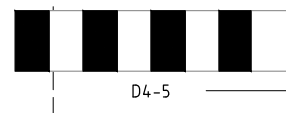
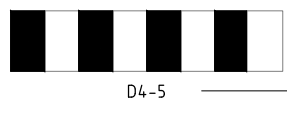
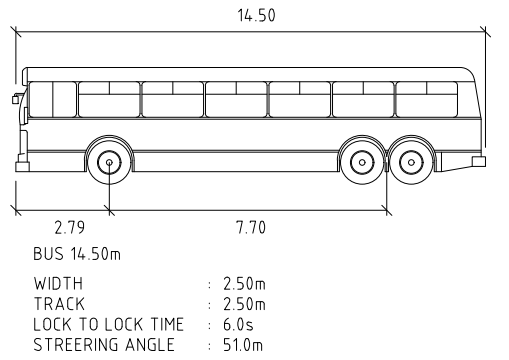


- LEGEND:**
- EXISTING EDGE OF BITUMEN
  - PROPOSED KERB & CHANNEL
  - PROPOSED RETAINING WALL
  - PROPOSED AC PAVEMENT
- TREE LEGEND**
- TREES TO BE RETAINED AND PROTECTED
  - TREES TO BE RETAINED AND REQUIRES THE SUPERVISION OF ANY EXCAVATION OR SERVICES WORKS WITHIN THE HATCHED PROTECTION ZONE BY AN ABORIST ON SITE.

**TPZ**  
 Tree Protection Zone  
 All vegetation to be protected in accordance with AS4970 - Protection of Trees on Development Sites & any conditions of approval.



### ENGINEERING CONCEPT - FUNCTIONAL TRAFFIC LAYOUT PLAN SHEET 1 OF 2

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

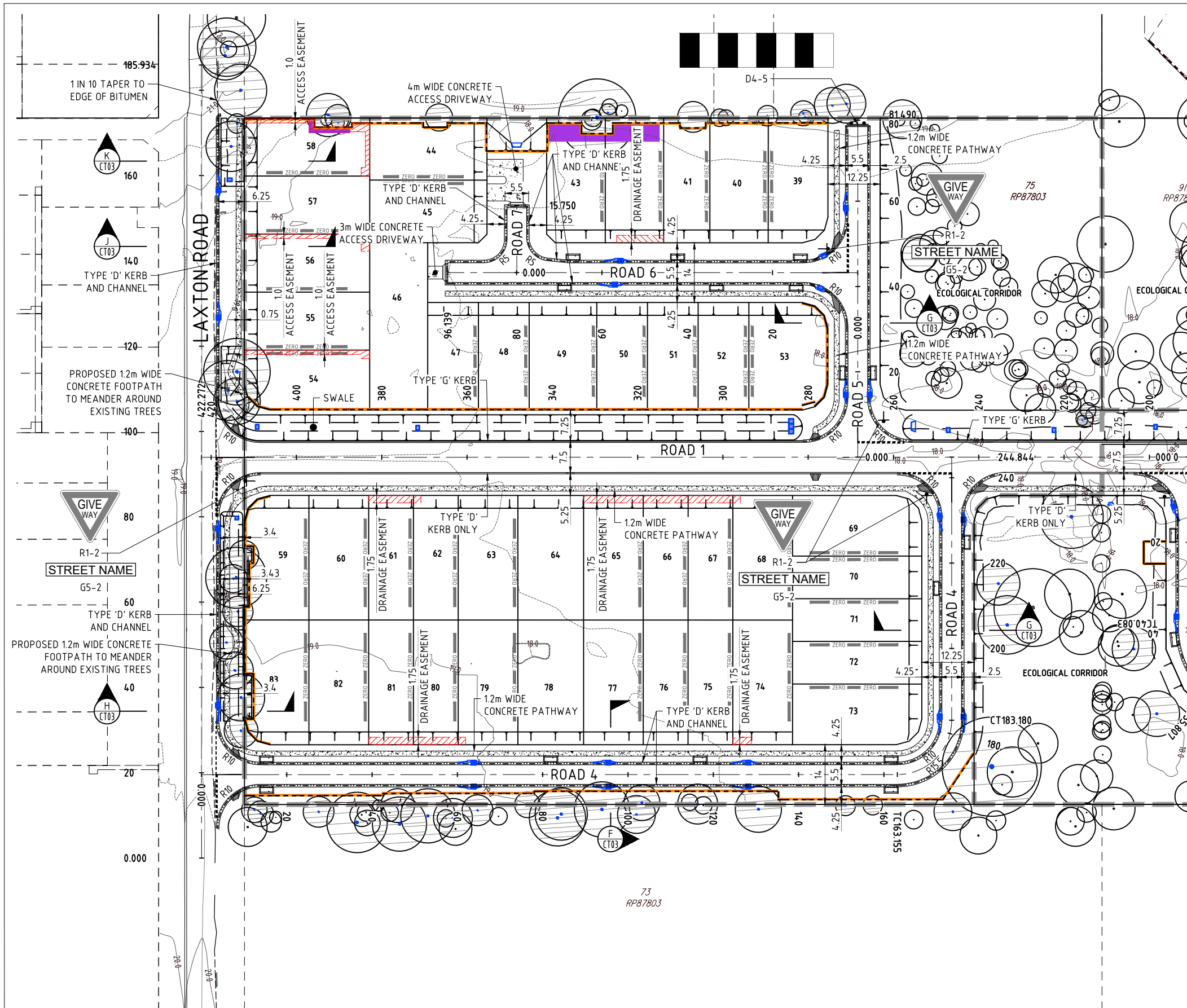
PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

BCC DS  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362

JOB NO:	PLAN:	ISSUE:
B3602EA8_DA26	CT01	C
SCALE:	1:500 @ A1	
DATE:	08/05/2026	
DRAFTED BY:	SB	
FILE NAME:	B3602EA8_DA26.DWG	

COPYRIGHT © 2011 JFP URBAN CONSULTANTS PTY LTD. THIS DOCUMENT MAY NOT BE COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS IN PART OR IN WHOLE WITHOUT THE WRITTEN CONSENT OF JFP URBAN CONSULTANTS PTY LTD.

B:\05\2026\NIB\6602\NIB\6602\DESIGNING\WORKING DRAWINGS\B3602EA8\_DA26



- LEGEND:**
- EXISTING EDGE OF BITUMEN
  - PROPOSED KERB & CHANNEL
  - PROPOSED RETAINING WALL
  - PROPOSED AC PAVEMENT
- TREE LEGEND**
- TREES TO BE RETAINED AND PROTECTED
  - TREES TO BE RETAINED AND REQUIRES THE SUPERVISION OF ANY EXCAVATION OR SERVICES WORKS WITHIN THE HATCHED PROTECTION ZONE BY AN ARBORIST ON SITE.

**TPZ**  
 Tree Protection Zone  
 All vegetation to be protected in accordance with AS4970 - Protection of Trees on Development Sites & any conditions of approval.



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

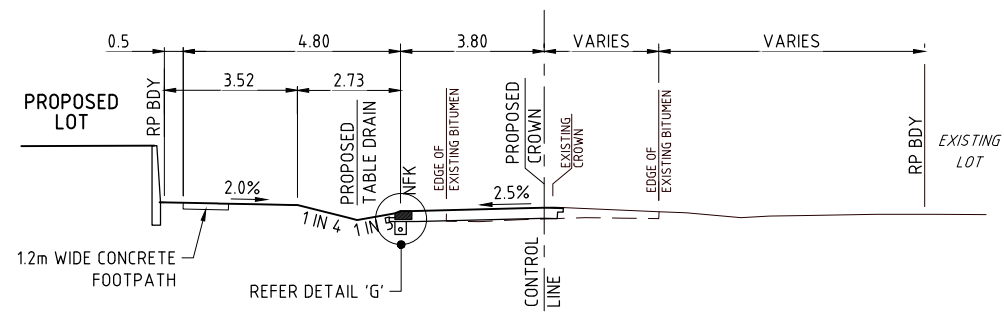
## ENGINEERING CONCEPT - FUNCTIONAL TRAFFIC LAYOUT PLAN SHEET 2 OF 2

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

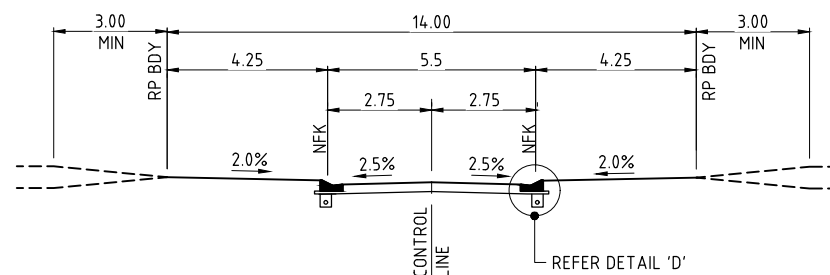
BCC DS  
 RECEIVED  
 APPLICATION REF  
 A006935362

JOB NO:	PLAN:	ISSUE:
B3602EA8_DA26	CT02	E
SCALE:	1:500 @ A1	
DATE:	08/05/2026	
DRAFTED BY:	SB	
FILE NAME:	B3602EA8_DA26.DWG	

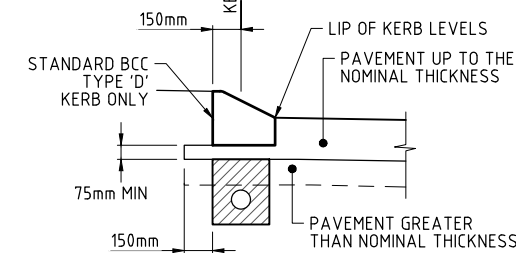
8/05/2026 11:00:00 AM JFP URBAN CONSULTANTS PTY LTD DESIGNING DRAWINGS\B3602EA8\_DA26



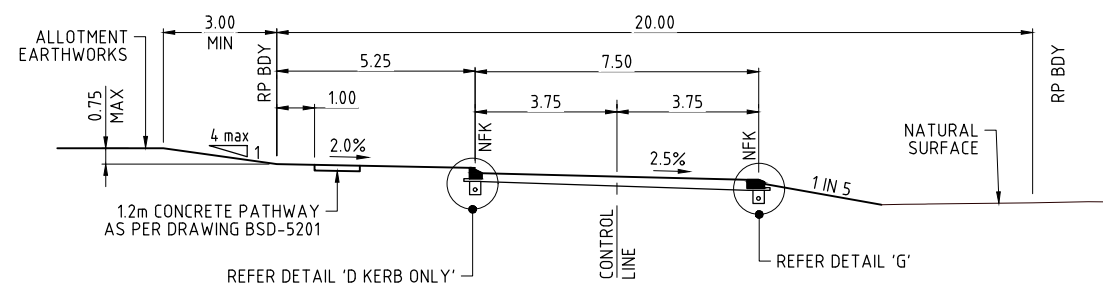
**A** TYPICAL CROSS SECTION - KRAFT ROAD  
NEIGHBOURHOOD ROAD WIDENING  
SCALE 1:100



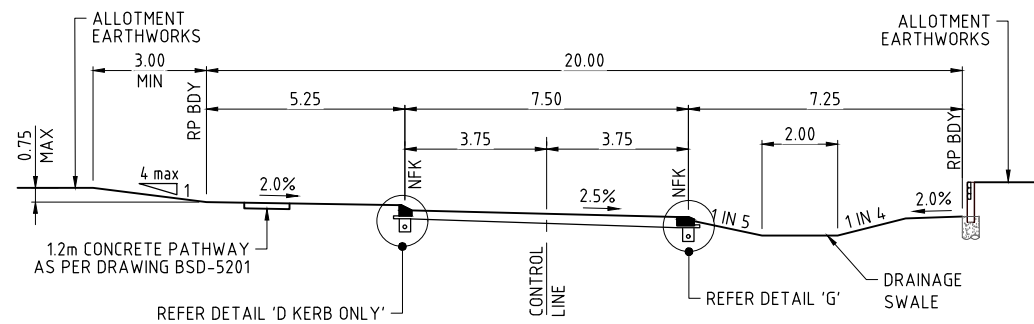
**B** TYPICAL CROSS SECTION ROADS 2, 6, 7 & TRIVIOR ST  
LOCAL STREET (40km/hr)  
SCALE 1:100



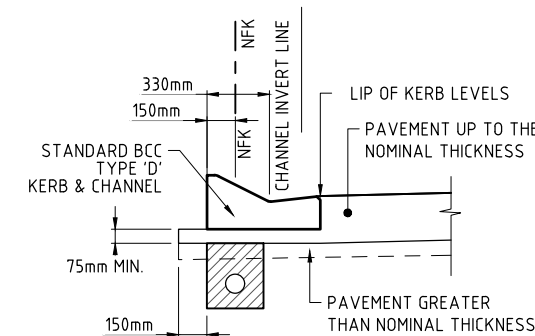
**DETAIL 'D' KERB ONLY'**  
SCALE 1:20



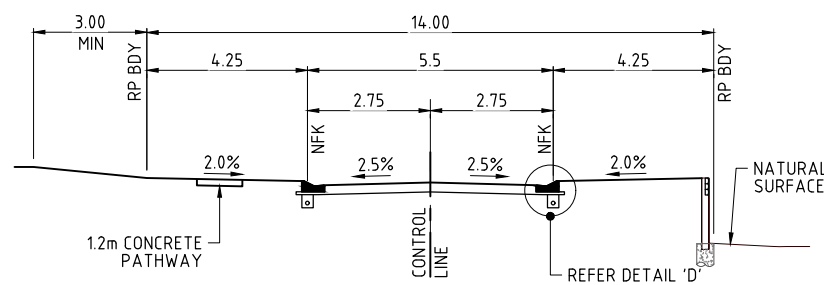
**C** TYPICAL CROSS SECTION - ROAD 1  
NEIGHBOURHOOD ROAD (NON-BUS ROUTE) (40km/hr)  
SCALE 1:100



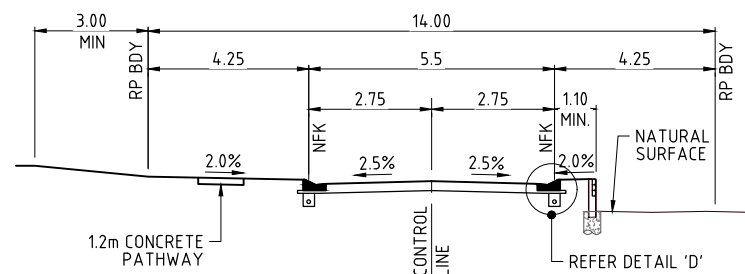
**D** TYPICAL CROSS SECTION - ROAD 1  
NEIGHBOURHOOD ROAD (NON-BUS ROUTE) (40km/hr)  
SCALE 1:100



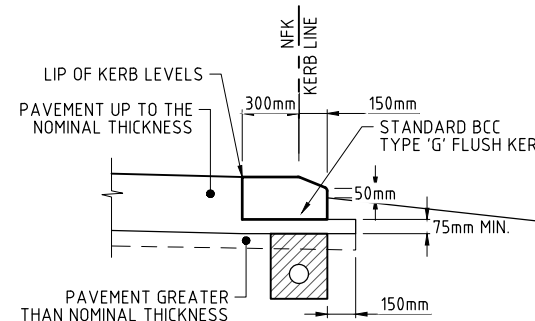
**DETAIL 'D'**  
SCALE 1:20



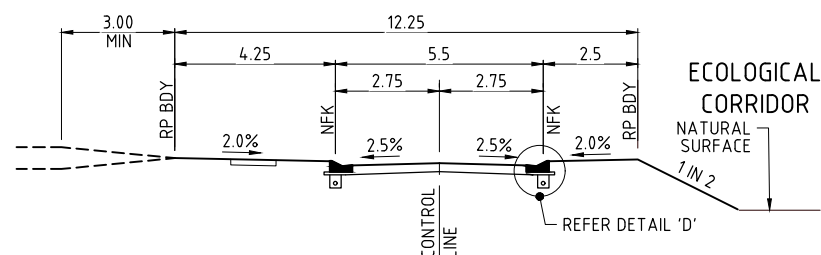
**E** TYPICAL CROSS SECTION - TRIVIOR ST  
LOCAL STREET (40km/hr)  
SCALE 1:100



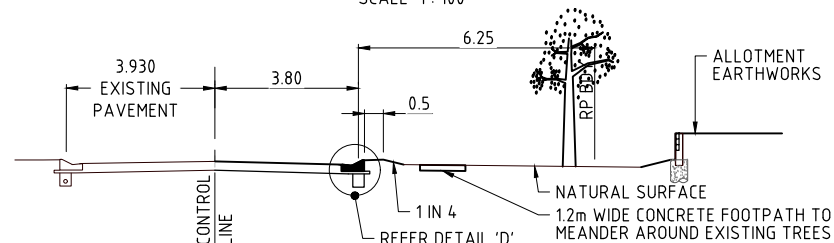
**F** TYPICAL CROSS SECTION - ROAD 4  
CH13.000 - CH178.000  
LOCAL STREET (40km/hr)  
SCALE 1:100



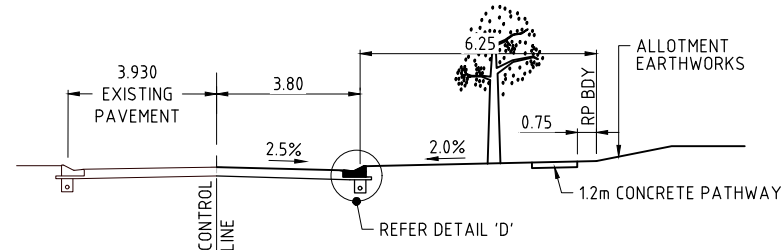
**DETAIL 'G'**  
SCALE 1:20



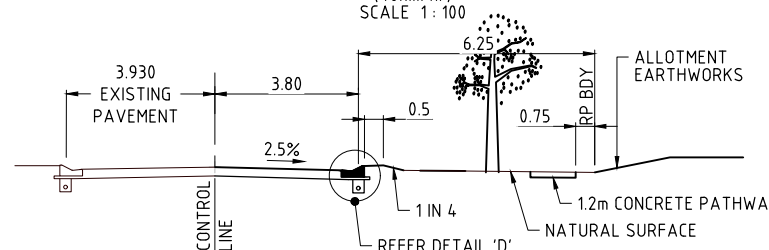
**G** TYPICAL CROSS SECTION ROAD 3, 4 (CH178-CH230) & 5  
LOCAL STREET (40km/hr)  
SCALE 1:100



**H** TYPICAL CROSS SECTION LAXTON ROAD  
NEIGHBOURHOOD STREET  
(40km/hr)  
SCALE 1:100



**J** TYPICAL CROSS SECTION LAXTON ROAD  
NEIGHBORHOOD STREET  
(40km/hr)  
SCALE 1:100



**K** TYPICAL CROSS SECTION LAXTON ROAD  
NEIGHBORHOOD STREET  
(40km/hr)  
SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD TYPICAL SECTIONS

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26 CT03 D  
PLAN: 1:100 @ A1  
ISSUE: 24/04/2026  
DATE: SB  
DRAFTED BY: SB  
FILE NAME: B3602EA8\_DA26.DWG

Intersection KRAFT RD  
= CH.0.000 RL.18.312

Intersection Road 2  
= CH.69.166 RL.18.469

Intersection TRIVIOR ST  
= CH.164.505 RL.18.642

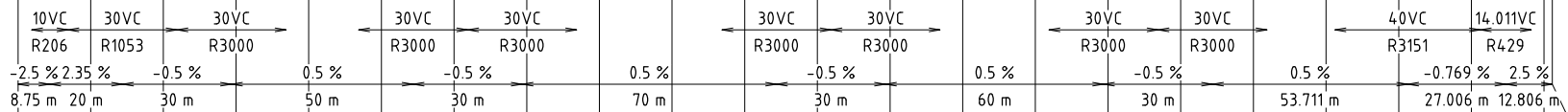
Intersection Road 3  
= CH.190.868 RL.18.774

Intersection Road 4  
= CH.246.349 RL.18.761

Intersection Road 5  
= CH.268.383 RL.18.862

Intersection LAXTON RD  
= CH.422.272 RL.19.244

V.C. LENGTH (m)  
RADIUS OF CURVATURE  
TANGENT GRADE (%)  
DISTANCE IP-IP



DATUM R.L.7.0

LHS LIP OF KERB LEVELS		18.429	18.590		18.703	18.694	18.641	18.709		18.894	18.909	19.009	19.065	19.003	19.011	19.109	19.160	19.085					
RHS LIP OF KERB LEVELS		18.253	18.414	18.365	18.434	18.527	18.519	18.465	18.634	18.727	18.719	18.665	18.890	18.828	18.836	18.934	18.985	18.910					
CUT (-ve) FILL	0.000	0.279	0.597	0.317	0.482	0.598	0.696	0.598	0.569	0.619	0.821	0.788	0.729	0.740	0.656	0.581	0.487	0.256	0.076				
PAVEMENT LEVELS ALONG CONTROLLINE	18.312	18.339	18.501	18.451	18.520	18.613	18.605	18.551	18.620	18.720	18.813	18.805	18.751	18.976	18.914	18.922	19.071	18.996	19.188				
SURFACE LEVELS ALONG CONTROLLINE	18.312	18.061	17.903	18.134	18.038	18.016	17.909	17.953	18.051	18.101	17.992	18.017	18.022	18.236	18.258	18.341	18.453	18.584	18.740	19.112			
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	320.000	340.000	360.000	380.000	400.000	420.000	422.272

LONGITUDINAL SECTION - ROAD 1  
(NEIGHBOURHOOD ROAD)



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

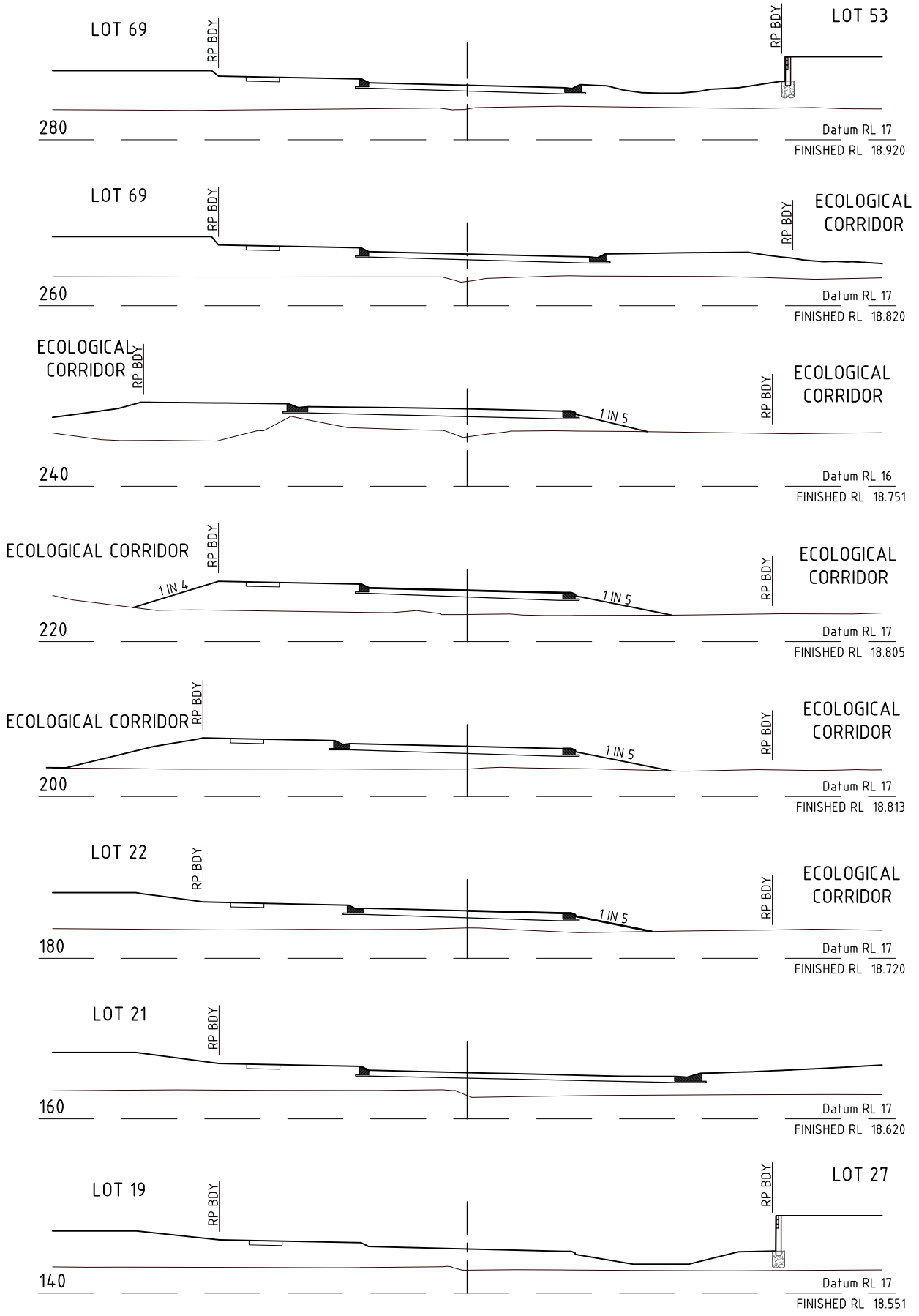
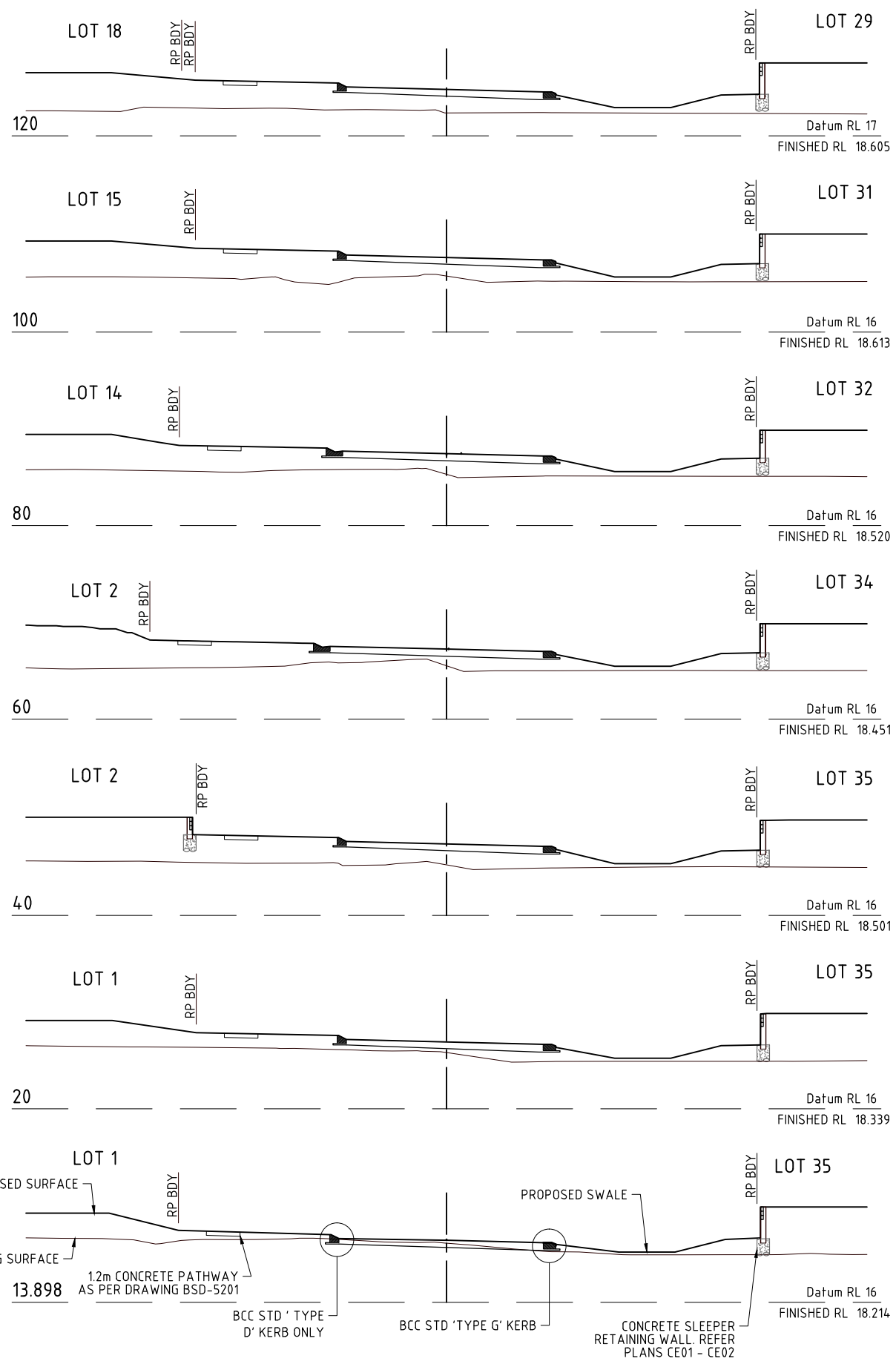
## ENGINEERING CONCEPT - ROAD 1 - LONGITUDINAL SECTION

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

JOB NO: B3602EA8\_DA26 PLAN: CT04 B ISSUE:  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 12/05/2026 15/12/2025  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

B:\05\2026\N18\660\ARDA\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26



**ENGINEERING CONCEPT - ROAD 1 - CROSS SECTIONS - SHEET 1 OF 2**

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD



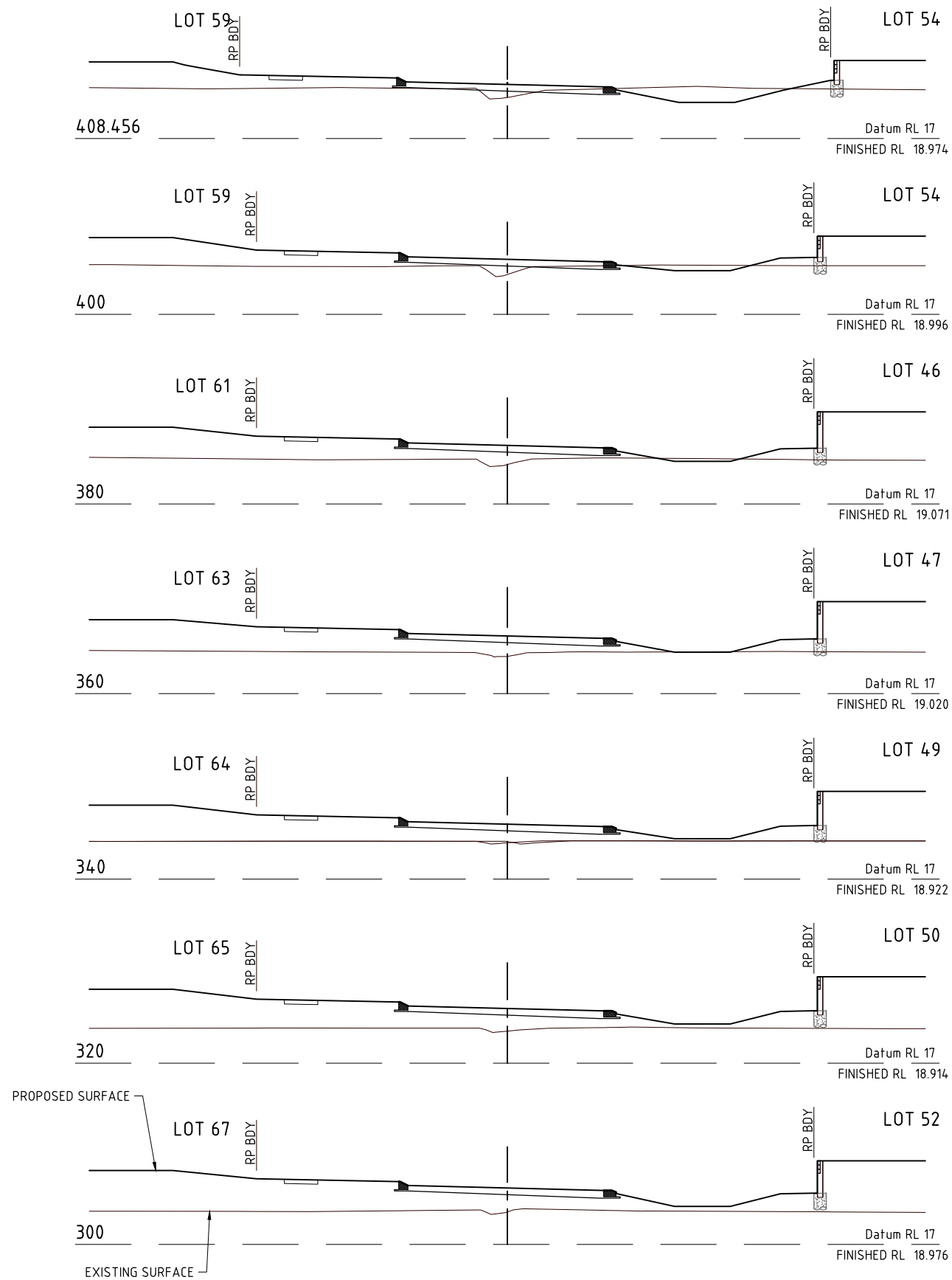
BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26 PLAN: CT05 C ISSUE:  
SCALE: 1:100 @ A1  
DATE: 01/04/2026  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

B:\05\2026\N18\602\A8\DA26\DESIGN\WORKING DRAWINGS\B3602EA8.DWG



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 1 - CROSS SECTIONS - SHEET 2 OF 2

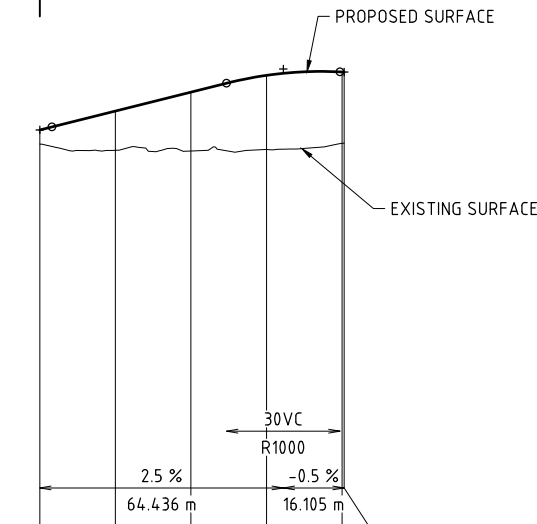
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

BCC DS  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362

JOB NO: B3602EA8\_DA26 PLAN: CT06 ISSUE: C  
 SCALE: 1:100 @ A1  
 DATE: 01/04/2026  
 DRAFTED BY: WN  
 FILE NAME: B3602EA8\_DA26.DWG

R:\05\2026\N18\6602\A006935362\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26

Intersection Road 1  
RL 18.469  
= CH 0.000

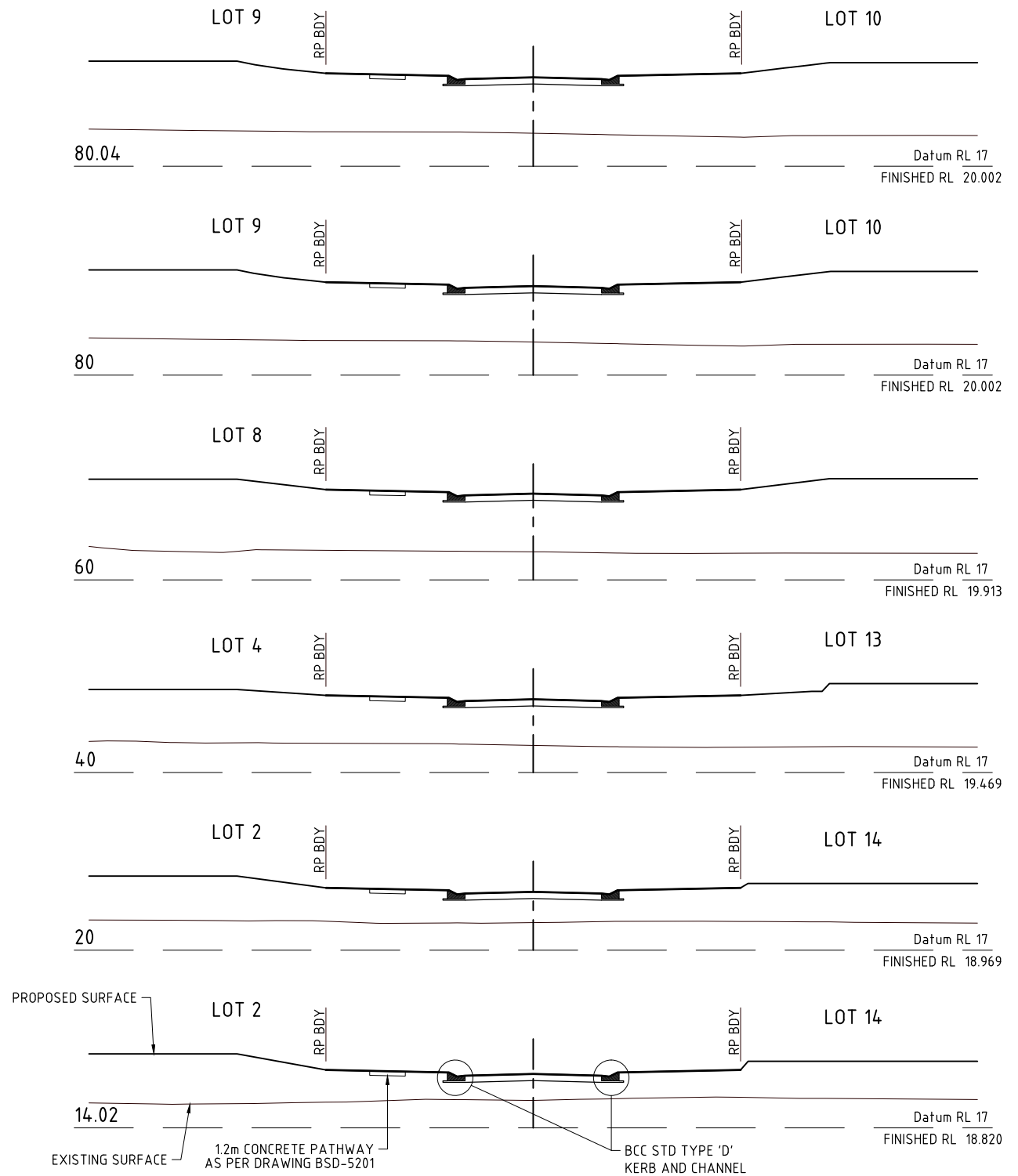


V.C. LENGTH (m)  
RADIUS OF CURVATURE  
TANGENT GRADE (%)  
DISTANCE IP-IP

DATUM R.L. 7.0

LHS LIP OF KERB LEVELS		18.912	19.412	19.856	19.945
RHS LIP OF KERB LEVELS		18.912	19.412	19.856	19.945
CUT (-ve) FILL	0.370	1.040	1.557	1.963	1.887 1.879
PAVEMENT LEVELS ALONG CONTROLLINE	18.469	18.969	19.469	19.913	20.002 19.999
SURFACE LEVELS ALONG CONTROLLINE	18.099	17.929	17.912	17.950	18.116 18.121
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000 81.540

LONGITUDINAL SECTION - ROAD 2  
(LOCAL ROAD)



CROSS SECTIONS - ROAD 2  
SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

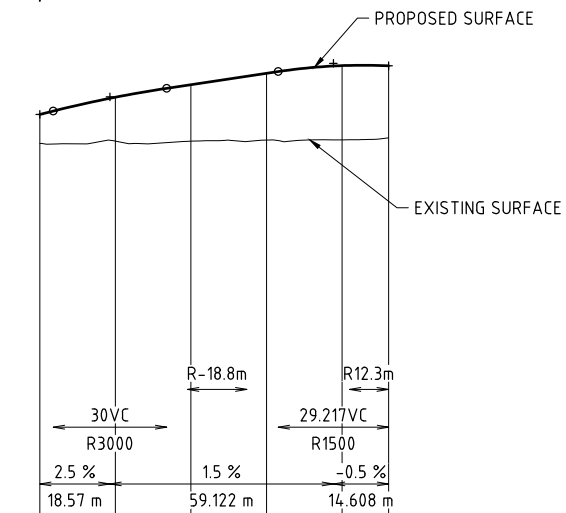
## ENGINEERING CONCEPT - ROAD 2 - LONGITUDINAL & CROSS SECTIONS

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26 CT07 B  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 15/12/2025  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

Intersection Road 1  
= CH.0+000 RL.18.774

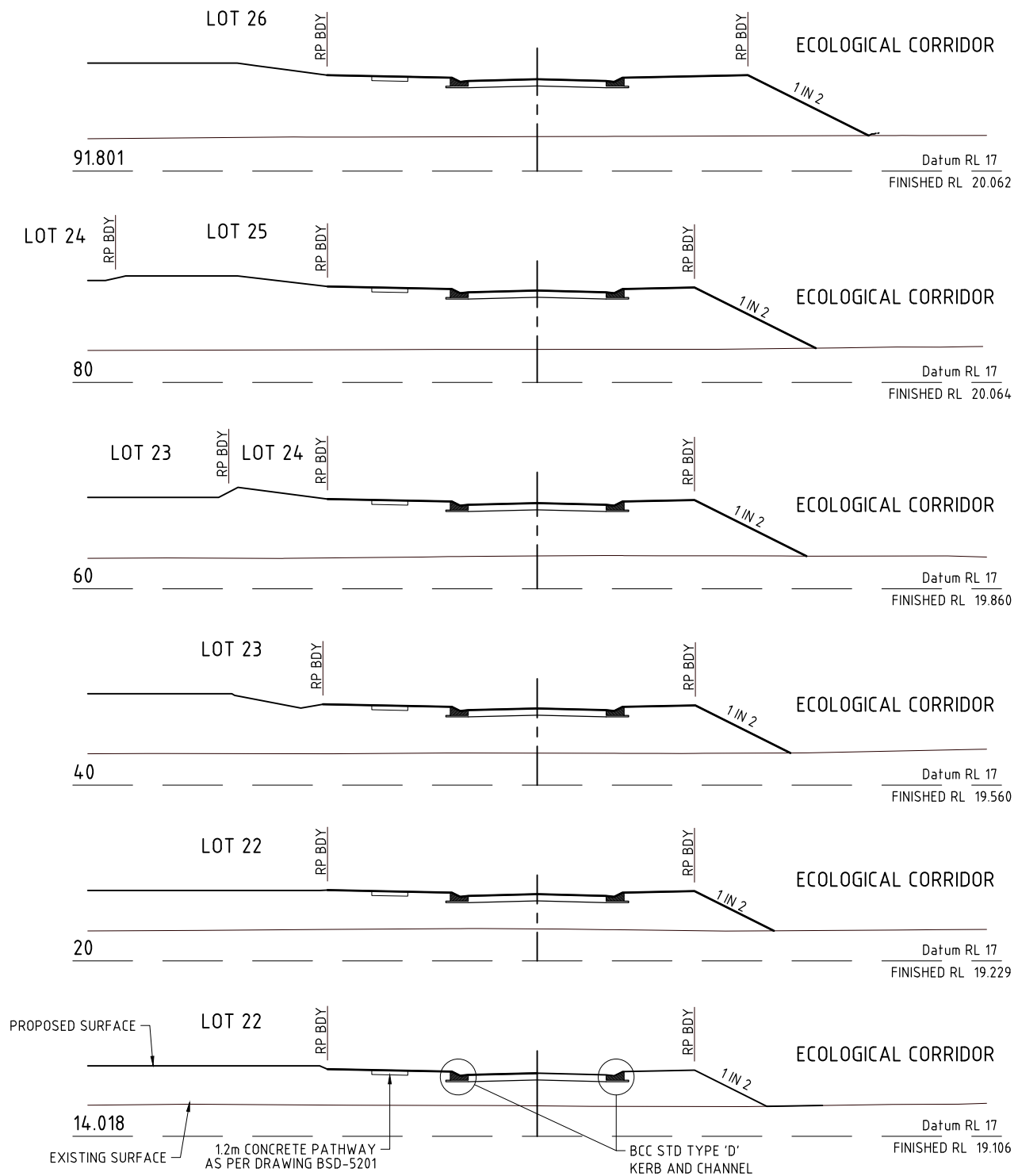


HORIZ. CURVE DATA  
V.C. LENGTH (m)  
RADIUS OF CURVATURE  
TANGENT GRADE (%)  
DISTANCE IP-IP

DATUM R.L. 7.0

LHS LIP OF KERB LEVELS		19.172	19.502	19.802	20.007	
RHS LIP OF KERB LEVELS		19.172	19.502	19.802	20.007	
CUT (-ve) FILL	0.772	1.160	1.492	1.764	1.964	1.905
PAVEMENT LEVELS ALONG CONTROLLINE	18.774	19.229	19.560	19.860	20.064	20.060
SURFACE LEVELS ALONG CONTROLLINE	18.002	18.070	18.068	18.096	18.101	18.155
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000	93.301

LONGITUDINAL SECTION - ROAD 3  
(LOCAL ROAD)



CROSS SECTIONS - ROAD 3

SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

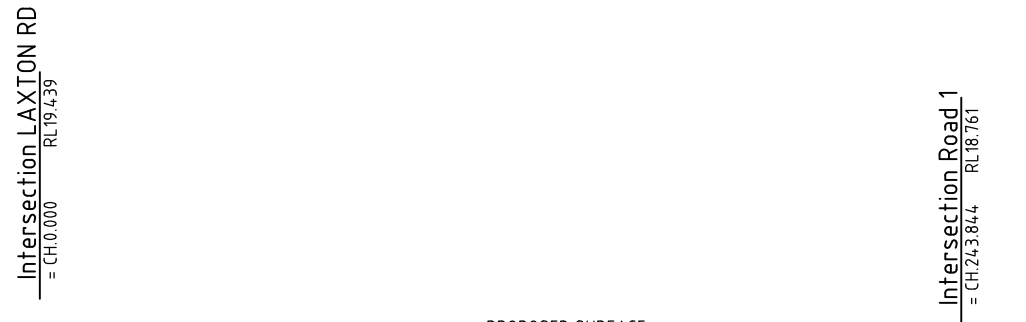
PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 3 - LONGITUDINAL & CROSS SECTIONS

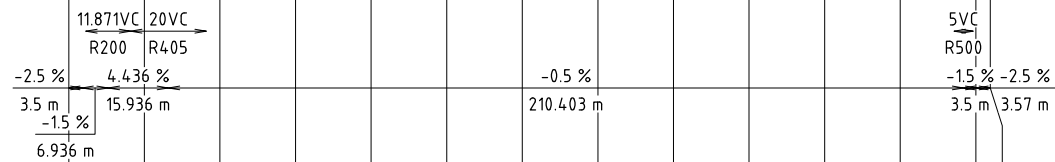
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

JOB NO: PLAN: ISSUE:  
B3602EA8\_DA26 CT08 B  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 12/05/2026  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362



HORIZ. CURVE DATA  
 V.C. LENGTH (m)  
 RADIUS OF CURVATURE  
 TANGENT GRADE (%)  
 DISTANCE IP-IP



DATUM R.L. 7.0

LHS LIP OF KERB LEVELS		19.598	19.829	19.729	19.629	19.529	19.429	19.329	19.229	19.129	19.029	18.929	
RHS LIP OF KERB LEVELS		19.598	19.829	19.729	19.629	19.529	19.429	19.329	19.229	19.129	19.029	18.929	
CUT (-ve) FILL	0.000	0.311	0.579	0.702	0.858	0.953	0.886	1.115	0.920	0.983	1.006	0.942	0.736
PAVEMENT LEVELS ALONG CONTROLLINE	19.439	19.656	19.886	19.786	19.686	19.586	19.486	19.386	19.286	19.186	19.086	18.986	18.854
SURFACE LEVELS ALONG CONTROLLINE	19.439	19.345	19.307	19.085	18.828	18.633	18.600	18.272	18.367	18.203	18.080	18.045	18.118
PEGGED CHAINAGE ALONG CONTROLLINE	0+000	20+000	40+000	60+000	80+000	100+000	120+000	140+000	160+000	180+000	200+000	220+000	240+000
													244.844

LONGITUDINAL SECTION - ROAD 4  
 (LOCAL ROAD)



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

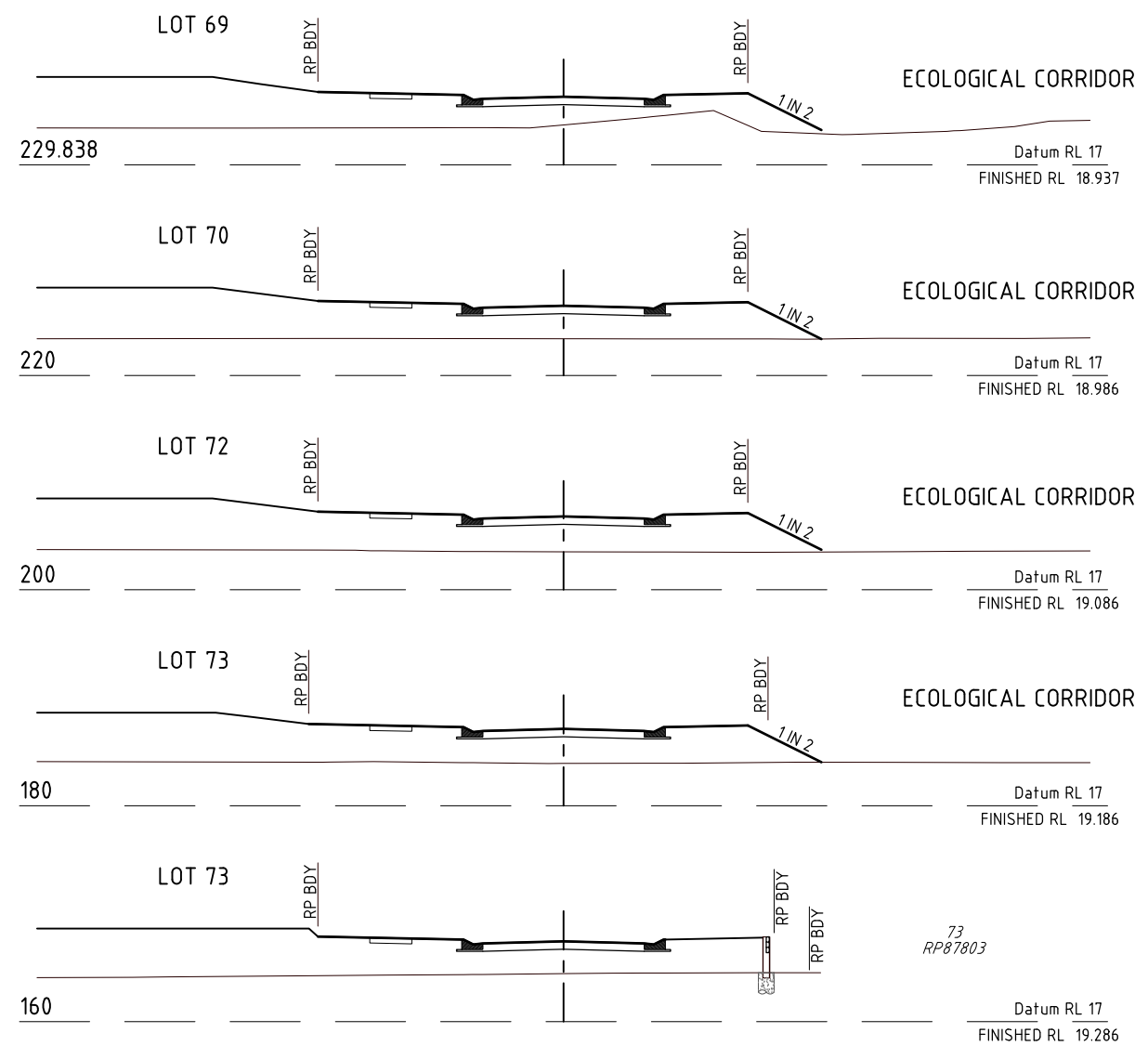
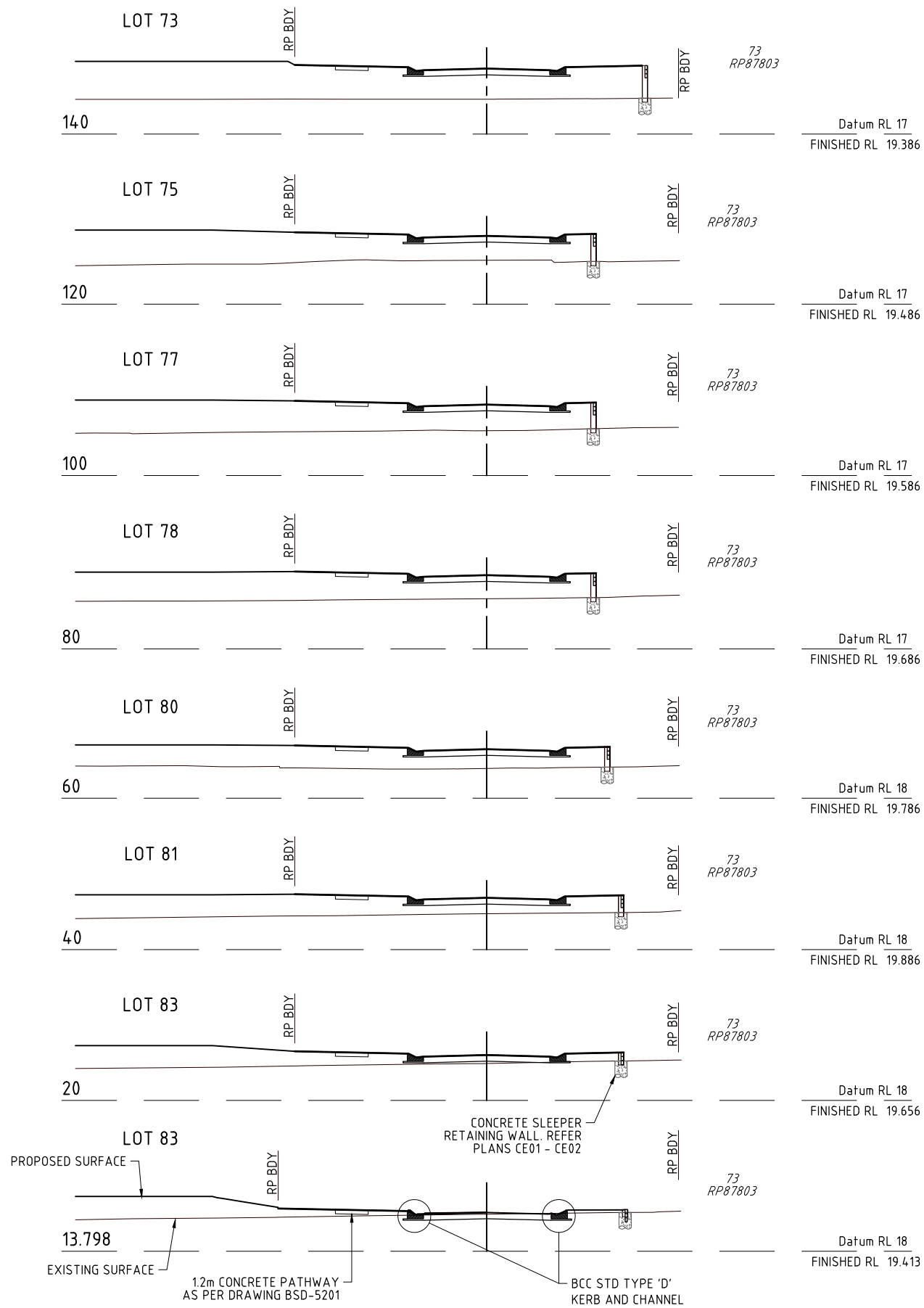
PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 4 - LONGITUDINAL SECTION

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

JOB NO: B3602EA8\_DA26 PLAN: CT09 B ISSUE:  
 SCALE: H 1:1000 V 1:100 @ A1  
 DATE: 15/12/2025  
 DRAFTED BY: WN  
 FILE NAME: B3602EA8\_DA26.DWG

BCC DS  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

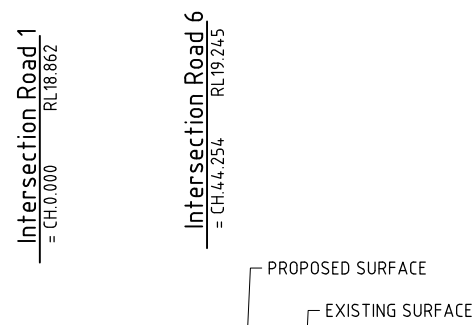
PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 4 - CROSS SECTIONS

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

BCC DS  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362

JOB NO: B3602EA8\_DA26 PLAN: CT10 B ISSUE:  
 SCALE: 1:100 @ A1  
 DATE: 15/12/2025  
 DRAFTED BY: WN  
 FILE NAME: B3602EA8\_DA26.DWG

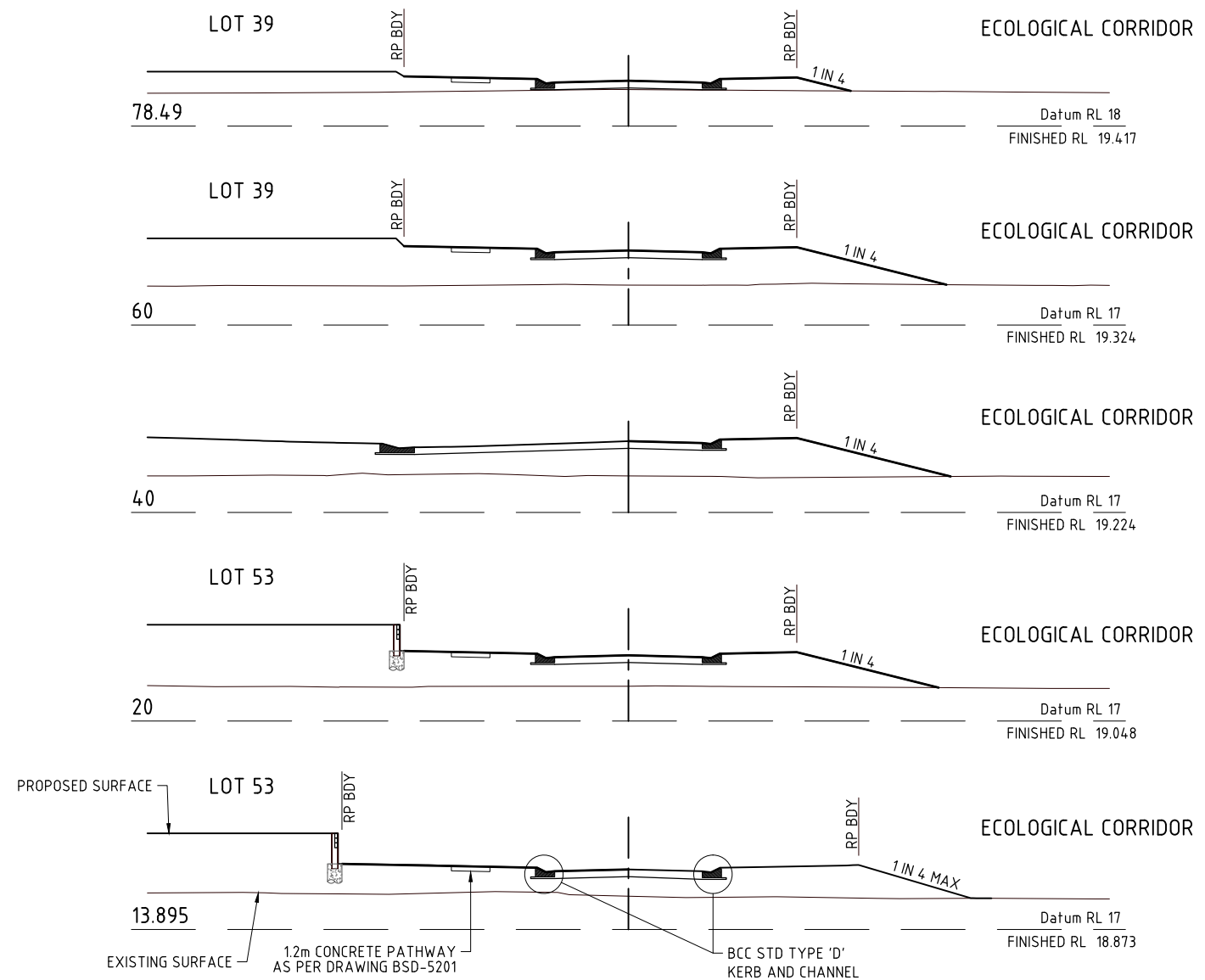


V.C. LENGTH (m)  
RADIUS OF CURVATURE  
TANGENT GRADE (%)  
DISTANCE IP-IP

DATUM R.L. 7.0

LHS LIP OF KERB LEVELS						
RHS LIP OF KERB LEVELS						
CUT (-ve)	0.778	0.963	1.083	1.078	0.191	0.163
FILL						
PAVEMENT LEVELS ALONG CONTROLLINE	18.862	19.048	19.224	19.324	19.424	19.427
SURFACE LEVELS ALONG CONTROLLINE	18.084	18.085	18.141	18.246	19.233	19.263
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000	81.490

LONGITUDINAL SECTION - ROAD 5  
(LOCAL ROAD)



CROSS SECTIONS - ROAD 5  
SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 5 - LONGITUDINAL & CROSS SECTIONS

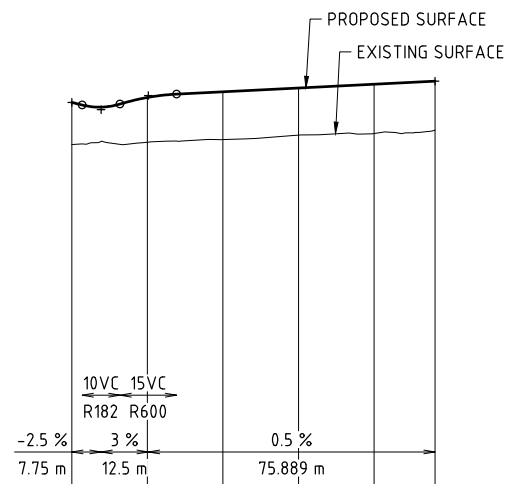
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

JOB NO: PLAN: ISSUE:  
B3602EA8\_DA26 CT11 B  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 12/05/2026 15/12/2025  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

Intersection Road 5  
= CH.0.000 RL19.245

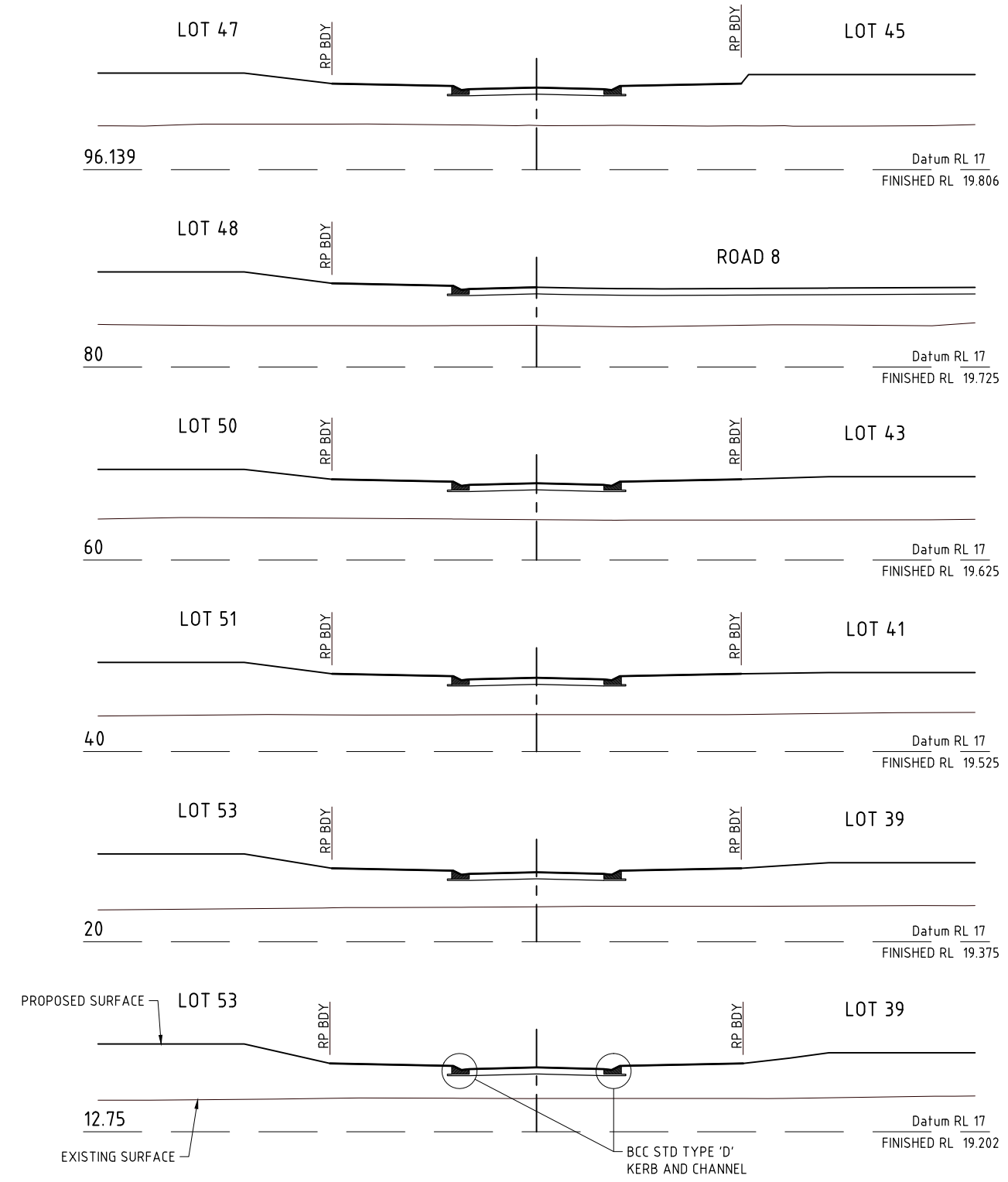
Intersection Road 7  
= CH.79.949 RL19.725



DATUM R.L.8.0

LHS LIP OF KERB LEVELS		19.318	19.468	19.568	19.668	19.749
RHS LIP OF KERB LEVELS		19.318	19.468	19.568	19.749	
CUT (-ve) FILL	1.116	1.182	1.265	1.244	1.302	1.295
PAVEMENT LEVELS ALONG CONTROLLINE	19.245	19.375	19.525	19.625	19.725	19.806
SURFACE LEVELS ALONG CONTROLLINE	18.130	18.193	18.261	18.381	18.423	18.511
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000	96.139

LONGITUDINAL SECTION - ROAD 6  
(LOCAL ROAD)



CROSS SECTIONS - ROAD 6  
SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 6 - LONGITUDINAL & CROSS SECTIONS

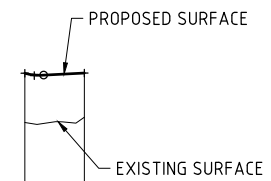
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26 PLAN: CT12 B ISSUE:  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 17/07/2025  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

B:\05\2026\N18\6602\DA26\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26

Intersection Road 6  
= CH.0.000 RL.19.725

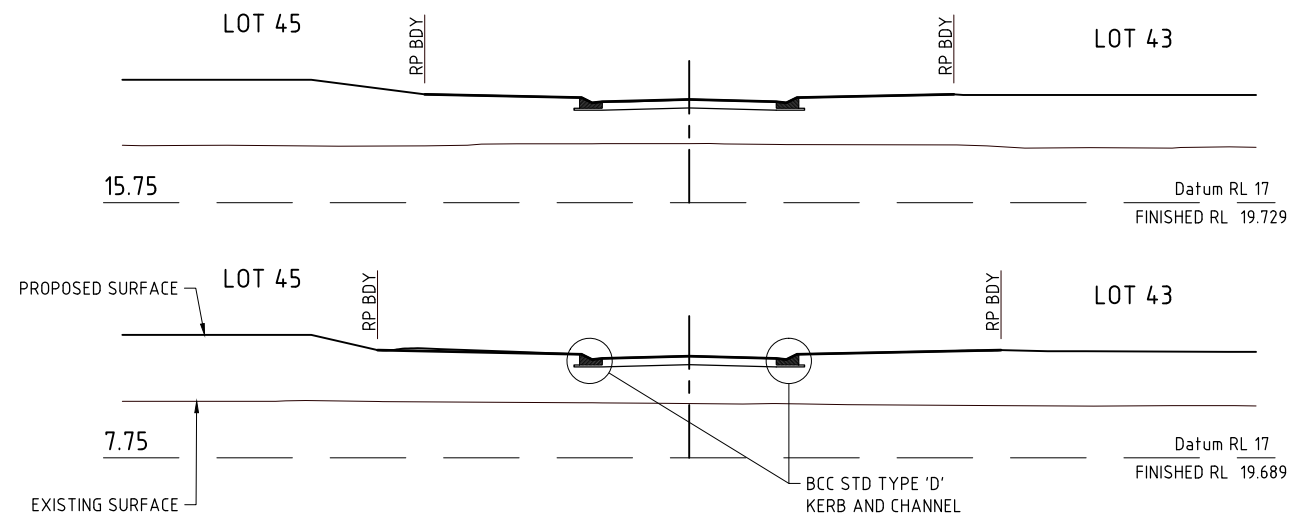


V.C. LENGTH (m) 5VC  
RADIUS OF CURVATURE R167  
TANGENT GRADE (%) -2.5% 0.5%  
DISTANCE IP-IP 2.5 m 13.25 m

DATUM R.L.8.0

LHS LIP OF KERB LEVELS		
RHS LIP OF KERB LEVELS		
CUT (-ve)	1.303	1.166
FILL		
PAVEMENT LEVELS ALONG CONTROLLINE	19.725	19.729
SURFACE LEVELS ALONG CONTROLLINE	18.422	18.563
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	15.750

LONGITUDINAL SECTION - ROAD 7  
(LOCAL ROAD)



CROSS SECTIONS - ROAD 7  
SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - ROAD 7 - LONGITUDINAL & CROSS SECTIONS

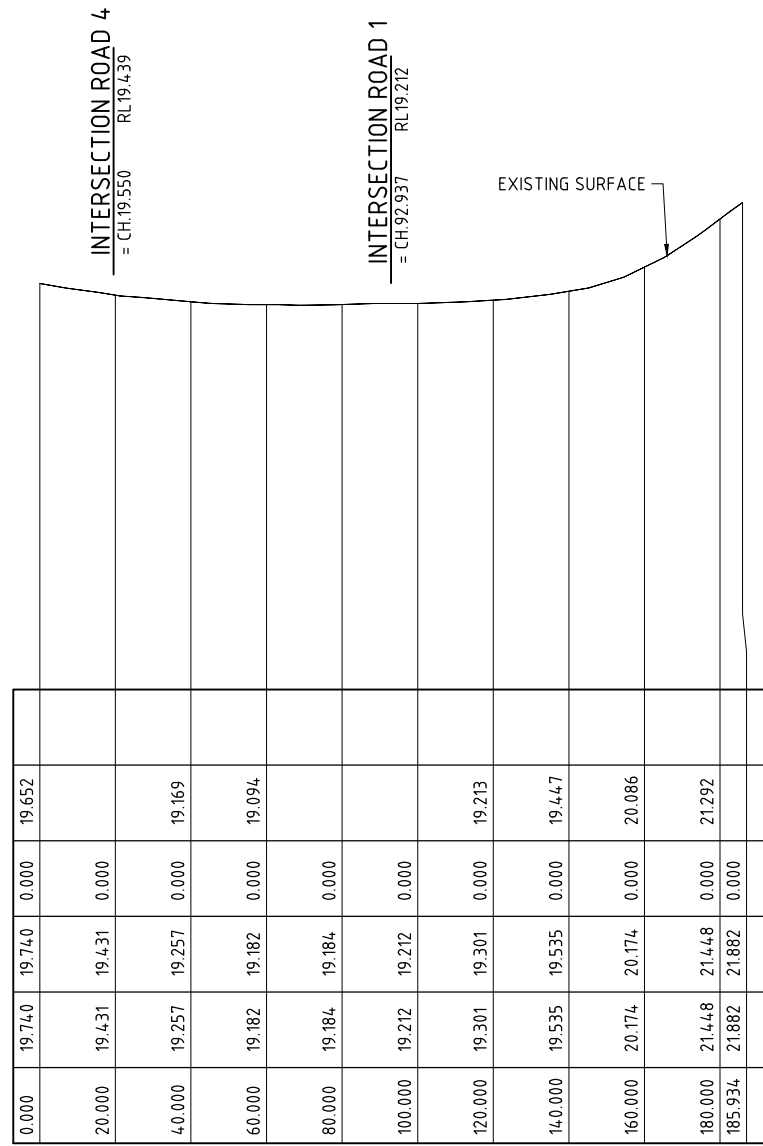
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26 PLAN: CT13 B ISSUE:  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 17/07/2025  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

B:\05\2026\NIB\6602\ARDA\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26

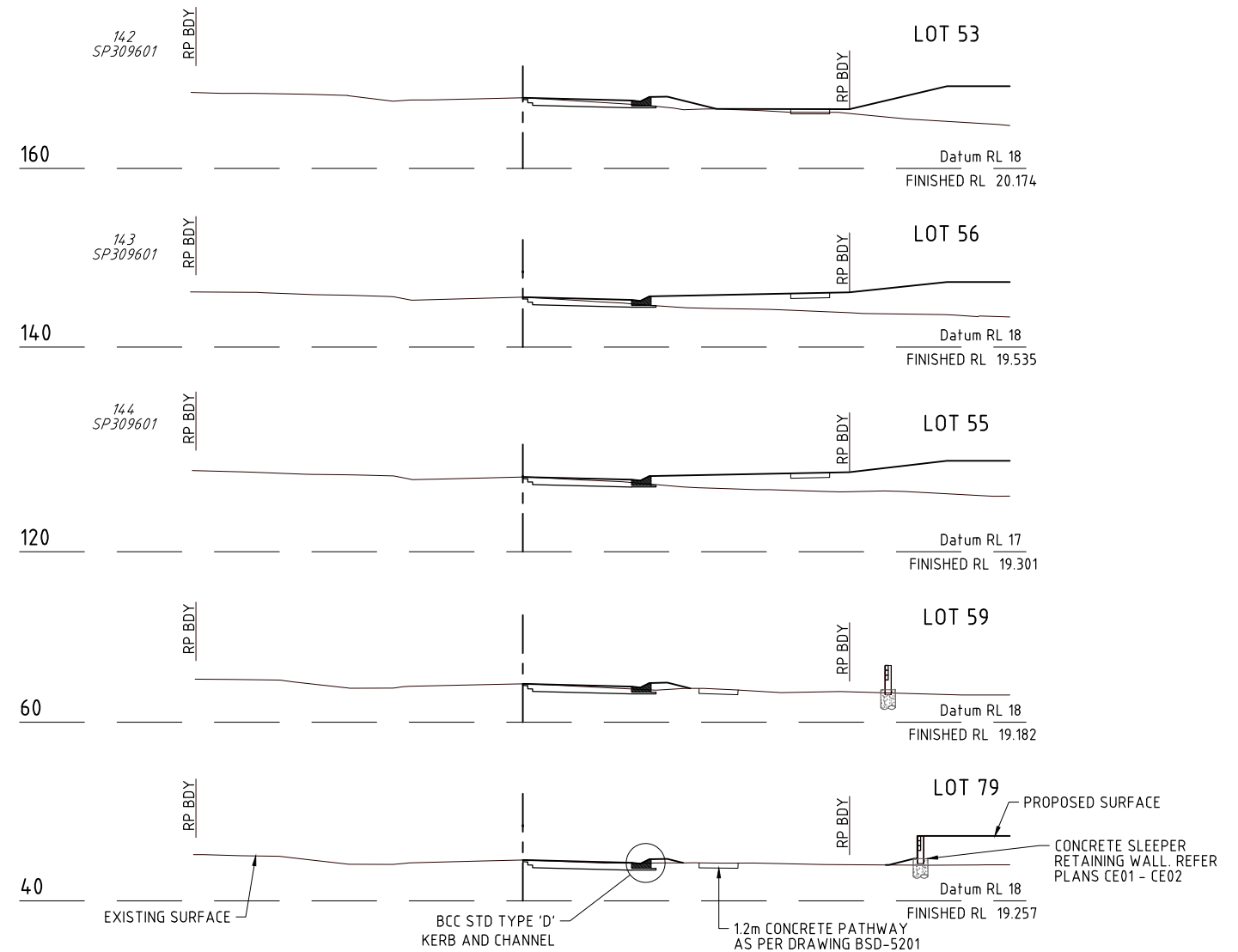




DATUM R.L.9.0

LHS LIP OF KERB LEVELS														
RHS LIP OF KERB LEVELS	19.652		19.169	19.094		19.213	19.447	20.086	21.292					
CUT (-ve) FILL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PAVEMENT LEVELS ALONG CONTROLLINE	19.740	19.431	19.257	19.182	19.184	19.212	19.301	19.535	20.174	21.448	21.882			
SURFACE LEVELS ALONG CONTROLLINE	19.740	19.431	19.257	19.182	19.184	19.212	19.301	19.535	20.174	21.448	21.882			
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	185.934			

LONGITUDINAL SECTION - LAXTON ROAD  
(DISTRICT ROAD)



CROSS SECTIONS - LAXTON ROAD  
SCALE 1:100



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - LAXTON ROAD - LONGITUDINAL & CROSS SECTIONS

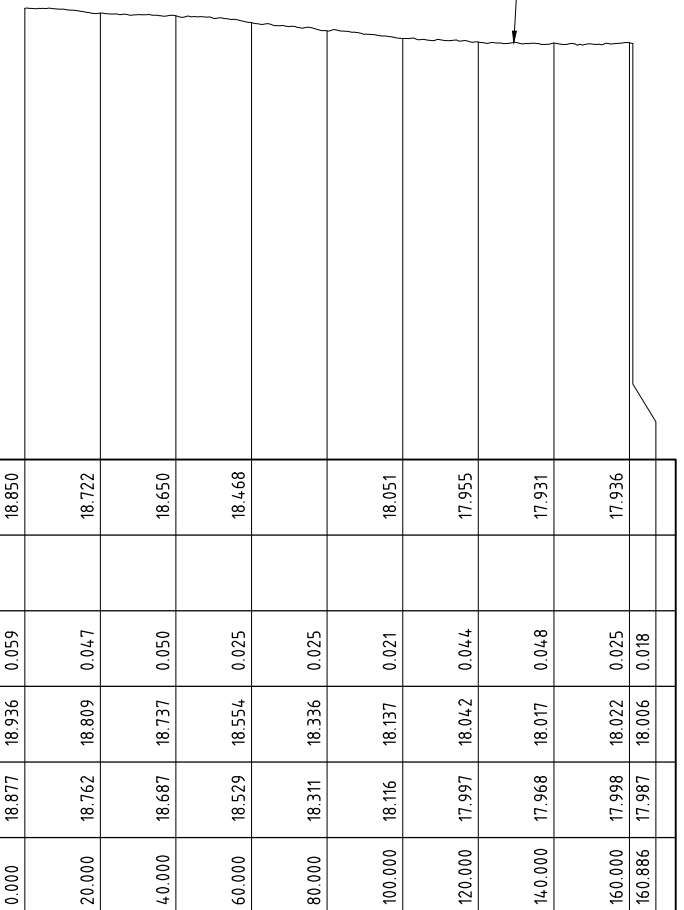
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26  
PLAN: CT15  
ISSUE: B  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 01/04/2026  
DRAFTED BY: SB  
FILE NAME: B3602EA8\_DA26.DWG

INTERSECTION ROAD 1  
= CH.80+448 RL.18.335

EXISTING SURFACE



DATUM R.L.7.0

LHS LIP OF KERB LEVELS	18.850	18.722	18.650	18.468		18.051	17.955	17.931	17.936	
RHS LIP OF KERB LEVELS										
CUT (-ve) FILL	0.059	0.047	0.050	0.025	0.025	0.021	0.044	0.048	0.025	0.018
PAVEMENT LEVELS ALONG CONTROLLINE	18.936	18.809	18.737	18.554	18.336	18.137	18.042	18.017	18.022	18.006
SURFACE LEVELS ALONG CONTROLLINE	18.877	18.762	18.687	18.529	18.311	18.116	17.997	17.968	17.998	17.987
PEGGED CHAINAGE ALONG CONTROLLINE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	160.886

LONGITUDINAL SECTION - KRAFT ROAD  
(DISTRICT ROAD)



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

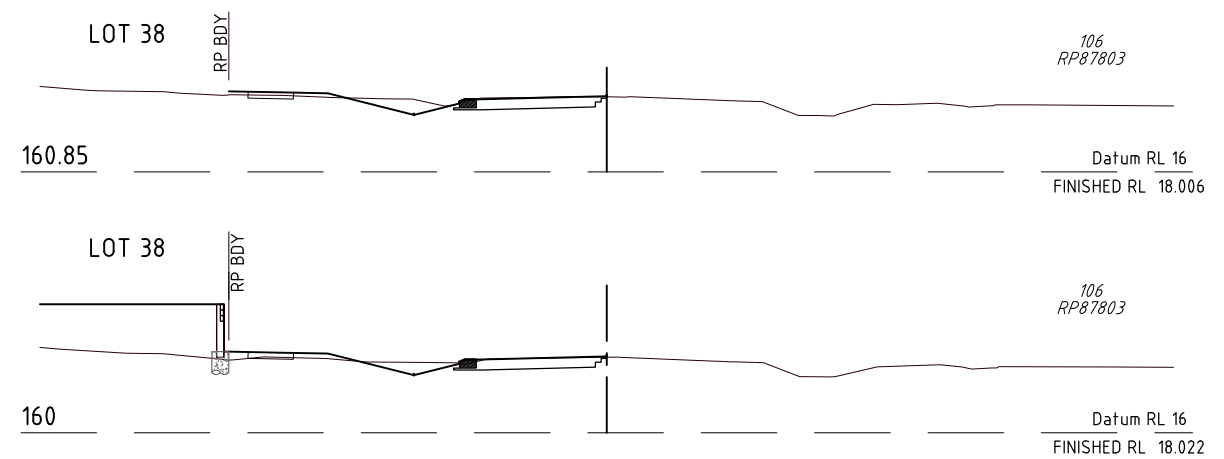
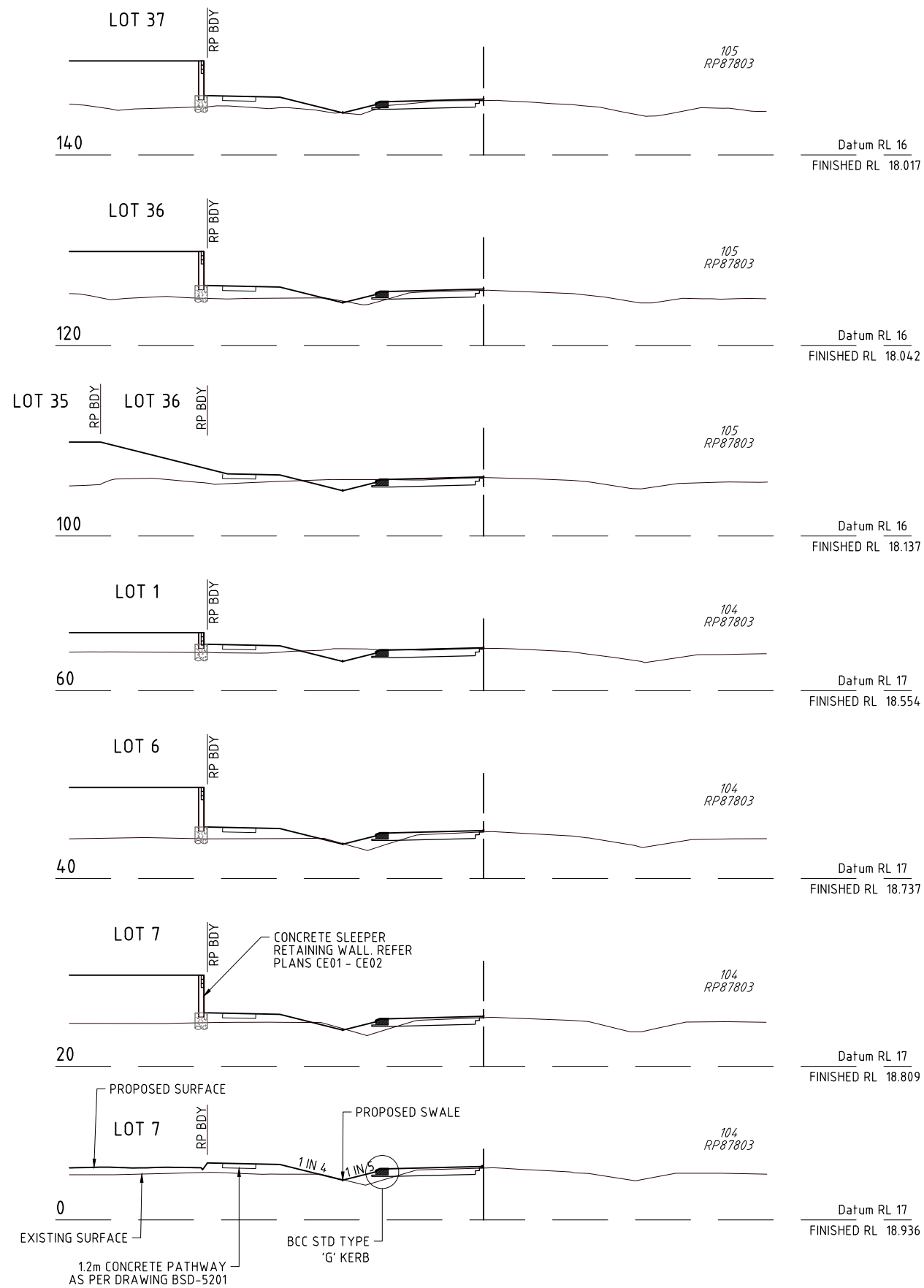
## ENGINEERING CONCEPT - KRAFT ROAD - LONGITUDINAL SECTION

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26 PLAN: CT16 A ISSUE:  
SCALE: H 1:1000 V 1:100 @ A1  
DATE: 17/07/2025  
DRAFTED BY: WN  
FILE NAME: B3602EA8\_DA26.DWG

B:\05\2026 NIB 8602\ARDA\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

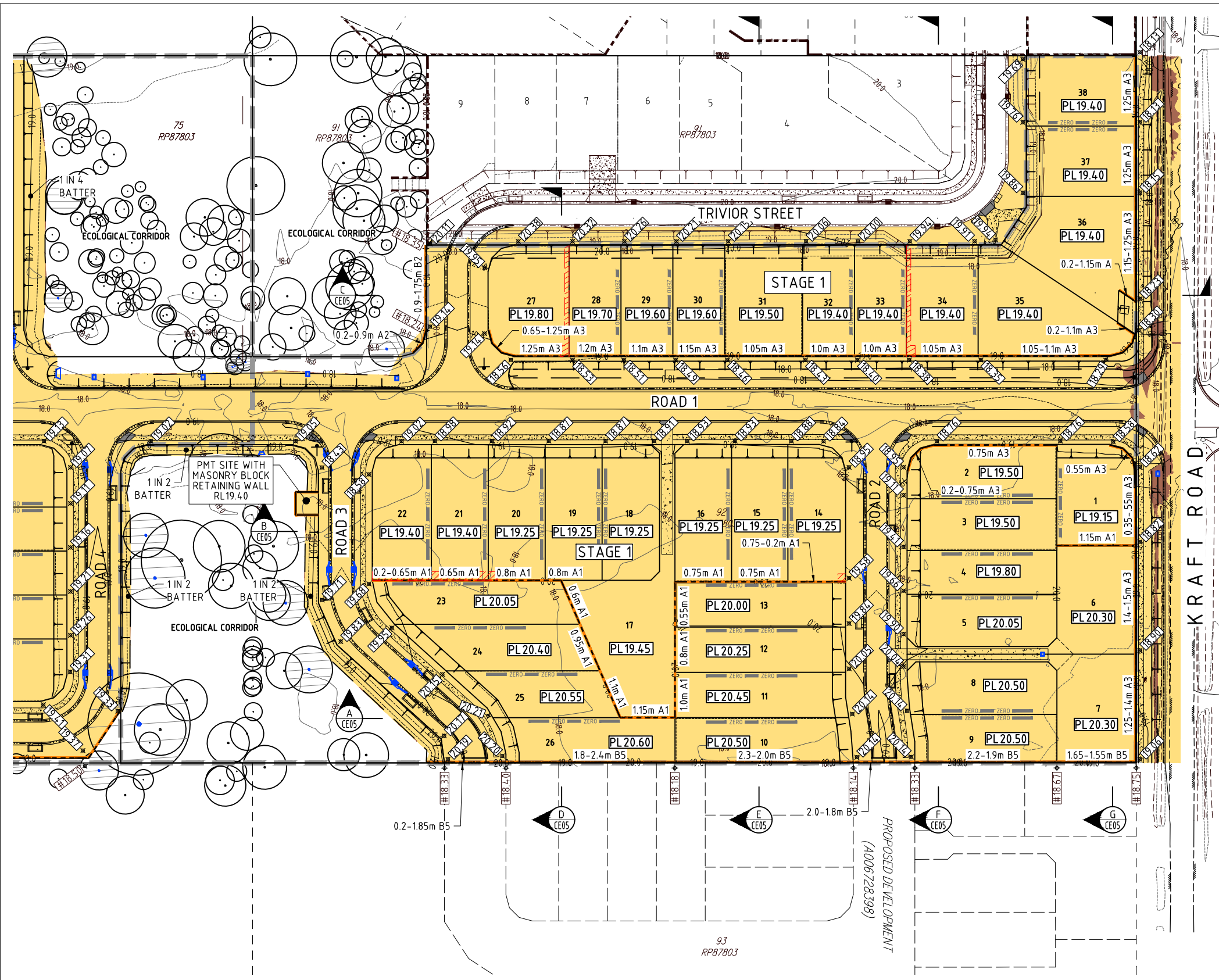
PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

## ENGINEERING CONCEPT - KRAFT ROAD - CROSS SECTIONS

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO: B3602EA8\_DA26  
PLAN: CT17  
ISSUE: B  
SCALE: 1:100 @ A1  
DATE: 01/04/2026  
DRAFTED BY: SB  
FILE NAME: B3602EA8\_DA26.DWG



- LEGEND:**
- EXISTING CONTOURS — 32 —
  - FINISHED CONTOURS — 32 —
  - PRELIMINARY PAD LEVEL (PL) PL 40.65
  - PRELIMINARY FILLING [Yellow Box]
  - PRELIMINARY EXCAVATION [Brown Box]
  - PRELIMINARY RETAINING WALL [Dashed Line]
  - EXISTING RETAINING WALL [Dotted Line]
  - PROPOSED TREE CELL AND RETAINING WALL ZONE [Purple Box]

- TREE LEGEND**
- TREES TO BE RETAINED AND PROTECTED [Circle with dot]
  - TREES TO BE RETAINED AND REQUIRES THE SUPERVISION OF ANY EXCAVATION OR SERVICES WORKS WITHIN THE HATCHED PROTECTION ZONE BY AN ABORIST ON SITE. [Circle with hatching]

**TPZ**  
 Tree Protection Zone  
 All vegetation to be protected in accordance with AS4970 - Protection of Trees on Development Sites & any conditions of approval.

- NOTES:**
1. BATTERS BETWEEN ALLOTMENTS TO BE 1 IN 2 MAXIMUM.
  2. PAD AND EARTHWORKS LEVELS ARE PRELIMINARY ONLY AND ARE SUBJECT TO DETAILED ENGINEERING DESIGN.
  3. RETAINING WALL HEIGHTS ARE INDICATIVE ONLY AND ARE SUBJECT TO DETAILED ENGINEERING DESIGN.
  4. PLEASE REFER TO THE TREE RETENTION PLAN (TRP) FOR DETAILS PERTAINING TO TREE RETENTION &/OR REMOVAL

**JFOP**  
URBAN CONSULTANTS

BRISBANE - SUNSHINE COAST - CENTRAL QLD

BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au

JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

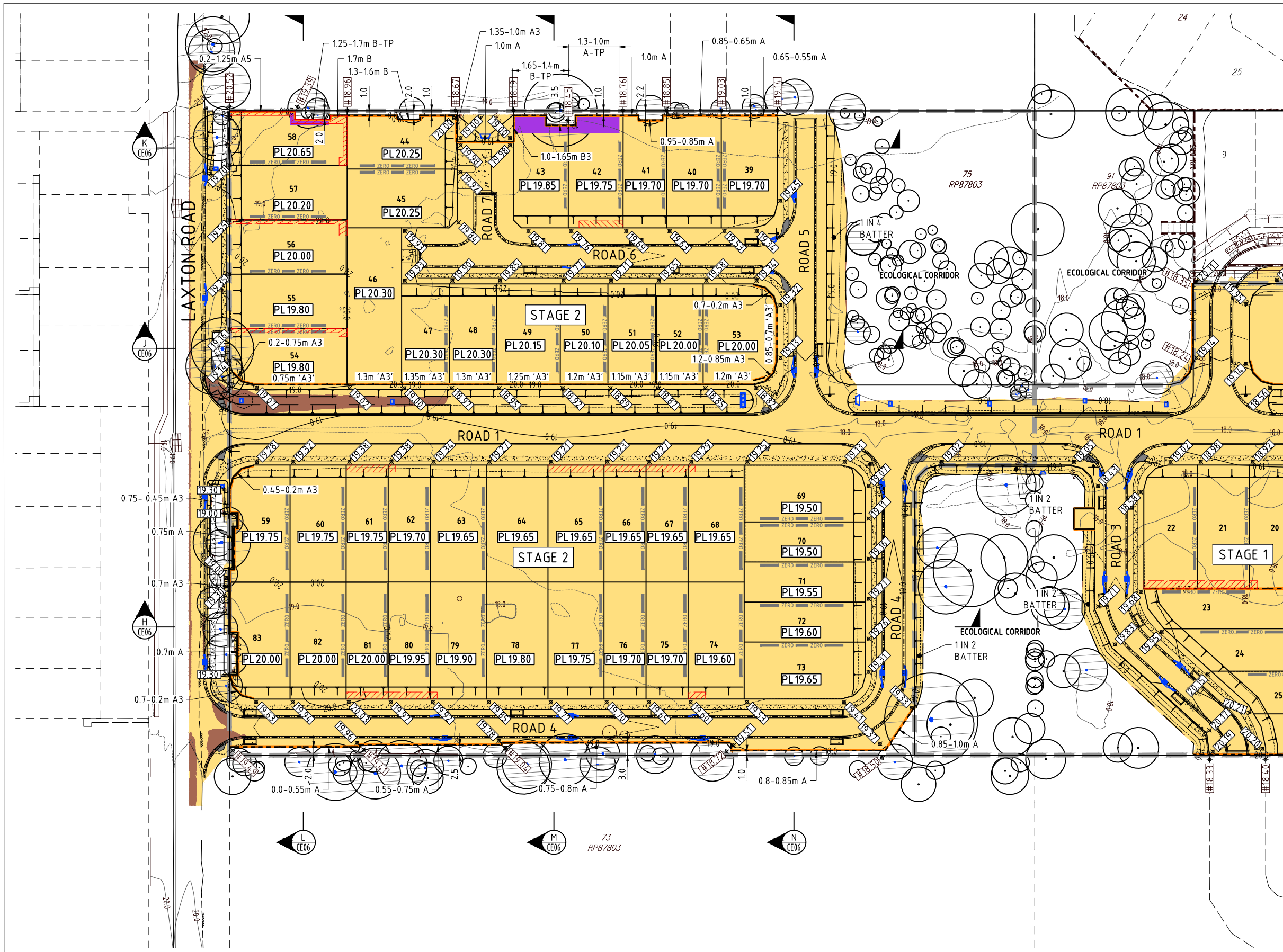
## ENGINEERING CONCEPT - EARTHWORKS LAYOUT PLAN SHEET 1 OF 2

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

BCC DS  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362

JOB NO:	PLAN:	ISSUE:
B3602EA8_DA26	CE01	C
SCALE:	1:500 @ A1	
DATE:	08/05/2026	
DRAFTED BY:	SB	
FILE NAME:	B3602EA8_DA26.DWG	

B:\05\2026\N18\8602\URBAN\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26



**LEGEND:**

- EXISTING CONTOURS ——— 32 ———
- FINISHED CONTOURS ——— 32 ———
- PRELIMINARY PAD LEVEL (PL) **PL 40.65**
- PRELIMINARY FILLING
- PRELIMINARY EXCAVATION
- PRELIMINARY RETAINING WALL
- EXISTING RETAINING WALL
- PROPOSED TREE CELL AND RETAINING WALL ZONE

**TREE LEGEND**

- TREES TO BE RETAINED AND PROTECTED
- TREES TO BE RETAINED AND REQUIRES THE SUPERVISION OF ANY EXCAVATION OR SERVICES WORKS WITHIN THE HATCHED PROTECTION ZONE BY AN ABORIST ON SITE.

**TPZ**  
Tree Protection Zone  
All vegetation to be protected in accordance with AS4970 - Protection of Trees on Development Sites & any conditions of approval.

- NOTES:**
- BATTERS BETWEEN ALLOTMENTS TO BE 1 IN 2 MAXIMUM.
  - PAD AND EARTHWORKS LEVELS ARE PRELIMINARY ONLY AND ARE SUBJECT TO DETAILED ENGINEERING DESIGN.
  - RETAINING WALL HEIGHTS ARE INDICATIVE ONLY AND ARE SUBJECT TO DETAILED ENGINEERING DESIGN.
  - PLEASE REFER TO THE TREE RETENTION PLAN (TRP) FOR DETAILS PERTAINING TO TREE RETENTION &/OR REMOVAL

**JFP URBAN CONSULTANTS**

BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045  
THIS DOCUMENT MAY NOT BE COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS IN PART OR IN WHOLE WITHOUT THE WRITTEN CONSENT OF JFP URBAN CONSULTANTS PTY LTD.

**ENGINEERING CONCEPT - EARTHWORKS LAYOUT PLAN SHEET 2 OF 2**

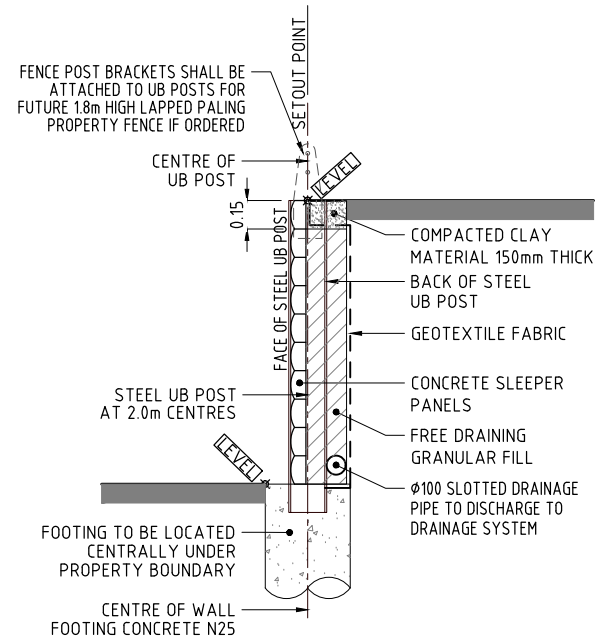
136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

JOB NO: B3602EA8\_DA26  
SCALE: 1:500 @ A1  
DATE: 12/05/2026  
DRAFTED BY: SB  
FILE NAME: B3602EA8\_DA26.DWG

PLAN: CE02  
ISSUE: C

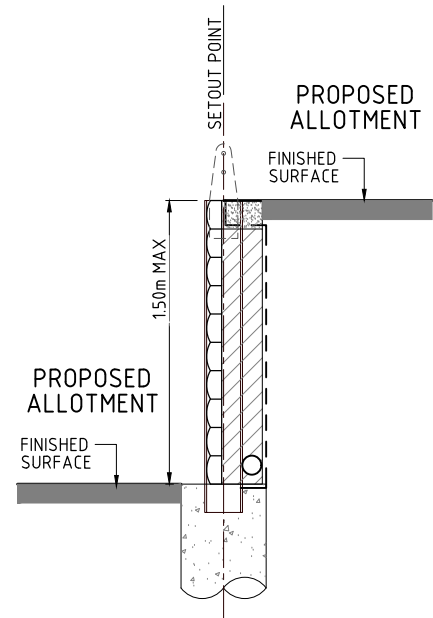
**BCC DS RECEIVED**  
12/05/2026  
APPLICATION REF: A006935362

B:\05\2026\N18\6602\URBAN\DESIGN\WORKING DRAWINGS\B3602EA8.DWG

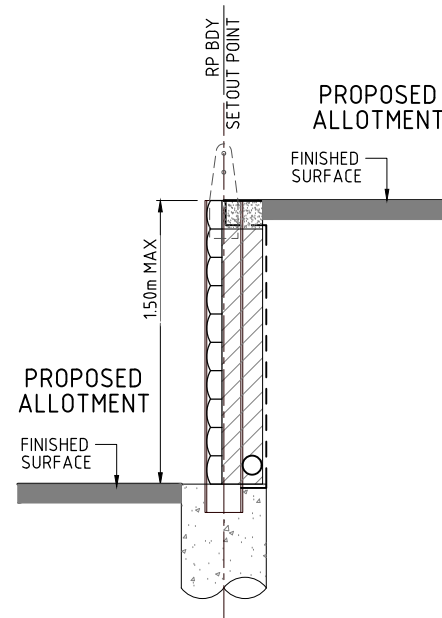


**TYPICAL DETAIL**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20

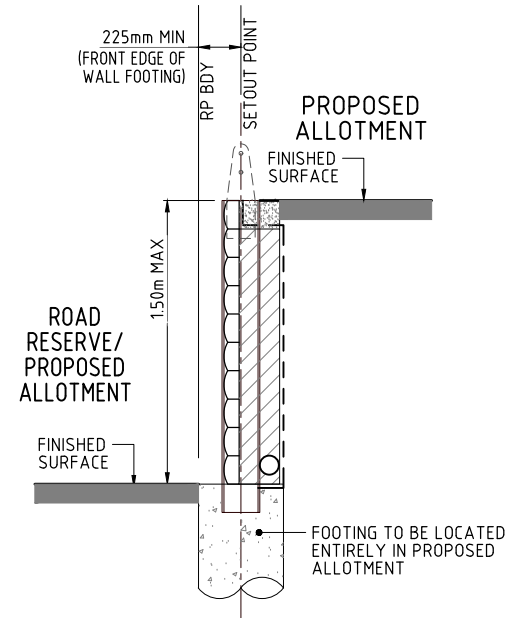
NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE



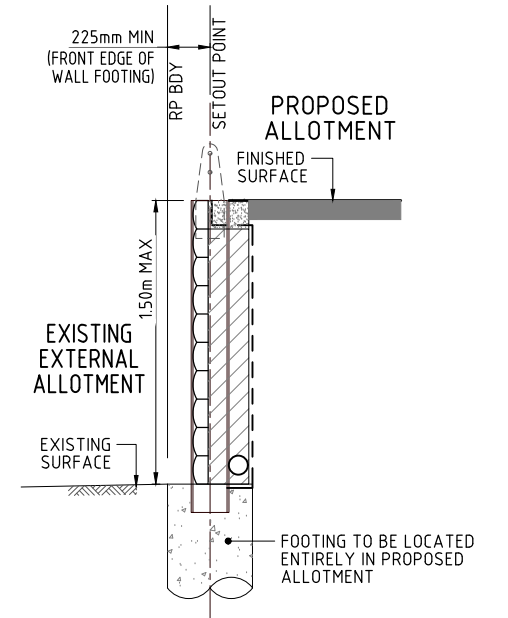
**TYPE A**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



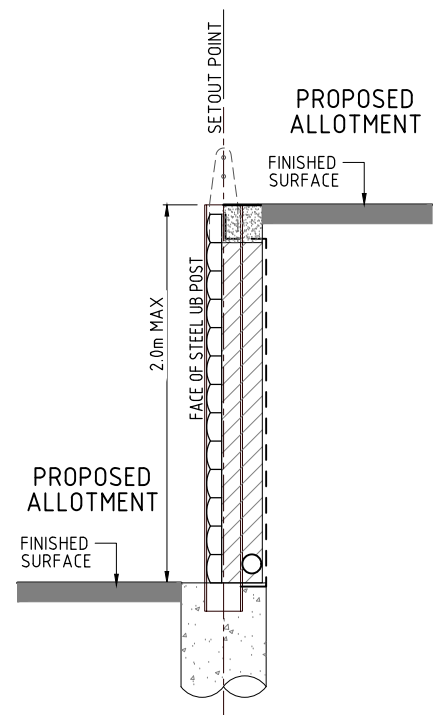
**TYPE A1**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



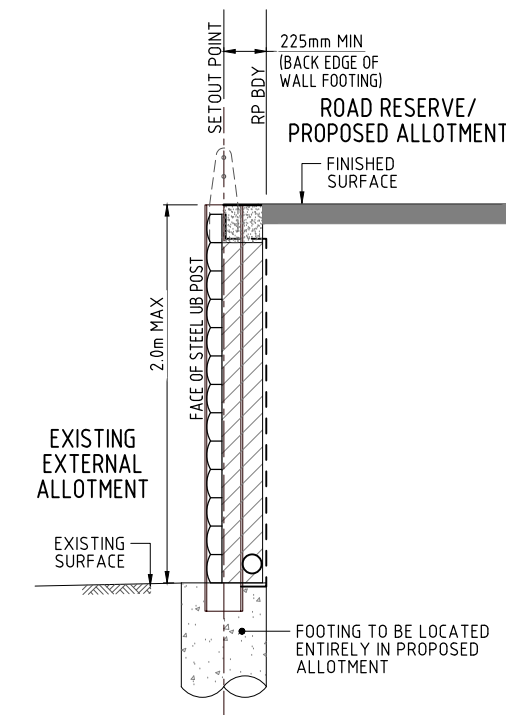
**TYPE A3**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



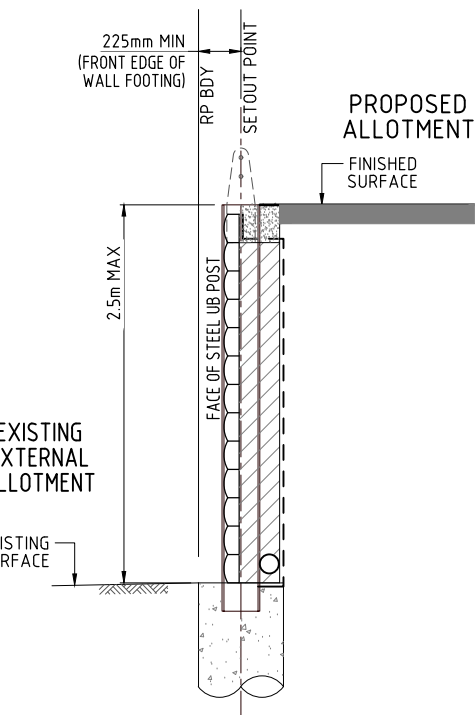
**TYPE A5**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



**TYPE B**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



**TYPE B2**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



**TYPE B5**  
**CONCRETE SLEEPER RETAINING WALL**  
 SCALE 1:20



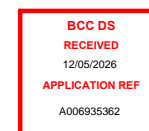
BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

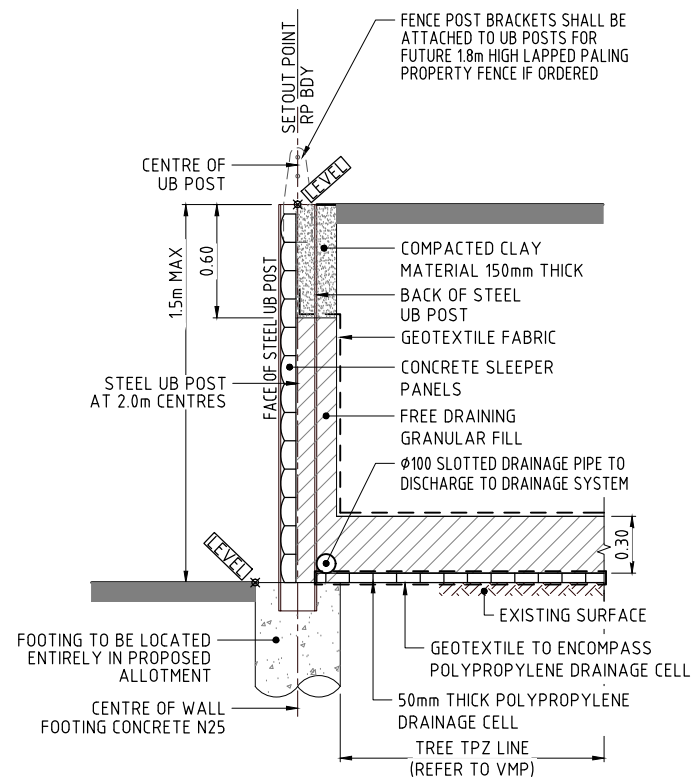
**ENGINEERING CONCEPT - EARTHWORKS DETAILS**

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

JOB NO: B3602EA8\_DA26 PLAN: CE03 ISSUE: C  
 SCALE: 1:20  
 DATE: 12/05/2026  
 DRAFTED BY: SB  
 FILE NAME: B3602EA8\_DA26.DWG

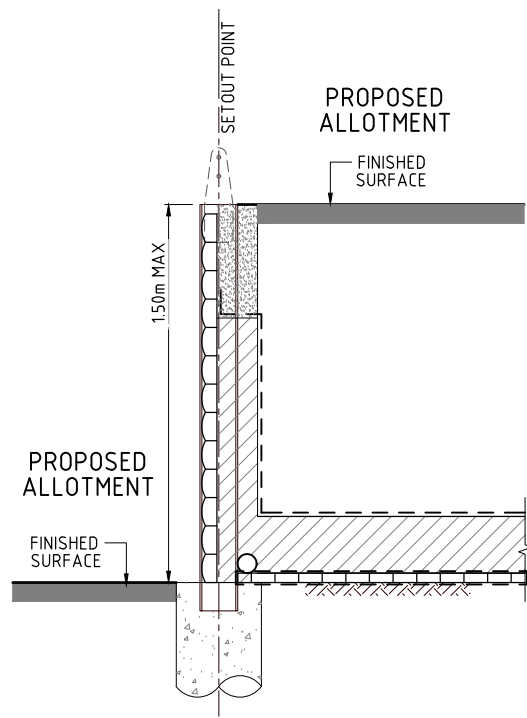


B:\05\2026\N18\8602\URBAN DESIGN\WORKING DRAWINGS\B3602EA8\_DA26

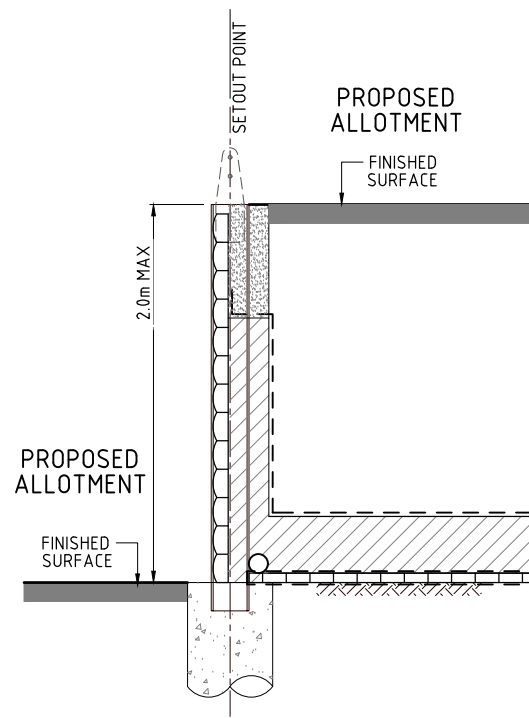


**TYPICAL DETAIL - TREE PROTECTION  
CONCRETE SLEEPER RETAINING WALL**  
SCALE 1:20

NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE



**TYPE A-TP (TREE PROTECTION)  
CONCRETE SLEEPER RETAINING WALL**  
SCALE 1:20



**TYPE B-TP (TREE PROTECTION)  
CONCRETE SLEEPER RETAINING WALL**  
SCALE 1:20

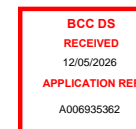


BRISBANE - SUNSHINE COAST - CENTRAL QLD  
BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au  
JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

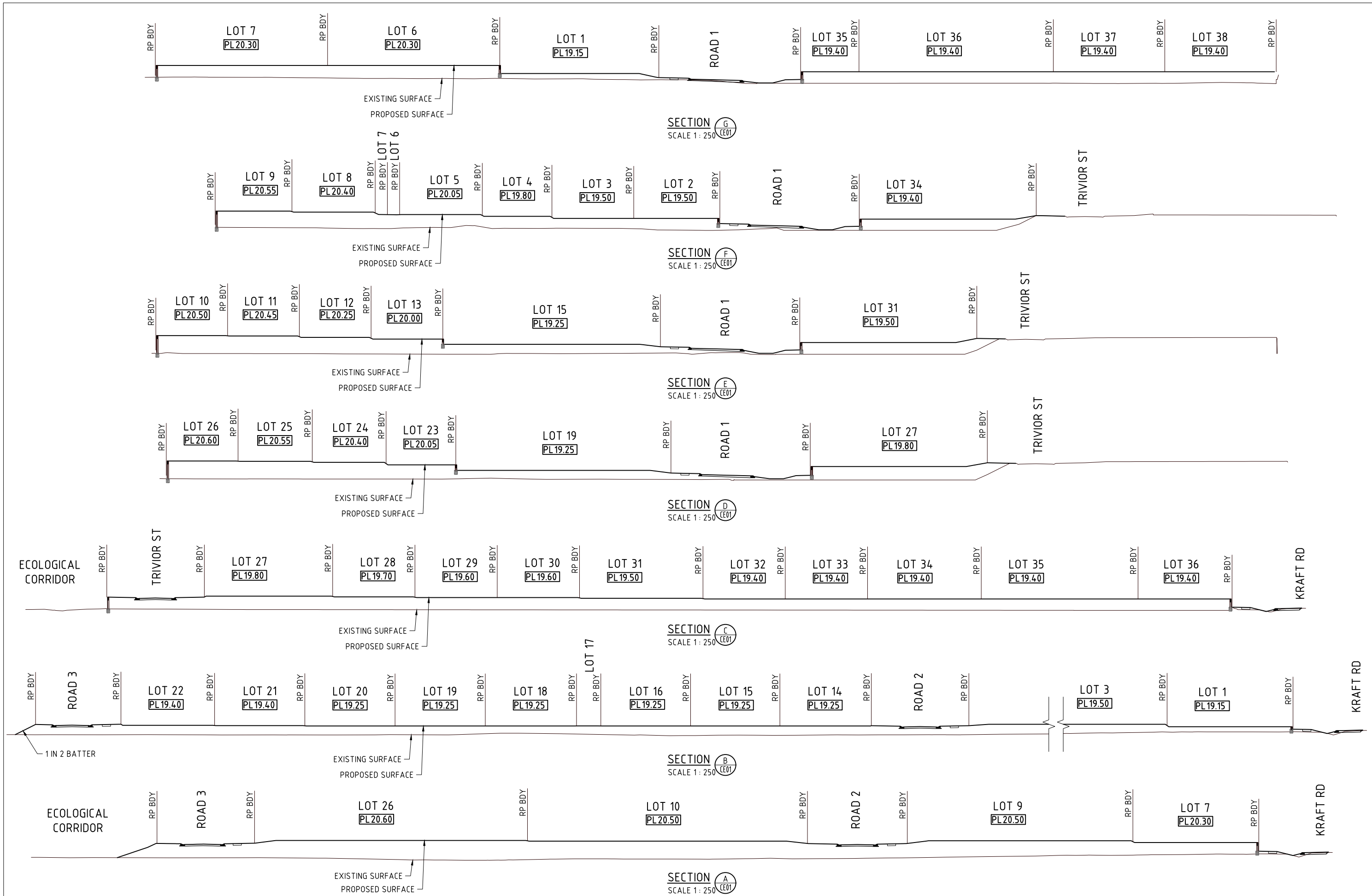
## ENGINEERING CONCEPT - EARTHWORKS DETAILS

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD



JOB NO: B3602EA8\_DA26 PLAN: CE04 ISSUE: B  
SCALE: -  
DATE: 15/12/2025  
DRAFTED BY: SB  
FILE NAME: B3602EA8\_DA26.DWG

B3602EA8\_DA26.DWG



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

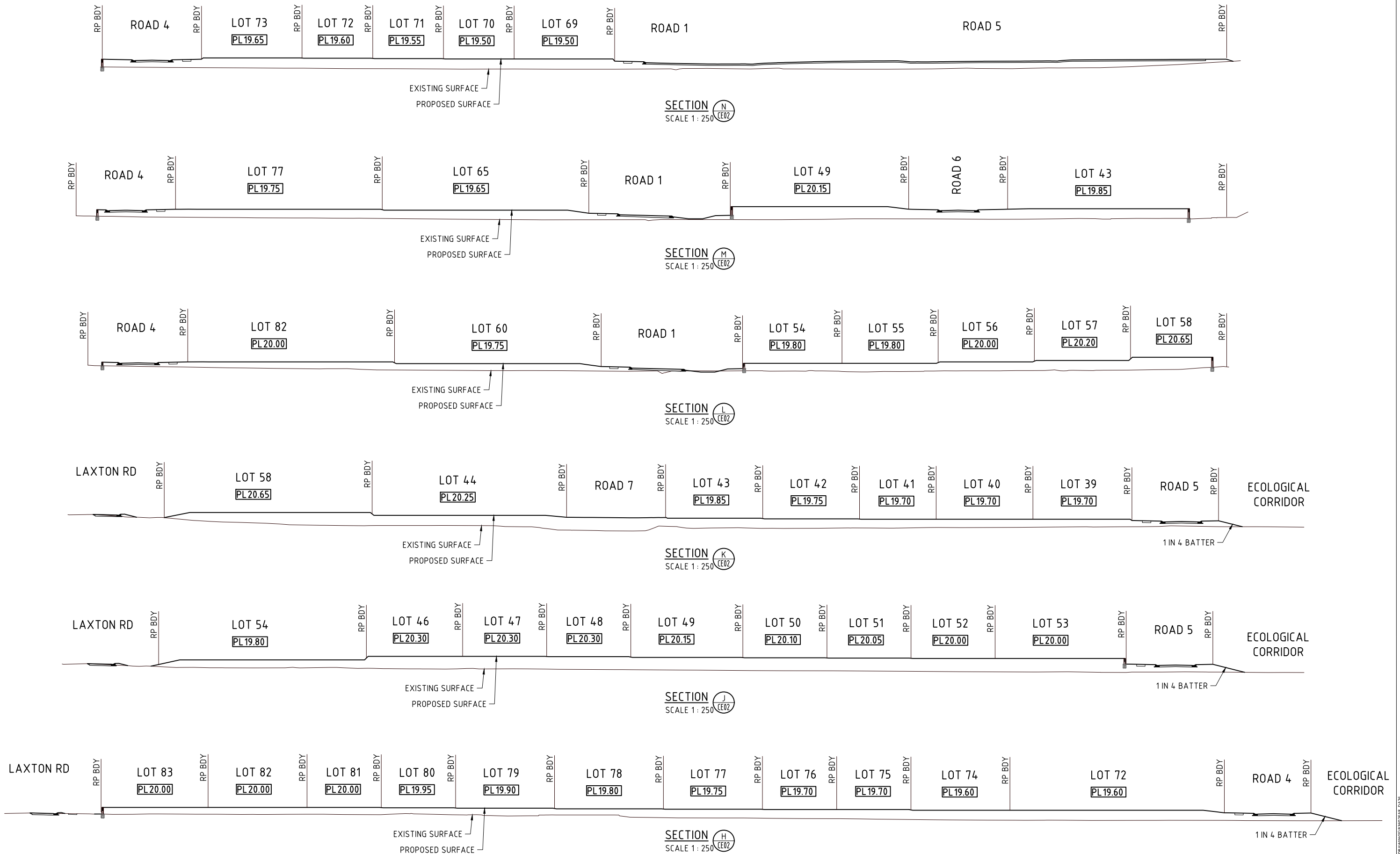
## ENGINEERING CONCEPT - EARTHWORKS SECTIONS - SHEET 1 OF 2

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

**BCC DS**  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362

JOB NO: B3602EA8\_DA26  
 PLAN: CE05  
 ISSUE: B  
 SCALE: 1:250 @ A1  
 DATE: 15/12/2025  
 DRAFTED BY: WN  
 FILE NAME: B3602EA8\_DA26.DWG

B:\05\2026\136,152 LAXTON ROAD & 69, 73 KRAFT ROAD\DESIGN\WORKING DRAWINGS\B3602EA8.DWG



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

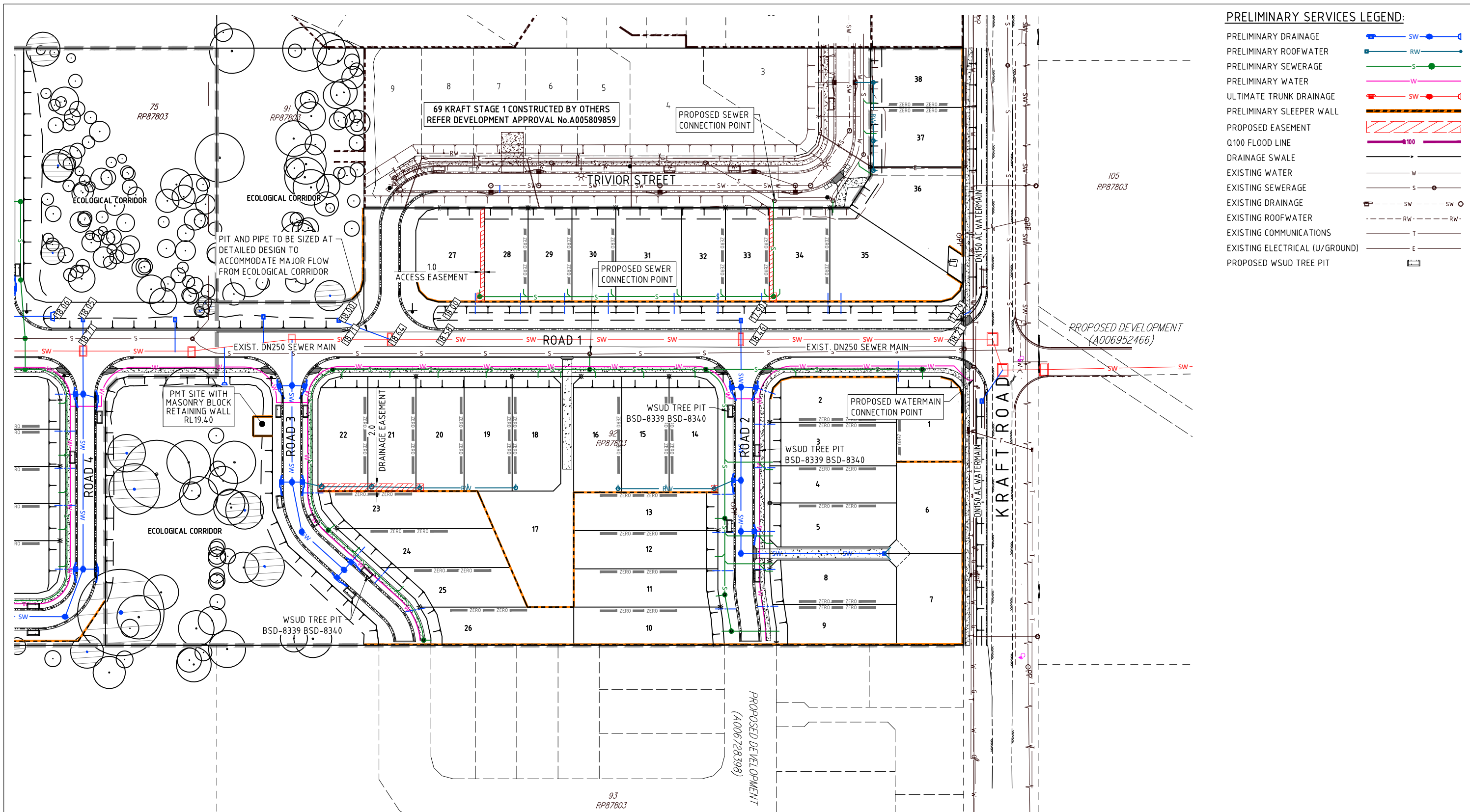
## ENGINEERING CONCEPT - EARTHWORKS SECTIONS - SHEET 2 OF 2

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD

**BCC DS**  
 RECEIVED  
 12/05/2026  
 APPLICATION REF  
 A006935362

JOB NO: B3602EA8\_DA26  
 PLAN: CE06  
 ISSUE: C  
 SCALE: 1:250 @ A1  
 DATE: 01/04/2026  
 DRAFTED BY: WN  
 FILE NAME: B3602EA8\_DA26.DWG

B:\05\2026\N18\B3602EA8\DWG\ENGINEERING\DRAWINGS\B3602EA8\_DA26.DWG



**PRELIMINARY SERVICES LEGEND:**

PRELIMINARY DRAINAGE	SW
PRELIMINARY ROOFWATER	RW
PRELIMINARY SEWERAGE	S
PRELIMINARY WATER	W
ULTIMATE TRUNK DRAINAGE	SW
PRELIMINARY SLEEPER WALL	SW
PROPOSED EASEMENT	SW
Q100 FLOOD LINE	SW
DRAINAGE SWALE	SW
EXISTING WATER	W
EXISTING SEWERAGE	S
EXISTING DRAINAGE	SW
EXISTING ROOFWATER	RW
EXISTING COMMUNICATIONS	T
EXISTING ELECTRICAL (U/GROUND)	E
PROPOSED WSUD TREE PIT	SW

**JFOP**  
URBAN CONSULTANTS

BRISBANE - SUNSHINE COAST - CENTRAL QLD

BRISBANE  
JFP House - 76 Ernest Street,  
South Brisbane Qld 4101  
P 07 3012 0100 W www.jfp.com.au

JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
URBAN DESIGNERS  
SURVEYORS  
ENGINEERS  
LANDSCAPE ARCHITECTS

**ENGINEERING CONCEPT - SERVICES LAYOUT PLAN - SHEET 1 OF 2**

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
ADC GROUP NO 15 PTY LTD

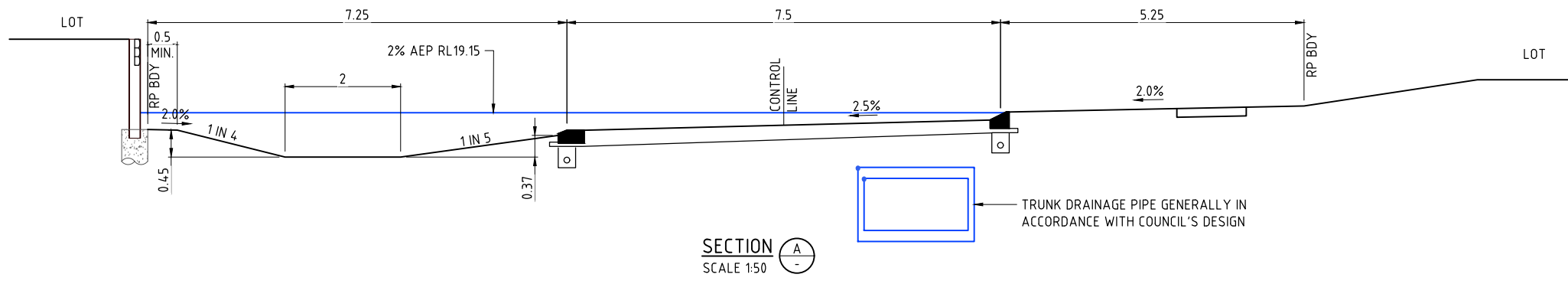
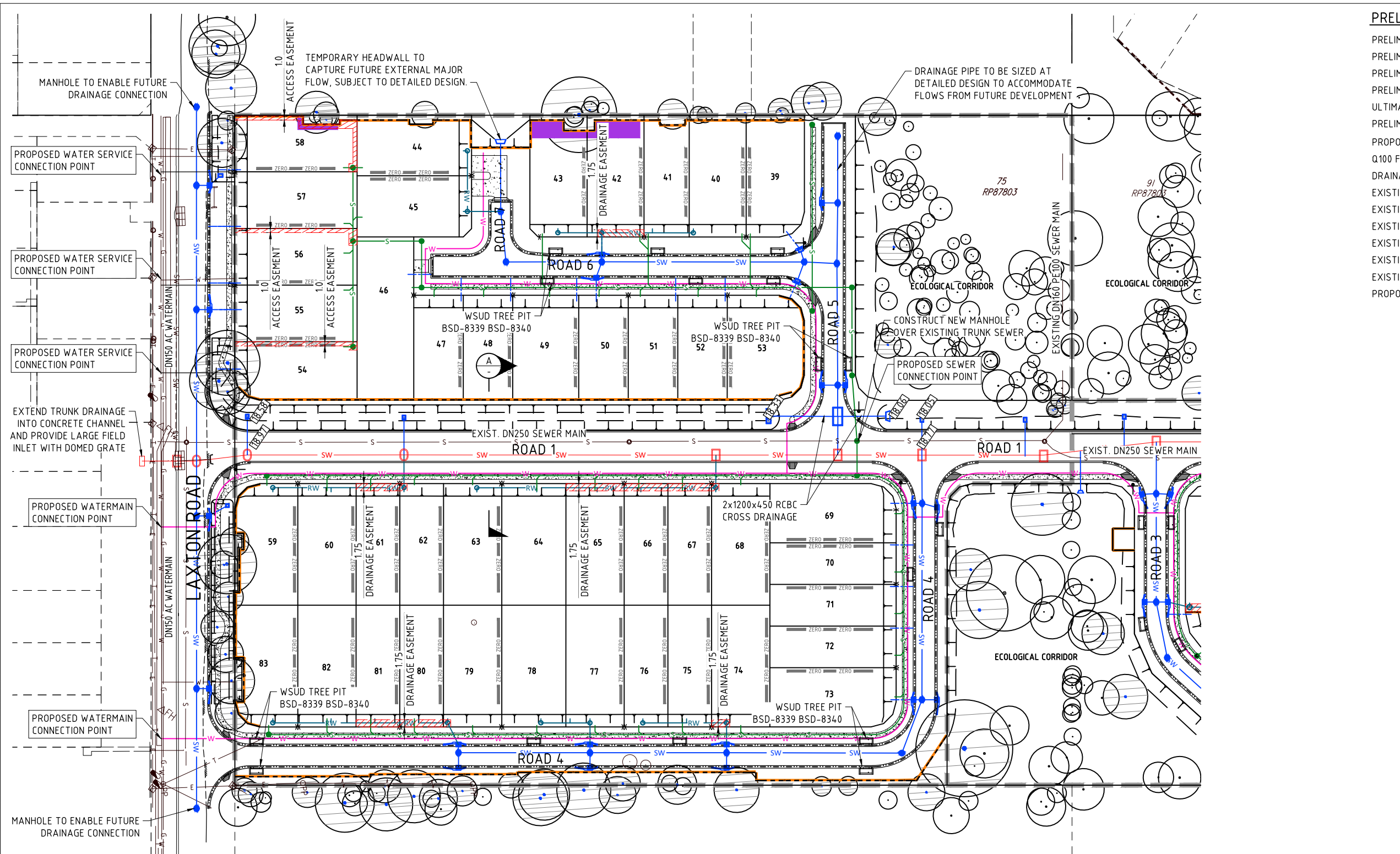
BCC DS  
RECEIVED  
12/05/2026  
APPLICATION REF  
A006935362

JOB NO:	PLAN:	ISSUE:
B3602EA8_DA26	CS01	D
SCALE:	1:500 @ A1	
DATE:	08/05/2026	
DRAFTED BY:	SB	
FILE NAME:	B3602EA8_DA26.DWG	

B:\05\2026\N18\8602\N18\8602\DESIGN\WORKING DRAWINGS\B3602EA8\_DA26

**PRELIMINARY SERVICES LEGEND:**

- PRELIMINARY DRAINAGE —●— SW
- PRELIMINARY ROOFWATER —●— RW
- PRELIMINARY SEWERAGE —●— S
- PRELIMINARY WATER —●— W
- ULTIMATE TRUNK DRAINAGE —●— SW
- PRELIMINARY SLEEPER WALL ▨▨▨▨
- PROPOSED EASEMENT ▨▨▨▨
- Q100 FLOOD LINE — 100
- DRAINAGE SWALE —
- EXISTING WATER —●— W
- EXISTING SEWERAGE —●— S
- EXISTING DRAINAGE —●— SW
- EXISTING ROOFWATER —●— RW
- EXISTING COMMUNICATIONS —●— T
- EXISTING ELECTRICAL (U/GROUND) —●— E
- PROPOSED WSUD TREE PIT —●—



**ENGINEERING CONCEPT - SERVICES LAYOUT PLAN - SHEET 2 OF 2**

136, 152 LAXTON ROAD & 69, 73 KRAFT ROAD, PALLARA  
 ADC GROUP NO 15 PTY LTD



BRISBANE - SUNSHINE COAST - CENTRAL QLD  
 BRISBANE  
 JFP House - 76 Ernest Street,  
 South Brisbane Qld 4101  
 P 07 3012 0100 W www.jfp.com.au  
 JFP URBAN CONSULTANTS PTY. LTD. A.C.N. 050 414 045

PLANNERS  
 URBAN DESIGNERS  
 SURVEYORS  
 ENGINEERS  
 LANDSCAPE ARCHITECTS

JOB NO:	PLAN:	ISSUE:
B3602EA8_DA26	CS02	C
SCALE:	1:500 @ A1	
DATE:	12/05/2026	
DRAFTED BY:	SB	
FILE NAME:	B3602EA8_DA26.DWG	



COPYRIGHT © 2011 JFP URBAN CONSULTANTS PTY LTD. THIS DOCUMENT MAY NOT BE COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS IN PART OR IN WHOLE WITHOUT THE WRITTEN CONSENT OF JFP URBAN CONSULTANTS PTY LTD.

B3602EA8\_DA26.DWG DESIGNWORKING DRAWINGS\B3602EA8\_DA26