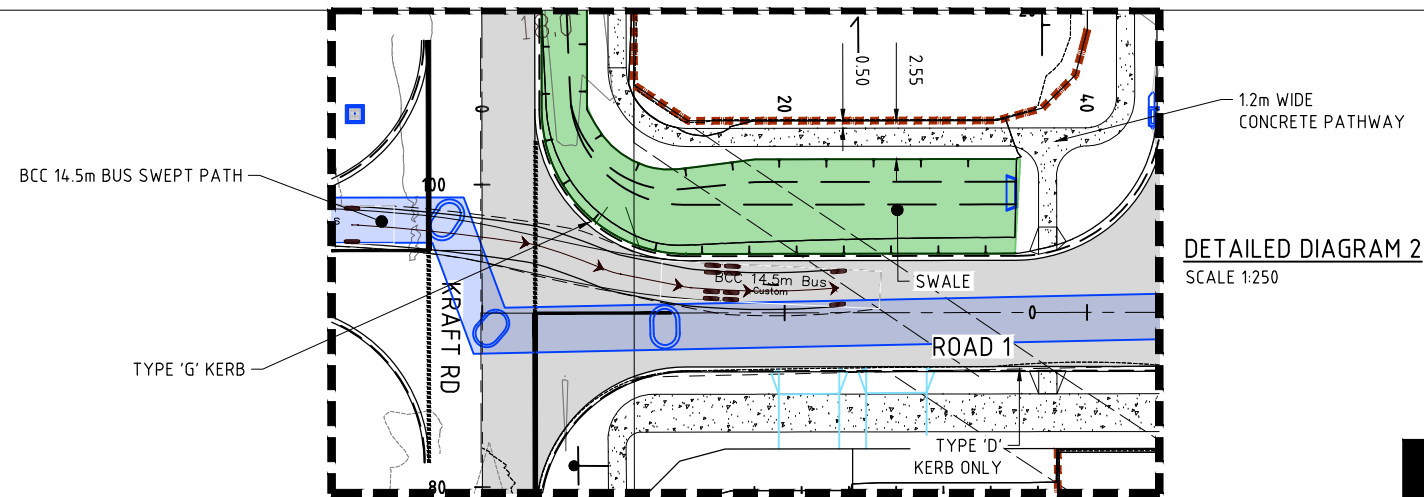
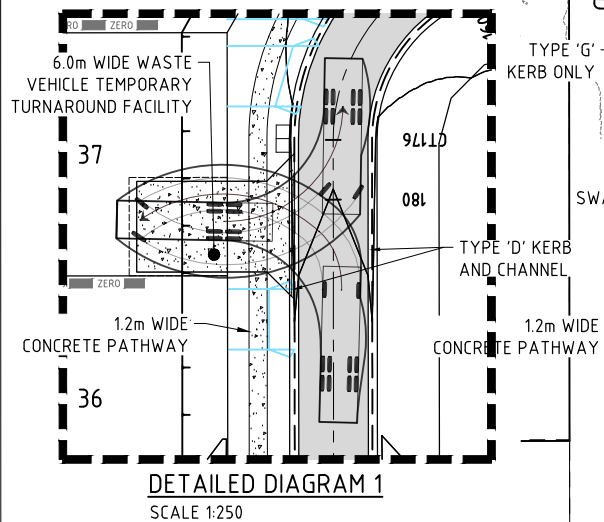
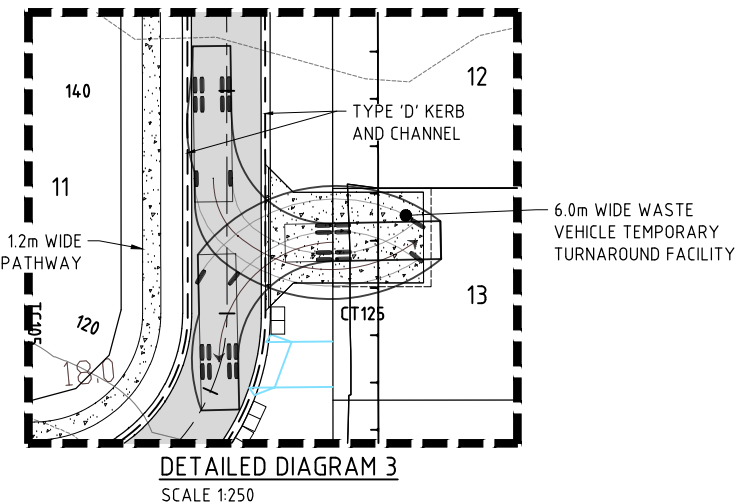
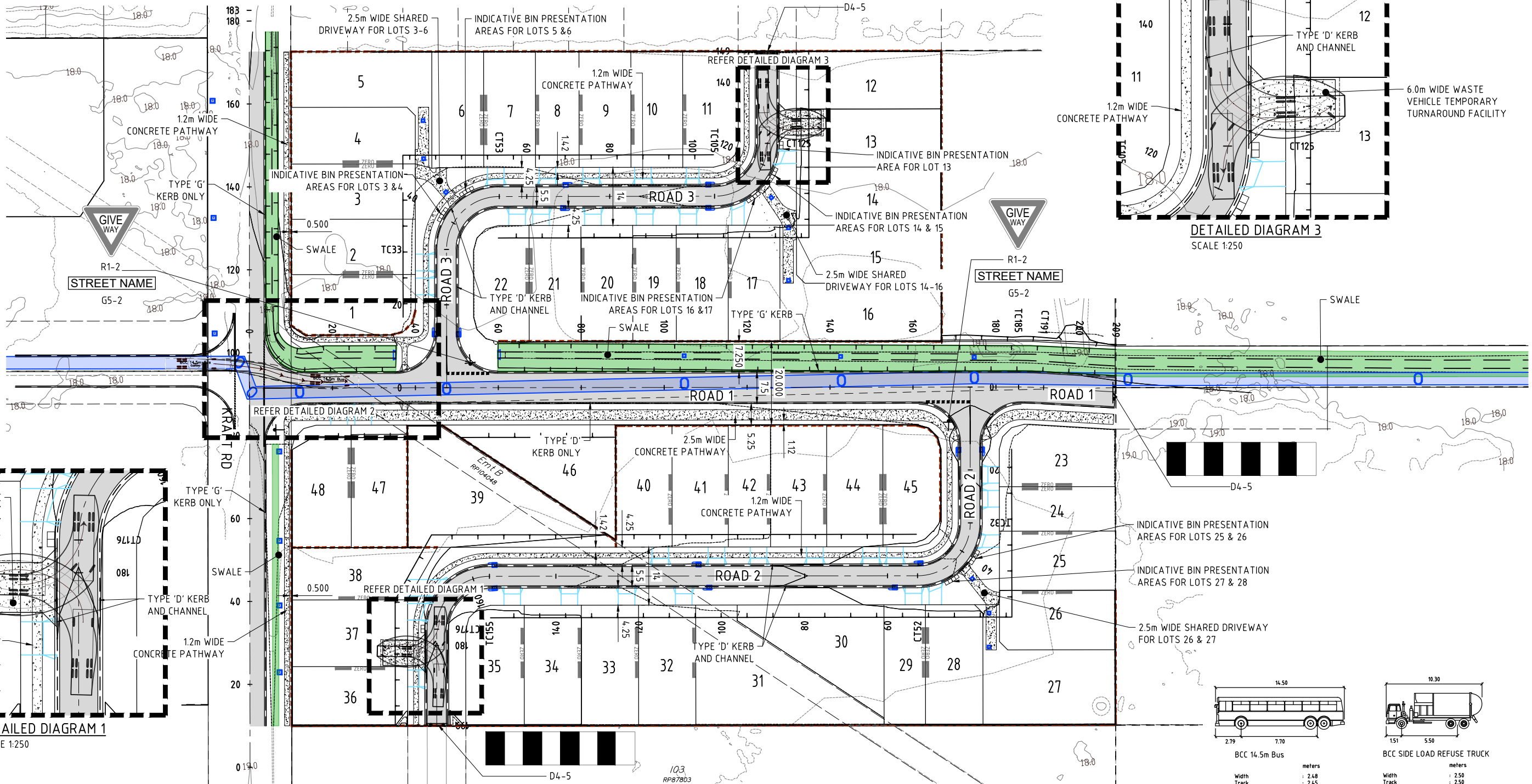
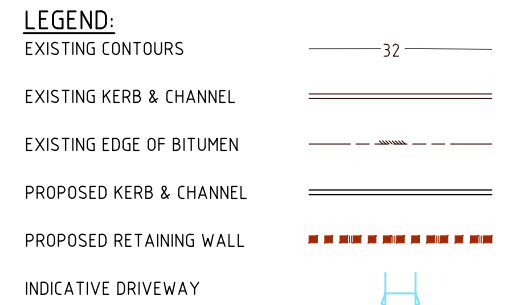




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ENGINEERING CONCEPT - FUNCTIONAL TRAFFIC LAYOUT

70 & 78 KRAFT ROAD, PALLARA LANOCHY PTY LTD

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

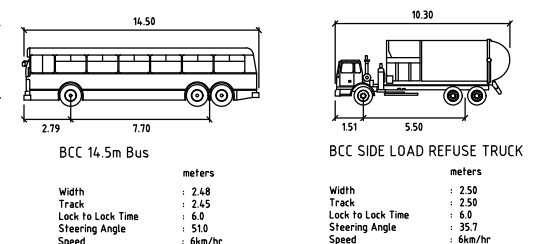
URBAN CONSULTANTS

PLANNERS
URBAN DESIGNERS
SURVEYORS
ENGINEERS
LANDSCAPE ARCHITECTS

APPROVED
18/05/26
FOR AND ON BEHALF OF JFP URBAN CONSULTANTS PTY LTD

JOB NO: B4621EA1_DA1
SCALE: 1:500 @ A1
DATE: 20/7/2026
DRAFTED BY: FW
FILE NAME: B4621EA1_DA1_2026.DWG

PLAN: CT01
ISSUE: D

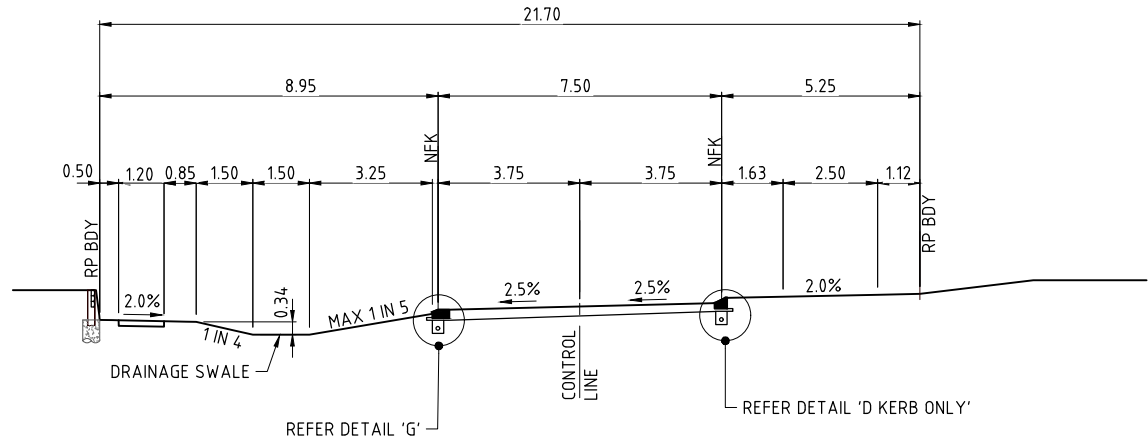
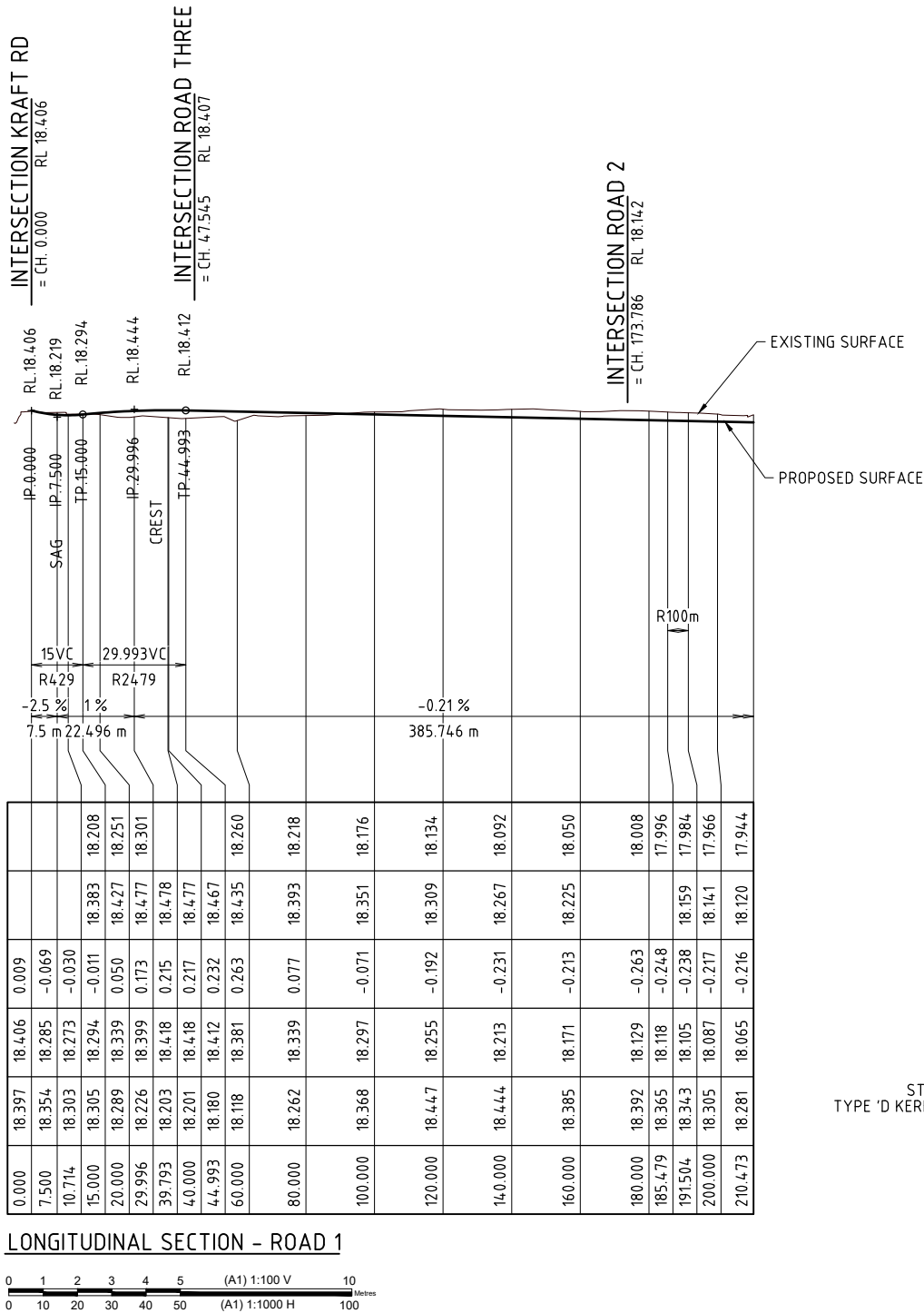


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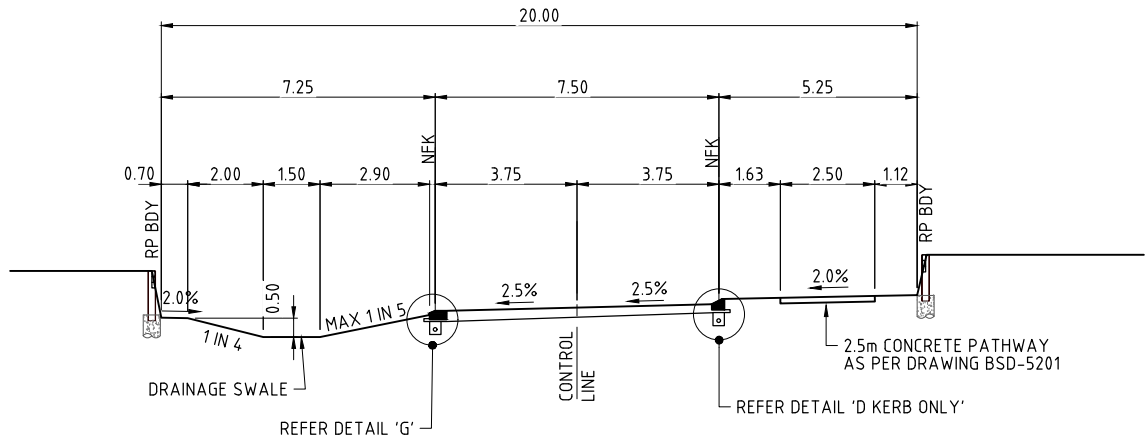
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RADIUS OF CURVATURE
TANGENT GRADE (%)
DISTANCE IP-IP

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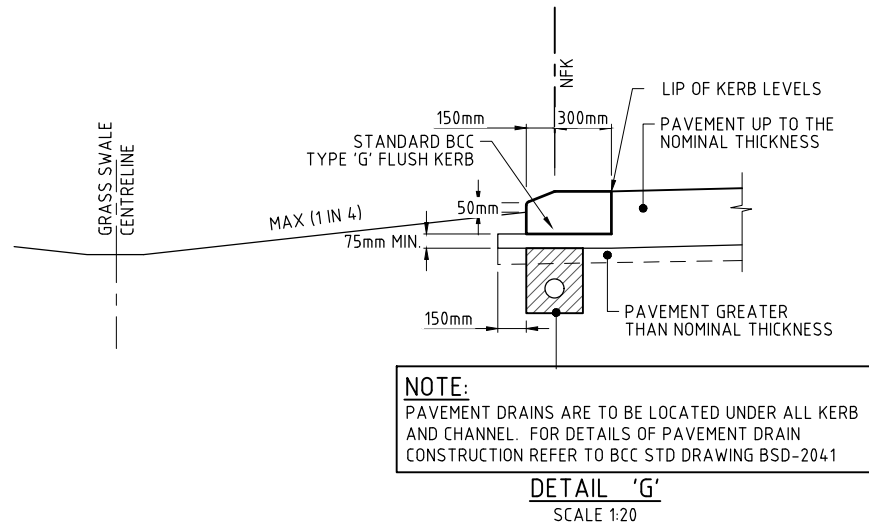
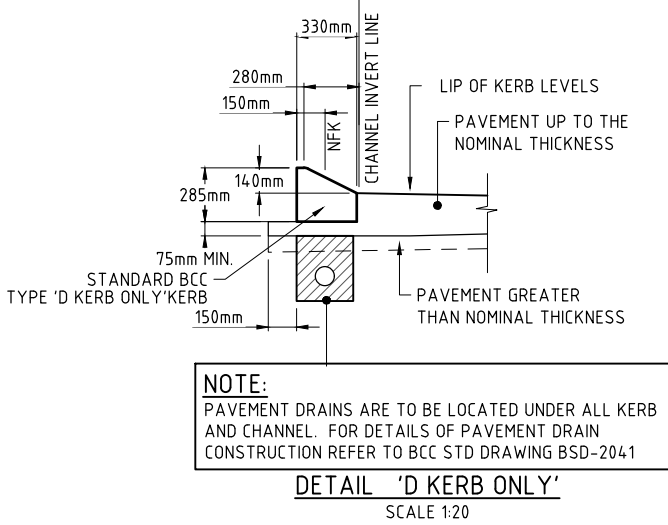
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RHS LIP OF KERB LEVELS
CUT (-ve) FILL
PAVEMENT LEVELS ALONG CONTROLLINE
SURFACE LEVELS ALONG CONTROLLINE
PEGGED CHAINAGE ALONG CONTROLLINE



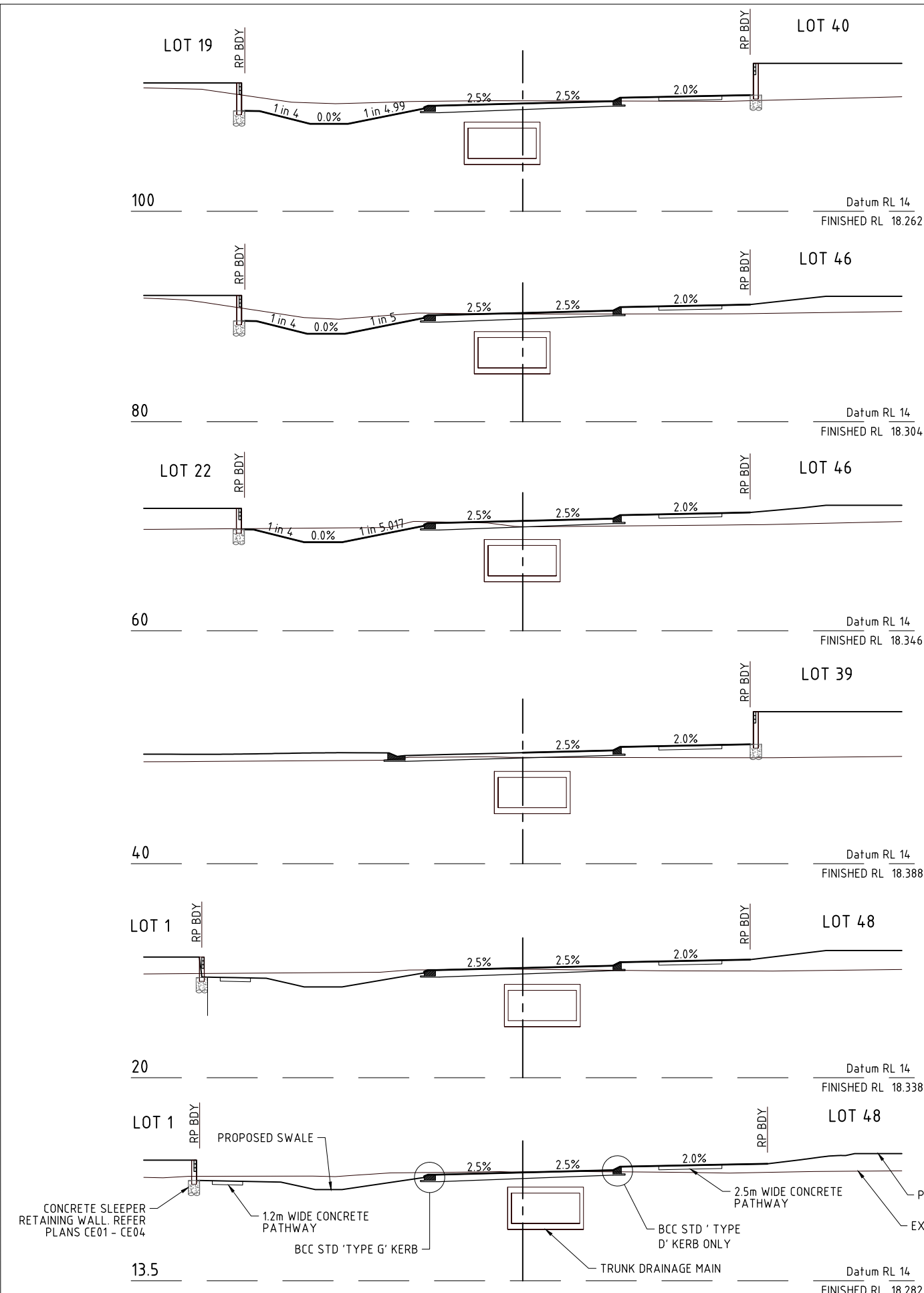
TYPICAL CROSS SECTION - ROAD 1 - CH 0.0 to 40m
NEIGHBOURHOOD ROAD
SCALE 1: 100



TYPICAL CROSS SECTION - ROAD 1 - CH 60 to 208m
NEIGHBOURHOOD ROAD
SCALE 1: 100



ENGINEERING CONCEPT - ROADWORKS LONGITUDIANL SECTION - ROAD 1



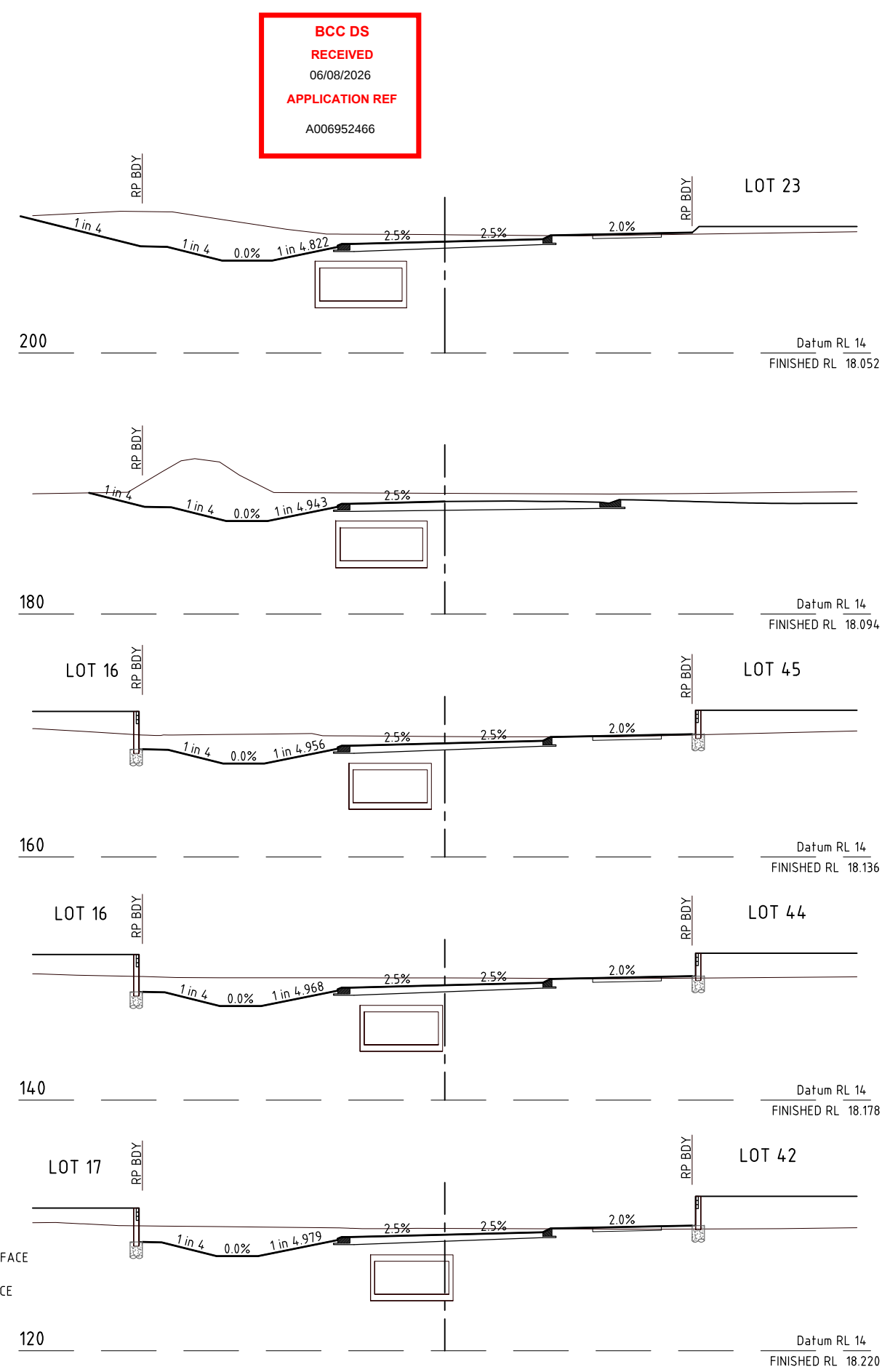


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LANDSCAPE ARCHITECTS

ENGINEERING CONCEPT - ROADWORKS CROSS SECTIONS - ROAD 1

70 & 78 KRAFT ROAD, PALLARA LANOCHY PTY LTD

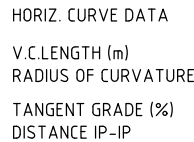


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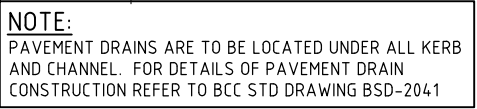
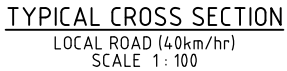
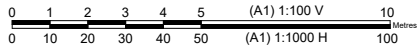
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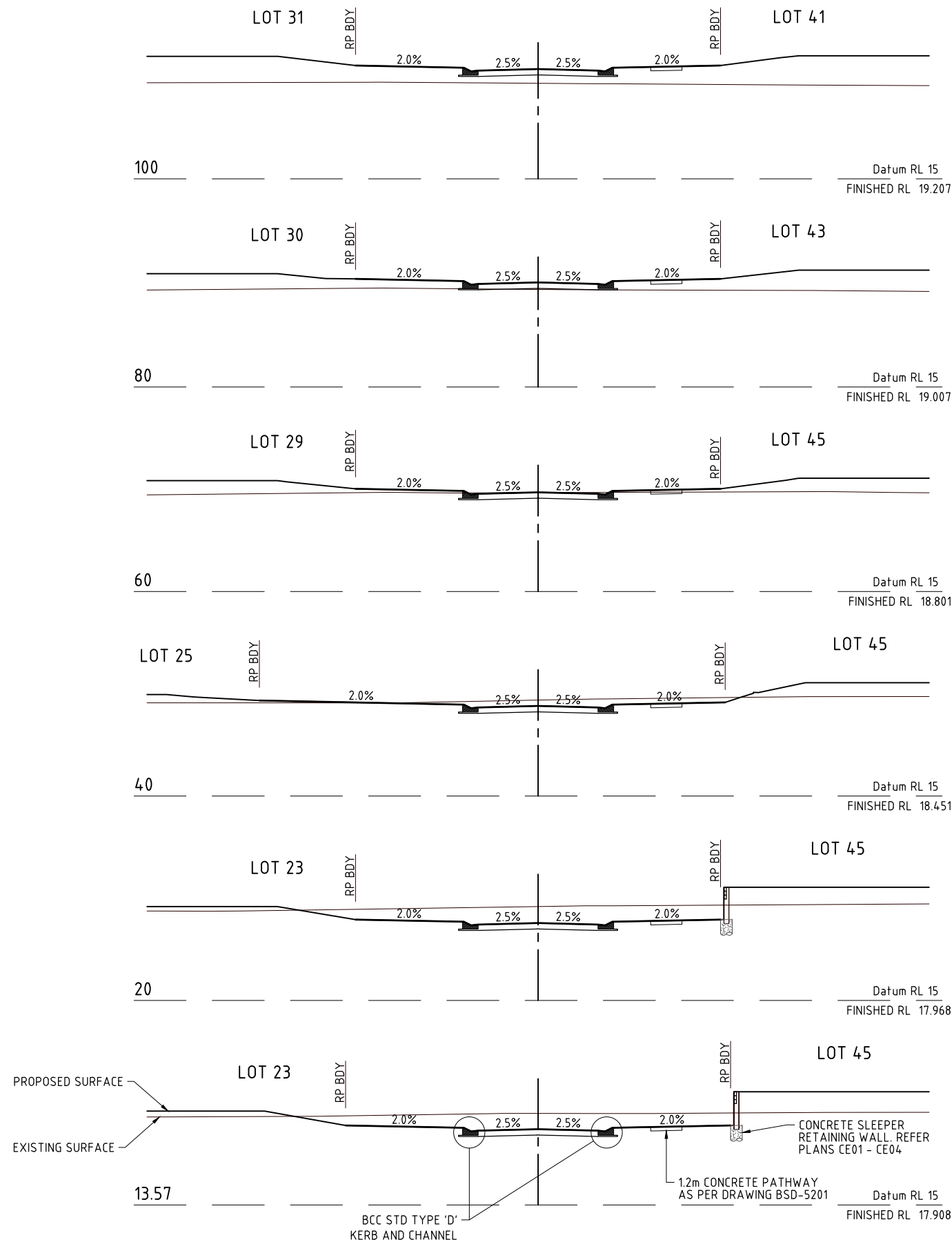
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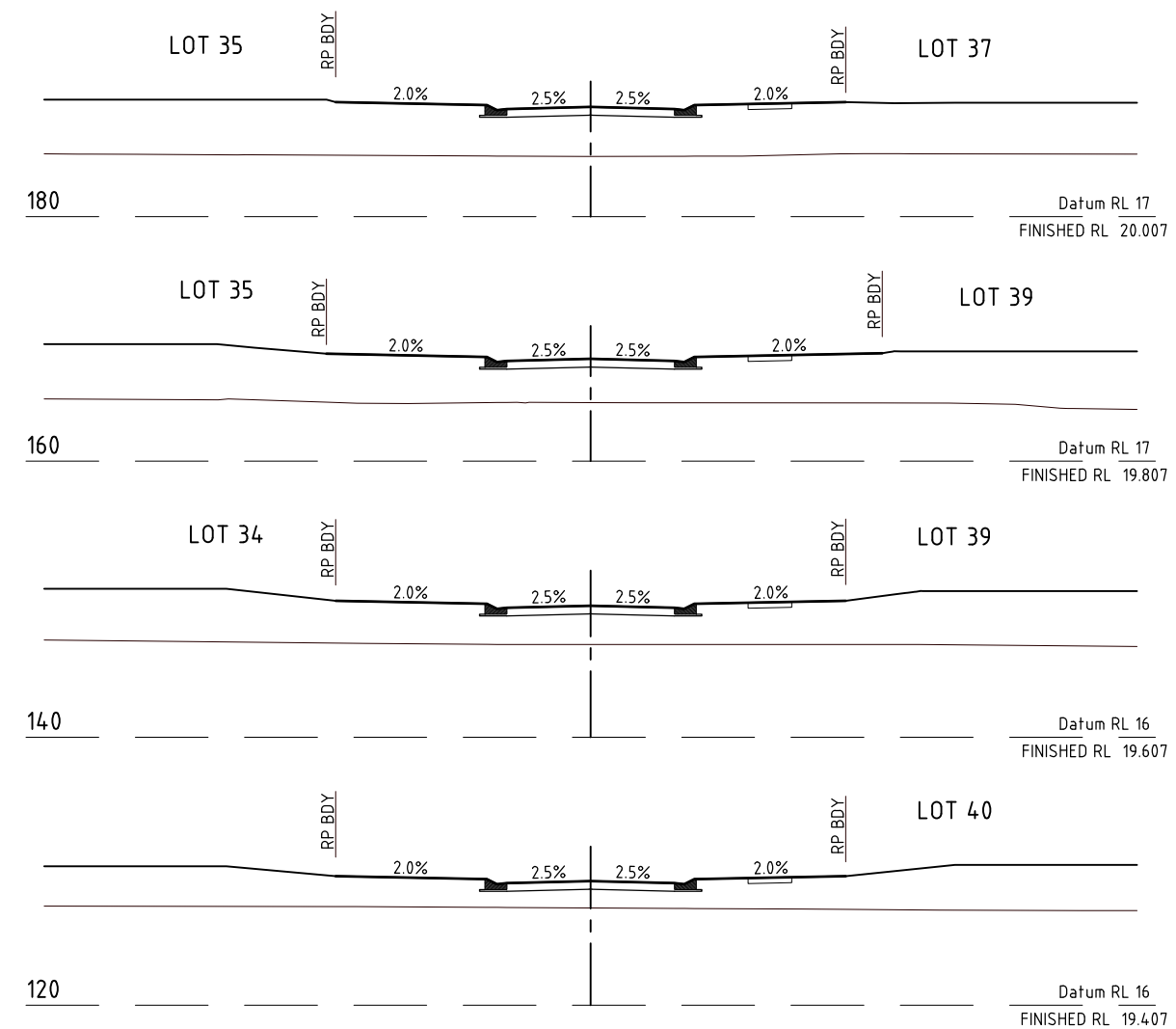


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RHS LIP OF KERB LEVELS
CUT (-ve) FILL
PAVEMENT LEVELS ALONG CONTROLLINE
SURFACE LEVELS ALONG CONTROLLINE
PEGGED CHAINAGE ALONG CONTROLLINE

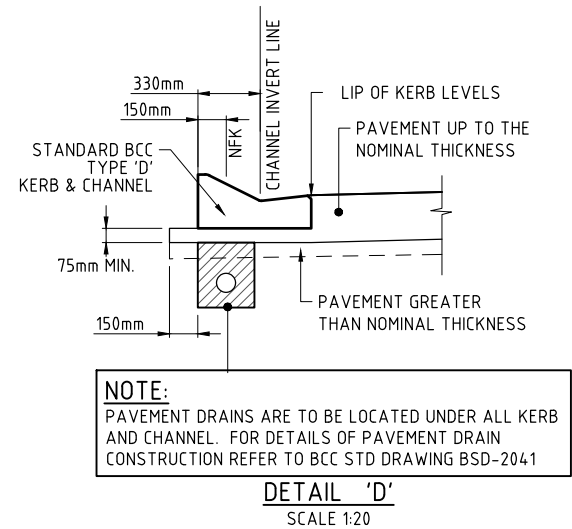
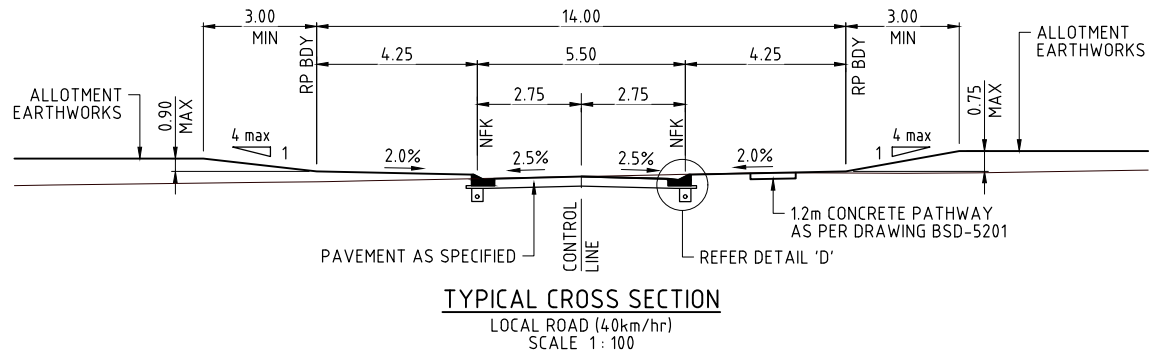
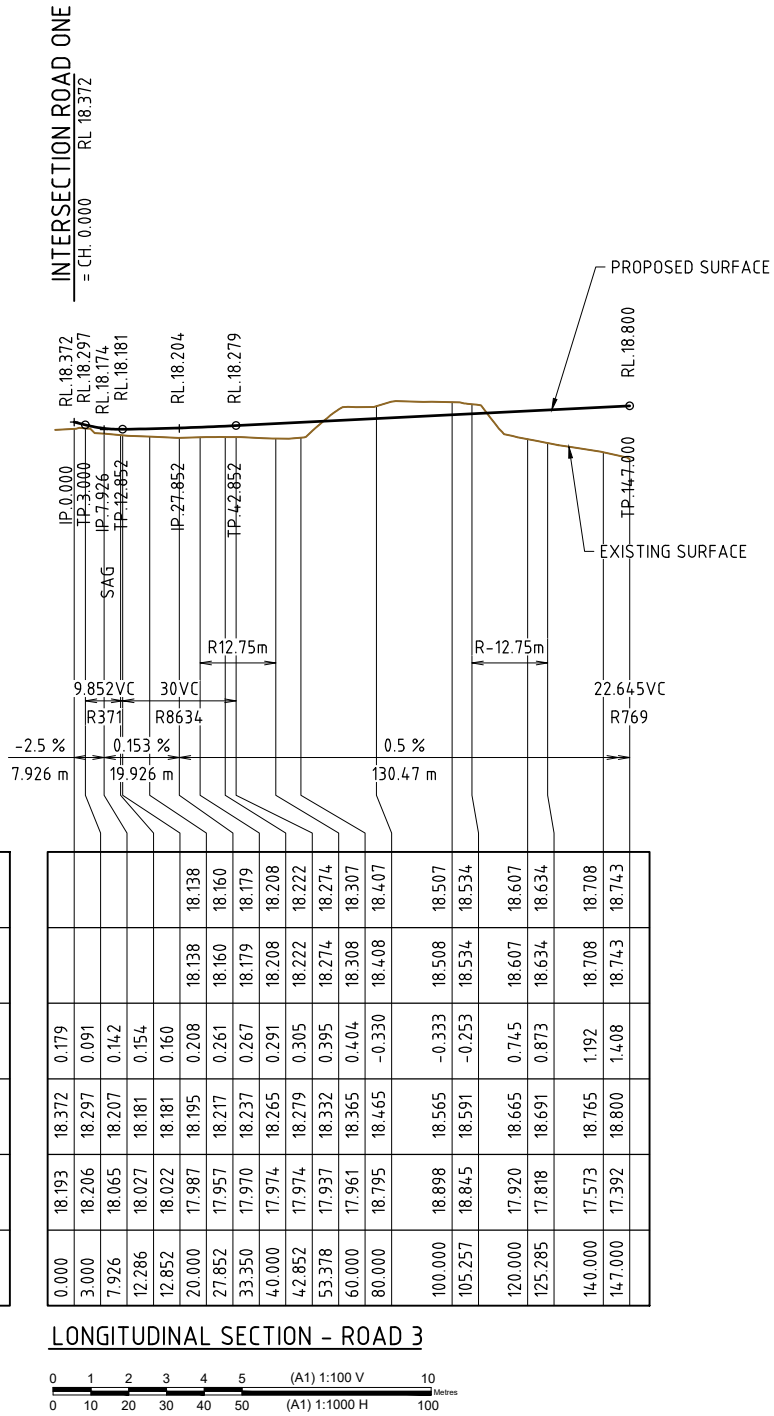




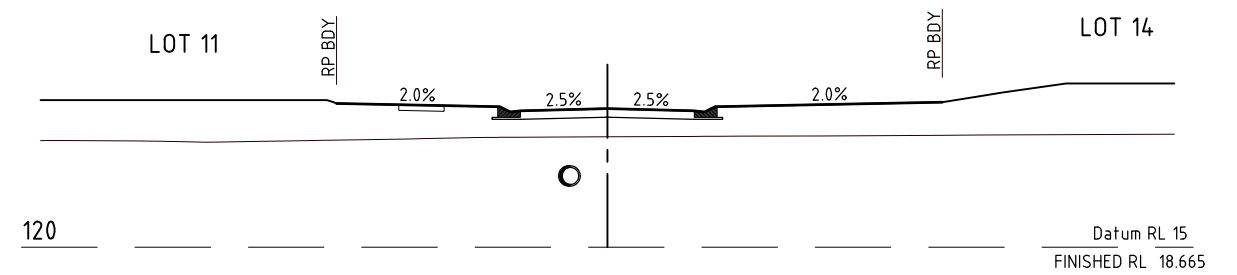
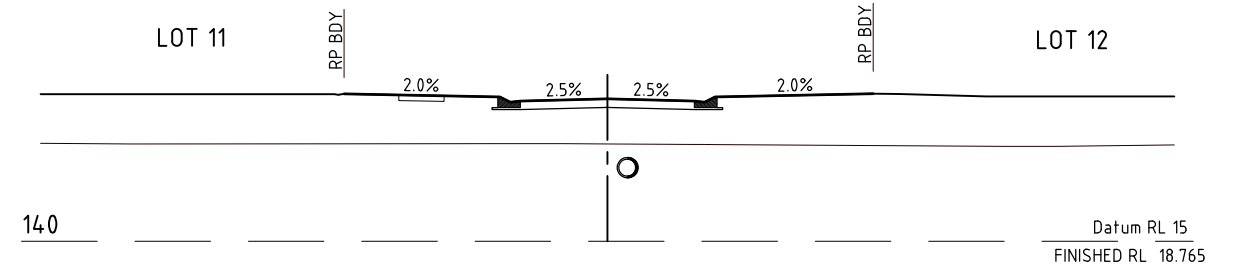
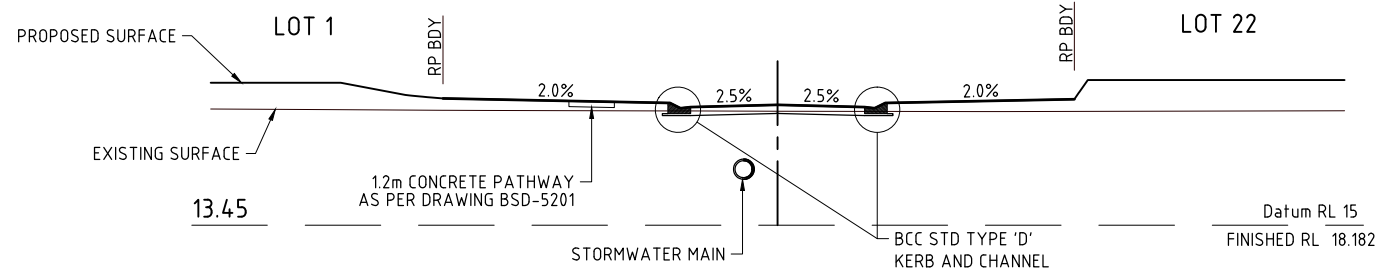
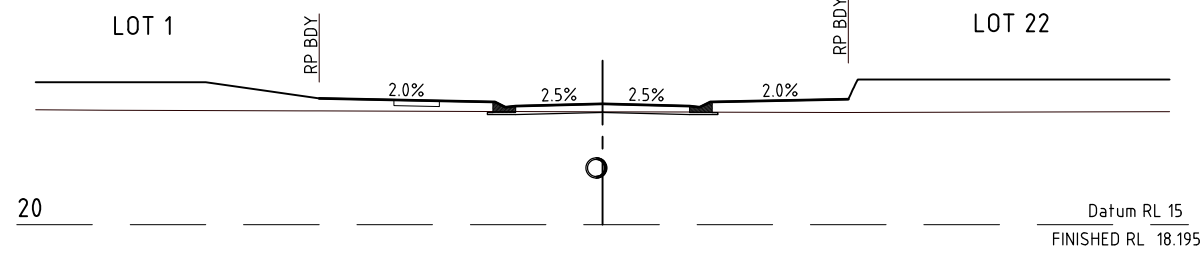
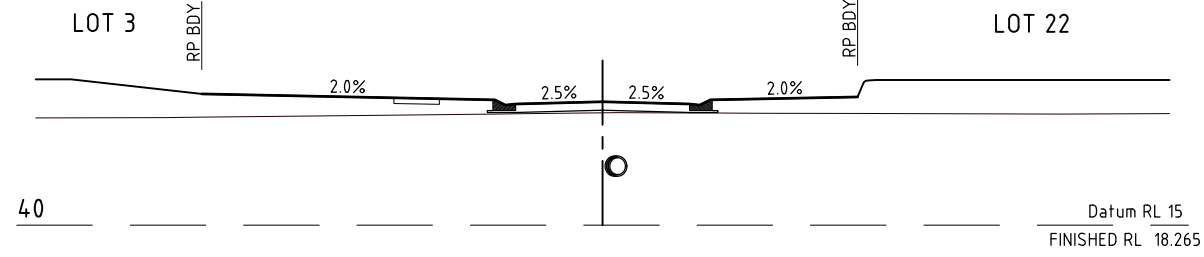
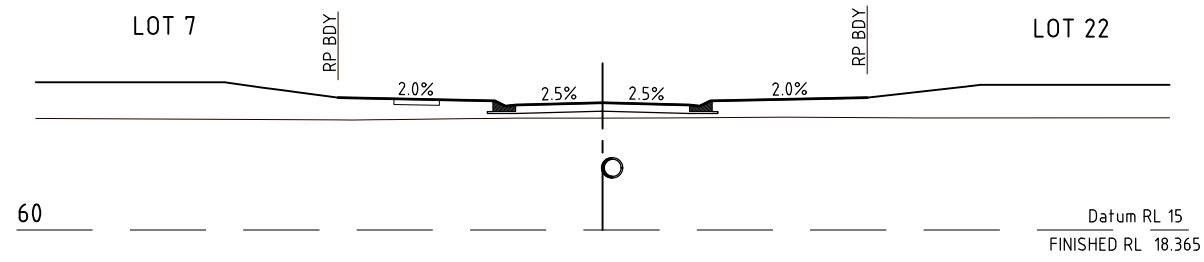
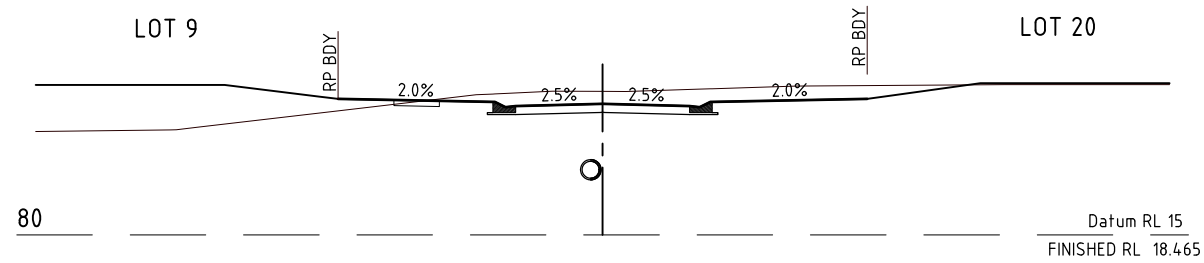
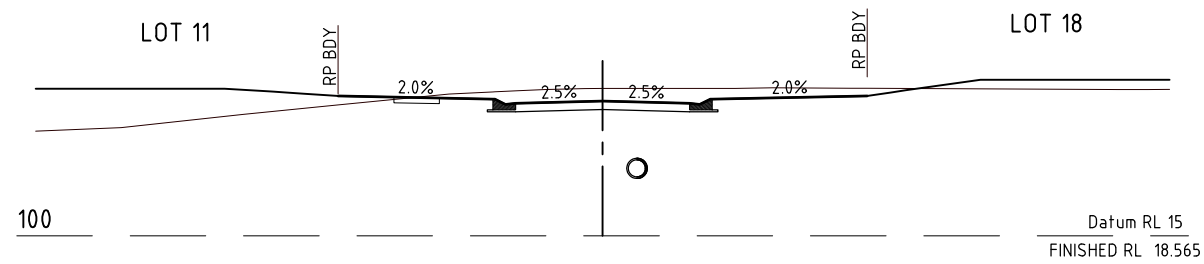
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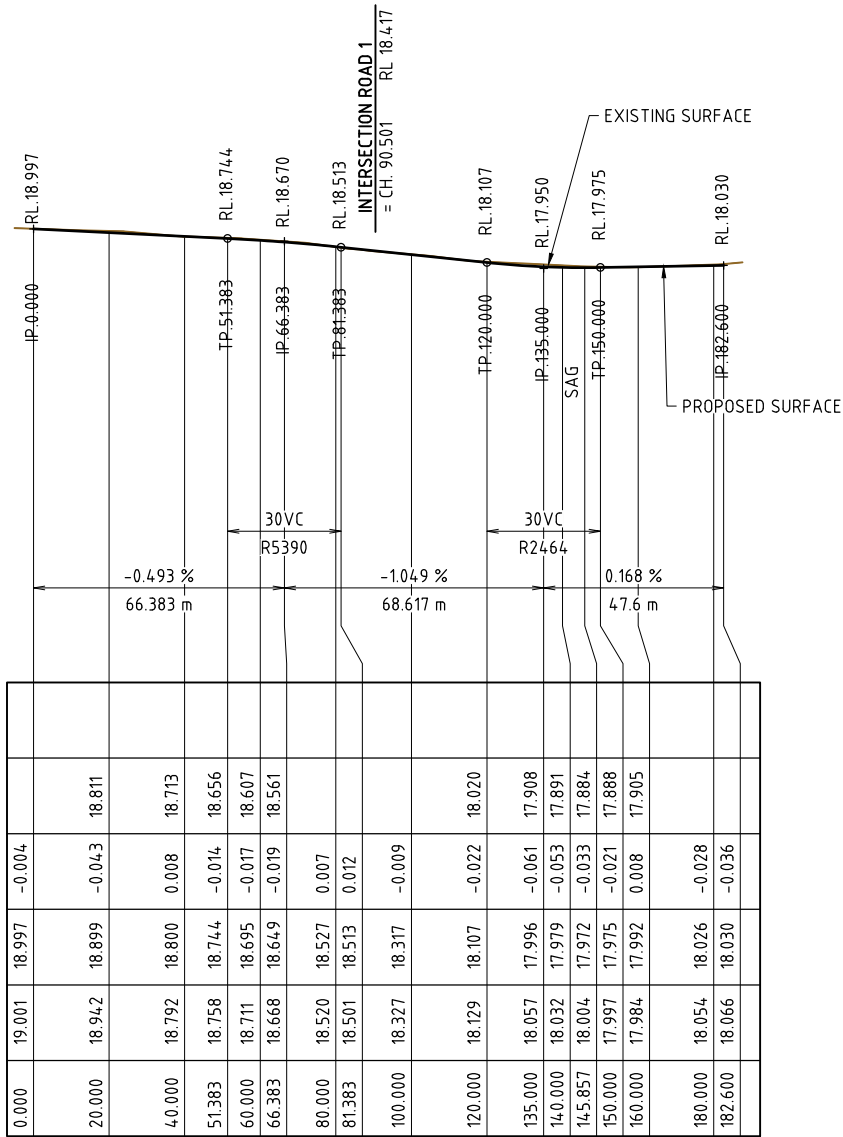
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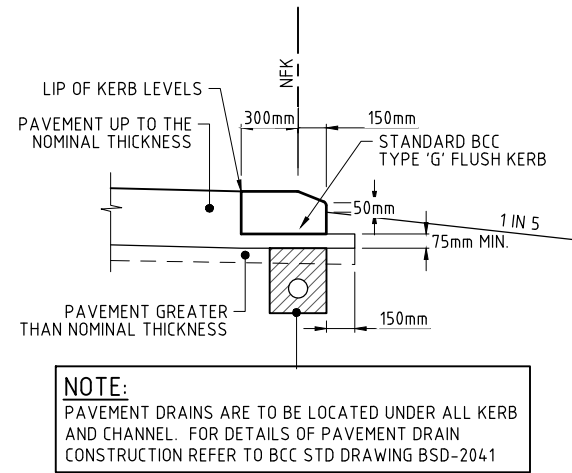
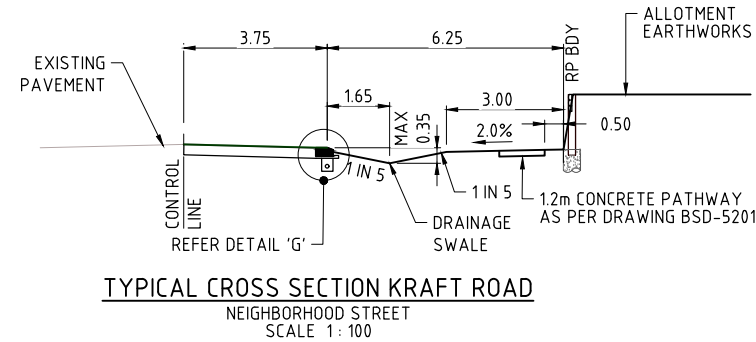
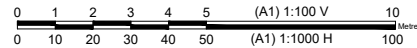
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A006952466

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
RHS LIP OF KERB LEVELS
CUT (-ve) FILL
PAVEMENT LEVELS ALONG CONTROLLINE
SURFACE LEVELS ALONG CONTROLLINE
PEGGED CHAINAGE ALONG CONTROLLINE

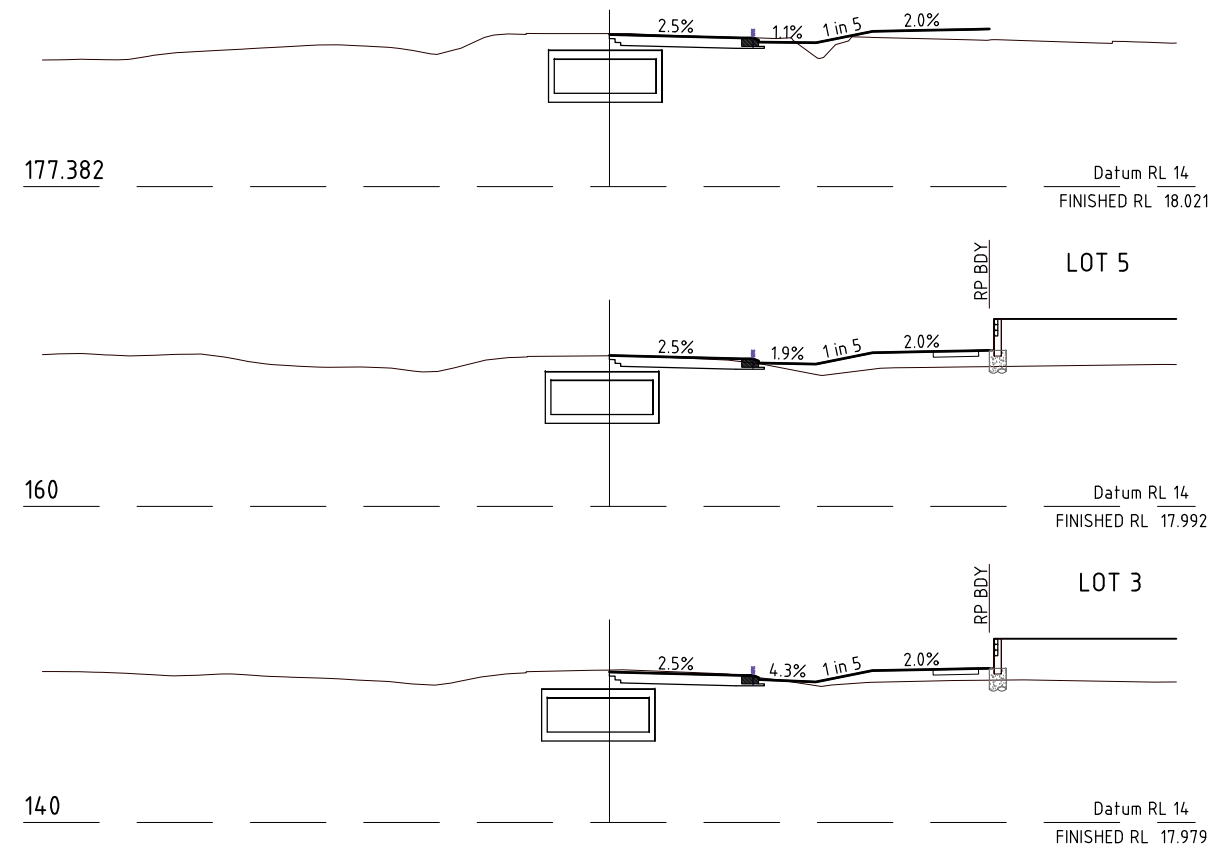
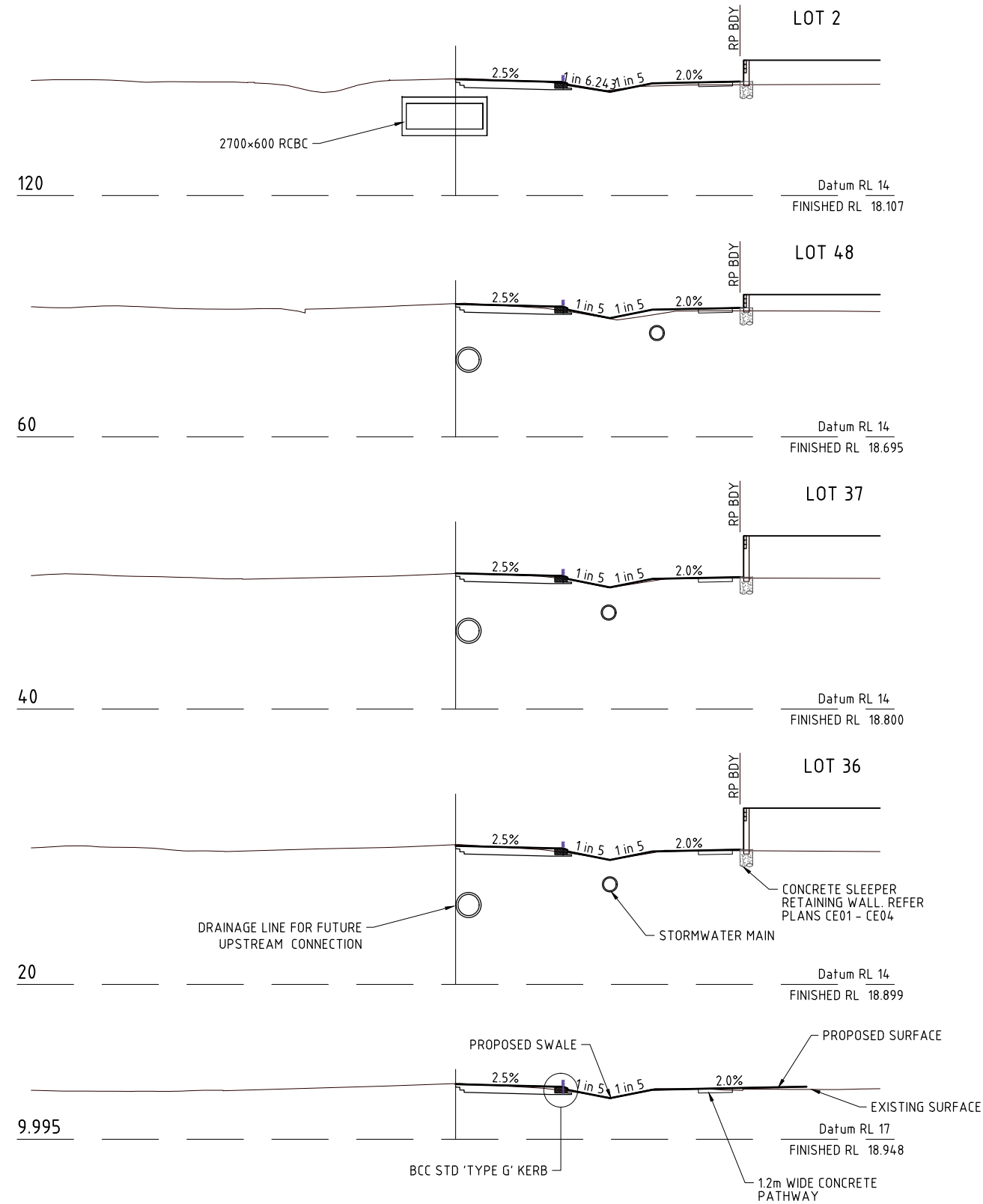


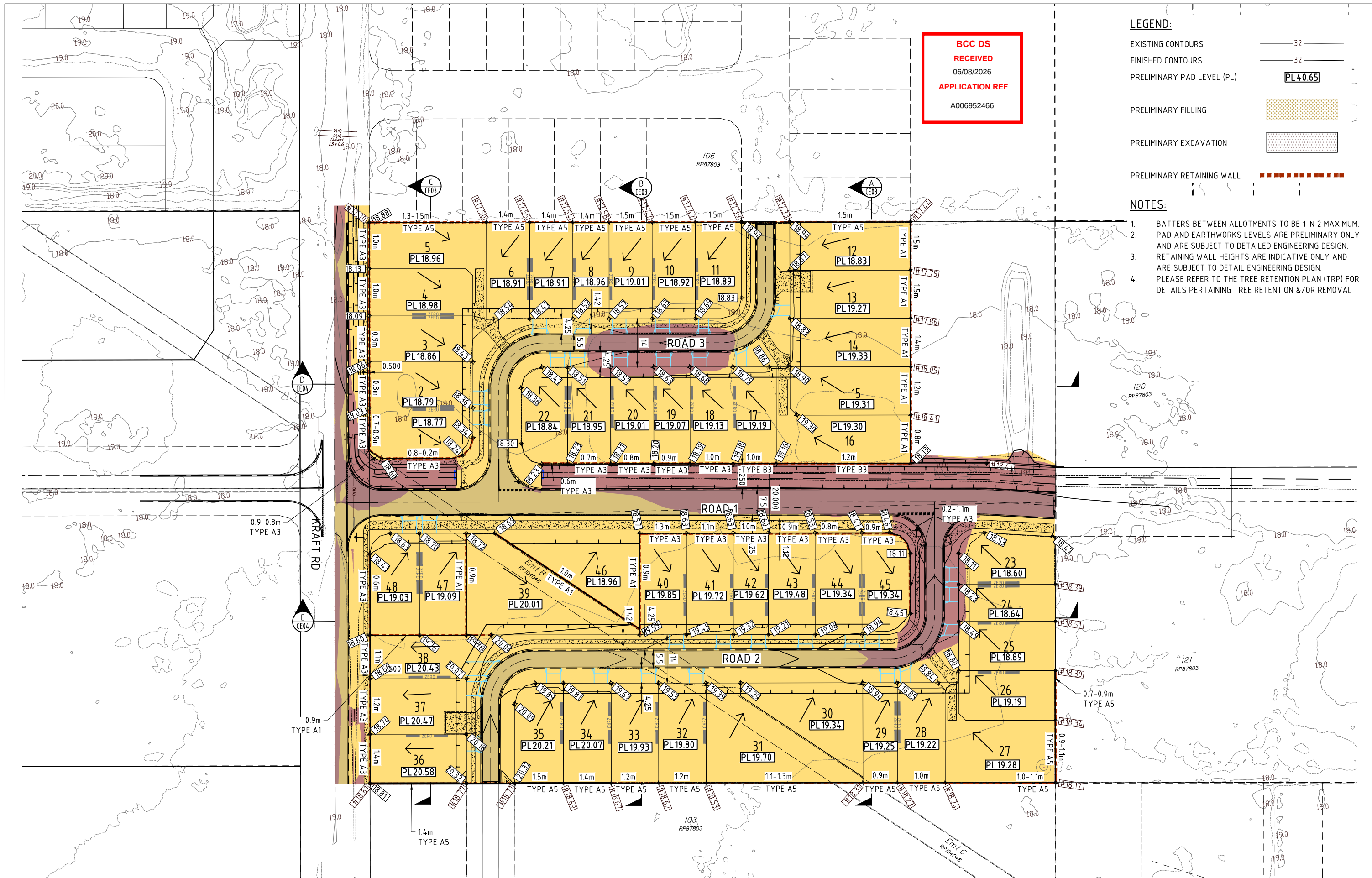
LONGITUDINAL SECTION - KRAFT RD



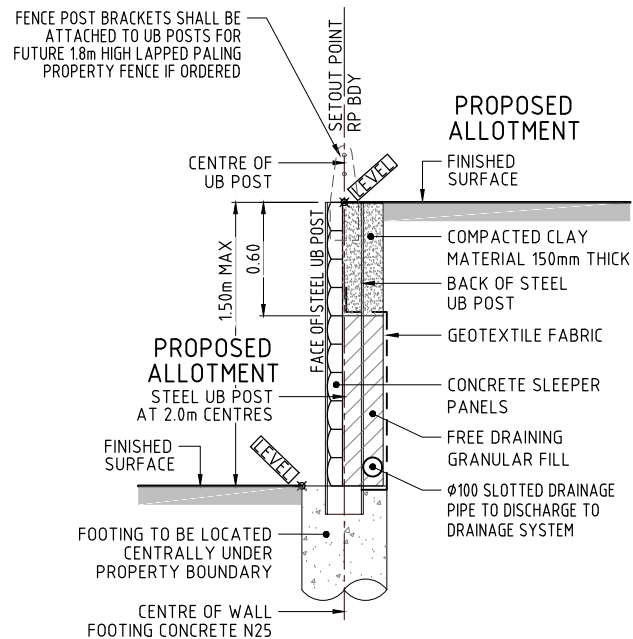
NOTE:
PAVEMENT DRAINS ARE TO BE LOCATED UNDER ALL KERB AND CHANNEL. FOR DETAILS OF PAVEMENT DRAIN CONSTRUCTION REFER TO BCC STD DRAWING BSD-2041

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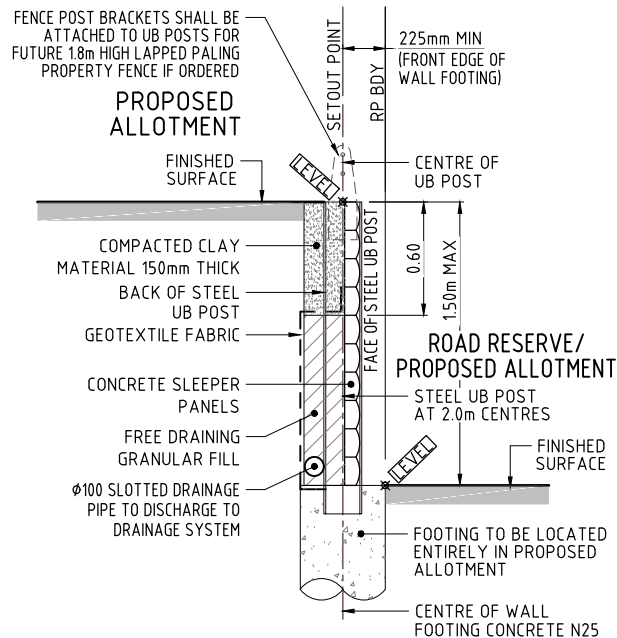


- LEGEND:**
- EXISTING CONTOURS — 32 —
 - FINISHED CONTOURS — 32 —
 - PRELIMINARY PAD LEVEL (PL) **PL40.65**
 - PRELIMINARY FILLING
 - PRELIMINARY EXCAVATION
 - PRELIMINARY RETAINING WALL
- NOTES:**
- BATTERS BETWEEN ALLOTMENTS TO BE 1 IN 2 MAXIMUM.
 - PAD AND EARTHWORKS LEVELS ARE PRELIMINARY ONLY AND ARE SUBJECT TO DETAILED ENGINEERING DESIGN.
 - RETAINING WALL HEIGHTS ARE INDICATIVE ONLY AND ARE SUBJECT TO DETAIL ENGINEERING DESIGN.
 - PLEASE REFER TO THE TREE RETENTION PLAN (TRP) FOR DETAILS PERTAINING TREE RETENTION &/OR REMOVAL



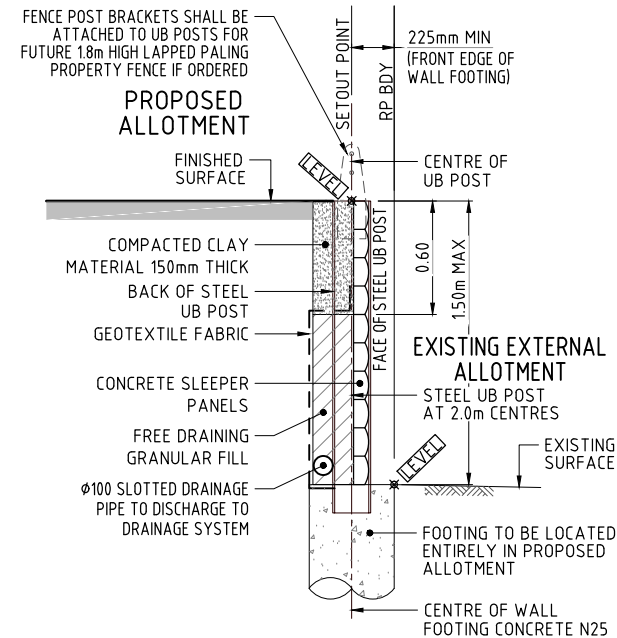
TYPICAL SECTION - TYPE A1
CONCRETE SLEEPER/UB POST RETAINING WALL
SCALE 1:20

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



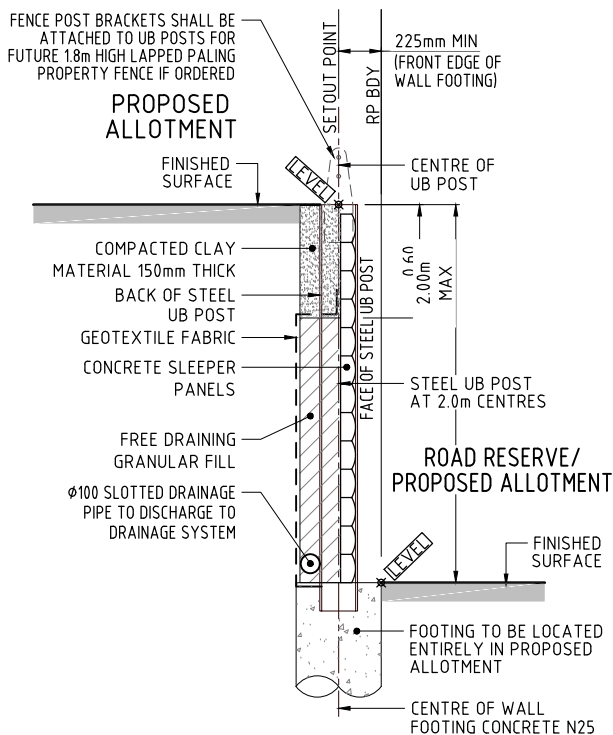
TYPICAL SECTION - TYPE A3
CONCRETE SLEEPER/UB POST RETAINING WALL
SCALE 1:20

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



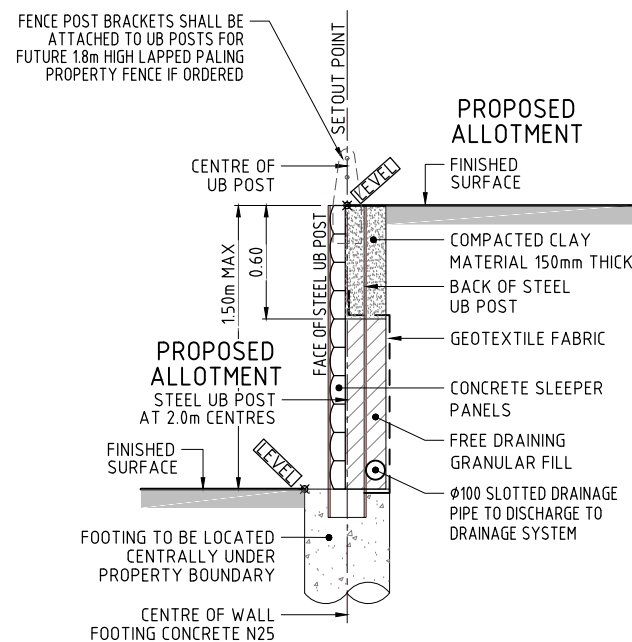
TYPICAL SECTION - TYPE A5
CONCRETE SLEEPER/UB POST RETAINING WALL
SCALE 1:20

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



TYPICAL SECTION - TYPE B3
CONCRETE SLEEPER/UB POST 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

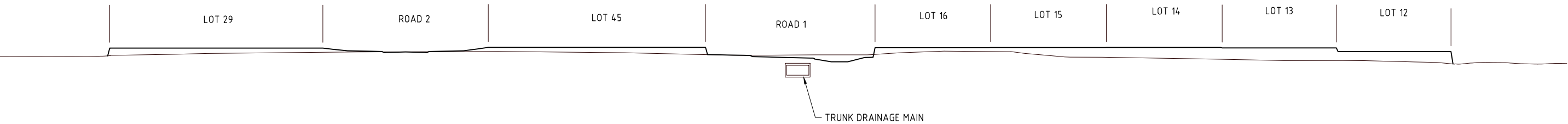


TYPICAL SECTION - TYPE A
CONCRETE SLEEPER/UB POST RETAINING WALL
SCALE 1:20

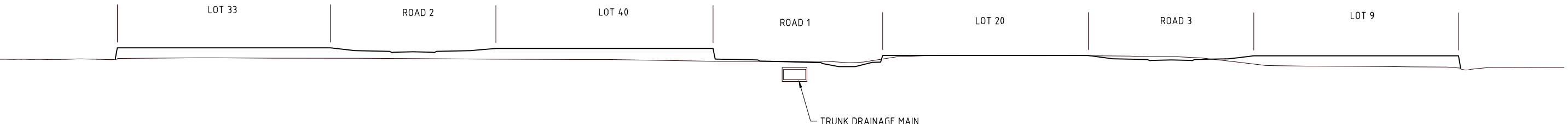
NOTE: RETAINING WALL DESIGN (INCLUDING FENCE POST BRACKETS AND FITTINGS) AND CONSTRUCTION CERTIFICATION TO INCORPORATE LOADING FROM FUTURE 1.8m HIGH LAPPED PALING PROPERTY FENCE

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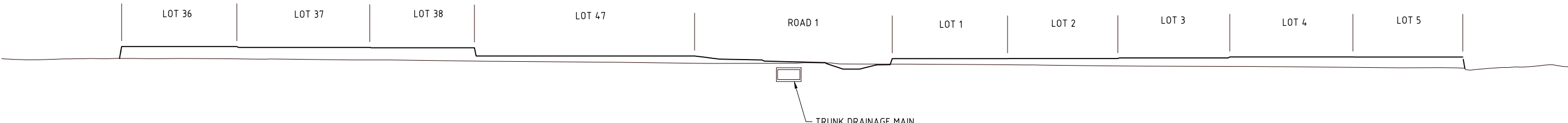
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SECTION A
SCALE 1 : 250



SECTION B
SCALE 1 : 250



SECTION C
SCALE 1 : 250



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P 07 3012 0100 W www.jfp.com.au

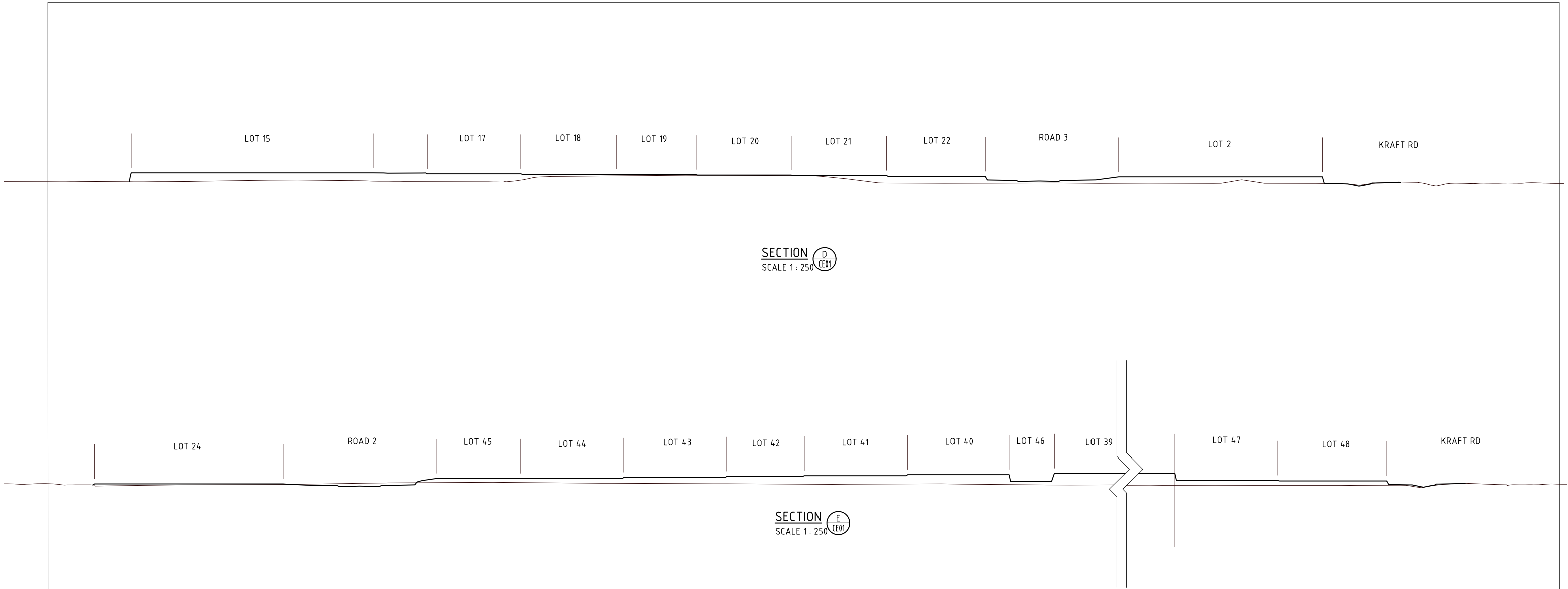
PLANNERS
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ENGINEERS
LANDSCAPE ARCHITECTS

ENGINEERING CONCEPT - EARTHWORKS SECTIONS

70 & 78 KRAFT ROAD, PALLARA
LANOCHY PTY LTD

JOB NO:	PLAN:	ISSUE:
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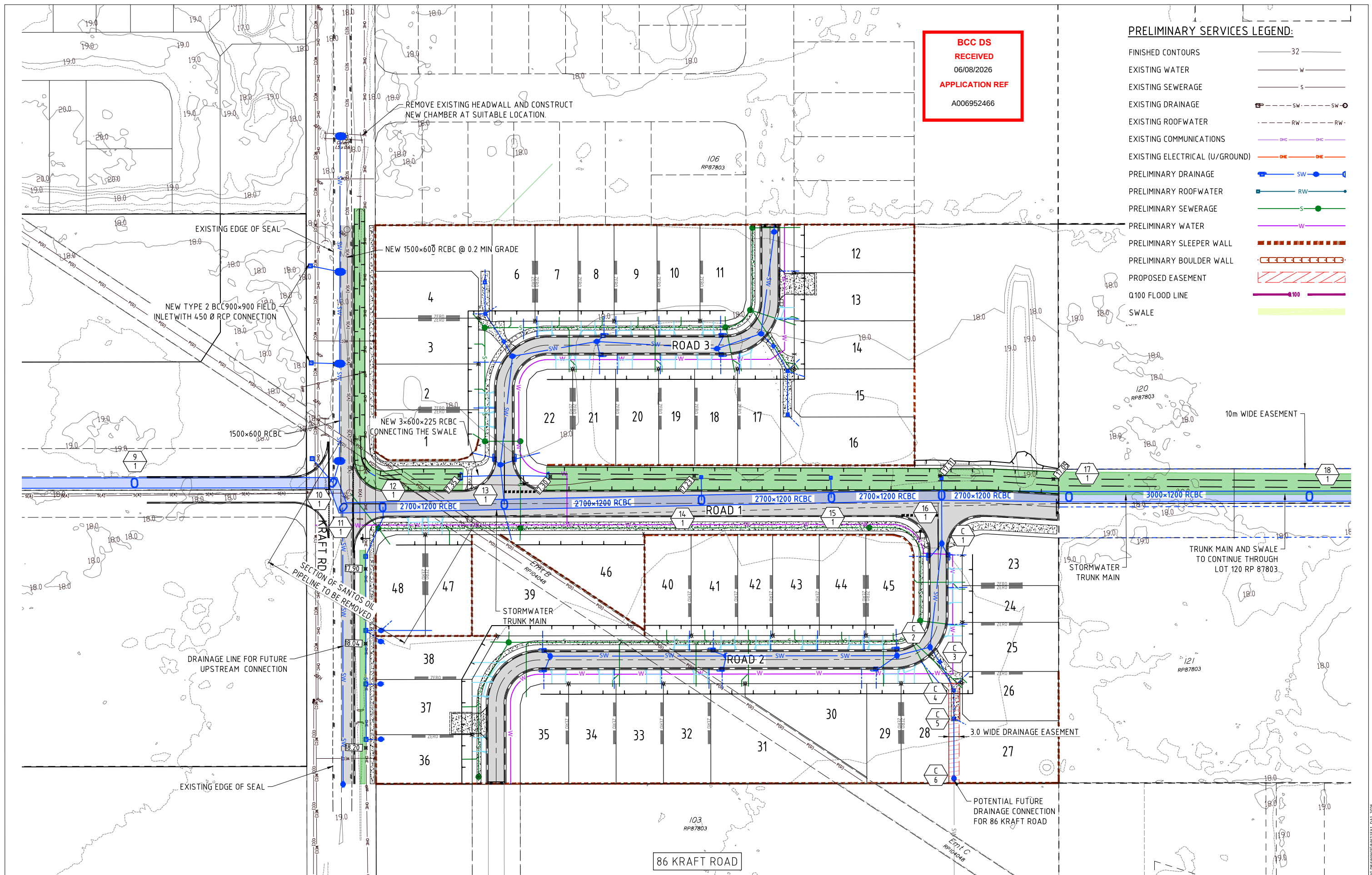
PLANNERS
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ENGINEERING CONCEPT - EARTHWORKS SECTIONS

70 & 78 KRAFT ROAD, PALLARA
LANOCHY PTY LTD

JOB NO:	PLAN:	ISSUE:
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APPLICATION REF
A006952466

PRELIMINARY SERVICES LEGEND:

- FINISHED CONTOURS 32
- EXISTING WATER W
- EXISTING SEWERAGE S
- EXISTING DRAINAGE SW RW
- EXISTING ROOFWATER RW
- EXISTING COMMUNICATIONS OHC
- EXISTING ELECTRICAL (U/GROUND) OHE
- PRELIMINARY DRAINAGE SW
- PRELIMINARY ROOFWATER RW
- PRELIMINARY SEWERAGE S
- PRELIMINARY WATER W
- PRELIMINARY SLEEPER WALL
- PRELIMINARY BOULDER WALL
- PROPOSED EASEMENT
- Q100 FLOOD LINE
- SWALE

ENGINEERING CONCEPT - SERVICES LAYOUT PLAN 1 OF 3

**70 & 78 KRAFT ROAD, PALLARA
LANOCHY PTY LTD**

PRELIMINARY SERVICES LEGEND:

FINISHED CONTOURS	— 32 —
EXISTING WATER	— W —
EXISTING SEWERAGE	— S —
EXISTING DRAINAGE	— SW — SW —
EXISTING ROOFWATER	— RW — RW —
EXISTING COMMUNICATIONS	— OHC — OHC —
EXISTING ELECTRICAL (U/GROUND)	— OHE — OHE —
PRELIMINARY DRAINAGE	— SW — SW —
PRELIMINARY ROOFWATER	— RW — RW —
PRELIMINARY SEWERAGE	— S — S —
PRELIMINARY WATER	— W — W —
PRELIMINARY SLEEPER WALL	— — — — —
PRELIMINARY BOULDER WALL	— — — — —
PROPOSED EASEMENT	— — — — —
Q100 FLOOD LINE	— 100 —
SWALE	— — — — —



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ENGINEERING CONCEPT - SERVICES LAYOUT PLAN 3 OF 3

70 & 78 KRAFT ROAD, PALLARA LANOCHY PTY LTD

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APPLICATION REF
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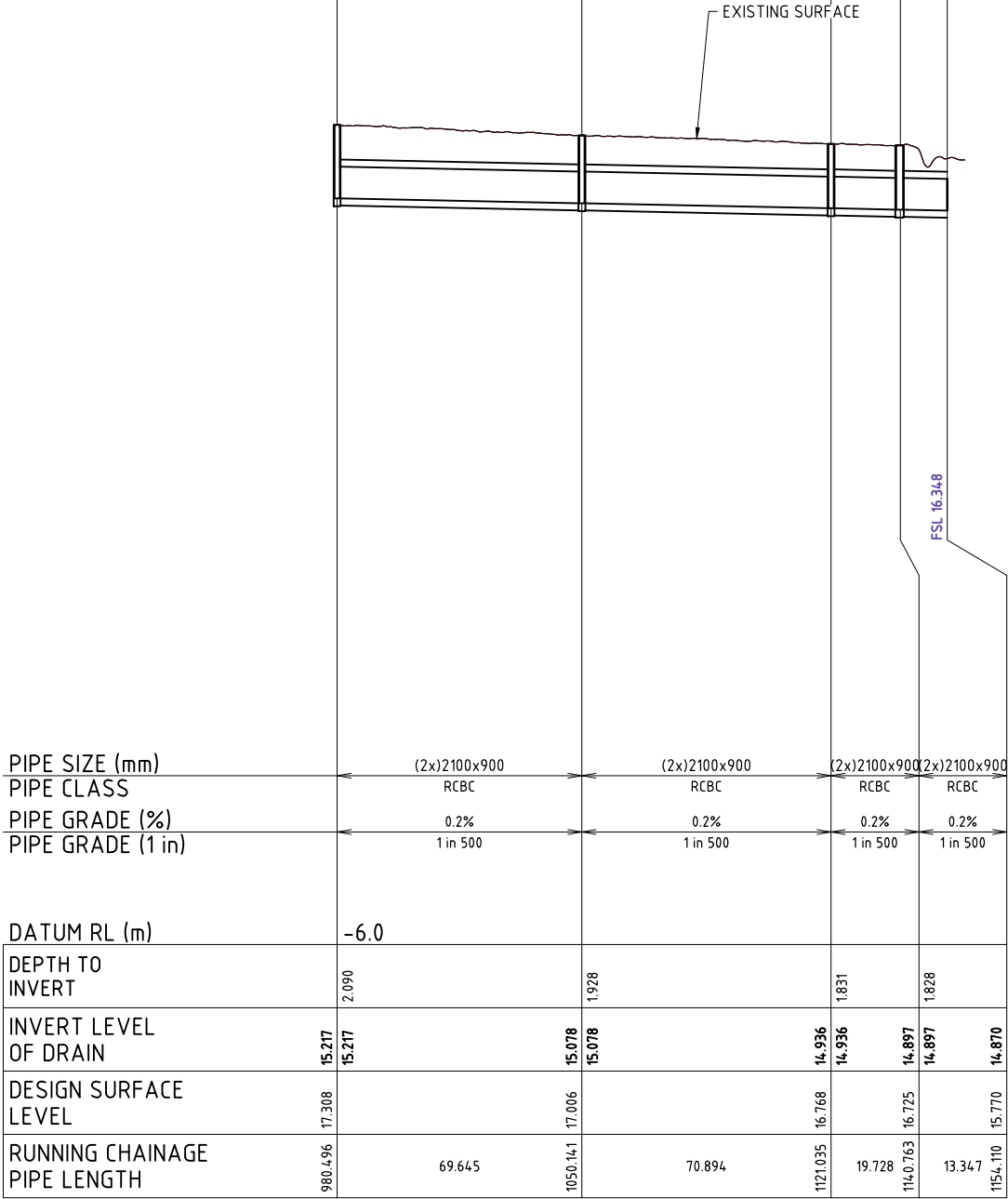
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21/07/2026 N:\B4621\DATA\DESIGN\WORKING DRAWINGS\B4621EA1_DA1_2026

STRUCTURE NUMBER	1-9	1-10				1-11	1-12	1-13	1-14		1-15	1-16	1-17	1-18		1-19	1-20	1-21	1-22
STRUCTURE DESCRIPTION	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm				STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm		STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	CUSTOM MANHOLE REFER TO DETAIL	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm		STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	CUSTOM MANHOLE
PIPE SIZE (mm)	2100x900				2700x900	2700x900	2700x1200	2700x1200		2700x1200	2700x1200	3000x1200	3000x1200		3000x1200	3000x1200	3000x1200	(2x)2100x900	
PIPE CLASS	RCBC				RCBC	RCBC	RCBC	RCBC		RCBC	RCBC	RCBC	RCBC		RCBC	RCBC	RCBC	RCBC	
PIPE GRADE (%)	0.2%				0.2%	0.2%	0.2%	0.2%		0.2%	0.2%	0.2%	0.2%		0.2%	0.2%	0.2%	0.2%	
PIPE GRADE (1 in)	1 in 500				1 in 500	1 in 500	1 in 500	1 in 500		1 in 500	1 in 500	1 in 500	1 in 500		1 in 500	1 in 500	1 in 500	1 in 500	
DATUM RL (m)	-4.0																		
DEPTH TO INVERT	1.875	1.987				2.127	2.030	2.180		2.146	2.125	2.105	2.061	2.044		1.941	2.281	2.231	
INVERT LEVEL OF DRAIN	16.423	16.307				16.292	16.268	16.197		16.082	16.007	15.943	15.869	15.729		15.549	15.460	15.332	15.217
DESIGN SURFACE LEVEL	18.298	18.294				18.418	18.298	18.378		18.228	18.132	18.048	17.930	17.772		17.489	17.741	17.563	17.308
RUNNING CHAINAGE PIPE LENGTH	377.744	57.792				7.807	11.734	35.331		57.584	37.580	32.157	37.060	70.000		814.789	44.378	63.952	57.377

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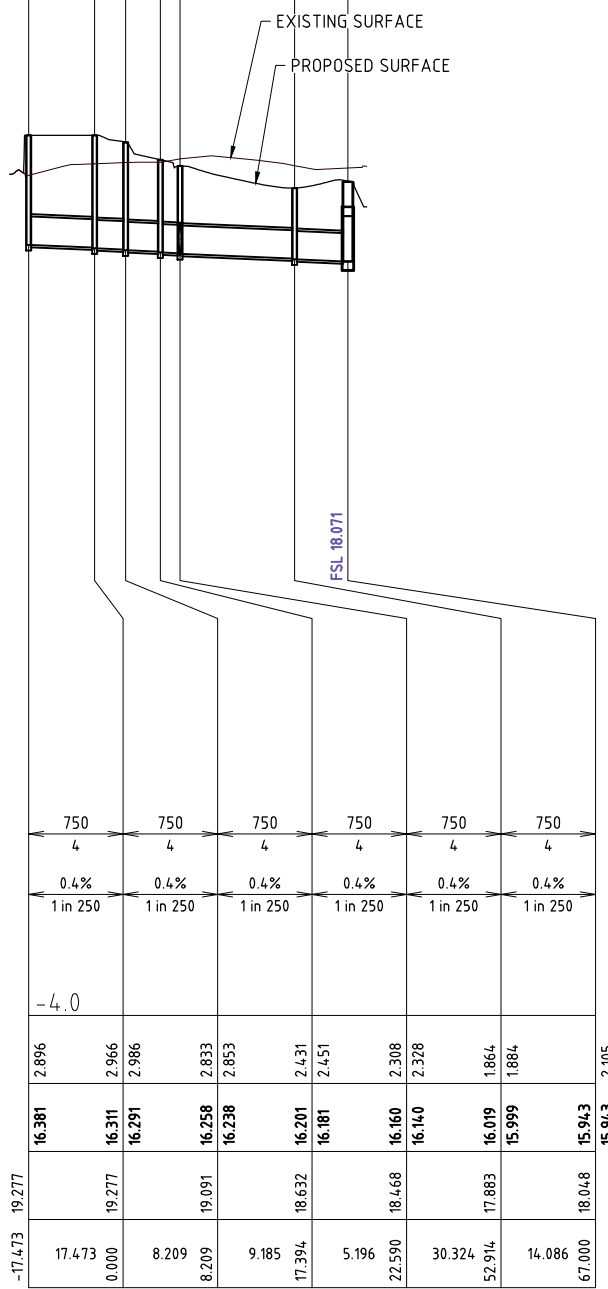
STRUCTURE NUMBER	1-22	1-23	1-24	1-25	1-26
STRUCTURE DESCRIPTION	CUSTOM MANHOLE REFER TO DETAIL	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	CUSTOM MANHOLE REFER TO DETAIL	STD BCC MANHOLE 1500mm DIAMETER; EXT 900mm	OUTFALL



LINE

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STRUCTURE NUMBER	C-6	C-5	C-4	C-3	C-2	C-1	1-16
STRUCTURE DESCRIPTION	STD BCC MANHOLE 1050mm DIAMETER	STD BCC MANHOLE 1050mm DIAMETER	STD BCC MANHOLE 1050mm DIAMETER	STD BCC MANHOLE 1050mm DIAMETER	STD BCC MANHOLE 1050mm DIAMETER	STD BCC MANHOLE 1050mm DIAMETER	CUSTOM MANHOLE REFER TO DETAIL



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