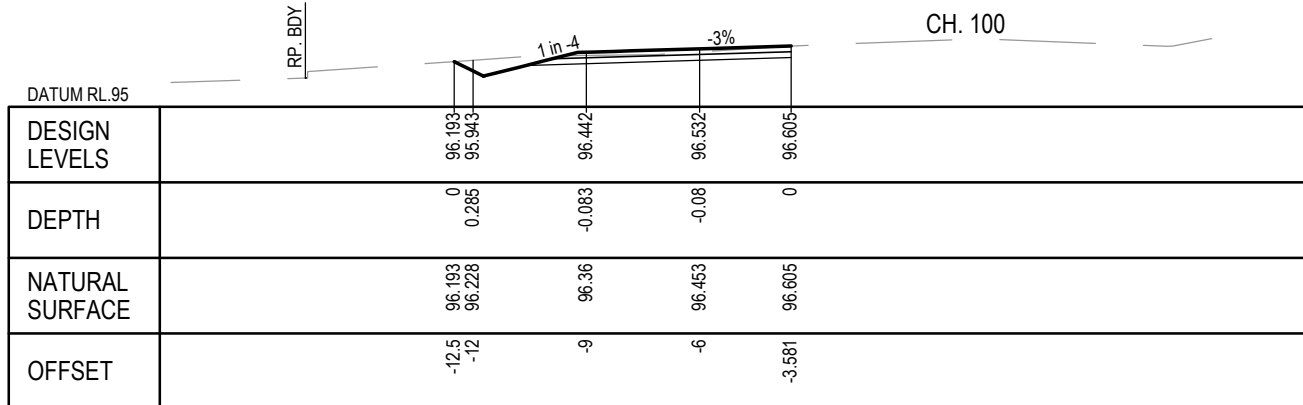
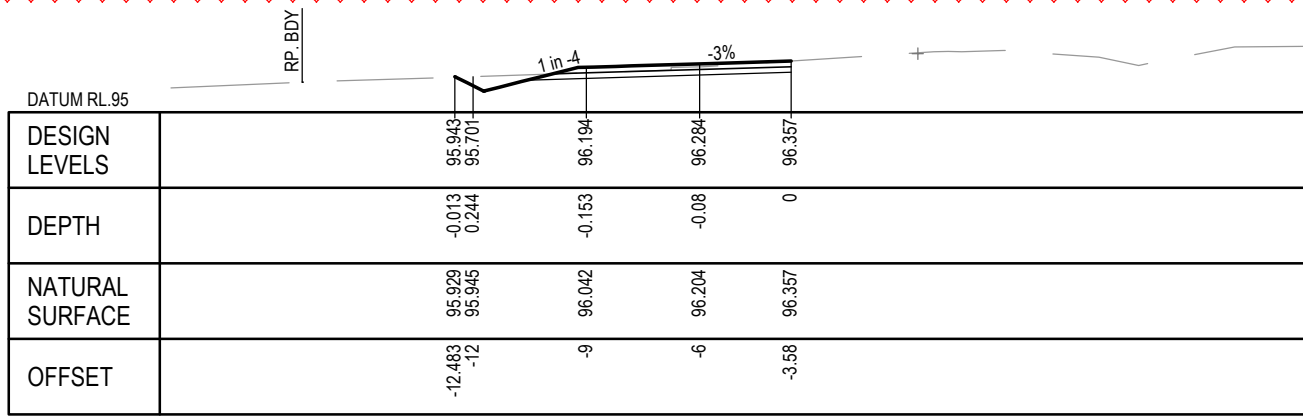
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 OF AUSTRROADS GUIDE TO ROAD DESIGN AND TMR SUPPLEMENTS.

CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

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				B	29.07.20	DETAIL DESIGN		N/A	BA	DRAFTING CHECK	M.MARTIN										
				C	20.10.20	TENDER ISSUE		N/A	BA	DESIGNER	A. KIANFAR										
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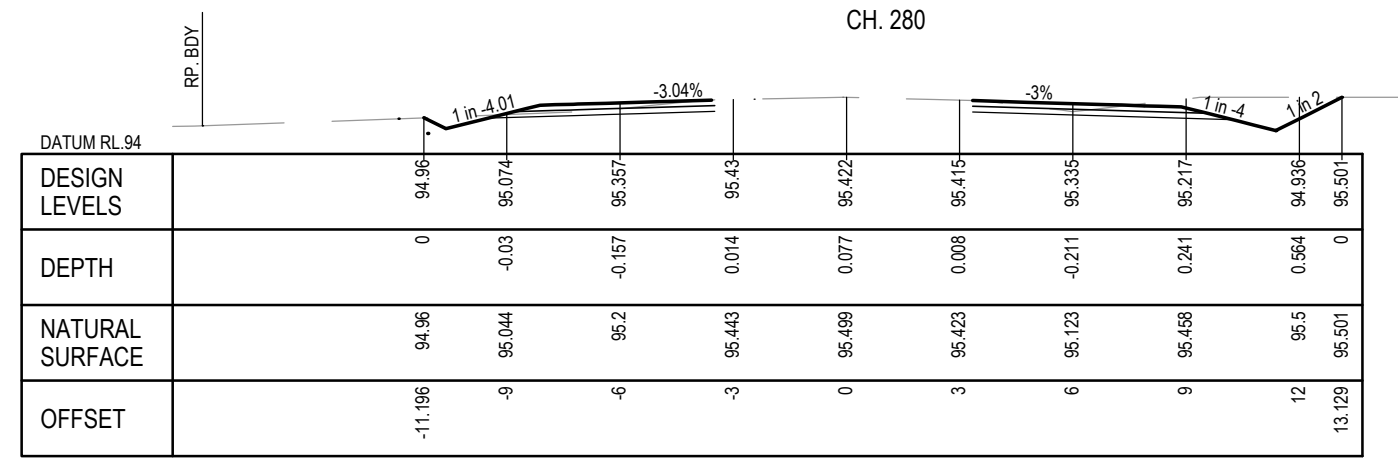
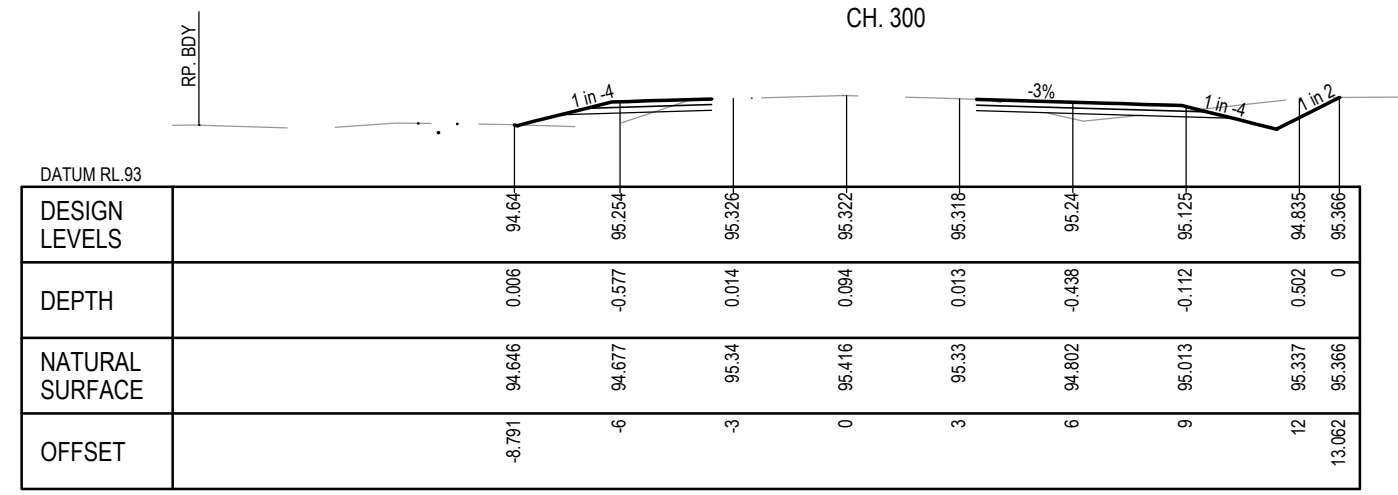
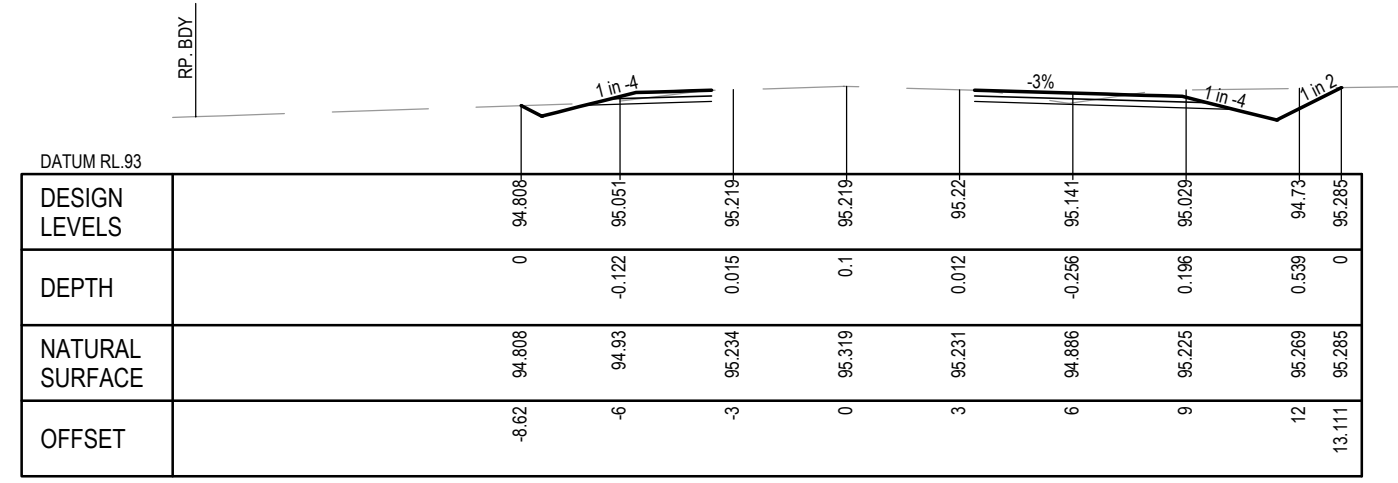
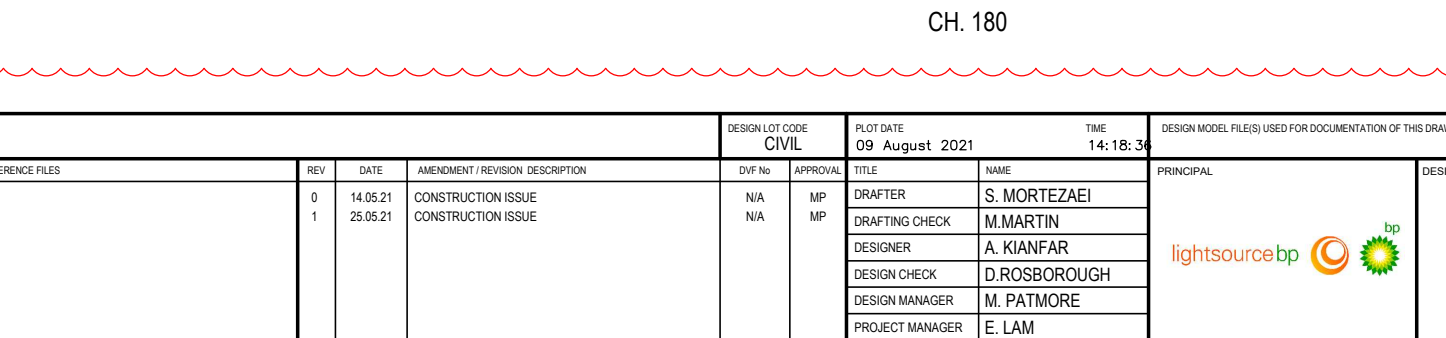
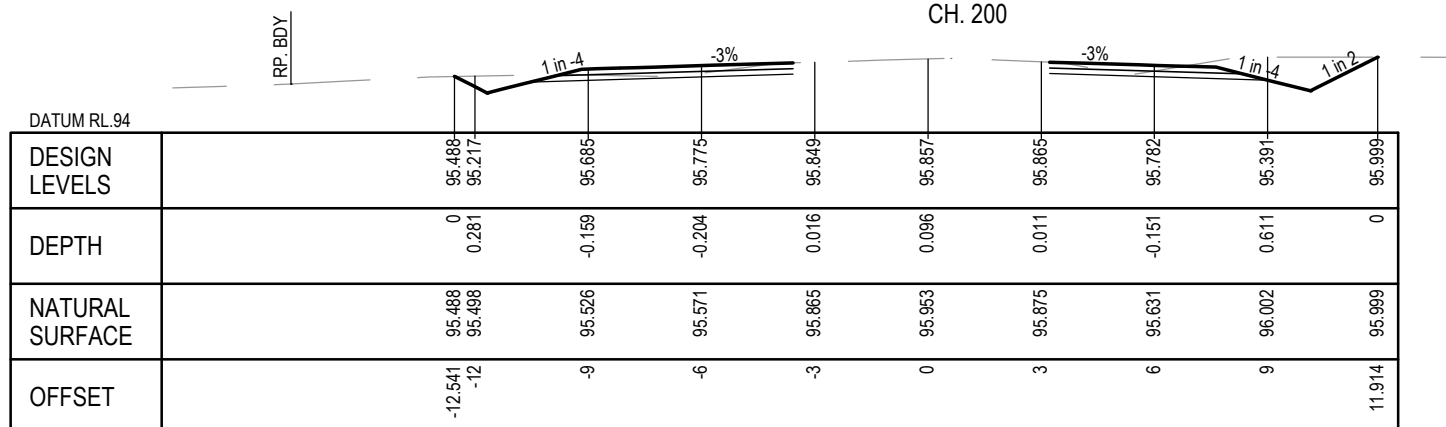
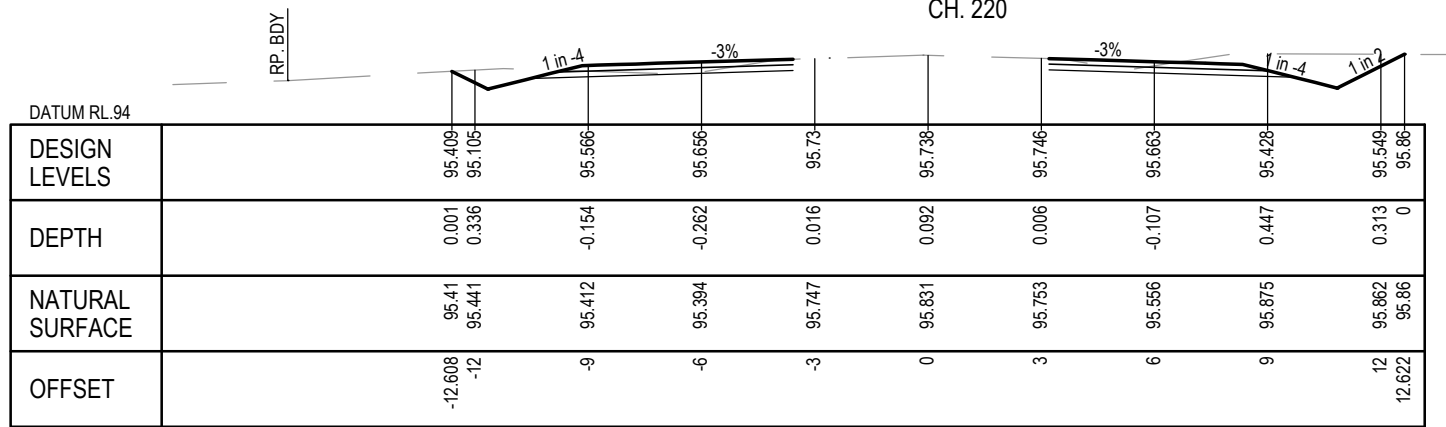
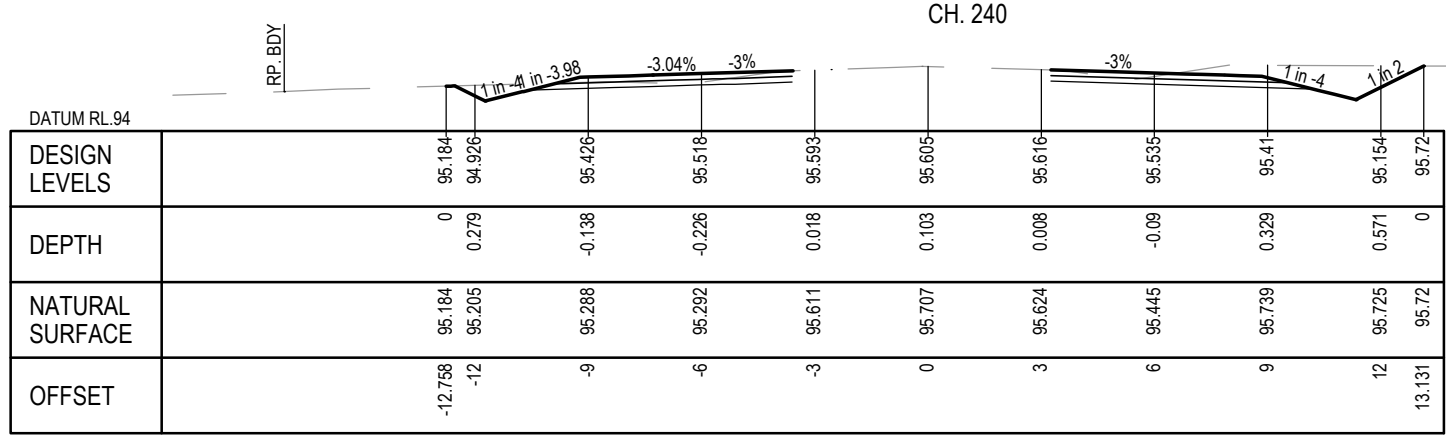
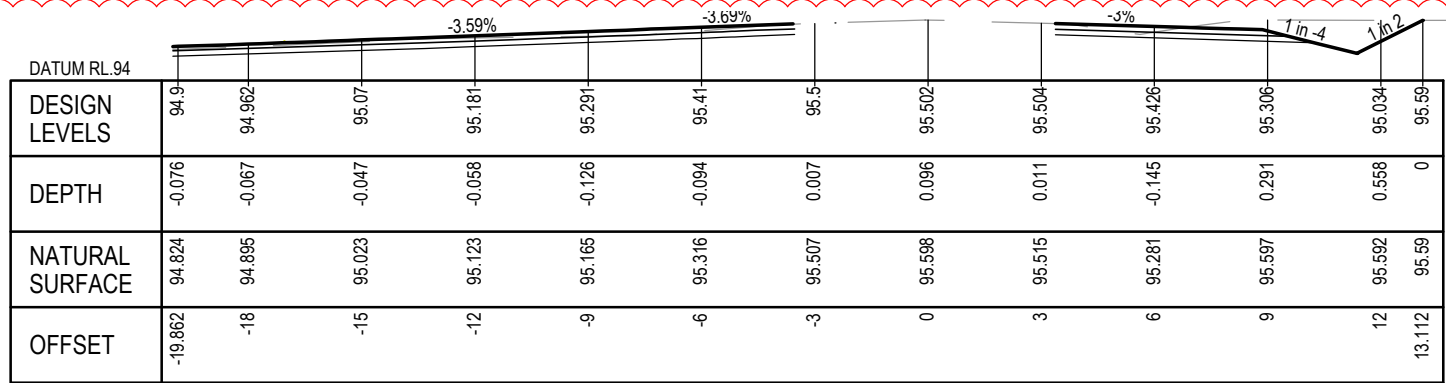
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SCHEME SUBMITTED (JJ RYAN CONSULTING PTY LTD):
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:18:26	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL											
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				DESIGNER	A. KIANFAR					SHEET 1 OF 3										
				DESIGN CHECK	D.ROSBOROUGH					CLIENT PROJECT / DRAWING No										
				DESIGN MANAGER	M. PATMORE					ISSUE STATUS										
				PROJECT MANAGER	E. LAM			CONSTRUCTION		JJR-1200312A-CV023	ISSUE 1									

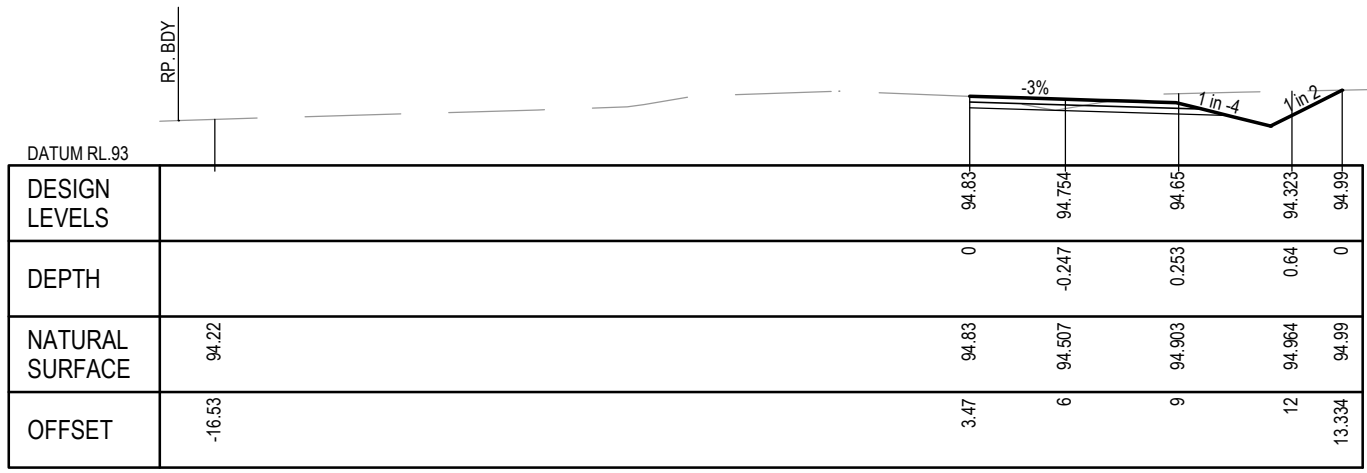
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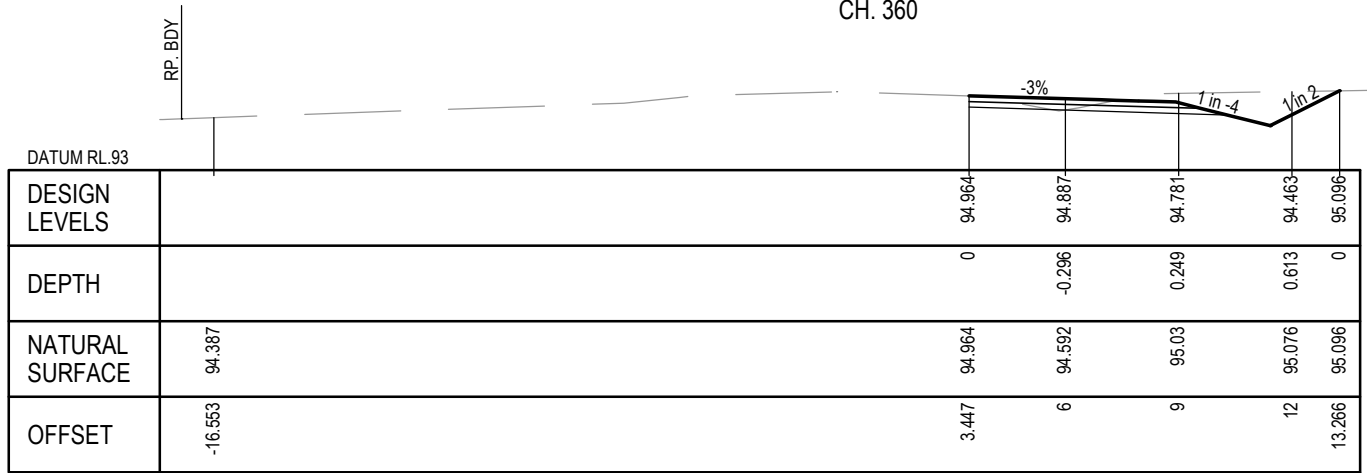
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 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES		DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:18:36	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL	
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1	25.05.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTING CHECK	M. MARTIN	
					DESIGNER	A. KIANFAR	
					DESIGN CHECK	D. ROSBOROUGH	
					DESIGN MANAGER	M. PATMORE	
					PROJECT MANAGER	E. LAM	
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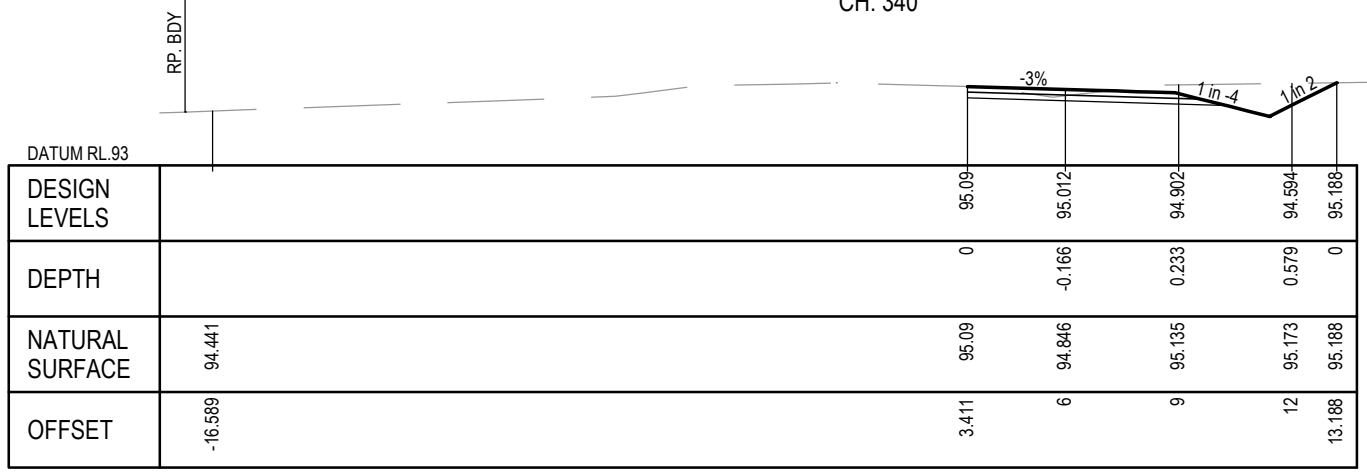
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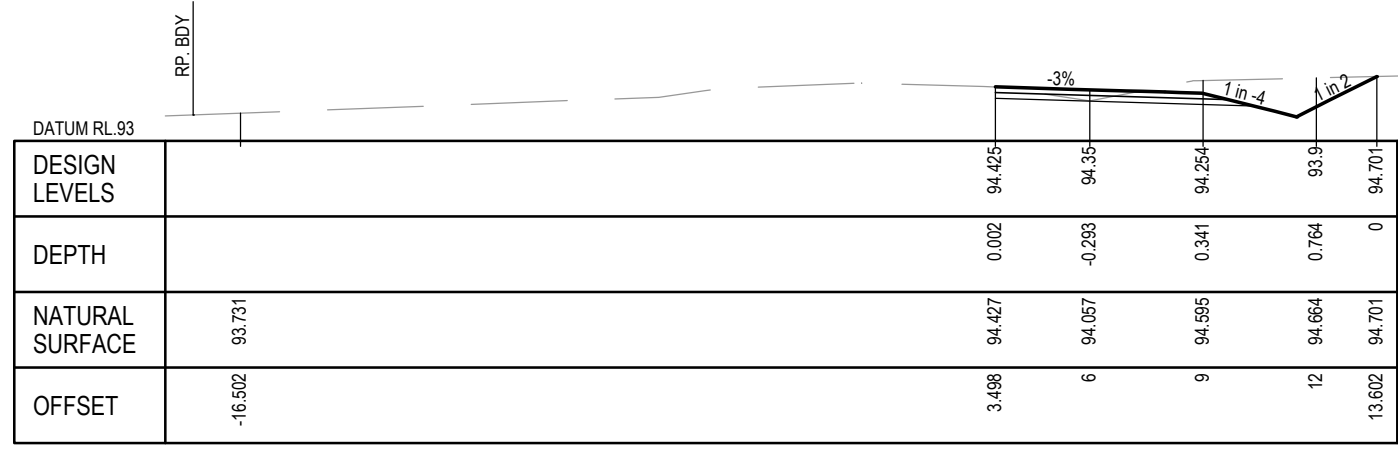
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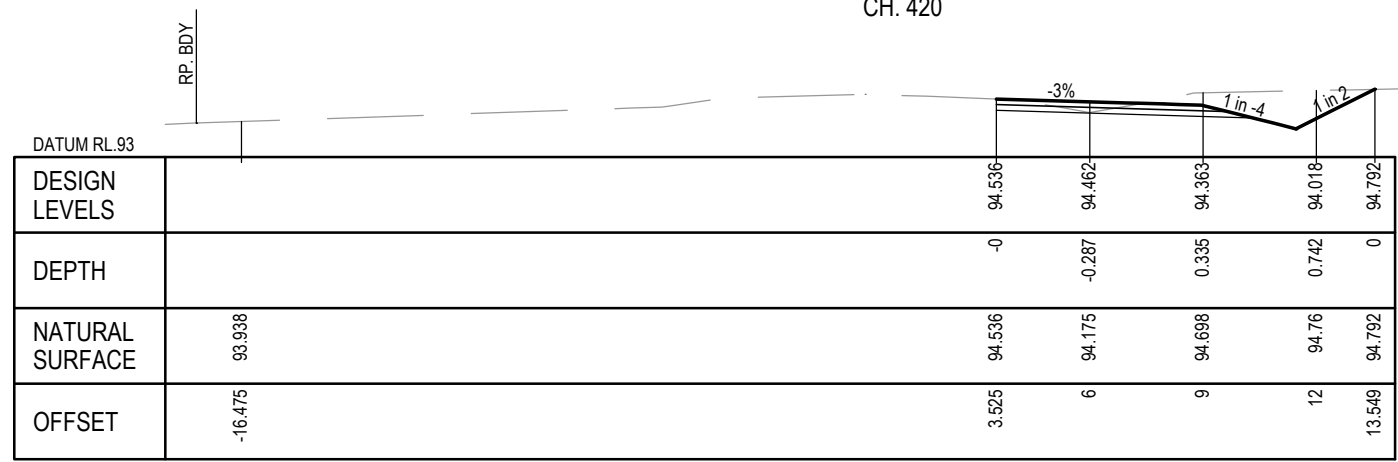
CH. 340



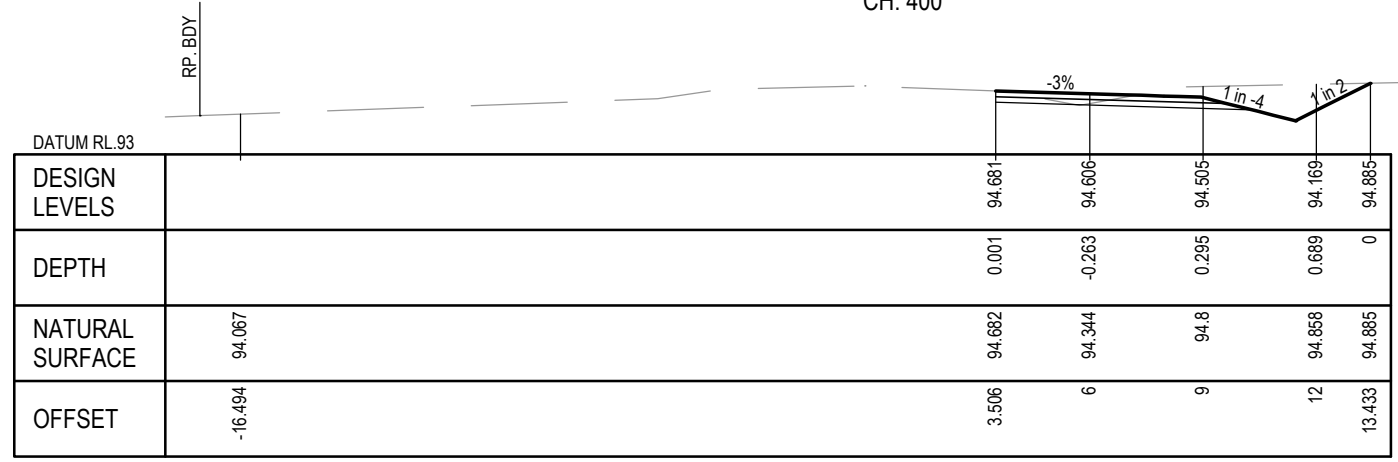
CH. 320



CH. 420



CH. 400



CH. 380

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 RPEQ No.: 13297 DATE: 05 AUGUST 2021

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0	14.05.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTER	S. MORTEZAEI	
1	25.05.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTING CHECK	M. MARTIN	
					DESIGNER	A. KIANFAR	
					DESIGN CHECK	D. ROSBOROUGH	
					DESIGN MANAGER	M. PATMORE	
					PROJECT MANAGER	E. LAM	
SCALES AT A3 SIZE DRAWING SCALE 1:200		CO-ORDINATE SYSTEM: MGA 2020 ZONE 56		HEIGHT DATUM: A.H.D.		CLIENT PROJECT / DRAWING No JJR-1200312A-CV025	
ISSUE STATUS CONSTRUCTION		ISSUE No 1		CLIENT PROJECT / DRAWING No JJR-1200312A-CV025		ISSUE No 1	



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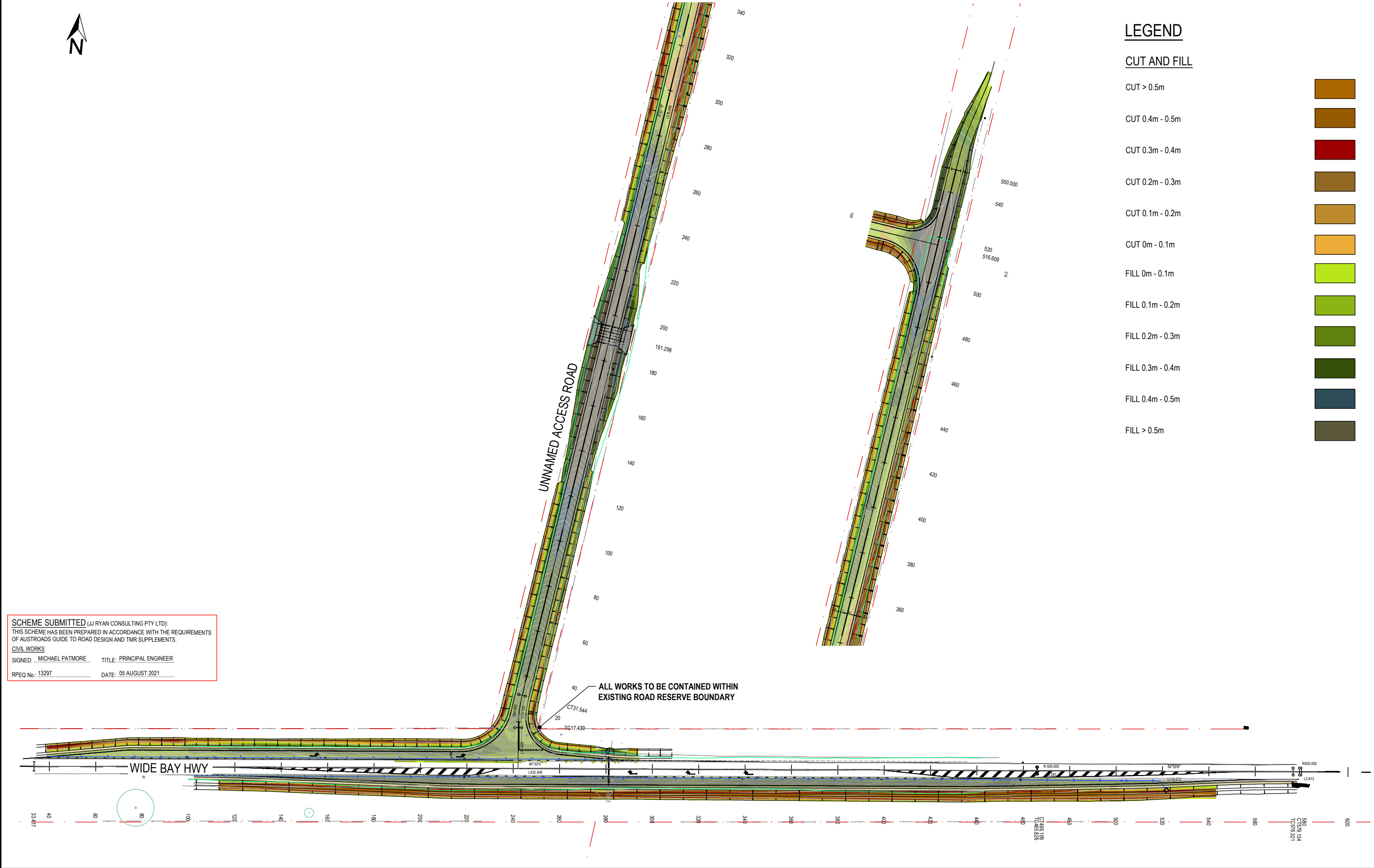
CUT AND FILL

- CUT > 0.5m
- CUT 0.4m - 0.5m
- CUT 0.3m - 0.4m
- CUT 0.2m - 0.3m
- CUT 0.1m - 0.2m
- CUT 0m - 0.1m
- FILL 0m - 0.1m
- FILL 0.1m - 0.2m
- FILL 0.2m - 0.3m
- FILL 0.3m - 0.4m
- FILL 0.4m - 0.5m
- FILL > 0.5m

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A3 ORIGINAL



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CIVIL WORKS
SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
RPEQ No. 13297 DATE: 05 AUGUST 2021

ALL WORKS TO BE CONTAINED WITHIN EXISTING ROAD RESERVE BOUNDARY

EXTERNAL REFERENCE FILES		DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:19:00	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		GYMPIE REGIONAL COUNCIL				
REV	DATE	AMENDMENT / REVISION DESCRIPTION	DWF No	APPROVAL	TITLE	NAME	 	SCALES AT A3 SIZE DRAWING SCALE 1:1500 		WOOLLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1 DEVELOPMENT APPLICATION NO. 2020-1577 EARTHWORKS PLAN	
0	14.05.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTER	A. KIANFAR					
					DRAFTING CHECK	M.MARTIN					
					DESIGNER	A. KIANFAR					
					DESIGN CHECK	D.ROSBOROUGH					
					DESIGN MANAGER	M. PATMORE	CO-ORDINATE SYSTEM: MGA 2020 ZONE 56		HEIGHT DATUM: A.H.D.		
					PROJECT MANAGER	E. LAM	CLIENT PROJECT / DRAWING No		ISSUE STATUS	CONSTRUCTION	
							JJR PROJECT / DRAWING No		JJR-1200312A-CV026	ISSUE	0



LEGEND

LOT BOUNDARY	- - - - -
PROPOSED SIGNAGE	
DIVIDING LINES	
TWO LANE ROADS	— BDL —
BARRIER LINE	— SBL —
SINGLE	— ODBL —
ONE DIRECTION	— DBL —
BOTH DIRECTIONS	— DBL —
LANE LINE	
CONTINUOUS LANE LINE	— CLL —
BROKEN LANE LINE	— BLL —
EDGE LINE	— EL —
CONTINUITY LINE	- - CL - -
OUTLINE MARKING	
GIVEWAY LINE	- - - - -
EXCLUSIVE TURN ARROW	
RAISED PAVEMENT MARKERS	
RETROREFLECTIVE RAISED PAVEMENT MARKER:	
UNIDIRECTIONAL WHITE (36m SPACING)	
UNIDIRECTIONAL YELLOW (12m SPACING)	
BIDIRECTIONAL YELLOW (12m SPACING)	
ROAD EDGE GUIDE POSTS	
GUIDE POST (REFER TMR STD DRG 1356)	.GP

JOINS DRG - CV027

JOINS DRG - CV029

JOINS DRG - CV031

NO THROUGH ROAD
G9-18



ALL CHEVRON WIDTHS = 1.0m AND SPACING BETWEEN CHEVRONS = 4.0m

ALL PAINTED CHEVRONS AND RETROREFLECTIVE RAISED PAVEMENT MARKERS TO BE IN ACCORDANCE WITH FIGURES 5.6 AND 5.25, PART 2 OF TMR'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



2 x D4-1-1B SIGHTBOARDS INSTALLED IN ACCORDANCE WITH TMR STD DRG 1452

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RPEQ No.: 13297 DATE: 05 AUGUST 2021

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100 mm ON ORIGINAL
A3 ORIGINAL

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DESIGN LOT CODE	PLOT DATE	TIME
CIVIL	09 August 2021	14:19:22

DVF No	APPROVAL	TITLE	NAME
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N/A	MP	DRAFTING CHECK	M.MARTIN
N/A	MP	DESIGNER	A. KIANFAR
		DESIGN CHECK	D.ROSBOROUGH
		DESIGN MANAGER	M. PATMORE
		PROJECT MANAGER	E. LAM

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PRINCIPAL:

DESIGNER:

SCALES AT A3 SIZE DRAWING

SCALE 1:500

CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D.

GYMPIE REGIONAL COUNCIL

WOOLLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1
DEVELOPMENT APPLICATION NO. 2020-1577
SIGNAGE AND LINEMARKING PLAN
SHEET 2 OF 7

CLIENT PROJECT / DRAWING No: JJR-1200312A-CV028
ISSUE STATUS: CONSTRUCTION
ISSUE: 2



LEGEND

LOT BOUNDARY	- - - - -
PROPOSED SIGNAGE	
DIVIDING LINES	
TWO LANE ROADS	— BDL —
BARRIER LINE	
SINGLE	— SBL —
ONE DIRECTION	— ODBL —
BOTH DIRECTIONS	— DBL —
LANE LINE	
CONTINUOUS LANE LINE	— CLL —
BROKEN LANE LINE	— BLL —
EDGE LINE	
CONTINUITY LINE	— CL —
OUTLINE MARKING	OM
GIVEWAY LINE	GWL
EXCLUSIVE TURN ARROW	
RAISED PAVEMENT MARKERS	
RETROREFLECTIVE RAISED PAVEMENT MARKER:	
UNIDIRECTIONAL WHITE (36m SPACING)	
UNIDIRECTIONAL YELLOW (12m SPACING)	
BIDIRECTIONAL YELLOW (12m SPACING)	
ROAD EDGE GUIDE POSTS	
GUIDE POST (REFER TMR STD DRG 1356)	GP

420

400

380

360

340

320

300

JOINS DRG - CV033

JOINS DRG - CV031

1m
6m
1m

GP EL
BDL
GP EL

LS18.456
8°22'18"

2

2 GP

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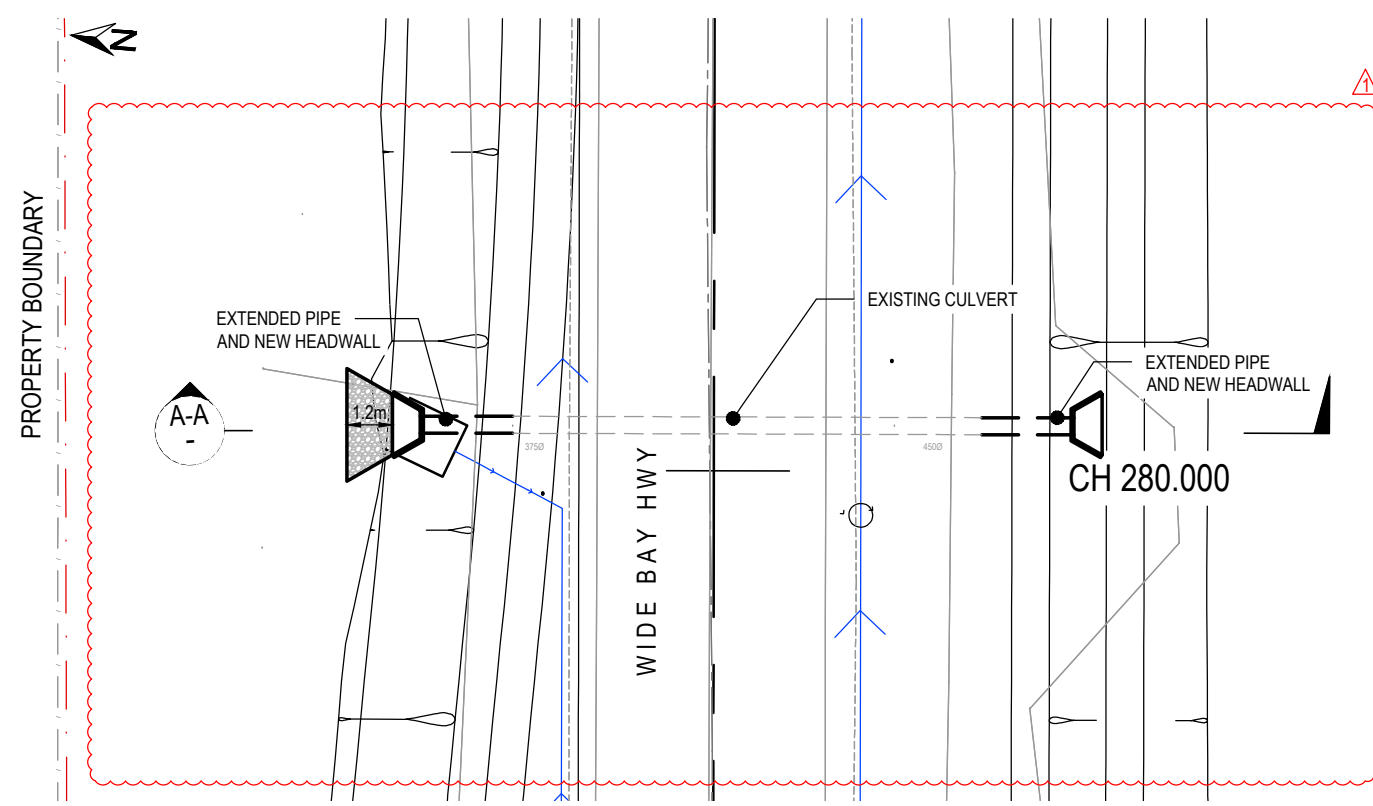
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RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:20:02	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL			
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DRAFTER A. KIANFAR DRAFTING CHECK M. MARTIN DESIGNER A. KIANFAR DESIGN CHECK D. ROSBOROUGH DESIGN MANAGER M. PATMORE PROJECT MANAGER E. LAM							SCALES AT A3 SIZE DRAWING SCALE 1:500		CLIENT PROJECT / DRAWING No JJR-1200312A-CV032			
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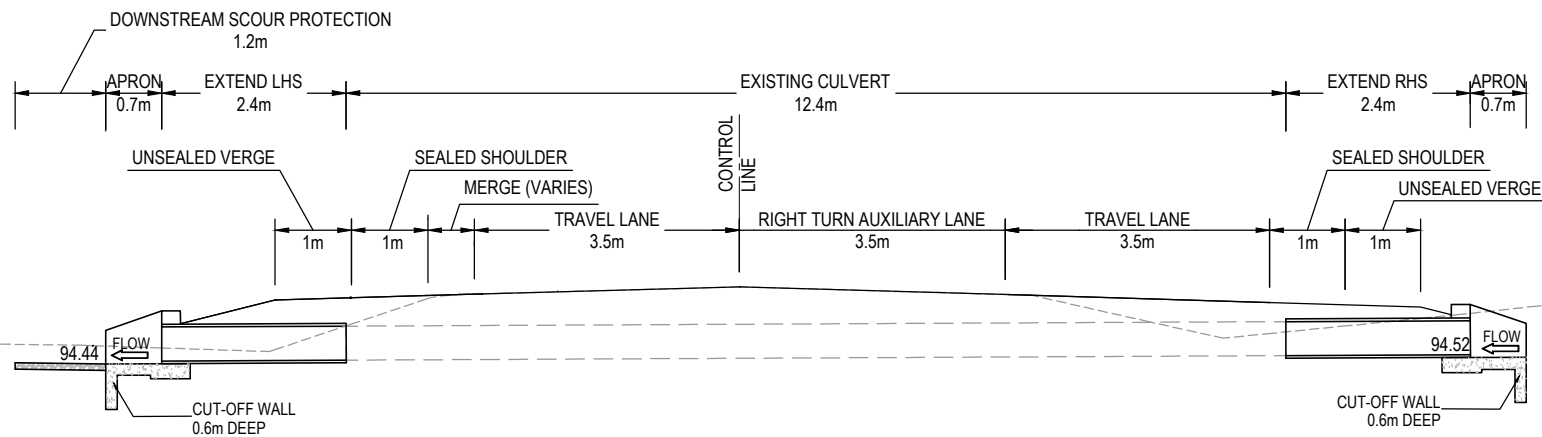
STORMWATER DRAINAGE NOTES

1. EROSION AND SEDIMENT CONTROL WORKS TO BE INSTALLED PRIOR TO COMMENCEMENT OF SITEWORKS. CONTRACTOR IS TO PREPARE AND IMPLEMENT EROSION AND SEDIMENT CONTROL PROCEDURES AS PER COUNCIL AND STATE GOVERNMENT POLICIES.
2. ALL STORMWATER DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH TMR'S STD. DRG'S AND SPECIFICATIONS.
3. FOR CONSTRUCTION OF HEADWALLS AND WINGWALLS, GENERAL ARRANGEMENT AND INSTALLATION OF PRECAST UNITS REFER TMR STD DRG No. 1305.
4. FOR INSTALLATION, BEDDING AND FILLING/BACKFILLING AGAINST/OVER CULVERT REFER TMR STD DRG No. 1359.
5. FOR REINFORCING STEEL STANDARD BAR SHAPES REFER TMR STD DRG No. 1043. FOR REINFORCING STEEL LAP LENGTHS REFER TMR STD DRG No. 1044.
6. ALL CONCRETE STORMWATER COMPONENTS TO BE EXPOSURE CLASS B.1
7. CLASS OF CULVERTS HAVE BEEN DESIGNED FOR IN SERVICE CONDITIONS. CONTRACTOR TO ADVISE SUPERINTENDENT OF PROPOSED CONSTRUCTION METHODOLOGIES PRIOR TO UNDERTAKING THE WORKS.
8. ANY LOCALISED EARTHWORKS TO BE TOPSOILED, COMPACTED AND GRASS SEED TO ITS ORIGINAL CONDITION.
9. REINFORCING DETAILS AND QUANTITIES ARE PROVIDED AS AN ESTIMATE ONLY, AND DO NOT ACCOUNT FOR VARYING CONSTRUCTION METHODS, WASTAGE ETC, AND ARE TO BE CONFIRMED BY THE CONTRACTOR VIA DETAILED QUANTITY TAKE-OFFS FROM THE RELEVANT TMR STD. DRGS.
10. CUT OFF WALLS TO BE PROVIDED UPSTREAM AND DOWNSTREAM REFER TMR STD DRG No. 1305. ALL CULVERT LENGTHS ARE MEASURED FROM ALONG THE CENTERLINE OF EACH CELL OR BARREL OF THE CULVERT
11. CONTRACTOR TO LOCALLY CUT/FILL AND SHAPE INLET AND OUTLET DRAINS OF CULVERTS TO ENSURE POSITIVE DRAINAGE WITH NO ABRUPT CHANGES IN ELEVATION IN DIRECTION OF FLOW,
12. PROPOSED RIP-RAP ROCK PROTECTION. ROCK NOMINAL SIZE: 200mm.



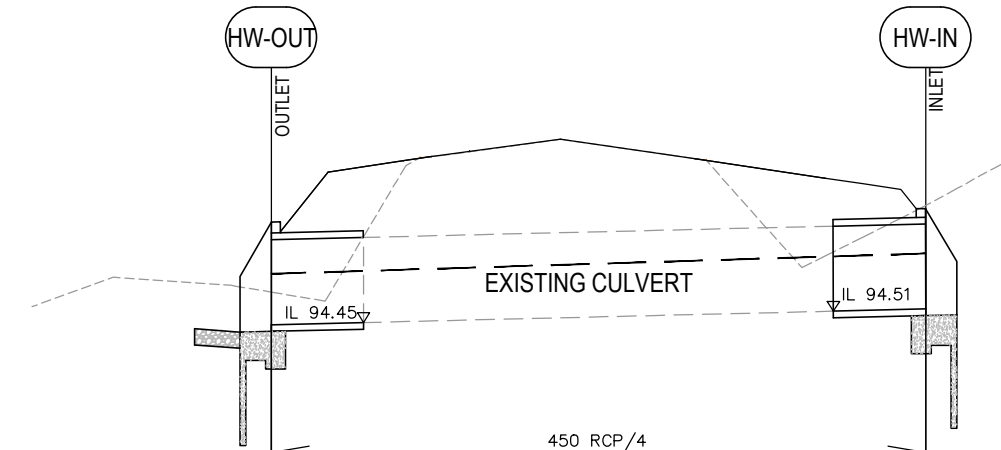
CULVERT GENERAL ARRANGEMENT PLAN

SCALE: 1:200



SECTION A-A

SCALE: 1:100



PIPE SIZE/Class	450 RCP/4	
PIPE GRADE	0.49%	
PIPE SLOPE 1 in X	203.33	
FULL PIPE FLOW VELOCITY (m/s)	1.500	
PART FULL FLOW VELOCITY (m/s)	1.700	
DATUM RL	92.50	
PIPE FLOW (m3/s)	0.149	
PIPE CAPACITY AT GRADE (m3/s)	0.207	
FREEBOARD	0.180	0.157
HYDRAULIC GRADE LEVEL	94.708	94.815
DEPTH TO INVERT	0.495	0.530
INVERT LEVEL	94.438	94.522
DESIGN SURFACE	94.933	95.052
CHAINAGE	0	17.31

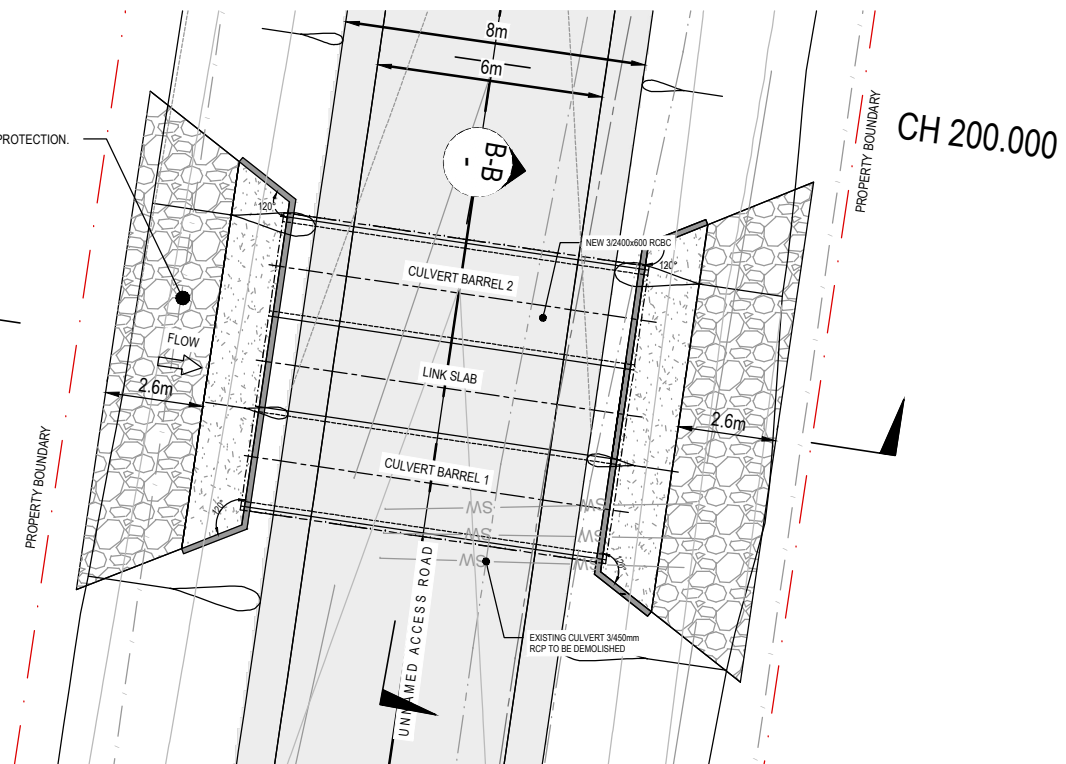
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CIVIL WORKS
 SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
 RPEQ No.: 13297 DATE: 05 AUGUST 2021

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REV 0 1 2	DATE 18.03.21 14.05.21 25.05.21	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION ISSUE CONSTRUCTION ISSUE CONSTRUCTION ISSUE	DVF No. N/A N/A N/A	APPROVAL MP MP MP	TITLE DRAFTER A.KIANFAR	NAME M.MARTIN	PRINCIPAL DESIGNER A.KIANFAR
					DESIGN CHECK D.ROSBOROUGH	DESIGN MANAGER M. PATMORE	PROJECT MANAGER E. LAM
					SCALES AT A3 SIZE DRAWING SCALE 1:200 VERTICAL 1:40 HORIZONTAL 1:200 SCALE OF METERS (A3 SHEET)	CO-ORDINATE SYSTEM: MGA 2020 ZONE 56 HEIGHT DATUM: A.H.D.	CLIENT PROJECT / DRAWING No JJR-1200312A-CV034
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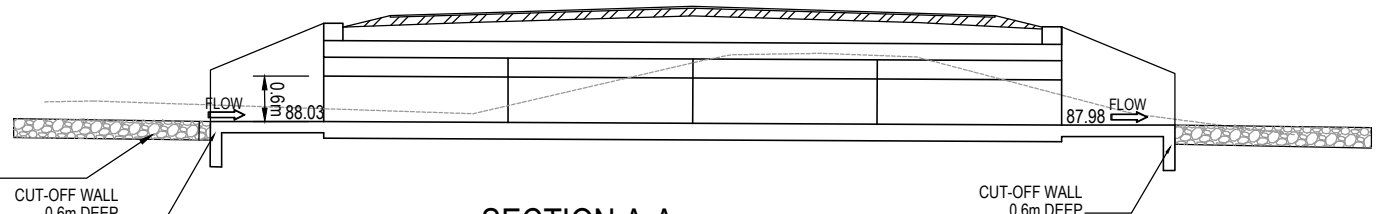
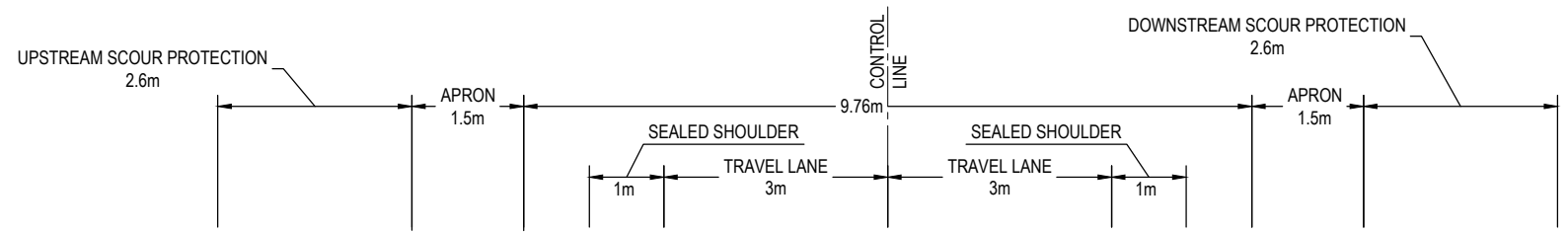
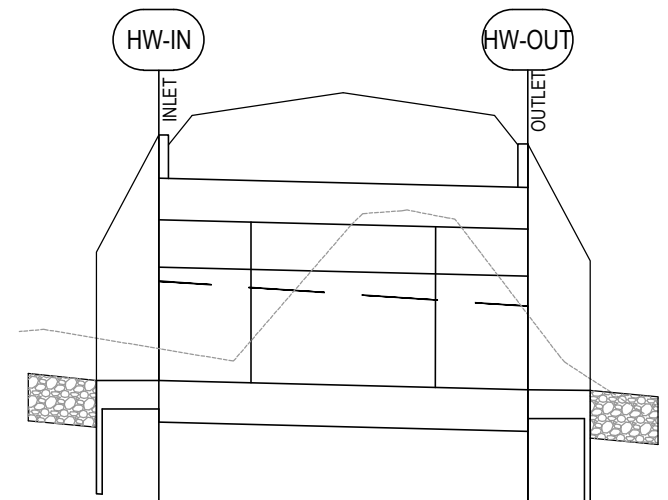
STORMWATER DRAINAGE NOTES

1. EROSION AND SEDIMENT CONTROL WORKS TO BE INSTALLED PRIOR TO COMMENCEMENT OF SITEWORKS. CONTRACTOR IS TO PREPARE AND IMPLEMENT EROSION AND SEDIMENT CONTROL PROCEDURES AS PER COUNCIL AND STATE GOVERNMENT POLICIES.
2. ALL STORMWATER DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH TMR'S STD. DRG'S AND SPECIFICATIONS.
3. FOR CONSTRUCTION OF HEADWALLS AND WINGWALLS, GENERAL ARRANGEMENT AND INSTALLATION OF PRECAST UNITS REFER TMR STD DRG No. 1260.
4. FOR INSTALLATION, BEDDING AND FILLING/BACKFILLING AGAINST/OVER CULVERT REFER TMR STD DRG No. 1359.
5. FOR REINFORCING STEEL STANDARD BAR SHAPES REFER TMR STD DRG No. 1043. FOR REINFORCING STEEL LAP LENGTHS REFER TMR STD DRG No. 1044.
6. ALL CONCRETE STORMWATER COMPONENTS TO BE EXPOSURE CLASS B.1. NEW BOX CULVERT CROWNS ARE TO BE 1.2m OR 2.4m LONG. THE CONTRACTOR IS TO CONFIRM THE STORMWATER SETOUT FOR BASE SLAB AND APRONS SUITS THE RCBC CROWN LENGTHS AND DIMENSIONS PRIOR TO CONSTRUCTION.
7. CLASS OF CULVERTS HAVE BEEN DESIGNED FOR IN SERVICE CONDITIONS. CONTRACTOR TO ADVISE SUPERINTENDENT OF PROPOSED CONSTRUCTION METHODOLOGIES PRIOR TO UNDERTAKING THE WORKS.
8. ANY LOCALISED EARTHWORKS TO BE TOPSOILED, COMPACTED AND GRASS SEEDING TO ITS ORIGINAL CONDITION.
9. REINFORCING DETAILS AND QUANTITIES ARE PROVIDED AS AN ESTIMATE ONLY, AND DO NOT ACCOUNT FOR VARYING CONSTRUCTION METHODS, WASTAGE ETC. AND ARE TO BE CONFIRMED BY THE CONTRACTOR VIA DETAILED QUANTITY TAKE-OFFS FROM THE RELEVANT TMR STD. DRGS.
10. CUT OFF WALLS TO BE PROVIDED UPSTREAM AND DOWNSTREAM REFER TMR STD DRG No. 1250. ALL CULVERT LENGTHS ARE MEASURED FROM ALONG THE CENTERLINE OF EACH CELL OR BARREL OF THE CULVERT.
11. CONTRACTOR TO LOCALLY CUT/FILL AND SHAPE INLET AND OUTLET DRAINS OF CULVERTS TO ENSURE POSITIVE DRAINAGE WITH NO ABRUPT CHANGES IN ELEVATION IN DIRECTION OF FLOW.
12. PROPOSED RIP-RAP ROCK PROTECTION. ROCK NOMINAL SIZE: 200mm.



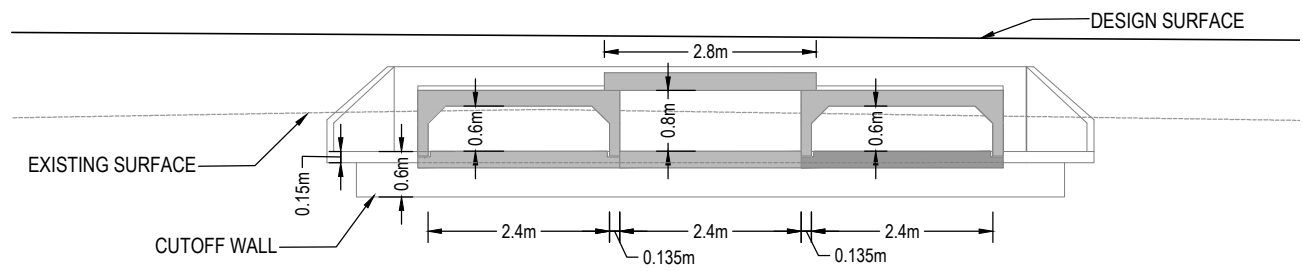
CULVERT GENERAL ARRANGEMENT PLAN

SCALE: 1:200



SECTION A-A

SCALE: 1:100



SECTION B-B

SCALE: 1:100

PIPE SIZE/Class	3/2400x600 SLBC (2/2400x600RCBC+1/2400RCSS)	
PIPE GRADE	0.49%	
PIPE SLOPE 1 in X	203.33	
FULL PIPE FLOW VELOCITY (m/s)	1.570	
PART FULL FLOW VELOCITY (m/s)	2.170	
DATUM RL	86.00	
PIPE FLOW (m3/s)	6.80	
PIPE CAPACITY AT GRADE (m3/s)	15.48	
FREEBOARD	0.074	0.158
HYDRAULIC GRADE LEVEL	88.559	88.426
DEPTH TO INVERT	0.546	0.541
INVERT LEVEL	88.03	87.98
DESIGN SURFACE	89.279	89.279
CHAINAGE	0	9.760

DRAWING FILE LOCATION NAME
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CIVIL WORKS
SIGNED: MICHAEL PATMORE TITLE: PRINCIPAL ENGINEER
RPEQ No.: 13297 DATE: 05 AUGUST 2021

EXTERNAL REFERENCE FILES		DESIGN LOT CODE CIVIL	PLOT DATE 09 August 2021	TIME 14:20:35	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	GYMPIE REGIONAL COUNCIL			
REV	DATE	AMENDMENT / REVISION DESCRIPTION	DWF No	APPROVAL	TITLE	NAME	WOOLLOOGA SOLAR FARM - ROAD & INTERSECTION UPGRADES - SITE 1		
0	18.03.21	CONSTRUCTION ISSUE	N/A	MP	DRAFTER	A.KIANFAR	DEVELOPMENT APPLICATION NO. 2020-1577		
					DRAFTING CHECK	M.MARTIN	STORMWATER DRAINAGE UPGRADE		
					DESIGNER	A.KIANFAR	SHEET 1 OF 1		
					DESIGN CHECK	D.ROSBOROUGH	ISSUE STATUS: CONSTRUCTION		
					DESIGN MANAGER	M. PATMORE	JJR PROJECT / DRAWING No: JJR-1200312A-CV035		
					PROJECT MANAGER	E. LAM	ISSUE: 0		

Appendix 13 –

Delineating no-go zones – Photos and Induction Slides







SITE SPECIFIC ENVIRONMENTAL ISSUES

Site-specific Environmental issues include, but is not limited to:

- Erosion and sedimentation control is in place to prevent water and sediment runoff to adjoining lands. All workers are to ensure that measures are not damaged or altered. Any changes to these are to be reported to PCL;
- All project workers are to remain inside the Project boundaries and to avoid causing any damage to any remnant native vegetation in the vicinity of the construction site, workers can only access areas outside the fence line with Lightsource bp permission;



SITE SPECIFIC ENVIRONMENTAL ISSUES

- Environmentally sensitive areas include remnant vegetation located on and around the project. These areas are not to be entered and include a buffer zone of 25m surrounding them.
- Environmentally sensitive areas are flagged off with orange flagging and signed.
- All construction activities need to minimize noise and vibration to avoid disturbance of residents and nearby properties;
- Waste bins are located throughout the project and all contractors are required to apply good waste management principles including waste separation and recycling.





ENVIRONMENTAL REQUIREMENTS

- Correct Waste Management particularly separation of waste materials.
- Correct storage and handling of any dangerous or hazardous materials.
- Correct management of fuel storage areas including fuel deliveries to site.
 - Appropriate bunding and spill containment measures in place.
- Maintain environmental controls such as silt fences and rock filters.
- Workers prohibited from entering flagged off and signed environmentally sensitive areas.



Appendix 14 –

Waterway Barrier Works DA forms and Culvert Plan



Template 4 – Waterway barrier works

(version 1.1)

This template must be completed and submitted with *DA Form 1 – Development application details* for all development applications operational works involving waterway barrier works.

It is mandatory to complete the details in all applicable parts in this form and provide any supporting information that is required to accompany your development application, unless stated otherwise.

Additional pages may be attached if there is insufficient space on this template for any questions.

Note: All terms used within this template have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules), Fisheries Act 1994 and Fisheries Regulation 2008.

Part 1 – DEVELOPMENT DETAILS

1) Has a Fish Movement Exemption Notice been issued for the proposed works?	<input type="checkbox"/> Yes – a copy of the Fish Movement Exemption Notice for the proposed work is attached <input checked="" type="checkbox"/> No – details of how the proposed work provides for adequate fish movement is attached
---	--

2) What is the nature of the proposed waterway barrier(s)? <i>(tick all applicable boxes)</i>	<input checked="" type="checkbox"/> New construction <input type="checkbox"/> Temporary <input type="checkbox"/> Partial	<input type="checkbox"/> Raise existing <input type="checkbox"/> Permanent <input type="checkbox"/> Bank to bank
--	--	--

3) What type is the proposed work? <i>(tick all applicable boxes)</i> <i>Note: An individual section must be completed for each barrier relevant to this development application. Also ensure that the relevant plans that accompany the development application identify the location of existing works and proposed works.</i>	Type	Number of barriers	Parts to complete
	<input type="checkbox"/> Dam, weir or a barrage		2 only
	<input checked="" type="checkbox"/> Culvert		3 only
	<input type="checkbox"/> Causeway		4 only
	<input type="checkbox"/> Bridge pylon (abutments or pile foundations)		4 only
	<input type="checkbox"/> Flow-control structure such as a floodgate		4 only
	<input type="checkbox"/> Pollution-control device (e.g. trash rack or boom gate)		4 only
	<input type="checkbox"/> Levee bank across a waterway		4 only
<input type="checkbox"/> Other – specify below (e.g. groyne, construction platform, sediment curtain, causeway)		4 only	

Part 2 – CONSTRUCTING A NEW OR RAISING/MODIFYING AN EXISTING DAM, WEIR, BARRAGE, BUND WALL, COFFER DAM OR OTHER SIMILAR STRUCTURES

Note: If the development application involves more than one barrier relating to this part, generate another part 2 and attach to the application.

4) What is the proposed development application seeking approval for?	<input type="checkbox"/> New barrier	<input type="checkbox"/> Raising/modifying an existing barrier
---	--------------------------------------	--

5) Briefly describe the type of barrier proposed <i>(i.e. dam, weir, tidal barrage)</i>	
--	--



6) If the barrier is temporary (*in place less than 12 months*) how many days will the barrier be in place?

--

7) Will the barrier extend across the waterway from bank to bank?

<input type="checkbox"/> Yes, go to question 8 <input type="checkbox"/> No	
---	--

7.1) What is the length of the proposed barrier? (*across the waterway*)

	metres
--	--------

7.2) What is the width of the waterway? (*bank to bank*)

	metres
--	--------

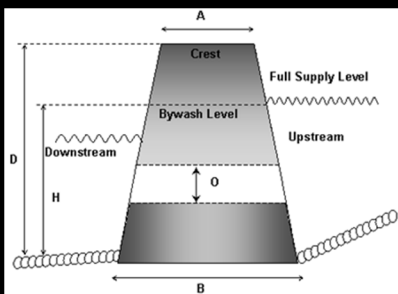
8) What is the purpose of the proposed barrier? (*e.g. creating a new or increasing the capacity of the existing water storage, maintenance work*)

--

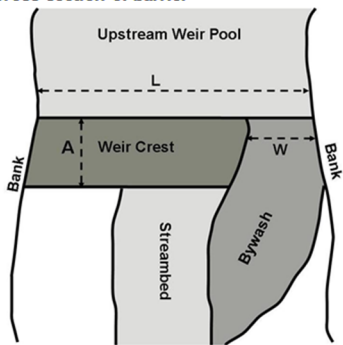
9) What are the details of the proposed construction materials? (*e.g. earth, concrete, rock fill, steel, timber, sand*)

--

10) Provide the following details of the proposed barrier in reference to the diagrams below.



Cross section of barrier



Aerial view of waterway

Total crest height (D)		metres
Thickness (A) of crest		metres
Height of spillway/bywash (H)		metres
Width of spillway/bywash inlet (W)		metres
Base width (B)		metres
Internal diameter (O) of outlet pipe/works and discharge capacity		millimetres
Length of wall (L)		metres
Distance of backup from barrier wall at full supply level		metres
Volume of storage		megalitres
If raising an existing waterway barrier, additional height above existing crest		metres
If raising an existing waterway barrier, method of raising (e.g. capping crest, inflatable bag, gates etc.).		

Part 3 – CONSTRUCTING A NEW OR MODIFYING (INCLUDING MAINTENANCE AND REPLACEMENT OF) AN EXISTING CULVERT

Note: If the development application involves more than one culvert relating to this part, please generate another part 3 and attach to the application.

11) What is the nature of the proposed work?	<input checked="" type="checkbox"/> Construction of a new culvert <input type="checkbox"/> Maintenance of an existing culvert <input type="checkbox"/> Replacement of an existing culvert
--	---

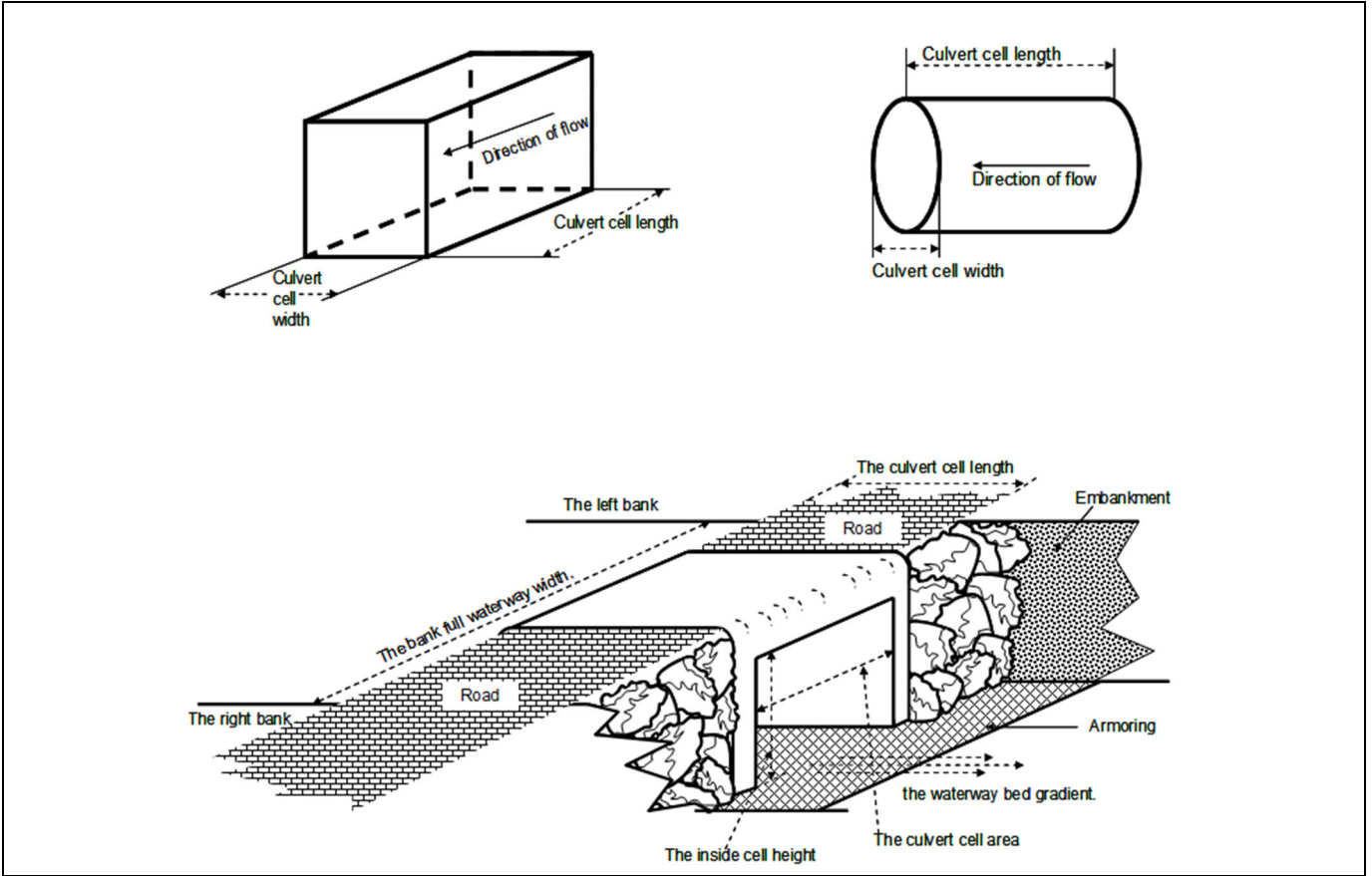
12) What is the purpose of the proposed culvert?	Internal access road crossing existing valleys and waterways
--	--

13) If the culvert is temporary (<i>in place less than 12 months</i>) how many days will the culvert be in place?	Not temporary
---	---------------

14) Will the culvert extend across the waterway from bank to bank?	<input checked="" type="checkbox"/> Yes, go to question 15 <input type="checkbox"/> No	
14.1) What is the length of the proposed culvert? (<i>across the waterway</i>)		metres
14.2) What is the width of the waterway? (<i>bank to bank</i>)		metres

15) What type of culvert is proposed? (<i>Tick all applicable boxes</i>)	<input checked="" type="checkbox"/> Box culvert <input type="checkbox"/> Combination culvert	<input type="checkbox"/> Arch culvert <input type="checkbox"/> Other – please specify	<input type="checkbox"/> Pipe culvert <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
---	---	--	--

16) In reference to the diagrams below, provide the following details of the proposed culvert.	How many culvert cells are there?	3	
	What is the upstream downstream culvert cell length?	Gympie Regional Council Specifications to be met	metres
	What is the inside cell width of each culvert (or diameter of pipe culvert)?	Gympie Regional Council Specifications to be met	metres
	What is the internal height within the culvert cell?	Gympie Regional Council Specifications to be met	metres



Part 4 – CONSTRUCTING NEW OR MODIFYING (INCLUDING MAINTENANCE AND REPLACEMENT) AN EXISTING WATERWAY BARRIER EXCEPT THOSE LISTED IN PARTS 2 AND 3

Note: If the development application involves more than one barrier relating to this part, please generate another part 4 and attach to the application.

17) What is the nature of the proposed work?	<input type="checkbox"/> Construction of a new barrier <input type="checkbox"/> Maintenance of an existing barrier <input type="checkbox"/> Replacement of an existing barrier
--	--

18) Briefly describe the proposed barrier.	
--	--

19) If the barrier is temporary (<i>in place less than 12 months</i>) how many days will the barrier be in place?	
---	--

20) Will the barrier extend across the waterway from bank to bank?	<input type="checkbox"/> Yes, complete question 20.1 and 20.2 <input type="checkbox"/> No	
20.1) What is the length of proposed barrier? (<i>across the waterway</i>)		metres
20.2) What is the width of the waterway? (<i>bank to bank</i>)		metres

21) What is the purpose of the proposed barrier?

--

22) What is the maximum height of the proposed barrier above the existing bed level?

--

metres

23) What are the proposed construction materials? (e.g. earth, concrete, rock fill, timber, sand)

--

24) Does the barrier follow the natural gradient of the bed level?

- Yes
 No

Template 4 – Waterway barrier works

(version 1.1)

This template must be completed and submitted with *DA Form 1 – Development application details* for all development applications operational works involving waterway barrier works.

It is mandatory to complete the details in all applicable parts in this form and provide any supporting information that is required to accompany your development application, unless stated otherwise.

Additional pages may be attached if there is insufficient space on this template for any questions.

Note: All terms used within this template have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules), Fisheries Act 1994 and Fisheries Regulation 2008.

Part 1 – DEVELOPMENT DETAILS

1) Has a Fish Movement Exemption Notice been issued for the proposed works?	<input type="checkbox"/> Yes – a copy of the Fish Movement Exemption Notice for the proposed work is attached <input checked="" type="checkbox"/> No – details of how the proposed work provides for adequate fish movement is attached
---	--

2) What is the nature of the proposed waterway barrier(s)? <i>(tick all applicable boxes)</i>	<input checked="" type="checkbox"/> New construction <input type="checkbox"/> Temporary <input type="checkbox"/> Partial	<input type="checkbox"/> Raise existing <input type="checkbox"/> Permanent <input type="checkbox"/> Bank to bank
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3) What type is the proposed work? <i>(tick all applicable boxes)</i> <i>Note: An individual section must be completed for each barrier relevant to this development application. Also ensure that the relevant plans that accompany the development application identify the location of existing works and proposed works.</i>	Type	Number of barriers	Parts to complete
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	<input type="checkbox"/> Bridge pylon (abutments or pile foundations)		4 only
	<input type="checkbox"/> Flow-control structure such as a floodgate		4 only
	<input type="checkbox"/> Pollution-control device (e.g. trash rack or boom gate)		4 only
	<input type="checkbox"/> Levee bank across a waterway		4 only
<input type="checkbox"/> Other – specify below (e.g. groyne, construction platform, sediment curtain, causeway)		4 only	

Part 2 – CONSTRUCTING A NEW OR RAISING/MODIFYING AN EXISTING DAM, WEIR, BARRAGE, BUND WALL, COFFER DAM OR OTHER SIMILAR STRUCTURES

Note: If the development application involves more than one barrier relating to this part, generate another part 2 and attach to the application.

4) What is the proposed development application seeking approval for?	<input type="checkbox"/> New barrier	<input type="checkbox"/> Raising/modifying an existing barrier
---	--------------------------------------	--

5) Briefly describe the type of barrier proposed <i>(i.e. dam, weir, tidal barrage)</i>	
--	--



6) If the barrier is temporary (*in place less than 12 months*) how many days will the barrier be in place?

--

7) Will the barrier extend across the waterway from bank to bank?

<input type="checkbox"/> Yes, go to question 8 <input type="checkbox"/> No	
---	--

7.1) What is the length of the proposed barrier? (*across the waterway*)

	metres
--	--------

7.2) What is the width of the waterway? (*bank to bank*)

	metres
--	--------

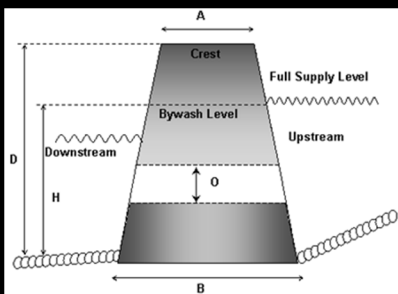
8) What is the purpose of the proposed barrier? (*e.g. creating a new or increasing the capacity of the existing water storage, maintenance work*)

--

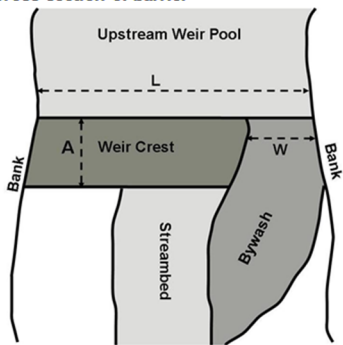
9) What are the details of the proposed construction materials? (*e.g. earth, concrete, rock fill, steel, timber, sand*)

--

10) Provide the following details of the proposed barrier in reference to the diagrams below.



Cross section of barrier



Aerial view of waterway

Total crest height (D)		metres
Thickness (A) of crest		metres
Height of spillway/bywash (H)		metres
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Base width (B)		metres
Internal diameter (O) of outlet pipe/works and discharge capacity		millimetres
Length of wall (L)		metres
Distance of backup from barrier wall at full supply level		metres
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--	---

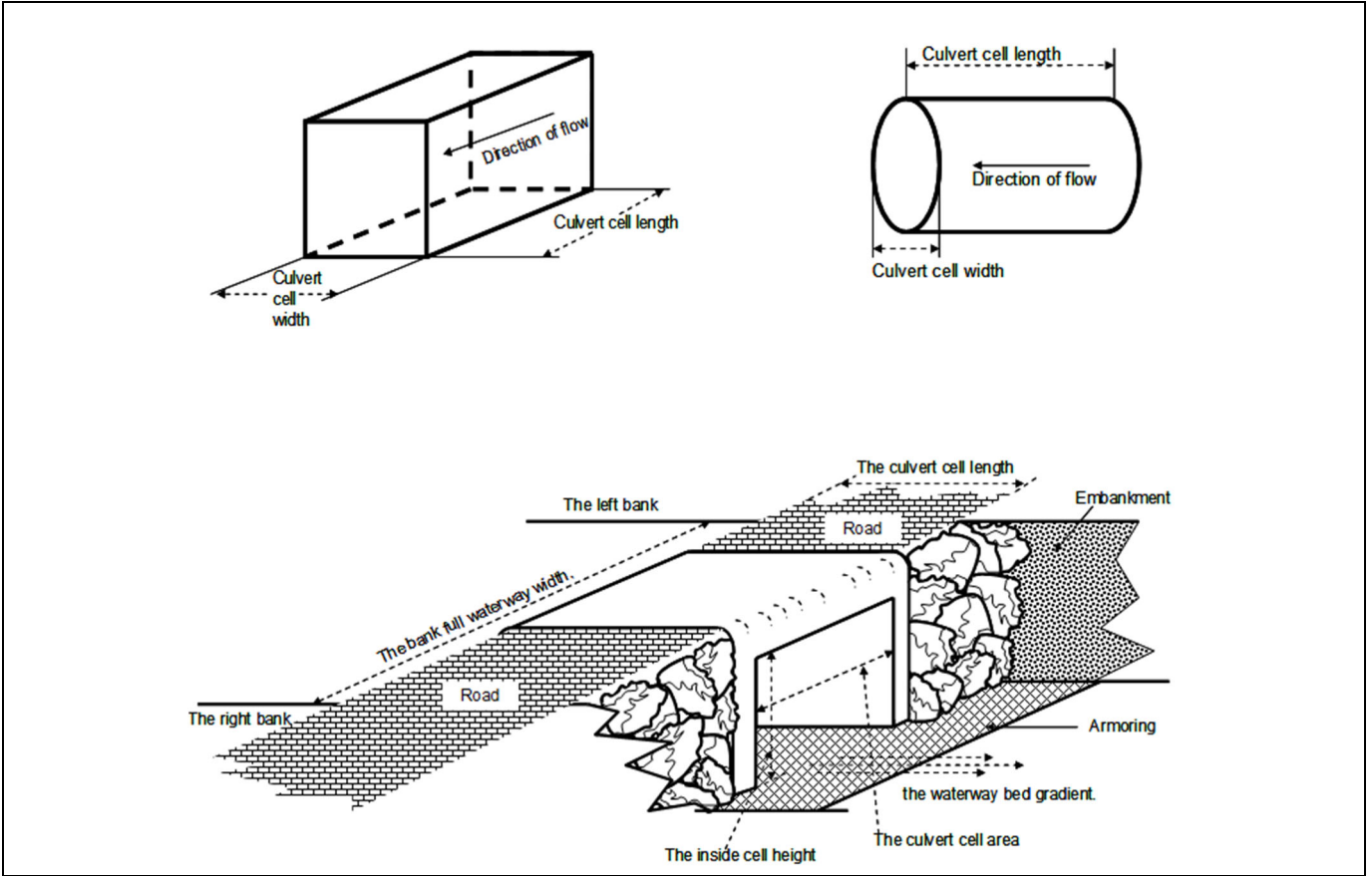
12) What is the purpose of the proposed culvert?	Internal access road crossing existing valleys and waterways
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---	---------------

14) Will the culvert extend across the waterway from bank to bank?	<input checked="" type="checkbox"/> Yes, go to question 15 <input type="checkbox"/> No	
14.1) What is the length of the proposed culvert? (<i>across the waterway</i>)		metres
14.2) What is the width of the waterway? (<i>bank to bank</i>)		metres

15) What type of culvert is proposed? (<i>Tick all applicable boxes</i>)	<input checked="" type="checkbox"/> Box culvert <input type="checkbox"/> Combination culvert	<input type="checkbox"/> Arch culvert <input type="checkbox"/> Other – please specify	<input type="checkbox"/> Pipe culvert <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
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16) In reference to the diagrams below, provide the following details of the proposed culvert.	How many culvert cells are there?	3	
	What is the upstream downstream culvert cell length?	Gympie Regional Council Specifications to be met	metres
	What is the inside cell width of each culvert (or diameter of pipe culvert)?	Gympie Regional Council Specifications to be met	metres
	What is the internal height within the culvert cell?	Gympie Regional Council Specifications to be met	metres



Part 4 – CONSTRUCTING NEW OR MODIFYING (INCLUDING MAINTENANCE AND REPLACEMENT) AN EXISTING WATERWAY BARRIER EXCEPT THOSE LISTED IN PARTS 2 AND 3

Note: If the development application involves more than one barrier relating to this part, please generate another part 4 and attach to the application.

17) What is the nature of the proposed work?	<input type="checkbox"/> Construction of a new barrier <input type="checkbox"/> Maintenance of an existing barrier <input type="checkbox"/> Replacement of an existing barrier
--	--

18) Briefly describe the proposed barrier.	
--	--

19) If the barrier is temporary (<i>in place less than 12 months</i>) how many days will the barrier be in place?	
---	--

20) Will the barrier extend across the waterway from bank to bank?	<input type="checkbox"/> Yes, complete question 20.1 and 20.2 <input type="checkbox"/> No	
20.1) What is the length of proposed barrier? (<i>across the waterway</i>)		metres
20.2) What is the width of the waterway? (<i>bank to bank</i>)		metres

21) What is the purpose of the proposed barrier?

--

22) What is the maximum height of the proposed barrier above the existing bed level?

--

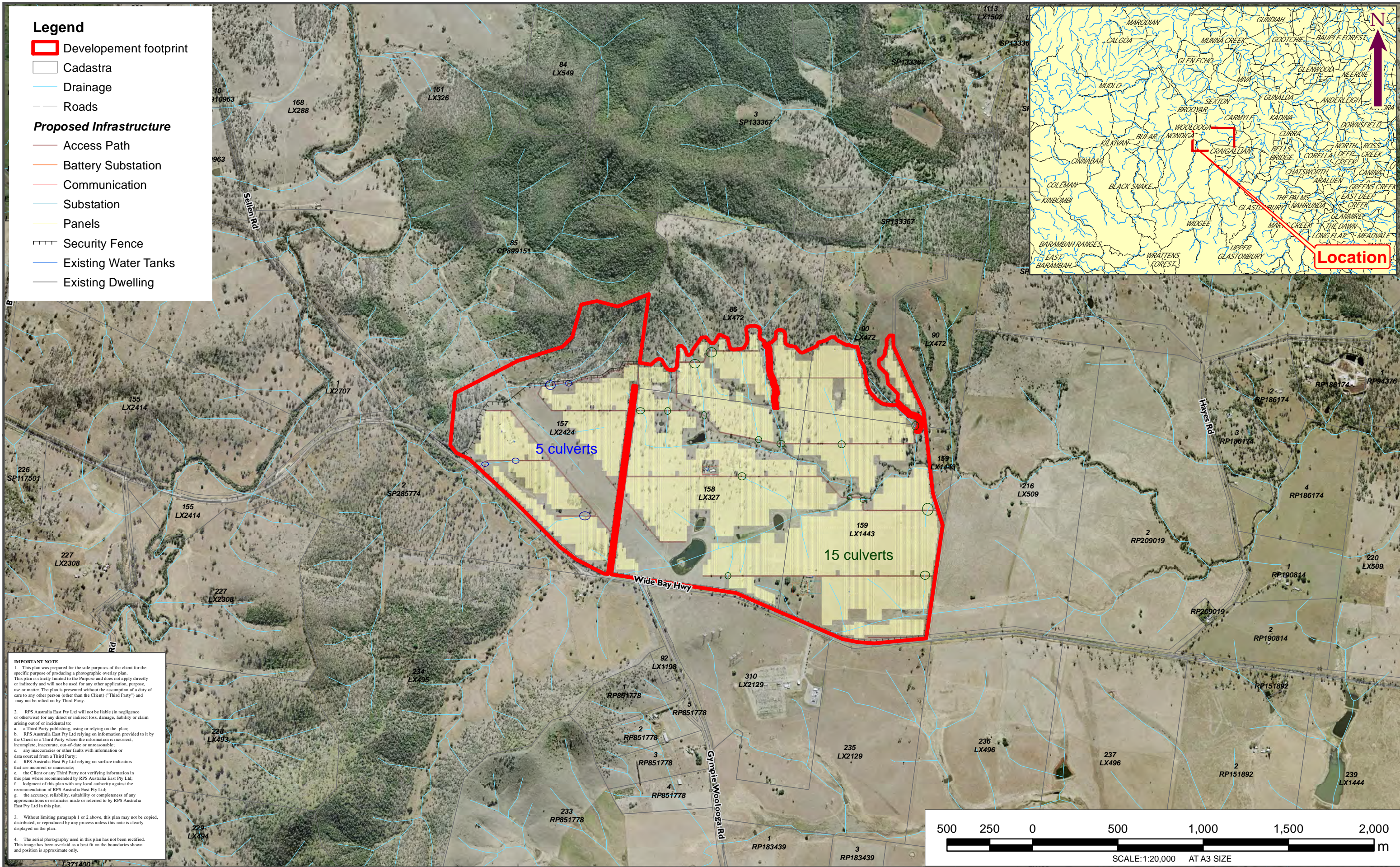
metres

23) What are the proposed construction materials? (e.g. earth, concrete, rock fill, timber, sand)

--

24) Does the barrier follow the natural gradient of the bed level?

- Yes
 No



IMPORTANT NOTE

- This plan was prepared for the sole purposes of the client for the specific purpose of producing a photographic overlay plan. This plan is strictly limited to the Purpose and does not apply directly or indirectly and will not be used for any other application, purpose, use or matter. The plan is presented without the assumption of a duty of care to any other person (other than the Client ("Third Party") and may not be relied on by Third Party.
- RPS Australia East Pty Ltd will not be liable (in negligence or otherwise) for any direct or indirect loss, damage, liability or claim arising out of or incidental to:
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 - RPS Australia East Pty Ltd relying on information provided to it by the Client or a Third Party where the information is incorrect, incomplete, inaccurate, out-of-date or unreasonable;
 - any inaccuracies or other faults with information or data sourced from a Third Party;
 - RPS Australia East Pty Ltd relying on surface indicators that are incorrect or inaccurate;
 - the Client or any Third Party not verifying information in this plan where recommended by RPS Australia East Pty Ltd;
 - judgment of this plan with any local authority against the recommendation of RPS Australia East Pty Ltd;
 - the accuracy, reliability, suitability or completeness of any approximations or estimates made or referred to by RPS Australia East Pty Ltd in this plan.
- Without limiting paragraph 1 or 2 above, this plan may not be copied, distributed, or reproduced by any process unless this note is clearly displayed on the plan.
- The aerial photography used in this plan has not been certified. This image has been overlaid as a best fit on the boundaries shown and position is approximate only.

TITLE : FIGURE 1: LOCATION MAP - STAGE 1

LOCATION : 1706 WIDE BAY HWY WOOLLOOGA

Co-ord System: GDA 1994 MGA Zone 56
 Datum: GDA 1994
 Data Sources: RPS, Land and Property 2017

DATE : 1/05/2020
 PURPOSE: BTA

VERSION (PLAN BY): A A3 (Zach.Cotter)

PATH: Stage 1 20200331.mxd

CLIENT: LIGHTSOURCE DEVELOPMENT SERVICES AUSTRALIA PTY LTD
 JOB REF: PR146667

RPS AUSTRALIA EAST PTY LTD (ABN 44 140 292 762)
 Unit 2A, 45 Fitzroy Street, Carrington, NSW, Australia, 2294 PO Box 120, Carrington, NSW, 2294
 T: 02 4940 4200 F: 02 4940 4299 www.rpsgroup.com.au

MAKING COMPLEX EASY

Appendix 15 –

Weed Declaration certificate and image of slashing on site



Weed hygiene declaration

Part 1: Sale or supply of things

(Examples of 'things' include fodder, grain, seed, livestock, gravel, sand, soil, mulch, packing material, machinery, vehicles or water)

This declaration is valid for supplying the thing/things specified below from to (please provide dates)

1. Thing (please tick the relevant box and provide a brief description)

Fodder Grain/seeds Sand/gravel Machinery Mulch Livestock Other

Amount
(e.g. weight, size of load, number of items)

Description
(e.g. cattle, hay, dozer)

2. Has the thing been moved through, stored in, come from, or used in a place infested with:

	Yes	No	Maybe
Parthenium		X	
Giant rat's tail grass, American rat's tail grass, giant Parramatta grass, Parramatta grass		X	
Prickly acacia		X	
Other (provide details)		X	

3. If you answered 'yes' or 'maybe' in question 2, then what actions have been taken to remove or ensure that there is no weed reproductive material*? (please tick the relevant boxes and specify steps taken)

*Please refer to the definition of 'weed reproductive material' in the explanatory notes.

Nil Washing/cleaning Quarantine period Chemical treatment Certified clean Other

Steps taken

4. To the best of my knowledge the thing described above still contains a weed listed in question 2 above.

Yes	No	Maybe
	X	

I, of

town telephone

declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this declaration.

Signature Date

Part 2: Transport of contaminated things

(*Vehicle includes anything used for carrying any thing or any person by land, water or air, and includes equipment or machinery capable of moving on land)

This declaration is valid for transport and movement of vehicles and other things from to (please provide locations)

1. Movement of vehicles—The vehicle described as: make

registration no. or engine/frame no. was clean* prior to entry to (destination)

*Please refer to the definition of 'clean' in the explanatory notes.

2. Transport of contaminated things—If you are transporting anything contaminated or possibly contaminated with any declared weed, what actions are being used to contain the weed reproductive material?

Nil Covered with tarpaulin Enclosed within container Chemically treated Other

Actions:

I,* of

town state telephone

*If same as Part 1 please write 'as above'

declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this declaration.

Signature Date

Weed hygiene declaration

Part 1: Sale or supply of things

(Examples of 'things' include fodder, grain, seed, livestock, gravel, sand, soil, mulch, packing material, machinery, vehicles or water)

This declaration is valid for supplying the thing/things specified below from 22-3-22 to 01-7-22 (please provide dates)

1. Thing (please tick the relevant box and provide a brief description)

Fodder Grain/seeds Sand/gravel Machinery Mulch Livestock Other

Amount 1
(e.g. weight, size of load, number of items)

Description LV-Ute - 486TSE
(e.g. cattle, hay, dozer)

2. Has the thing been moved through, stored in, come from, or used in a place infested with:

	Yes	No	Maybe
Parthenium		✓	
Giant rat's tail grass, American rat's tail grass, giant Parramatta grass, Parramatta grass		✓	
Prickly acacia		✓	
Other (provide details)		✓	

3. If you answered 'yes' or 'maybe' in question 2, then what actions have been taken to remove or ensure that there is no weed reproductive material*? (please tick the relevant boxes and specify steps taken)

*Please refer to the definition of 'weed reproductive material' in the explanatory notes.

Nil Washing/cleaning Quarantine period Chemical treatment Certified clean N/A Other

Steps taken N/A

4. To the best of my knowledge the thing described above still contains a weed listed in question 2 above.

	Yes	No	Maybe
		✓	

I, Richard Kingston of Oakhurst Excavations

town Yerra state Qld telephone 07 41296550

declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this declaration.

Signature [Signature] Date 22.3.2022

Part 2: Transport of contaminated things

(Vehicle includes anything used for carrying any thing or any person by land, water or air, and includes equipment or machinery capable of moving on land)

This declaration is valid for transport and movement of vehicles and other things from Yerra to Woolaga (please provide locations)

1. Movement of vehicles—The vehicle described as: make Toyota Land Cruiser Ute

registration no. or engine/frame no. 486TSE was clean* prior to entry to PCL Woolaga (destination)

*Please refer to the definition of 'clean' in the explanatory notes.

2. Transport of contaminated things—If you are transporting anything contaminated or possibly contaminated with any declared weed, what actions are being used to contain the weed reproductive material?

Nil Covered with tarpaulin Enclosed within container Chemically treated Other

Actions:

I, Richard Kingston of Oakhurst Excavations

town Yerra state Qld telephone 07 41296550

*If same as Part 1 please write 'as above'

declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this declaration.

Signature [Signature] Date 22.3.2022

Weed hygiene declaration

Part 1: Sale or supply of things

(Examples of 'things' include fodder, grain, seed, livestock, gravel, sand, soil, mulch, packing material, machinery, vehicles or water)

This declaration is valid for supplying the thing/things specified below from to (please provide dates)

1. Thing (please tick the relevant box and provide a brief description)

Fodder Grain/seeds Sand/gravel Machinery Mulch Livestock Other

Amount Description
(e.g. weight, size of load, number of items) (e.g. cattle, hay, dozer)

2. Has the thing been moved through, stored in, come from, or used in a place infested with:

	Yes	No	Maybe
Parthenium			Maybe
Giant rat's tail grass, American rat's tail grass, giant Parramatta grass, Parramatta grass			Maybe
Prickly acacia			Maybe
Other (provide details)			Maybe

3. If you answered 'yes' or 'maybe' in question 2, then what actions have been taken to remove or ensure that there is no weed reproductive material*? (please tick the relevant boxes and specify steps taken)

*Please refer to the definition of 'weed reproductive material' in the explanatory notes.

Nil Washing/cleaning Quarantine period Chemical treatment Certified clean Other

Steps taken

4. To the best of my knowledge the thing described above still contains a weed listed in question 2 above.

Yes	No	Maybe
	No	

I, of

town state telephone

declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this declaration.

Signature Date

Part 2: Transport of contaminated things

(Vehicle includes anything used for carrying any thing or any person by land, water or air, and includes equipment or machinery capable of moving on land)

This declaration is valid for transport and movement of vehicles and other things from to (please provide locations)

1. Movement of vehicles—The vehicle described as: make
registration no. or engine/frame no. was clean* prior to entry to (destination)

*Please refer to the definition of 'clean' in the explanatory notes.

2. Transport of contaminated things—If you are transporting anything contaminated or possibly contaminated with any declared weed, what actions are being used to contain the weed reproductive material?

Nil Covered with tarpaulin Enclosed within container Chemically treated Other

Actions:

I,* of

town state telephone

*If same as Part 1 please write 'as above'

declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this declaration.

Signature Date

Explanatory notes

This declaration was developed in response to landholders, rural industry, community and government desire to minimise the impact of weeds on their business and on the environment. It has been developed to assist in preventing the spread of weeds and other contaminants, and to meet the requirements of section 45 of the *Land Protection (Pest and Stock Route Management) Act 2002*. A completed declaration provides information on the status of a 'thing', whether it is contaminated or free of weedy material. 'Part 1: Sale or supply of things' of the declaration should be completed by the supplier then given to the receiver before they receive the thing. The receiver can then make an informed decision and take precautions to prevent new infestations. It can also provide written assurance that a vehicle is clean before entering a property.

Why use this declaration?

This declaration can provide:

- a supplier with a way of meeting the requirements of section 45 (2) of the Act, if they are supplying any thing that is or could be contaminated with the weeds listed below
- a person obtaining a thing with information on whether the thing is clean of weed reproductive material or has been infested
- assurance that a vehicle was clean* prior to entry onto a property
- assurance that any contaminated or potentially contaminated thing is being moved so as not to spread the contaminant
- assurance that a product is free of other weedy reproductive material.

Section 45 of the Act makes it an offence to supply a thing that is contaminated with a Class 1 weed or any of the Class 2 weeds listed below. However, for the Class 2 weeds, a person does not breach section 45 if they provide a written notice (Part 1 of this declaration) that states that the thing is or may be contaminated. The written notice must be filled and given to the receiver before the thing is supplied.

List of Class 2 species

The following Class 2 pests are prescribed in section 45(1)(b) of the Act. These weeds are readily able to infest a wide range of products, from livestock to grain and vehicles. These weeds have a major effect on pasture production and have the capacity to invade large areas of Queensland.

Common name	Species
American rat's tail grass	<i>Sporobolus jacquemontii</i>
Giant Parramatta grass	<i>Sporobolus fertilis</i>
Giant rat's tail grass	<i>Sporobolus pyramidalis</i> and <i>S. natalensis</i>
Parramatta grass	<i>Sporobolus africanus</i>
Parthenium	<i>Parthenium hysterophorus</i>
Prickly acacia	<i>Acacia nilotica</i>

Across Queensland, isolated outbreaks of declared plants such as those listed above are found on properties and roadsides each year. Outbreaks of these declared plants are often located hundreds of kilometres from core infestations. These outbreaks occur as a result of machinery, livestock, vehicles, fodder, grain, material and equipment contaminated with weed seeds being transported across the state. A high percentage of seed from prickly acacia and giant rats tail grass remains viable after being eaten and excreted by cattle.

*Definitions

Clean:

- For vehicles, machinery and equipment, clean means that no soil and/or organic matter that may contain weed reproductive material is on or in areas that are accessible during cleaning and maintenance work. A checklist and guidelines that show areas that are required to be clean are available at www.biosecurity.qld.gov.au
- A vehicle is considered to remain clean if it leaves its point of origin clean and only travels on sealed roads or well-maintained unsealed roads.
- For livestock, clean means that animals are internally and externally free of the reproductive material of any declared plant listed in the Land Protection (Pest and Stock Route Management) Regulation 2003. If livestock are suspected to be infested with a declared weed, then they should be quarantined within a weed-free paddock or pen for a 14-day period.

Weed reproductive material means any part of the plant that is capable of producing another plant by sexual or asexual reproduction. Examples include seeds, bulbs, rhizomes, tuber, stem or leaf cutting and the whole plant.

Well-maintained unsealed road means roads that do not have vegetation growing on or encroaching onto the area occupied by traffic.

For further information, please contact Biosecurity Queensland on 13 25 23.



Weed hygiene declaration

Part 1 – Sale or supply of things

(Examples of 'thing' include fodder, grain, seed, livestock, gravel, sand, soil, mulch, packing material, machinery, vehicles, or water)

This declaration is valid for supplying thing/things specified below from 9/11/21 to 30/12/21 (please provide dates)

1. Thing (please tick the relevant box and provide a brief description)

Fodder Grain/seeds Sand/gravel Machinery Mulch Livestock Other

Amount 1
(e.g. weight, size of load, number of items)

Description Toyota Hilux 2016 LV08
(e.g. cattle, hay, dozer)

2. Has the 'thing' been moved through, stored in, come from, or used in a place infested with:

	Yes	No	Maybe
Parthenium		/	
Giant rat's tail grass, American rat's tail grass, giant Parramatta grass, Parramatta grass		/	
Prickly acacia		/	
Other (provide details)		/	

3. If you answered 'yes' or 'maybe' in question 2, then what actions have been taken to remove or ensure that there is no reproductive material (please tick the relevant boxes and specify steps taken)

Nil Washing/cleaning Quarantine period Chemical treatment Certified clean Other

Steps taken

4. To the best of my knowledge the 'thing' described above: still contains a weed listed in 2 above

Yes	No	Maybe
	/	

I Cathy Murray of 8 Thorn Lane

Town Ipswich

State Qld

Telephone 0408107582

Declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this Declaration.

Signature Cathy Murray

Date 9/11/21

Part 2 – Transport of contaminated things

(Vehicle includes anything used for carrying anything or any person by land, water or air, and includes equipment or machinery capable of moving on land).

This declaration is valid for transport and movement of vehicles and other things from to (please provide locations)

1. Movement of vehicles. The vehicle described as: Make Toyota Hilux 2016 LV08

Registration no. or engine/frame no. 001 WWW Was *clean prior to entry to Woolooga Solew Farm (destination)

*Please refer to the definition of clean in the explanatory notes

2. Transport of contaminated things. If you are transporting anything contaminated or possibly contaminated with any declared weed, what actions are being used to contain the weed reproductive material:

Nil Covered with tarpaulin Enclosed within container Chemically treated Other

Actions:

I* Cathy Murray of 8 Thorn Lane

Town Ipswich

State Qld

Telephone 0408107582

*If same as Part 1 please write 'as above'

Declare that the information that I have provided in this declaration is true and correct and I have read the accompanying explanatory notes before completing this Declaration.

Signature Cathy Murray

Date 9/11/21

Explanatory notes

This declaration was developed in response to landholders, rural industry, community and government desire to minimise the impact of weeds on their business and on the environment. It has been developed to assist in preventing the spread of weeds and other contaminants, and to meet the requirements of section 45 of the *Land Protection (Pest and Stock Route Management) Act 2002*. A completed declaration provides information on the status of a 'thing', whether it is contaminated or free of weedy material. 'Part 1: Sale or supply of things' of the declaration should be completed by the supplier then given to the receiver before they receive the thing. The receiver can then make an informed decision and take precautions to prevent new infestations. It can also provide written assurance that a vehicle is clean before entering a property.

Why use this declaration?

This declaration can provide:

- a supplier with a way of meeting the requirements of section 45 (2) of the Act, if they are supplying any thing that is or could be contaminated with the weeds listed below
- a person obtaining a thing with information on whether the thing is clean of weed reproductive material or has been infested
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Section 45 of the Act makes it an offence to supply a thing that is contaminated with a Class 1 weed or any of the Class 2 weeds listed below. However, for the Class 2 weeds, a person does not breach section 45 if they provide a written notice (Part 1 of this declaration) that states that the thing is or may be contaminated. The written notice must be filled and given to the receiver before the thing is supplied.

List of Class 2 species

The following Class 2 pests are prescribed in section 45(1)(b) of the Act. These weeds are readily able to infest a wide range of products, from livestock to grain and vehicles. These weeds have a major effect on pasture production and have the capacity to invade large areas of Queensland.

Common name	Species
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Prickly acacia	<i>Acacia nilotica</i>

Across Queensland, isolated outbreaks of declared plants such as those listed above are found on properties and roadsides each year. Outbreaks of these declared plants are often located hundreds of kilometres from core infestations. These outbreaks occur as a result of machinery, livestock, vehicles, fodder, grain, material and equipment contaminated with weed seeds being transported across the state. A high percentage of seed from prickly acacia and giant rats tail grass remains viable after being eaten and excreted by cattle.

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Clean:

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- A vehicle is considered to remain clean if it leaves its point of origin clean and only travels on sealed roads or well-maintained unsealed roads.
- For livestock, clean means that animals are internally and externally free of the reproductive material of any declared plant listed in the *Land Protection (Pest and Stock Route Management) Regulation 2003*. If livestock are suspected to be infested with a declared weed, then they should be quarantined within a weed-free paddock or pen for a 14-day period.

Weed reproductive material means any part of the plant that is capable of producing another plant by sexual or asexual reproduction. Examples include seeds, bulbs, rhizomes, tuber, stem or leaf cutting and the whole plant.

Well-maintained unsealed road means roads that do not have vegetation growing on or encroaching onto the area occupied by traffic.

For further information, please contact Biosecurity Queensland on 13 25 23.



Appendix 16—

Legal security documentation





Date: 8/02/2022

Recipient: Assistant Secretary, Environment Assessments Qld and Sea Dumping Branch, Department of Agriculture, Water and Environment

Via: Email – environment.compliance@awe.gov.au; andrew.mcnee@awe.gov.au

Written evidence of legal security – Woolooga Solar Farm offset
Ref: EPBC 2019/8554 (Decision date: 19 February 2021)

To Whom It May Concern,

On behalf of **Lightsource Development Services Australia Pty Ltd**, **Evolve Environmental Solutions** (Evolve) wish to provide the Department with written evidence demonstrating that at least 196.42 ha of land at the Woolooga Offset Site has been legally secured (by the end of Year 1), as per Condition 4(c) of EPBC approval 2019/8554. The Woolooga offset site has been legally secured via Voluntary Declaration under the *Vegetation Management Act 1999*, with the declaration made on 24th January 2022. Please find attached the voluntary declaration correspondence and documentation provided by the Department of Resources within **Appendix A**, and a shapefile of the offset area attached to this email correspondence.

Kind Regards



Adam Hutchinson

Ecology and Offsets Manager

Appendix A

Voluntary Declaration Correspondence/Documentation

24 January 2022

Diana Mitchell
Lightsource Australia SPV 3 Pty Ltd
C/I Evolve Environmental

Via email: Alittle@evolveenvironmental.com.au

Dear Diana

Re: Declaration made on part of Lots 157 on SP309572, 90 on SP237339 and 159 on SP237339 - Gympie Regional Council

This is to advise you that a declaration on has been made, consistent with your request on the above lot by the Department of Resources on 24/01/2022. A copy of each of the following documents is attached for your records:

- Notice of Declaration (2021/003798)
- Declared area map DAM 2021/003798
- V-Dec Management Plan – Woolooga Solar Farm, Lower Wonga, dated 14/12/2021
- Property map of assessable vegetation PMAV 2021/003802
- Information notice for PMAV 2021/003802

Please note, that in accordance with the declaration, management of the declared area, monitoring the condition of the declared area, and reporting on the condition of the declared area will be required. Please refer to the declaration documents for the specifics regarding such requirements.

If a registered owner requires additional copies of the certified documents, these can be purchased at Department of Resources Customer Service Centre.

This declaration will be noted on the title of the declared area—binding management, monitoring and reporting responsibilities upon current and future owners.

If you wish to discuss this matter further, please contact Rebecca Williams on telephone number 4531 8501 quoting the above reference number.

Yours sincerely



Sandra Witheyman
Senior Natural Resource Management Officer

Notice of Declaration (2021/003798)

ss19E – 19L of the *Vegetation Management Act 1999*



Department of **Resources**

1. Details of request

- 1.1. **Proponent's name:** Lightsource Australia SPV 3 Pty Ltd A.C.N 628 466 982
- 1.2. **Date request received:** 12/10/2021
- 1.3. **Request:** Declare stated land as an area of high nature conservation value
- 1.4. **Property description:** part of lots 157 SP309572, 90 SP237339 and 159 SP237339
- 1.5. **Land tenure:** Freehold
- 1.6. **Decision reference:** 2021/003798

2. Declaration information

2.1. Declaration made:

The Chief Executive of the Department of Resources declares the area identified on Declared Area Map DAM 2021/003798 as an area of high nature conservation value in accordance with s19F of the *Vegetation Management Act 1999*.

The chief executive considers the declared area to meet the following criteria under s19G of the *Vegetation Management Act 1999*—

The declared area is an area of high nature conservation value under s19G(1)(b), as the area is *another area that makes a significant contribution to the conservation of biodiversity*.

The documents outlined in 2.2 form part of this declaration.

2.2. Declaration documents:

The following documents form part of this declaration, and must be read in conjunction with this notice:

- Declared Area Map DAM 2021/003798
- V-Dec Management Plan – Woolooga Solar Farm, Lower Wonga, dated 14/12/2021

2.3. Property Map of Assessable Vegetation

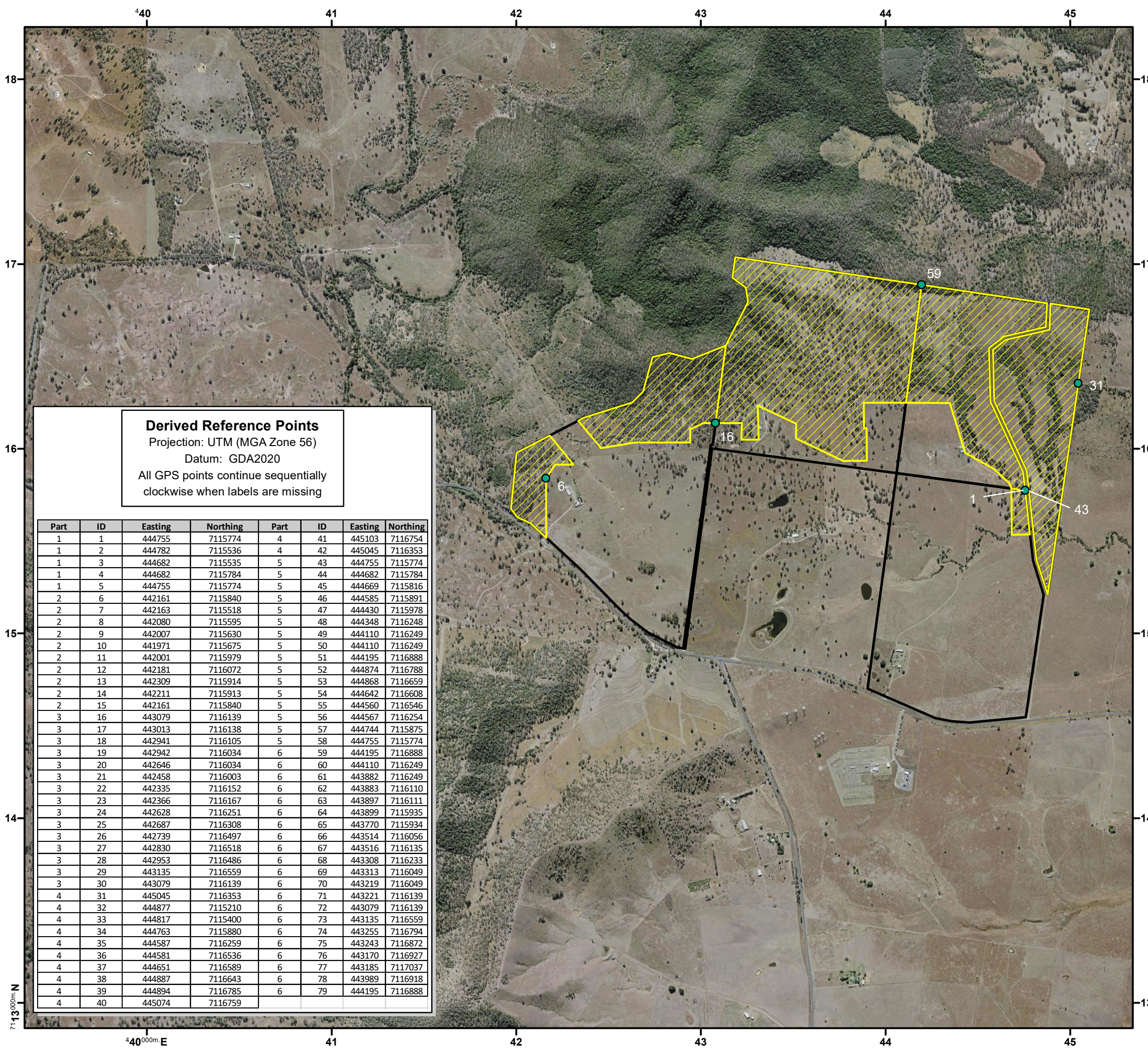
In accordance with s20B(1)(a) and (b) of the *Vegetation Management Act 1999*, property map of assessable vegetation, PMAV 2021/003802, has been prepared for the declared area.

2.4. Date of Declaration: 24 January 2022

3. Delegated officer's signature

A handwritten signature in black ink, appearing to read 'Sandra Witheyman', written over a horizontal line.

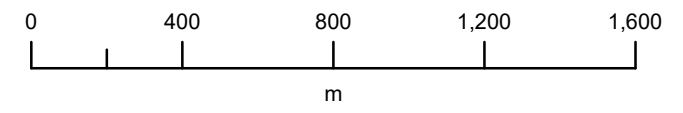
Sandra Witheyman
Senior Natural Resource Management Officer



Declared Area Map

DAM 2021/003798

LOT on PLAN
157SP309572, 159SP237339, 90SP237339



Scale: 1:20000
(original size A3)



LEGEND

- Subject Lot(s)
- Declared Area
- Derived Reference Start Points

This plan must be read in conjunction with Declaration Notice 2021/003798

Notes:
Property boundary provided by Department of Resources.
The property boundaries shown on this plan are approximate only. They are not an accurate representation of the legal boundaries.

While every care is taken to ensure the accuracy of this product, the Department of Resources, makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which might incur as a result of the product being inaccurate or incomplete in any way and for any reason. Data must not be used for direct marketing or be used in breach of the privacy laws.

Map Information:
Horizontal Datum: GDA 2020
Projection: Universal Transverse Mercator - Zone 56

Earth-i © 21AT 2018, distribution 21AT, all rights reserved

Map Prepared by: RH
Department of Resources
PO Box 1762, Rockhampton, Qld, 4700

Map Preparation Date: 20/01/2022

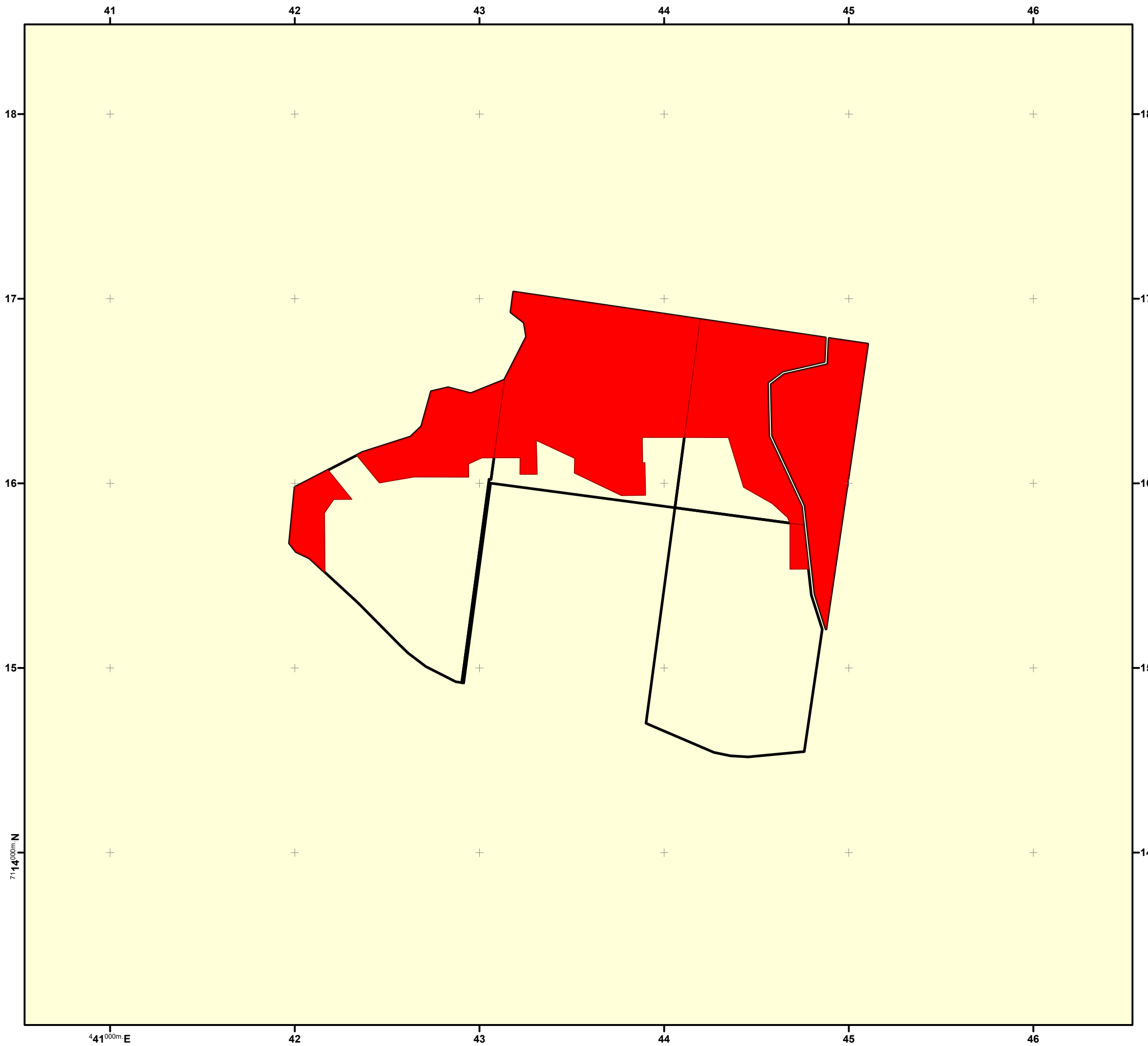
© The State of Queensland (Department of Resources) 2022

Derived Reference Points

Projection: UTM (MGA Zone 56)
Datum: GDA2020

All GPS points continue sequentially clockwise when labels are missing

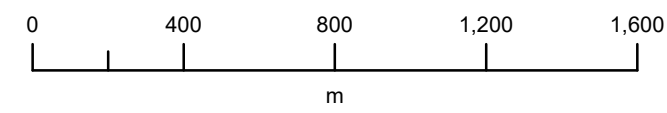
Part	ID	Easting	Northing	Part	ID	Easting	Northing
1	1	444755	7115774	4	41	445103	7116754
1	2	444782	7115536	4	42	445045	7116353
1	3	444682	7115535	5	43	444755	7115774
1	4	444682	7115784	5	44	444682	7115784
1	5	444755	7115774	5	45	444669	7115816
2	6	442161	7115840	5	46	444585	7115891
2	7	442163	7115518	5	47	444430	7115978
2	8	442080	7115595	5	48	444348	7116248
2	9	442007	7115630	5	49	444110	7116249
2	10	441971	7115675	5	50	444110	7116249
2	11	442001	7115979	5	51	444195	7116888
2	12	442181	7116072	5	52	444874	7116788
2	13	442309	7115914	5	53	444868	7116659
2	14	442211	7115913	5	54	444642	7116608
2	15	442161	7115840	5	55	444560	7116546
3	16	443079	7116139	5	56	444567	7116254
3	17	443013	7116138	5	57	444744	7115875
3	18	442941	7116105	5	58	444755	7115774
3	19	442942	7116034	6	59	444195	7116888
3	20	442646	7116034	6	60	444110	7116249
3	21	442458	7116003	6	61	443882	7116249
3	22	442335	7116152	6	62	443883	7116110
3	23	442366	7116167	6	63	443897	7116111
3	24	442628	7116251	6	64	443899	7115935
3	25	442687	7116308	6	65	443770	7115934
3	26	442739	7116497	6	66	443514	7116056
3	27	442830	7116518	6	67	443516	7116135
3	28	442953	7116486	6	68	443308	7116233
3	29	443135	7116559	6	69	443313	7116049
3	30	443079	7116139	6	70	443219	7116049
4	31	445045	7116353	6	71	443221	7116139
4	32	444877	7115210	6	72	443079	7116139
4	33	444817	7115400	6	73	443135	7116559
4	34	444763	7115880	6	74	443255	7116794
4	35	444587	7116259	6	75	443243	7116872
4	36	444581	7116536	6	76	443170	7116927
4	37	444651	7116589	6	77	443185	7117037
4	38	444887	7116643	6	78	443989	7116918
4	39	444894	7116785	6	79	444195	7116888
4	40	445074	7116759				



Property Map of Assessable Vegetation
PMAV 2021/003802
 LOT on PLAN
 157SP309572, 159SP237339, 90SP237339

Sheet 1 of 1

Queensland Government



Scale: 1:20000
 (original size A3)



- LEGEND**
- Subject Lot(s)
 - Area to which the PMAV does not apply
- Vegetation Category Area**
- Category A area (see 2021/003798)

Notes:

Property boundaries provided by Department of Resources. The property boundaries on this plan are a spatial representation of the property boundaries. They are not the legal property boundaries and are subject to change as more accurate information becomes available. The PMAV does not move with changes to the property boundaries. Labelled Category B areas indicate a change in Regional Ecosystem classification as a result of detailed assessment.

Map Information:
 Horizontal Datum: GDA 2020
 Projection: Universal Transverse Mercator - Zone 56

This PMAV is made under Section 20C of the *Vegetation Management Act 1999*.

Signed for the Chief Executive of the Department of Resources by:
 Name: Sandra Witheyman
 Title: Senior Natural Resource Management Officer
 Signature:
 Date: 24/01/2022

Map Prepared by: RH
 Department of Resources
 PO Box 1762, Rockhampton, Qld, 4700

INFORMATION NOTICE

Information Notice issued pursuant to section 20B (2) of the *Vegetation Management Act 1999* (VMA)
Property Map of Assessable Vegetation (PMAV) issued under section 20B (1) of the VMA

1. **PMAV reference:** 2021/003802
2. **Decision:** to make a PMAV under section 20B(1) of the VMA over part of land described as lot 157 on SP309572, lot 90 on SP237339 and lot 159 on SP237339.

This decision can be internally reviewed if requested by an owner. The details on how to do this are contained in **Appendix 1**.

3. **Reasons for decision:**

An area of land on lot 157 on SP309572, lot 90 on SP237339 and lot 159 on SP237339 has been declared (decision reference: 2021/003798) as an area of high nature conservation value in accordance with s19F of the VMA.

The declared area application detailed that the area to be declared is an offset area (V-Dec Management Plan – Woolooga Solar Farm, Lower Wonga (EPBC 2019/8554), dated 14/12/2021)

In accordance with sections 20B (1)(a) and (b) of VMA, the decision has been made to make a PMAV over the declared area which is an offset area.

4. **Additional information**

Sections 20AL (a) (i) and (ii) of the VMA state that a category A area is an area that is a declared area or an offset area. The declared area which is an offset area on lot 157 on SP309572, lot 90 on SP237339 and lot 159 on SP237339, will be shown as a category A area on PMAV 2021/003802.

Subsequent updates of the regulated vegetation management map will also show the declared area as a category A area.

5. **Date:** 24/01/2022

Appendix 1: Rights of Review of the Decision

If you do not agree with the decision to make this PMAV, you may make an application for an internal review of the decision under Part 4 of the *Vegetation Management Act 1999*.

Please see the following extract from the *Vegetation Management Act 1999* for:

- your rights of review;
- the time period in which you have to apply for review; and
- how the rights of review are exercised under this Act.

Extract from the Vegetation Management Act 1999 –

Part 4 Reviews and legal proceedings

Division 1 Internal reviews by chief executive

62 Internal review process before external review

Every review of an original decision must be, in the first instance, by way of an application for an internal review of the decision.

63 How to apply for internal review

- (1) A person who is given, or is entitled to be given, an information notice about a decision made under this Act may apply for an internal review of the decision.
- (2) An application for internal review of a decision must be—
 - (a) in the approved form; and
 - (b) made to the chief executive; and
 - (c) supported by enough information to enable the chief executive to decide the application.
- (3) The application **must be made within 20 business days** after—
 - (a) the day the person is given the information notice about the decision; or
 - (b) if paragraph (a) does not apply—the day the person otherwise becomes aware of the decision.
- (4) The chief executive may extend the time for applying for the internal review.
- (5) The application does not stay the decision.

63A Review decision

- (1) The chief executive must, within 30 business days after receiving the application—
 - (a) review the decision (the **original decision**); and
 - (b) make a decision (the **review decision**) to—
 - (i) confirm the original decision; or
 - (ii) amend the original decision; or
 - (iii) substitute another decision for the original decision; and
 - (c) give the applicant notice (the **review notice**) of the review decision.
- (2) If the review decision is not the decision sought by the applicant, the review notice must comply with the QCAT Act, section 157(2).
- (3) However, subsection (2) does not apply if the review decision relates to an original decision under—
 - a) section 20O(1)(b) or (2)b or (c), 20R(2) or the provisions as applied under section 20ZC(6); or
 - b) section 20O(3)(b), 20S(1)(a) or 20ZB(1)(b) or (c).

Division 1A External reviews by QCAT

63B Who may apply for external review

(1) A person who is dissatisfied with a review decision may apply, as provided under the QCAT Act, to QCAT for a review of the review decision.

(2) However, subsection (1) does not apply if the review decision relates to an original decision mentioned in section 63A(3).

Appendix 17–

Barbed Wire Visibility – Evolve progress report





Woolooga Solar Farm, Lower Wonga, Queensland

Progress Report 07
November 2021

01/12/2021

Job Number: 273

Evolve Environmental Solutions Pty. Ltd.



Document Control

Document Name: *Progress Report 07 – Woolooga Solar Farm, Lower Wonga, Queensland.*

Document Issue

Issue	Date	Prepared By	Checked By
Issue A	01.12.2021	Adam Hutchinson	Adam Hutchinson

Prepared by

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ABN: 16 155 844 232

www.evolveenvironmental.com.au

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Introduction & Purpose

Evolve Environmental Solutions (Evolve) was engaged by **Lightsource bp** (LSbp) to implement and report on (in the form of an Annual Compliance Report) the Offset Management Plan (OMP) for the Wolooga Solar Farm offset located across Lot 157 on LX2424, Lot 86 on LX472 and Lot 90 SP237339 on Wide Bay Highway, Lower Wonga. The scope of this report is to advise of the progression of works to date.

Works Commenced

Table 1: A tabulated summary of works completed and commenced to date.

Date of Works	Description of works undertaken	Contact hours
October 2021	<ul style="list-style-type: none"> • Pest Management Camera Check 	6.5 hours
	<ul style="list-style-type: none"> • Weed assessment surveys 	32 hours
	<ul style="list-style-type: none"> • Minor ripping vibrating plates • Maintenance of Bushfire trails • Staking and setout • Planting approx. 23,000 plants • Watering of stock and onsite nursery 	1,095 hours
Total person hours		1,133.5 Onsite Person Hours

Scheduled Works

- Complete planting in December 2021.
- Affix high visibility tags to fencing.
- Ripping of planting area to commence and finish in November
- Assessment of further works for bushfire trails
- Follow up VDec

Project Timing

- Delays have occurred with planting due to PCL storing wood piles and bales in the Evolve work site post the removal date. Evolve are unable to plant in the storage area or around the house structures that are yet to be demolished.



Appendix 18–

Planting completion and planting species – Evolve progress report and Tubestock invoices





Woolooga Solar Farm, Lower Wonga, Queensland

Progress Report 08
December 2021

10/01/2022

Job Number: 273

Evolve Environmental Solutions Pty. Ltd.



Document Control

Document Name: *Progress Report 08 – Woolooga Solar Farm, Lower Wonga, Queensland.*

Document Issue

Issue	Date	Prepared By	Checked By
Issue A	10.01.2022	Adam Hutchinson	Adam Hutchinson

Prepared by

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ABN: 16 155 844 232

www.evolveenvironmental.com.au

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Works Commenced

Table 1: A tabulated summary of works completed and commenced to date.

Date of Works	Description of works undertaken	Contact hours
December	<ul style="list-style-type: none"> • Pest Management Camera Check 	6.5 hours
	<ul style="list-style-type: none"> • Staking and setout • Planting approx. 16,000 plants • Watering of stock and onsite nursery • De-Weeding offset zones 	856 hours
Total person hours		865.5 Onsite Person Hours

Scheduled Works

- Complete planting in December 2021- complete up to unplatable hardstand or PCL storage areas.
- Affix high visibility tags to fencing.
- Have VDec Approval

Project Timing

- Delays have occurred with planting due to PCL storing wood piles and bales in the Evolve work site post the removal date. Evolve are unable to plant in the storage area or around the house structures that are yet to be demolished. This delay remains





TAX INVOICE

Tubestock Nursery Australia

ABN: 42628443336
70 Wade Road Bellmere QLD, 4510

P: 07 3350 8355
M: 0436 021 038
E: sales@tubeaus.com.au
Kaitlyn Jackson

Date	Tax Invoice #
07-10-2021	EC-INV1252

Purchase Order #	Sales Order #
Woolooga PO-000508	1190

DELIVER TO:
Evolve Environmental Solutions Kerry Delivery to woolooga 1706 wide bay HWY site office QLD, Greg 07 3124 7200

DELIVERY DATE:
27-09-2021

SITE CONTACT:

INVOICE TO:
Evolve Environmental Solutions PO Box 23 Chermside SOutH QLD, 4032

Due Date	FREIGHT CO	FWD INSTRUCTIONS
06-11-2021	Delivery	Delivery to Woolooga Greg straton -

DESCRIPTION	QTY	UNIT PRICE (EX-GST)	TOTAL (EX-GST)
Eucalyptus tereticornis - 50mm N. tube	4000	1.30	5,200.00
Corymbia intermedia - 50mm N. tube	2000	1.30	2,600.00

BANKING DETAILS: Bank Account Details Account Name - Tubestock Nursery Australia Pty Ltd BSB - 034036 Acc No - 544654 Remittance email: accounts@tubeaus.com.au	SUBTOTAL (EX-GST)	7,800.00
	GST	780.00
	TOTAL (INC GST)	8,580.00
	BALANCE DUE:	8,580.00



TAX INVOICE

Tubestock Nursery Australia

ABN: 42628443336
70 Wade Road Bellmere QLD, 4510

P: 07 3350 8355
M: 0436 021 038
E: sales@tubeaus.com.au
Kaitlyn Jackson

Date	Tax Invoice #
21-10-2021	EC-INV1293

Purchase Order #	Sales Order #
Woolooga PO-000508	1253

DELIVER TO:
Evolve Environmental Solutions Kerry Delivery to Woolooga Greg stratton 0456919997 QLD, Delivery to woolooga 1706 wide bay HWY site office QLD, 07 3124 7200

DELIVERY DATE:
20-10-2021

SITE CONTACT:

INVOICE TO:
Evolve Environmental Solutions PO Box 23 Chermside SOutH QLD, 4032

Due Date	FREIGHT CO	FWD INSTRUCTIONS
20-11-2021	Delivery	Delivery to Woolooga

DESCRIPTION	QTY	UNIT PRICE (EX-GST)	TOTAL (EX-GST)
Corymbia intermedia - 50mm N. tube	2000	1.30	2,600.00
Eucalyptus crebra - 50mm N. tube	4000	1.30	5,200.00

BANKING DETAILS: Bank Account Details Account Name - Tubestock Nursery Australia Pty Ltd BSB - 034036 Acc No - 544654 Remittance email: accounts@tubeaus.com.au	SUBTOTAL (EX-GST)	7,800.00
	GST	780.00
	TOTAL (INC GST)	8,580.00
	BALANCE DUE:	8,580.00



TAX INVOICE

ABN: 42628443336
Tubestock Nursery Australia

70 Wade Road Bellmere QLD, 4510

P: 07 3350 8355
 M: 0436 021 038
 E: sales@tubeaus.com.au
 Kaitlyn Jackson

INVOICE TO:
Evolve Environmental Solutions PO Box 23 Cherside South QLD, 4032

Invoice Date	Tax Invoice #
30-11-2022	EC-INV1430

Purchase Order #	Sales Order #
Woolooga PO-000508	1326

DELIVER TO:
Evolve Environmental Solutions Kerry (P: 0411 746 282) Delivery to Woolooga QLD, 07 3124 7200

DELIVERY DATE:
19-11-2021

FREIGHT CO	FREIGHT NOTES	Site Contact
Delivery	Delivery by Rob cock	

DESCRIPTION	QTY	UNIT PRICE (EX-GST)	TOTAL (EX-GST)
Corymbia intermedia - 50mm N. tube	8032	1.20	9,638.40
Eucalyptus tereticornis - 50mm N. tube	8032	1.20	9,638.40
Eucalyptus crebra - 50mm N. tube	8032	1.20	9,638.40
Corymbia citriodora - 50mm N. tube	1148	1.20	1,377.60
Eucalyptus melanophloia - 50mm N. tube	500	1.20	600.00

BANKING DETAILS: Bank Account Details Account Name - Tubestock Nursery Australia Pty Ltd BSB - 034036 Acc No - 544654 Remittance email: accounts@tubeaus.com.au	SUBTOTAL (EX-GST)	30,892.80
	GST	3,089.28
	TOTAL (INC GST)	33,982.08
	BALANCE DUE:	33,982.08
	DUE DATE:	30-12-2021



TAX INVOICE

ABN: 42628443336

Tubestock Nursery Australia

70 Wade Road Bellmere QLD, 4510

P: 07 3350 8355

M: 0436 021 038

E: sales@tubeaus.com.au

Kaitlyn Jackson

INVOICE TO:
Evolve Environmental Solutions PO Box 23 Chermside South QLD, 4032

Invoice Date	Tax Invoice #
10-12-2021	EC-INV1390

Purchase Order #	Sales Order #
PO-000508	1353

DELIVER TO:
Evolve Environmental Solutions Kerry (P: 0411 746 282) Delivery to Woolsloga QLD, 07 3124 7200

DELIVERY DATE:
01-12-2021

FREIGHT CO	FREIGHT NOTES	Site Contact
	Delivery to Woolsloga	

DESCRIPTION	QTY	UNIT PRICE (EX-GST)	TOTAL (EX-GST)
Eucalyptus crebra - 50mm N. tube	1748	1.20	2,097.60
Corymbia intermedia - 50mm N. tube	1748	1.20	2,097.60
Eucalyptus tereticornis - 50mm N. tube	1000	1.20	1,200.00
Corymbia citriodora - 50mm N. tube	748	1.20	897.60

BANKING DETAILS: Bank Account Details Account Name - Tubestock Nursery Australia Pty Ltd BSB - 034036 Acc No - 544654 Remittance email: accounts@tubeaus.com.au	SUBTOTAL (EX-GST)	6,292.80
	GST	629.28
	TOTAL (INC GST)	6,922.08
	BALANCE DUE:	6,922.08
	DUE DATE:	09-01-2022



TAX INVOICE

ABN: 42628443336
Tubestock Nursery Australia

70 Wade Road Bellmere QLD, 4510

P: 07 3350 8355
M: 0436 021 038
E: sales@tubeaus.com.au
Kaitlyn Jackson

INVOICE TO:
Evolve Environmental Solutions PO Box 23 Chermside South QLD, 4032

Invoice Date	Tax Invoice #
19-11-2021	EC-INV1564

Purchase Order #	Sales Order #
Woolooga PO-000508	1326

DELIVER TO:
Evolve Environmental Solutions Kerry (P: 0411 746 282) Delivery to Woolooga QLD, 07 3124 7200

DELIVERY DATE:
19-11-2021

FREIGHT CO	FREIGHT NOTES	Site Contact
	Delivery by Rob cock Amended invoice to suit plants delivered	Greg

DESCRIPTION	QTY	UNIT PRICE (EX-GST)	TOTAL (EX-GST)
Corymbia intermedia - 50mm N. tube	4100	1.20	4,920.00
Eucalyptus tereticornis - 50mm N. tube	6555	1.20	7,866.00
Eucalyptus crebra - 50mm N. tube	4200	1.20	5,040.00
Corymbia citriodora - 50mm N. tube	1200	1.20	1,440.00
Eucalyptus melanophloia - 50mm N. tube	500	1.20	600.00

BANKING DETAILS: Bank Account Details Account Name - Tubestock Nursery Australia Pty Ltd BSB - 034036 Acc No - 544654 Remittance email: accounts@tubeaus.com.au	SUBTOTAL (EX-GST)	19,866.00
	GST	1,986.60
	TOTAL (INC GST)	21,852.60
	BALANCE DUE:	21,852.60
	DUE DATE:	19-12-2021

Appendix 19—

Site Fauna Species List



Class	Scientific name	Common name	Status	Source
Amphibia	<i>Crinia parinsignifera</i>	Eastern sign-bearing froglet	LC	
Amphibia	<i>Limnodynastes tasmaniensis</i>	Spotted marsh frog	LC	A
Amphibia	<i>Limnodynastes peronii</i>	Striped marsh frog	LC	A
Amphibia	<i>Litoria fallax</i>	Eastern sedgefrog	LC	A
Amphibia	<i>Litoria gracilentia</i>	Graceful tree frog	LC	A
Amphibia	<i>Litoria rubella</i>	Naked treefrog	LC	A
Amphibia	<i>Litoria tyleri</i>	Tyler's Tree Frog	LC	A
Amphibia	<i>Rhinella marina</i>	Cane toad	I	A, I
Aves	<i>Acanthiza pusilla</i>	Brown thornbill	LC	A
Aves	<i>Acanthorhynchus tenuirostris</i>	Eastern spinebill	LC	A
Aves	<i>Ailuroedus crassirostri</i>	Green catbird	LC	A
Aves	<i>Anas superciliosa</i>	Pacific black duck	LC	A
Aves	<i>Cacatua galerita</i>	Sulfur crested cockatoo	LC	A
Aves	<i>Centropus phasianinus</i>	Pheasant coucal	LC	A, I
Aves	<i>Chthonicola sagittata</i>	Speckled warbler	LC	I
Aves	<i>Corvus coronoides</i>	Australian raven	LC	A, C, I
Aves	<i>Coturnix chinensis</i>	King quail	LC	I
Aves	<i>Cracticus spp.</i>	Butcherbird	LC	A
Aves	<i>Dacelo novaeguineae</i>	Laughing Kookaburra	LC	A, C
Aves	<i>Estrildidae spp.</i>	Finch sp.		A
Aves	<i>Eudynamys scolopacea</i>	Common Koel	LC	A
Aves	<i>Fulica atra</i>	Eurasian coot	LC	A
Aves	<i>Geopelia humeralis</i>	Bar shouldered dove	LC	A
Aves	<i>Grallina cyanoleuca</i>	Mudlark	LC	A, C
Aves	<i>Gymnorhina tibicen</i>	Australian Magpie	LC	A, C, I
Aves	<i>Lichmera indistincta</i>	Brown honeyeater	LC	A
Aves	<i>Malrus sp.</i>	Wren	LC	A
Aves	<i>Manorina melanocephala</i>	Noisy miner	LC	A
Aves	<i>Ocyphaps lophotes</i>	Crested pigeon	LC	A
Aves	<i>Pardalotus punctatus</i>	Spotted pardalote	LC	A
Aves	<i>Phaps chalcoptera</i>	Brozewing dove	LC	A
Aves	<i>Platycercus adscitus</i>	Pale-headed rosella	LC	C, I
Aves	<i>Porphyrio porphyrio</i>	Purple swamphen	LC	A
Aves	<i>Rhipidura</i>	Fantail	LC	A
Aves	<i>Rhipidura leucophrys</i>	Willie wagtail	LC	A
Aves	<i>Scythrops novaehollandiae</i>	Channel-billed cuckoo	LC	A
Aves	<i>Strepera graculina</i>	Pied Currawong	LC	A
Aves	<i>Trichoglossus moluccanus</i>	Rainbow lorikeet	LC	I, A
Aves	<i>Zosterops lateralis</i>	Wax eye	LC	A, N



Aves	<i>Ninox boobook</i>	Southern boobook owl	LC	A
Aves	<i>Numida meleagris</i>	Helmeted guinea fowl	I	I
Insecta	<i>Danaus plexippus</i>	Wanderer Butterfly	I	C, I
Mammalia	<i>Canis familiaris dingo</i>	Australian Dingo	LC	C
Mammalia	<i>Cervus elaphus</i>	Red deer	RI	S
Mammalia	<i>Isodon macrourus</i>	Northern Brown Bandicoot	LC	I
Mammalia	<i>Macropus parryi</i>	Whiptail Wallaby	LC	S,C,N
Mammalia	<i>Microchiroptera spp.</i>	Microbat	-	C, N
Mammalia	<i>Mus musculus</i>	House mouse	I	I
Mammalia	<i>Pseudocheirus peregrinus</i>	Common ringtail possum	LC	C
Mammalia	<i>Sus scrofa</i>	Feral Pig	RI	S
Mammalia	<i>Tachyglossus aculeatus</i>	Short-beaked echidna	LC	C
Mammalia	<i>Trichosurus vulpecula</i>	Common brushtail possum	LC	C
Mammalia	<i>Vulpes vulpes</i>	Red fox	RI	C
Mammalia	<i>Felis catus</i>	Feral cat	RI	C
Mammalia		Dog		A
Reptillia	<i>Anilius sp.</i>	Blind snake	LC	I
Reptillia	<i>Chlamydosaurus kingii</i>	Frill neck lizard	LC	I
Reptillia	<i>Lampropholis guichenoti</i>	Pale-flecked garden sunskink	LC	C
Reptillia	<i>Pseudechis porphyriacus</i>	Red bellied black snake	LC	C
Reptillia	<i>Varanus varius</i>	Lace monitor	LC	I

Source

Audio recording device	A
Camera trap	C
Targeted diurnal survey	D
Incidental observation	I
Spotlighting transect	N
Identified from traces	S
Targeted Trapping	T

Status

Least Concern	LC
Introduced (not a prohibited or restricted invasive)	I
Restricted invasive animal	RI

