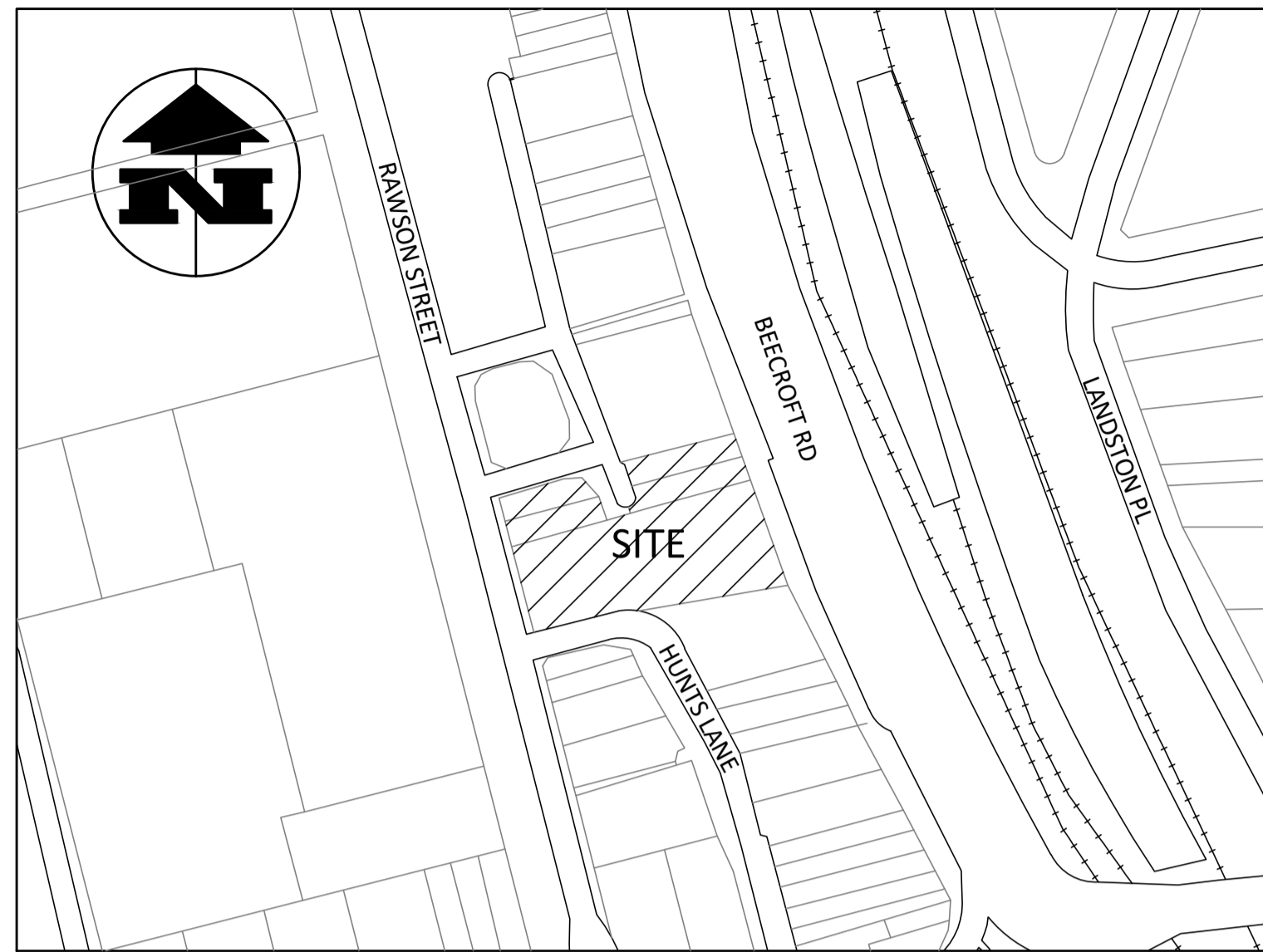


EPPING TOWER

PUBLIC DOMAIN

ALIGNMENT WORKS



LOCALITY MAP
N.T.S

Sheet List Table

C0000	COVER SHEET
C0001	LEGEND
C0210	EXISTING AND PROPOSED CROSS SECTION
C0310	CROSS SECTIONS LAYOUT
C0420	SITWORKS LANE WAY LONGITUDINAL SECTION
C0421	SITWORKS BEECROFT RD LONGITUDINAL SECTION
C0422	SITWORKS HUNTS LANE LONGITUDINAL SECTION
C0423	SITWORKS RAWSON ST LONGITUDINAL SECTION
C0500	CROSS SECTION LANEWAY
C0501	CROSS SECTION BEECROFT RD
C0502	CROSSECTION HUNTS LANE
C0503	CROSSECTION RAWSON ST

STATUS
FOR APPROVAL

COPYRIGHT ID - This document is and shall remain the property of Bornhorst + Ward Pty. Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement. Unauthorised use of this document in any form whatsoever is prohibited.

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	07.02.19	RE-ISSUE		TK	ZW	
B	21.12.18	RESPONSE TO COUNCIL RFI		TK	MS	ZW NR
A	06.07.18	PDG ALIGNMENT DRAWINGS		ABU	ZW	NR

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED

M. Ruzic
7729
RPEQ
DATE 21.12.18

CHECKED

M. Ruzic
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

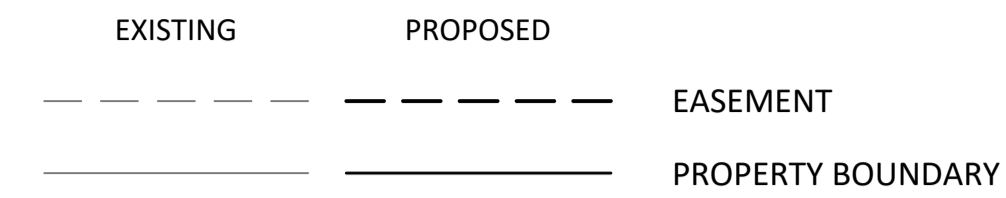
PROJECT
EPPING TOWER

SUBJECT
COVER SHEET

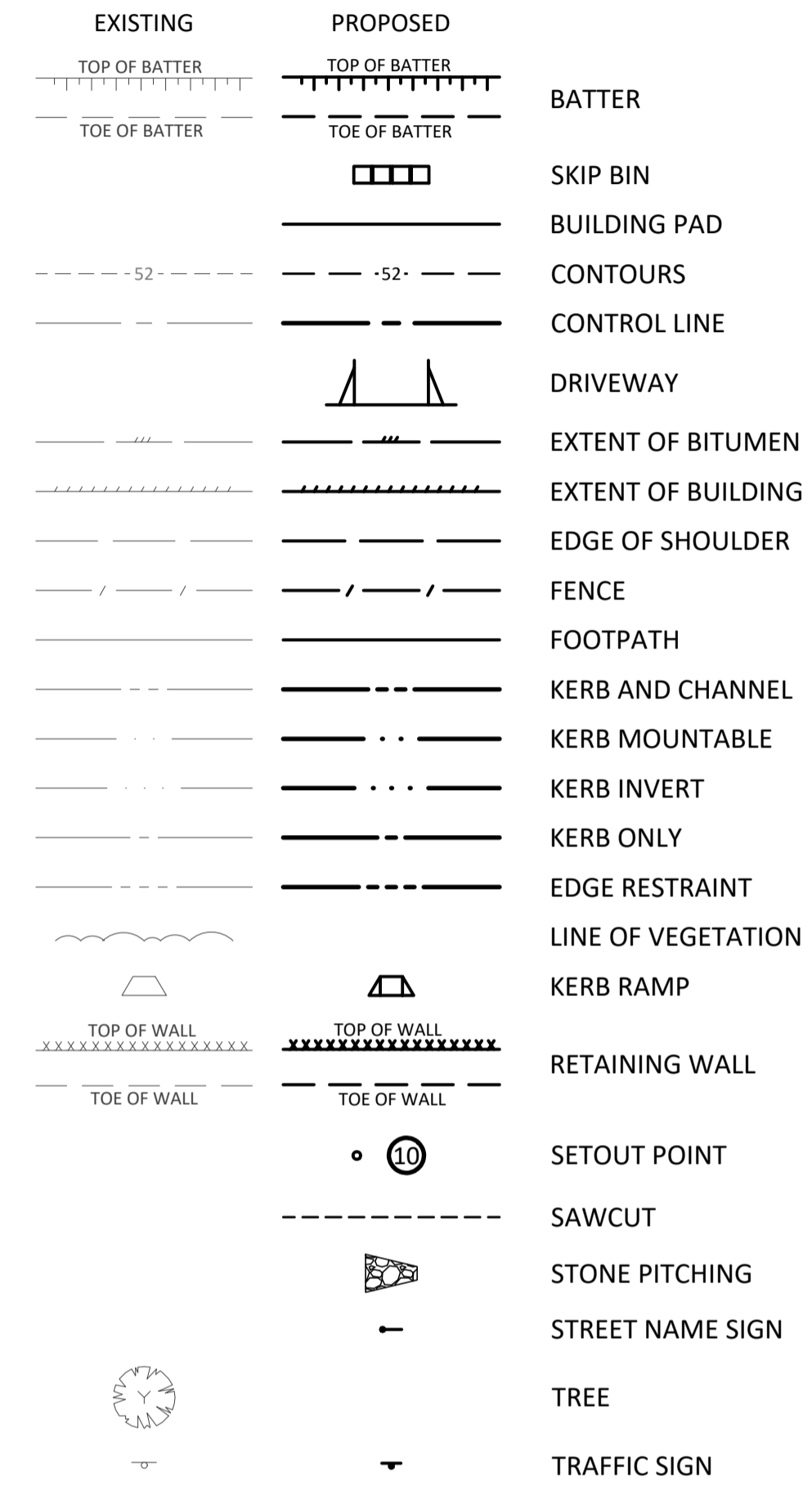
PROJECT No.
16115

DRAWING No. REVISION
C0000 C

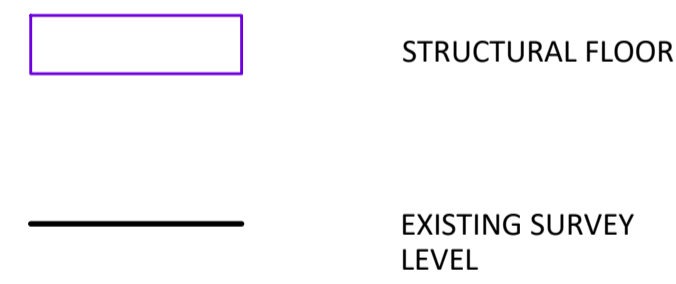
BOUNDARIES



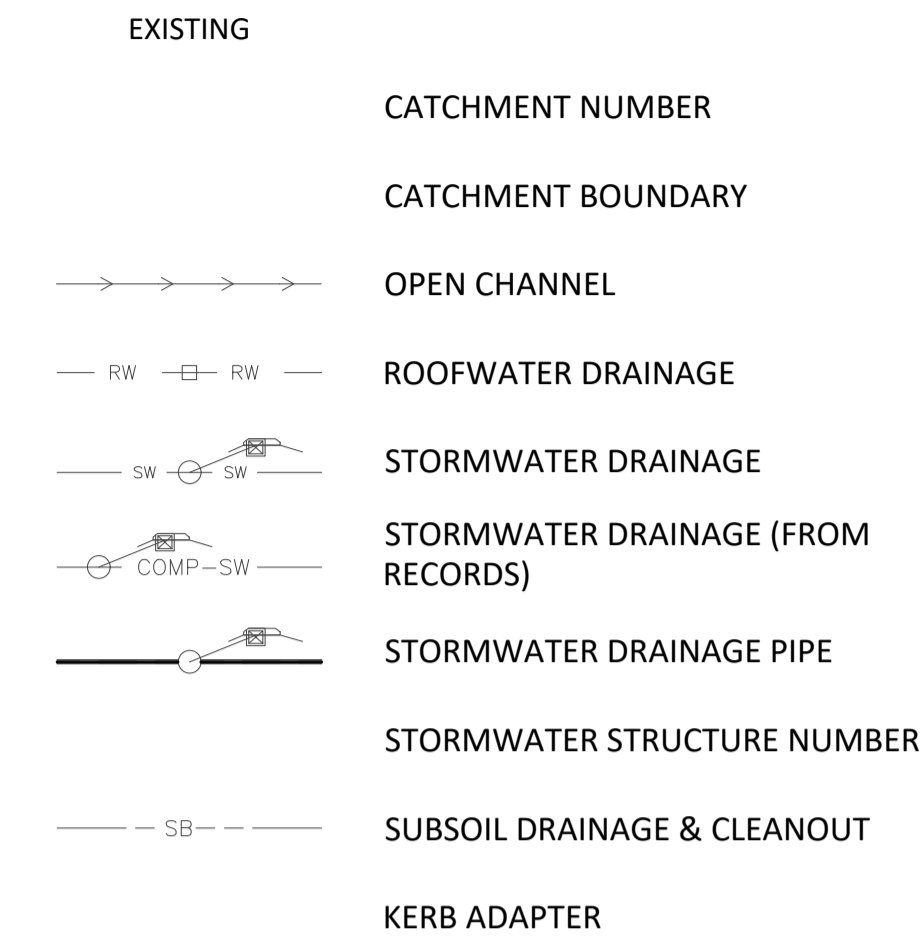
ROADWORKS



CROSS SECTIONS



STORMWATER



STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	07.02.19	RE-ISSUE		TK	ZW	
B	21.12.18	RESPONSE TO COUNCIL RFI		TK	MS	ZW NR
A	06.07.18	PDG ALIGNMENT DRAWINGS		ABU	ZW	NR

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Razif
DATE 21.12.18

CHECKED
M. Razif
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

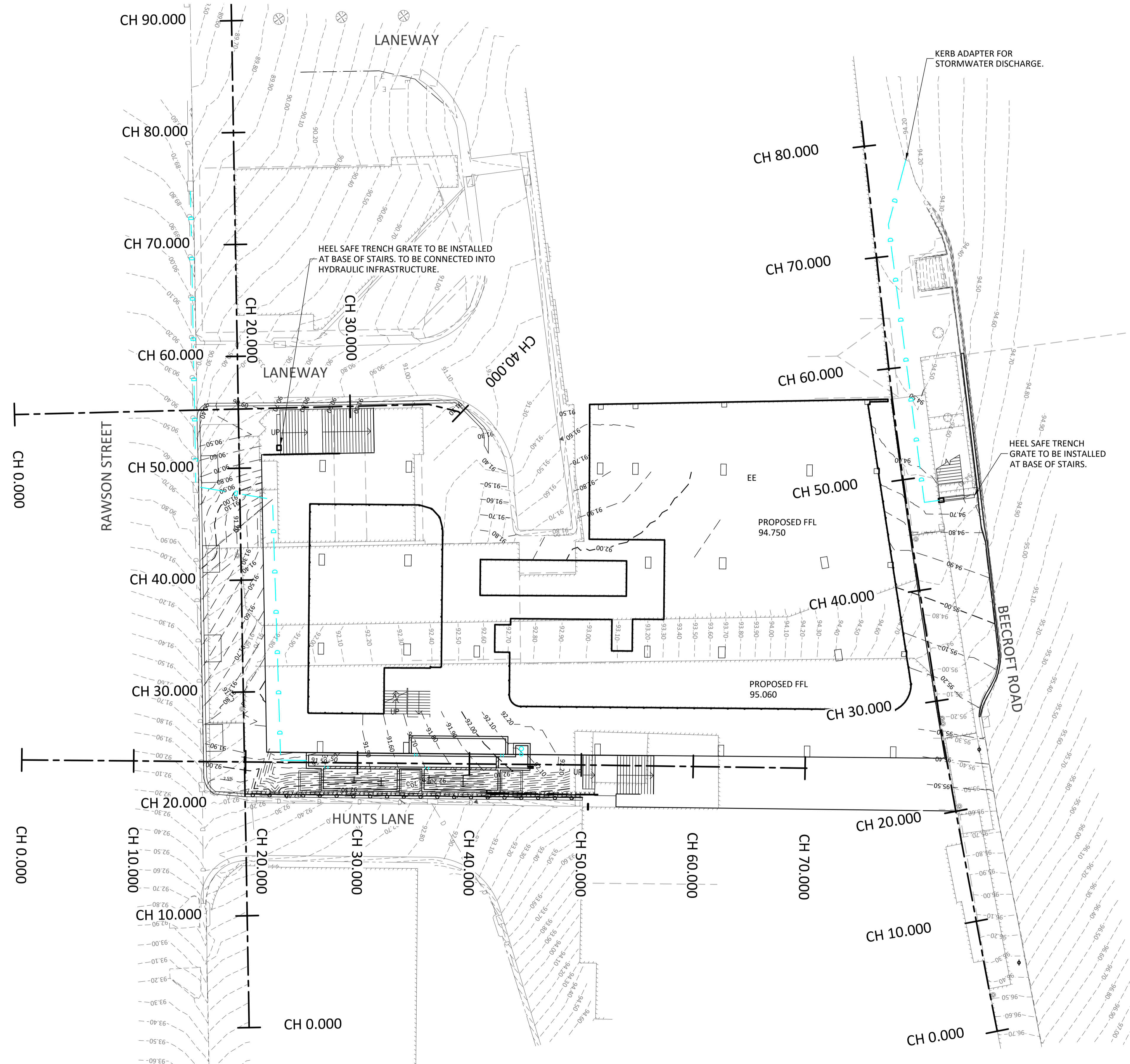
CLIENT
PDS AUSTRALIA PTY LTD

PROJECT
EPPING TOWER

SUBJECT
LEGEND

PROJECT No.
16115

DRAWING No. REVISION
C0001 C



PLAN
SCALE 1:200

PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

SCALES UNREDUCED / REDUCED

0 2.0 4.0 6.0 8.0 10.0m 1:200 / 1:400

STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
D	07.02.19	RE-ISSUE	TK	ZW		
C	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR
B	15.10.18	PLAN UPDATED WITH SECTION LOCATIONS	TK	BK		
A	06.07.18	PDG ALIGNMENT DRAWINGS	ABU	ZW	NR	

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Ruzic
DATE 21.12.18

CHECKED
M. Ruzic
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

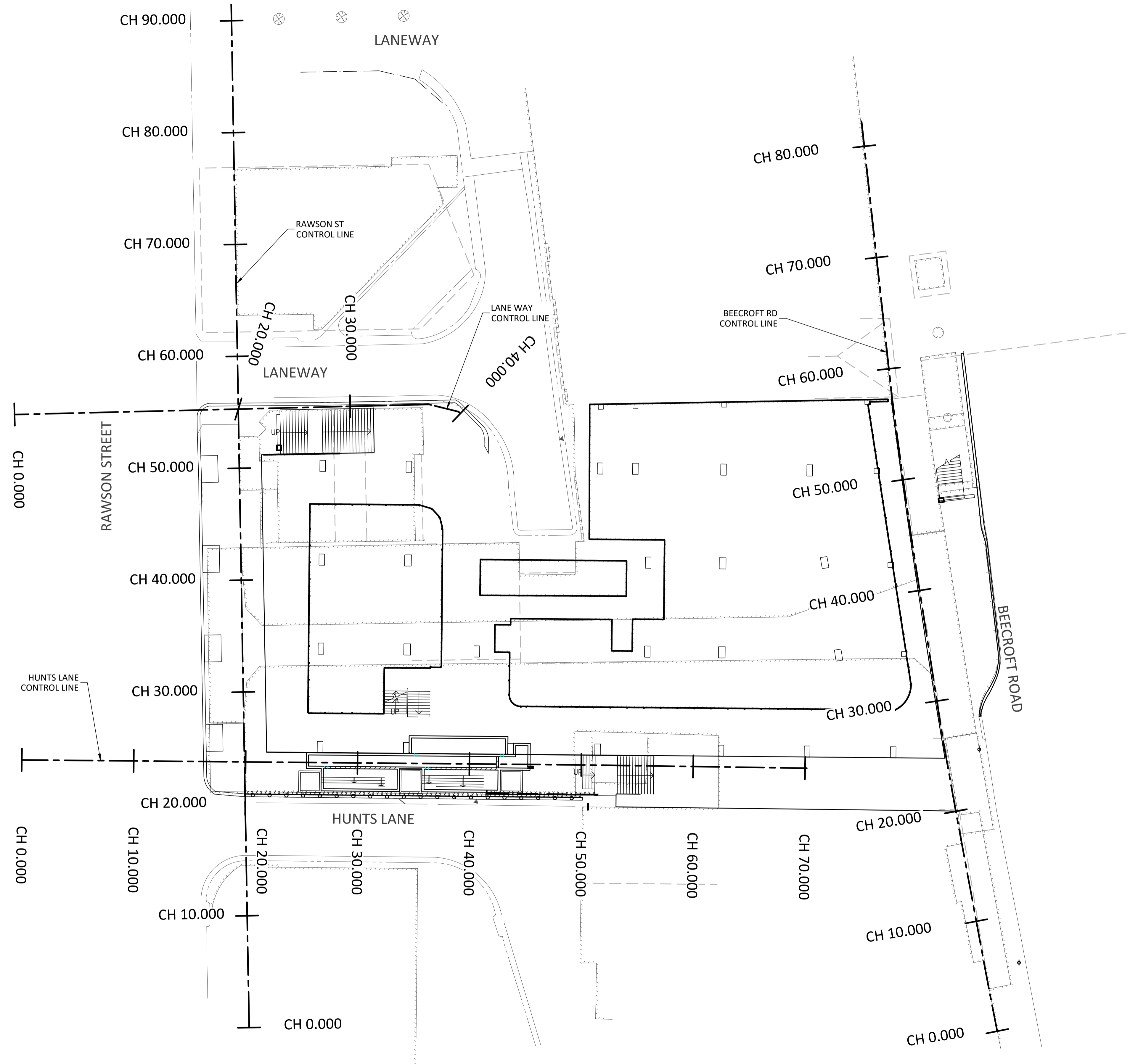
CLIENT
PDS AUSTRALIA PTY LTD

PROJECT
EPPING TOWER

SUBJECT
EXISTING AND PROPOSED CROSS SECTION

PROJECT No.
16115

DRAWING No. REVISION
C0210 D



PROJECT NORTH

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED
A3 REDUCED

SCALES UNREDUCED / REDUCED

0 2.0 4.0 6.0 8.0 10.0m 1:200 / 1:400

STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
D	07.02.19	RE-ISSUE	TK	ZW		
C	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR
B	15.10.18	PLAN UPDATED WITH SECTION LOCATIONS	TK	BK		
A	06.07.18	PDG ALIGNMENT DRAWINGS	ABU	ZW	NR	

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Razif
DATE 21.12.18

CHECKED
M. Razif
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

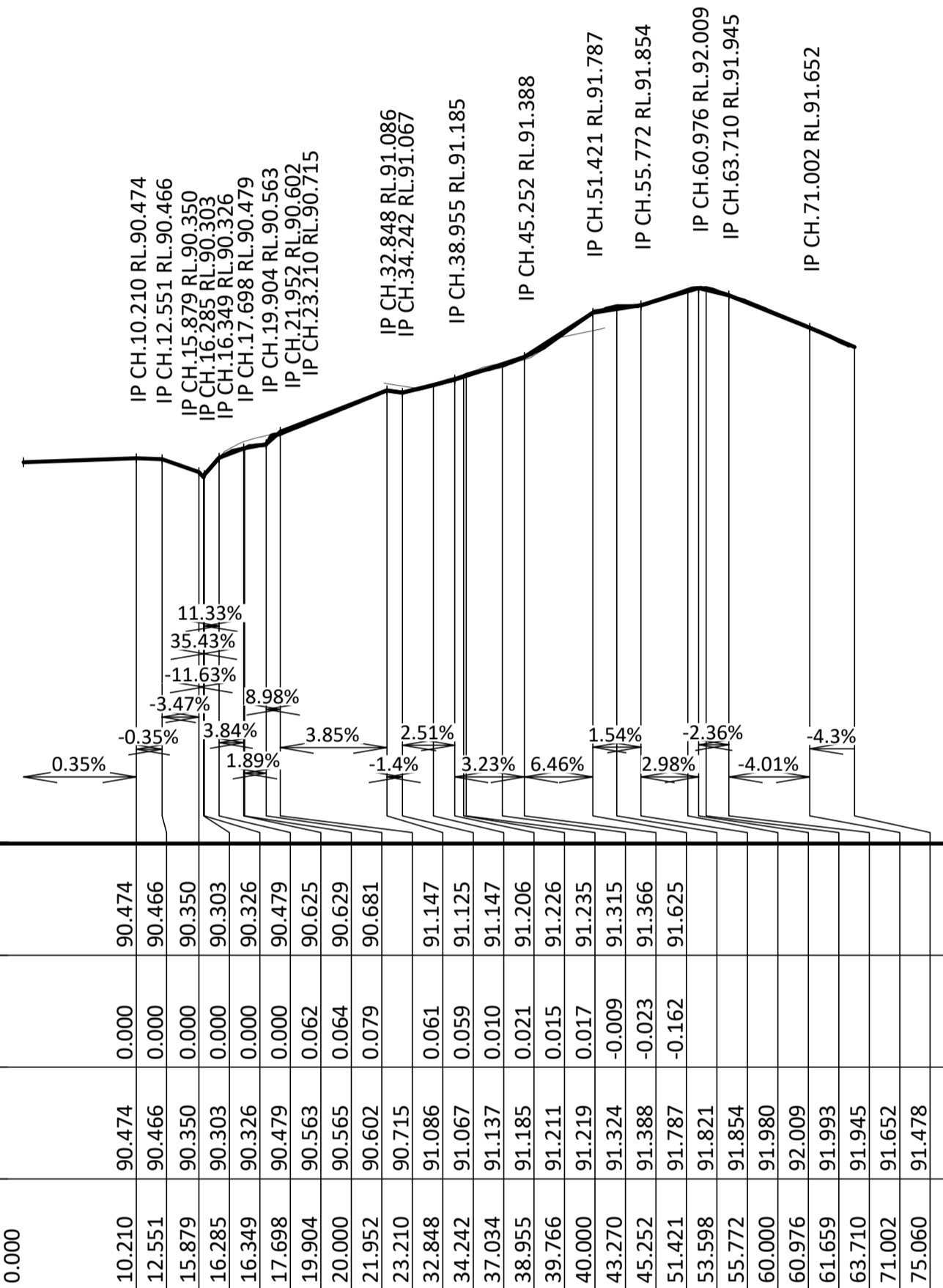
PROJECT
EPPING TOWER

SUBJECT
CROSS SECTIONS LAYOUT

PROJECT No.
16115

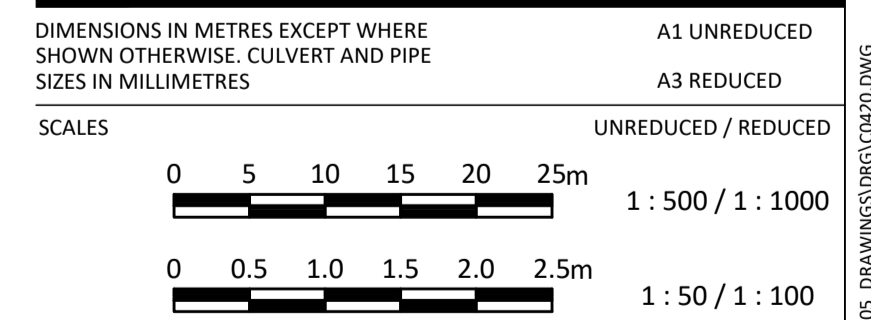
DRAWING No. REVISION
C0310 D

HORIZONTAL DATA
VERTICAL DATA
DATUM 87.00



EXISTING SURFACE LEVEL	CUT / FILL DEPTH TO EXISTING SURFACE	CONTROL LINE FINISHED LEVEL	CONTROL LINE CHAINAGES
90.474	0.000	90.474	0.000
90.466	0.000	90.466	10.210
90.350	0.000	90.350	12.551
90.303	0.000	90.303	15.879
90.326	0.000	90.326	16.285
90.479	0.000	90.479	16.349
90.625	0.062	90.563	17.698
90.681	0.079	90.602	19.904
91.147	0.061	90.715	20.000
91.125	0.059	91.086	21.952
91.147	0.010	91.067	23.210
91.206	0.021	91.137	32.848
91.235	0.015	91.185	34.242
91.315	0.017	91.211	37.034
91.366	-0.023	91.226	38.955
91.625	-0.162	91.235	39.766
		91.315	40.000
		91.366	43.270
		91.625	45.252
			51.421
			53.598
			55.772
			60.000
			60.976
			61.659
			63.710
			71.002
			75.060

LONGITUDINAL SECTIONS
SCALE 1:500 (HOR)
1:50 (VERT)



STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	07.02.19	RE-ISSUE	TK	ZW		
B	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR
A	15.10.18	BOUNDARY LONGITUDINAL SECTIONS	MW	BK		

ASSOCIATED CONSULTANTS
**WOODS BAGOT
EMF GRIFFITHS**

APPROVED
M. Ruzic
DATE 21.12.18

CHECKED
M. Ruzic
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

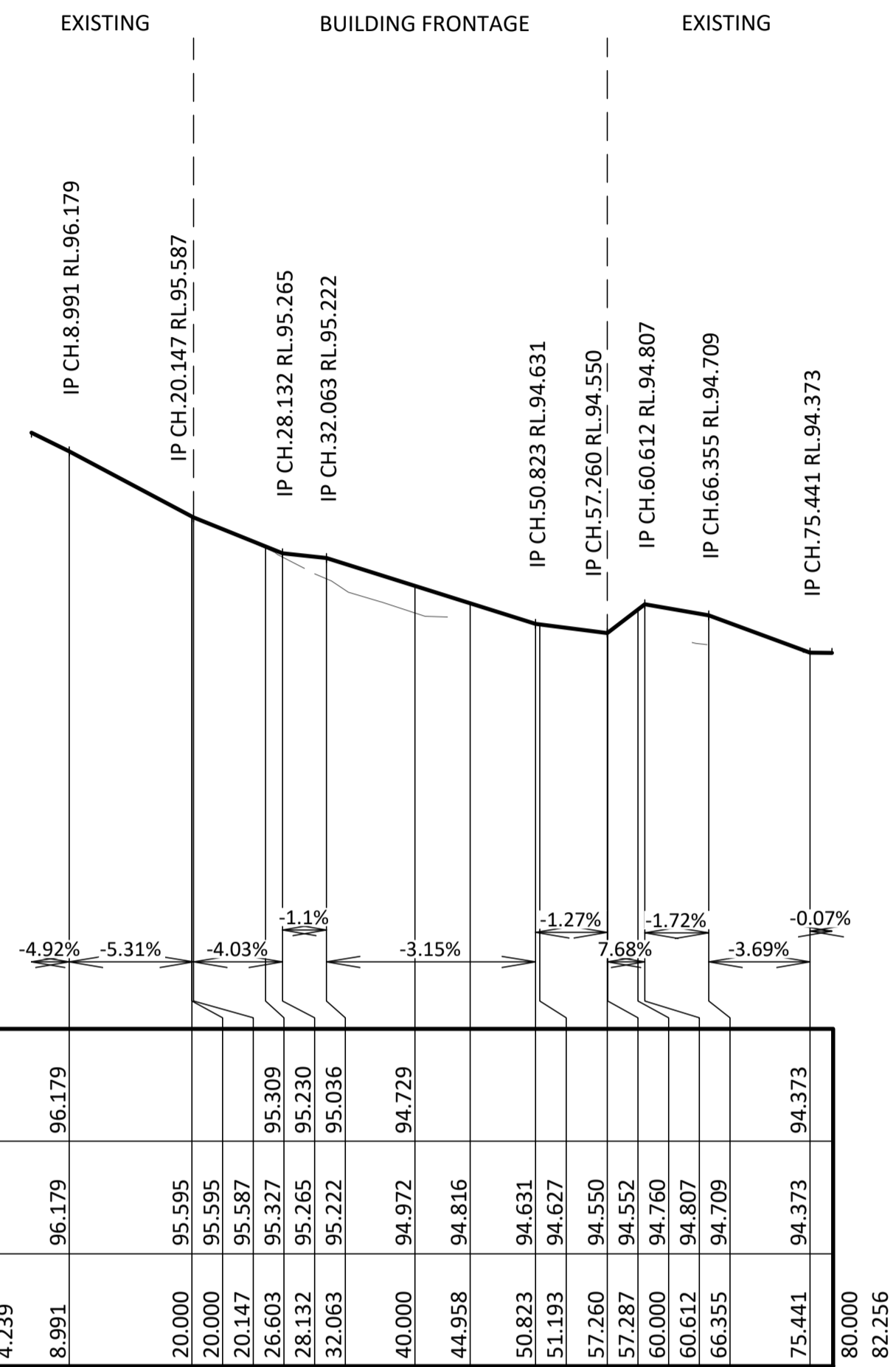
PROJECT
EPPING TOWER

SUBJECT
**SITWORKS LANE WAY
LONGITUDINAL SECTION**

PROJECT No.
16115

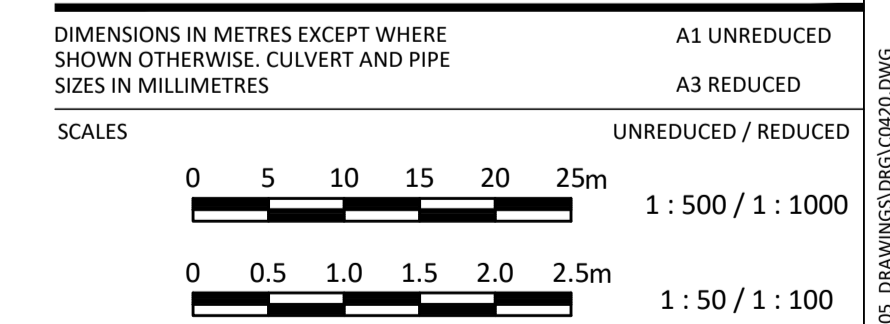
DRAWING No. REVISION
C0420 C

HORIZONTAL DATA
VERTICAL DATA
DATUM 91.00



EXISTING SURFACE LEVEL	CONTROL LINE FINISHED LEVEL	CONTROL LINE CHAINAGES
		0.000
		4.239
		8.991
		20.000
		20.000
		20.147
		26.603
		28.132
		32.063
		40.000
		44.958
		50.823
		51.193
		57.260
		57.287
		60.000
		60.612
		66.355
		75.441
		80.000
		82.256

LONGITUDINAL SECTIONS
SCALE 1:500 (HOR)
1:50 (VERT)



STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	07.02.19	RE-ISSUE	TK	ZW		
B	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR
A	15.10.18	BOUNDARY LONGITUDINAL SECTIONS	MW	BK		

ASSOCIATED CONSULTANTS
**WOODS BAGOT
EMF GRIFFITHS**

APPROVED
M. Ruzij
DATE 21.12.18

CHECKED
M. Ruzij
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

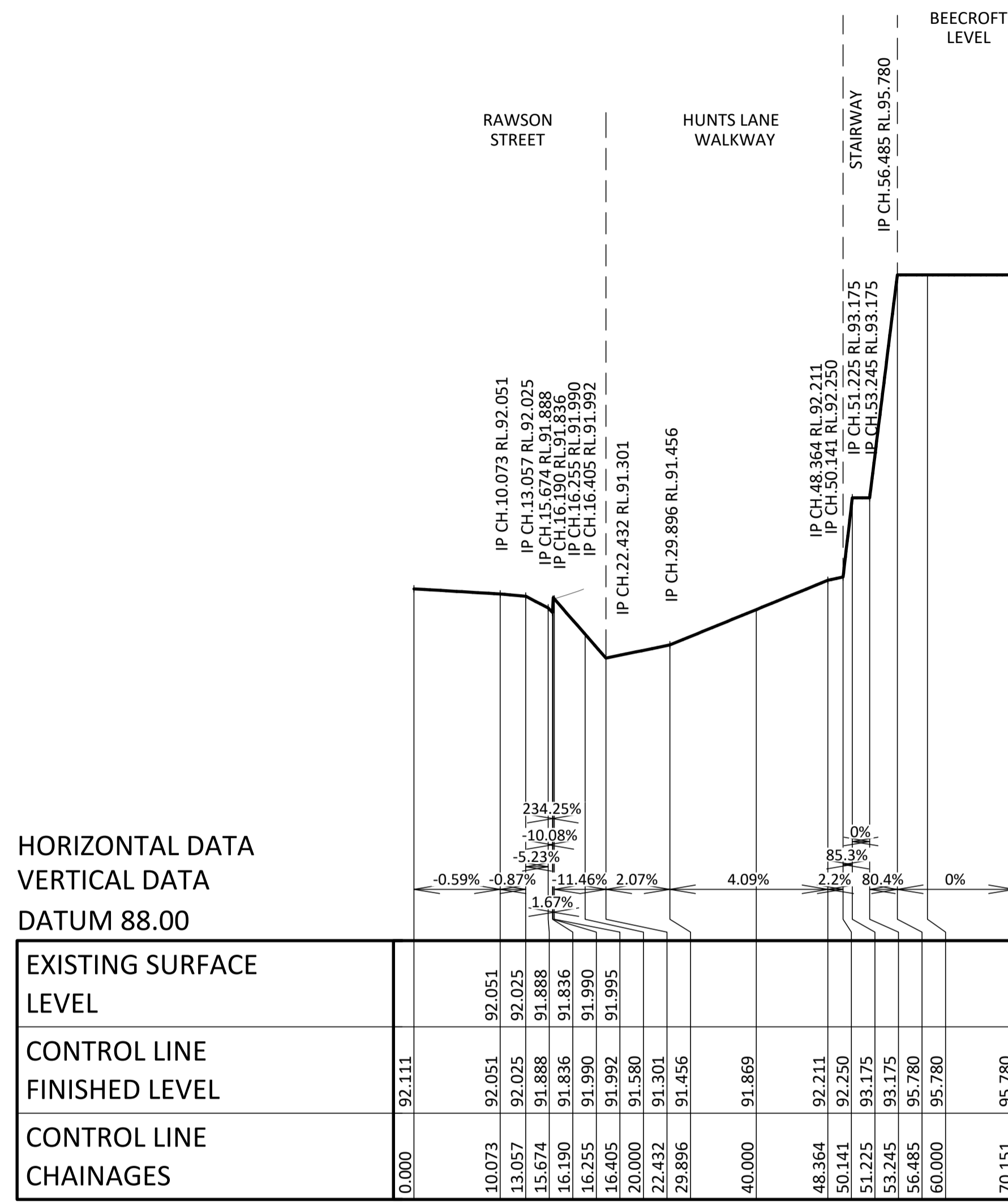
PROJECT
EPPING TOWER

SUBJECT
**SITeworks BEECROFT RD
LONGITUDINAL SECTION**

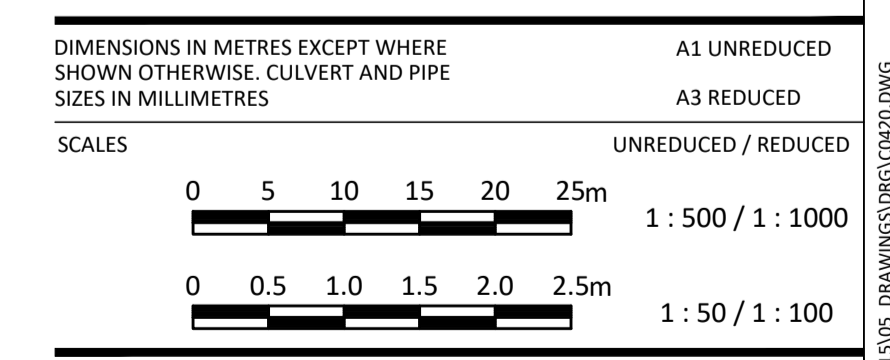
PROJECT No.
16115

DRAWING No. REVISION
C0421 C

COPYRIGHT ID - This document is and shall remain the property of Bornhorst & Ward Pty. Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement. Unauthorised use of this document in any form whatsoever is prohibited.



LONGITUDINAL SECTIONS
SCALE 1:500 (HOR)
1:50 (VERT)



STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	07.02.19	RE-ISSUE	TK	ZW		
B	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR
A	15.10.18	BOUNDARY LONGITUDINAL SECTIONS	MW	BK		

ASSOCIATED CONSULTANTS	APPROVED	CHECKED
WOODS BAGOT EMF GRIFFITHS	<i>M. Ruzij</i> 7729 RPEQ	<i>M. Ruzij</i>
	DATE 21.12.18	DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

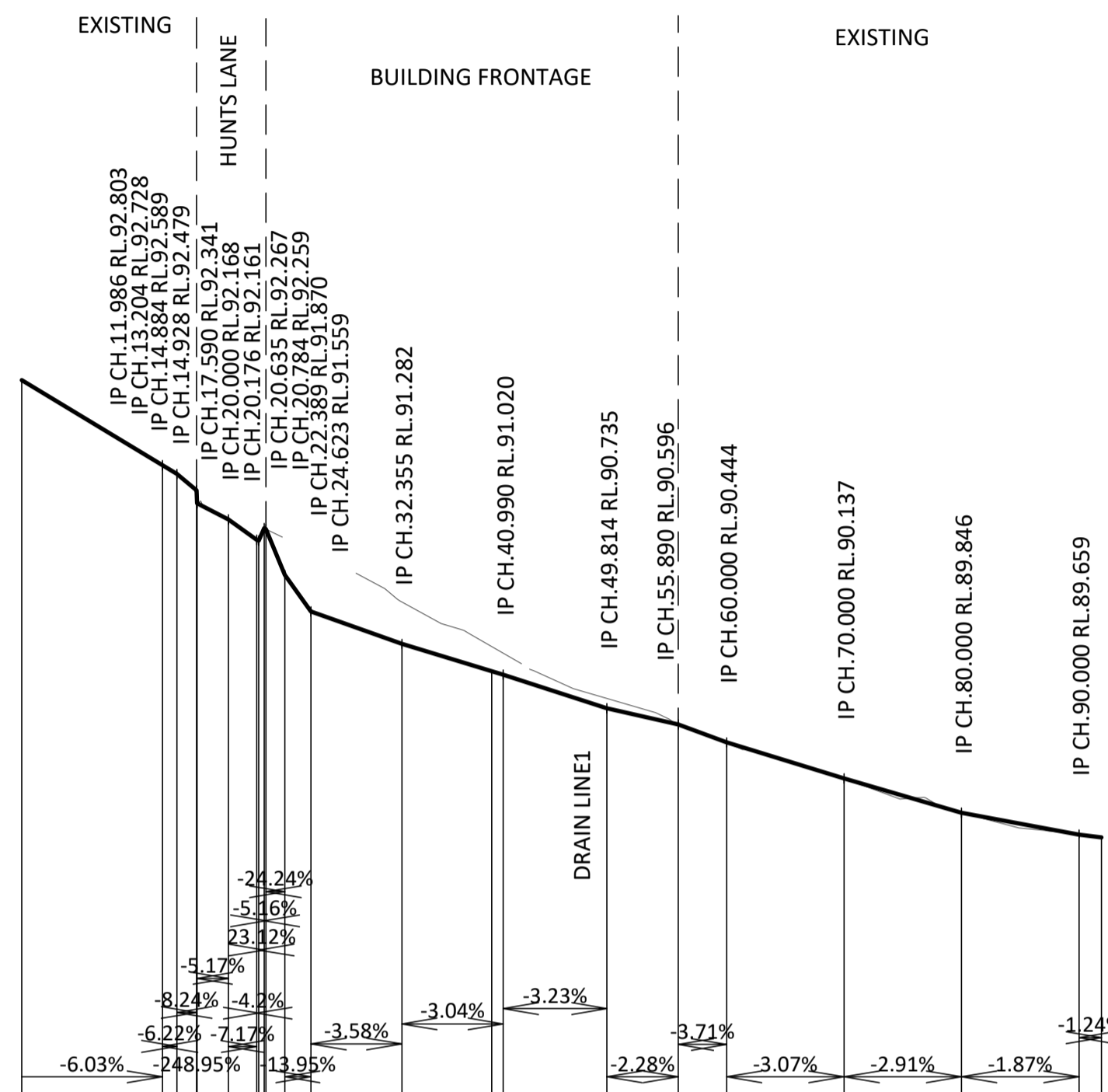
PROJECT
EPPING TOWER

SUBJECT
SITWORKS HUNTS LANE LONGITUDINAL SECTION

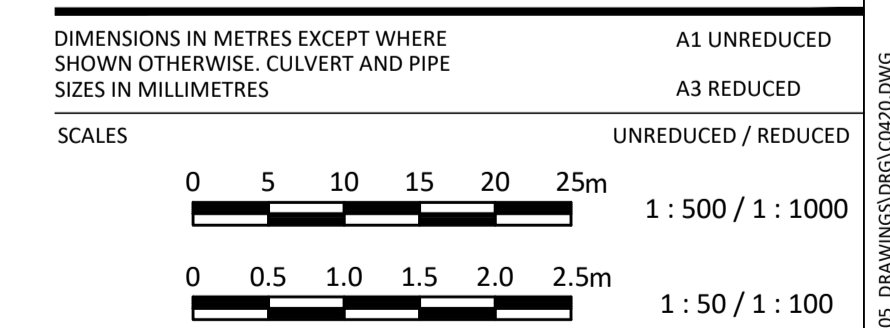
PROJECT No.	REVISION
16115	C
DRAWING No.	C0422

HORIZONTAL DATA
VERTICAL DATA
DATUM 87.00

EXISTING SURFACE LEVEL	CONTROL LINE FINISHED LEVEL	CONTROL LINE CHAINAGES
	93.526	0.000
92.803	92.803	11.986
92.728	92.728	13.204
92.589	92.589	14.884
92.479	92.479	14.928
92.341	92.341	17.590
92.168	92.168	20.000
92.161	92.161	20.176
92.267	92.267	20.635
92.260	92.259	20.784
91.870	91.870	22.389
91.559	91.559	24.623
91.282	91.282	32.355
91.261	91.050	40.000
91.203	91.020	40.990
90.818	90.735	49.814
90.596	90.596	55.890
90.444	90.444	60.000
90.137	90.137	70.000
89.846	89.846	80.000
89.659	89.659	90.000
89.635	89.635	91.907



LONGITUDINAL SECTIONS
SCALE 1:500 (HOR)
1:50 (VERT)



STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
C	07.02.19	RE-ISSUE	TK	ZW		
B	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR
A	15.10.18	BOUNDARY LONGITUDINAL SECTIONS	MW	BK		

ASSOCIATED CONSULTANTS
**WOODS BAGOT
EMF GRIFFITHS**

APPROVED
M. Ruzic
DATE 21.12.18

CHECKED
M. Ruzic
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

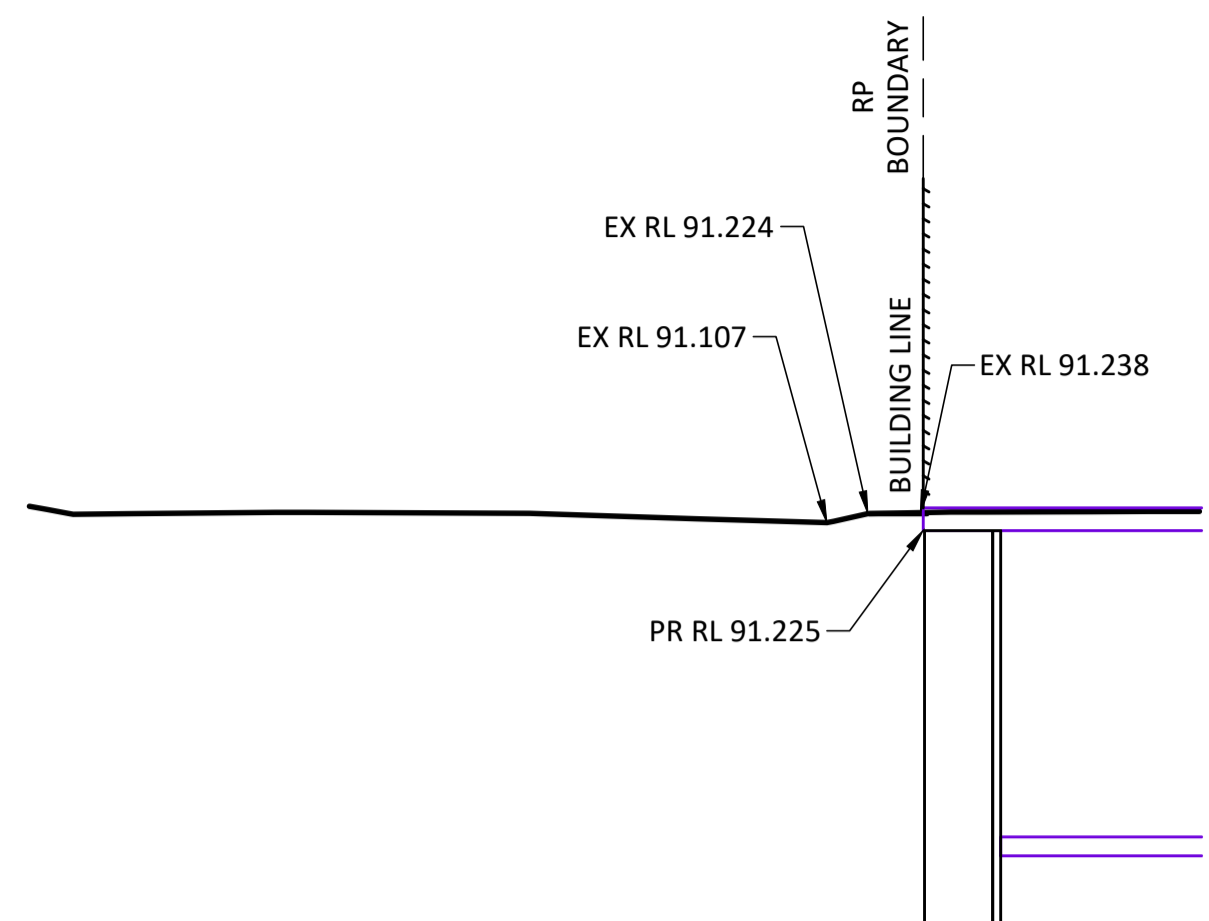
PROJECT
EPPING TOWER

SUBJECT
**SITWORKS RAWSON ST
LONGITUDINAL SECTION**

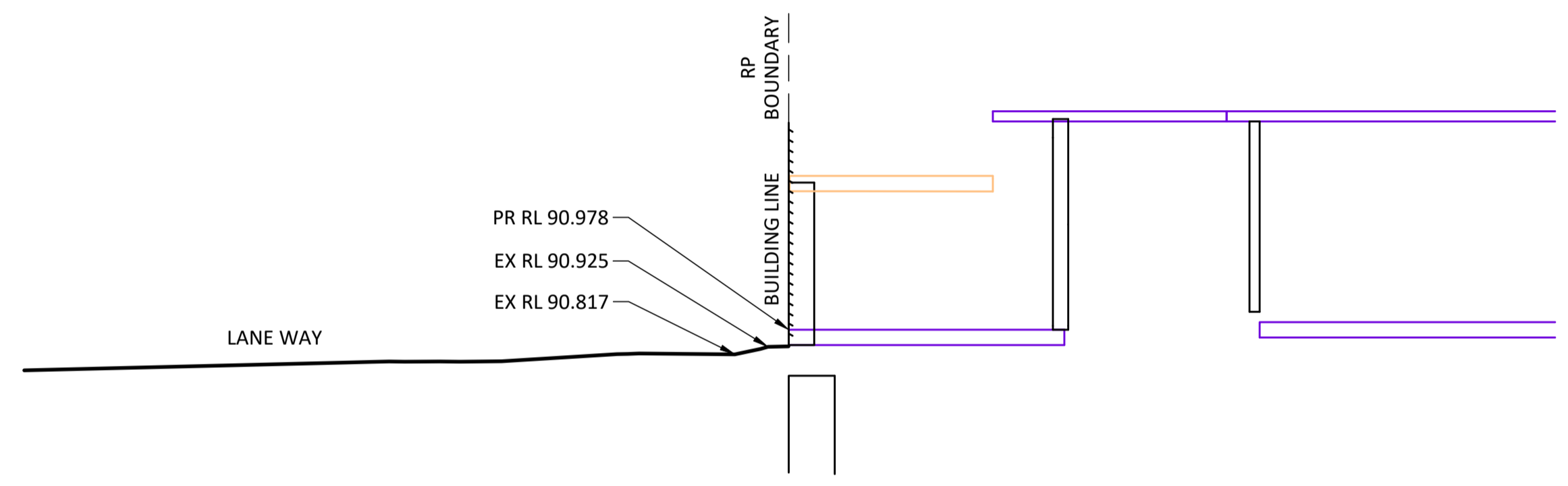
PROJECT No.
16115

DRAWING No. REVISION
C0423 C

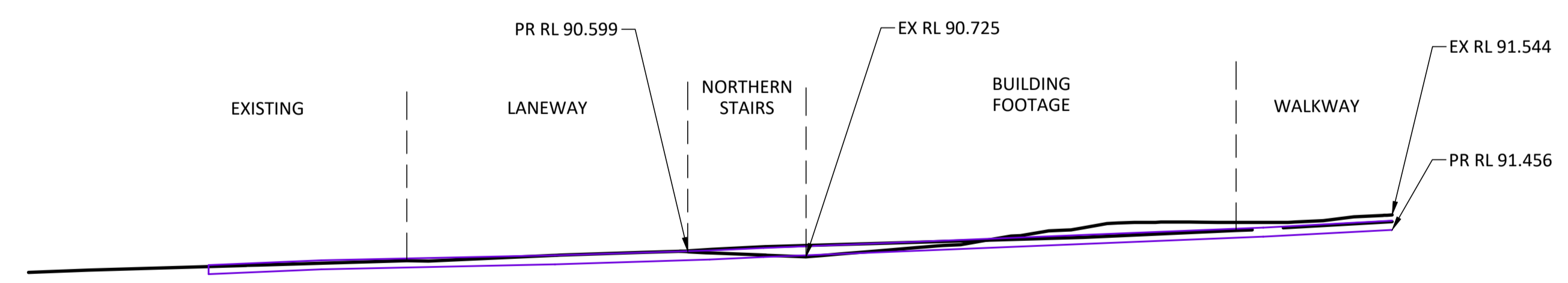
COPYRIGHT ID - This document is and shall remain the property of Bornhorst & Ward Pty. Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement. Unauthorised use of this document in any form whatsoever is prohibited.



CH 40.000
TO REMAIN AS PER EXISTING



CH 30.000



CH 20.000

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES
A1 UNREDUCED
A3 REDUCED
UNREDUCED / REDUCED
0 10 20 30 40 50m
1 : 1000 / 1 : 2000

STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	07.02.19	RE-ISSUE	TK	ZW		
A	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZWI	NR

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Razif
DATE 21.12.18
7729 RPEQ

CHECKED
M. Razif
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

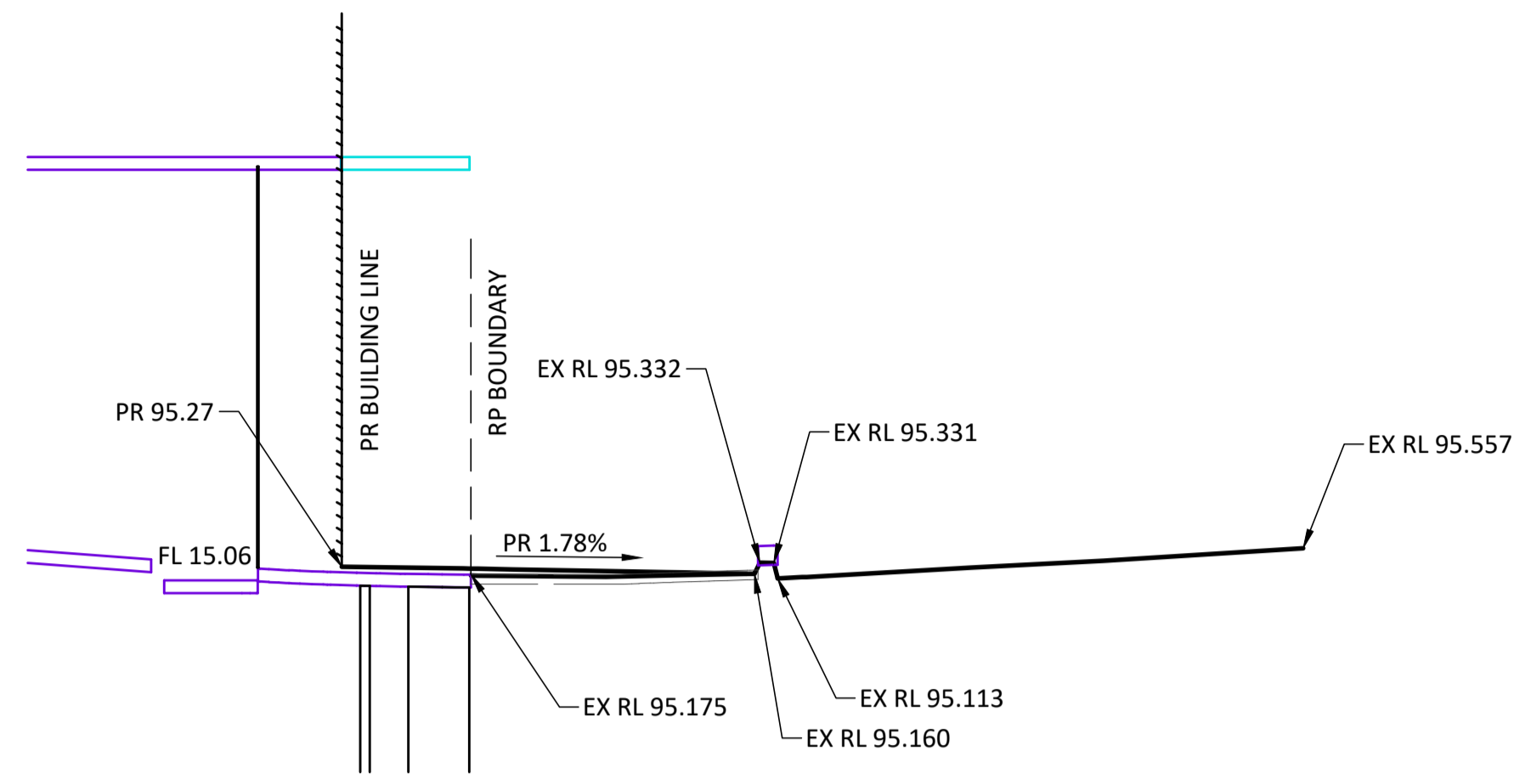
Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

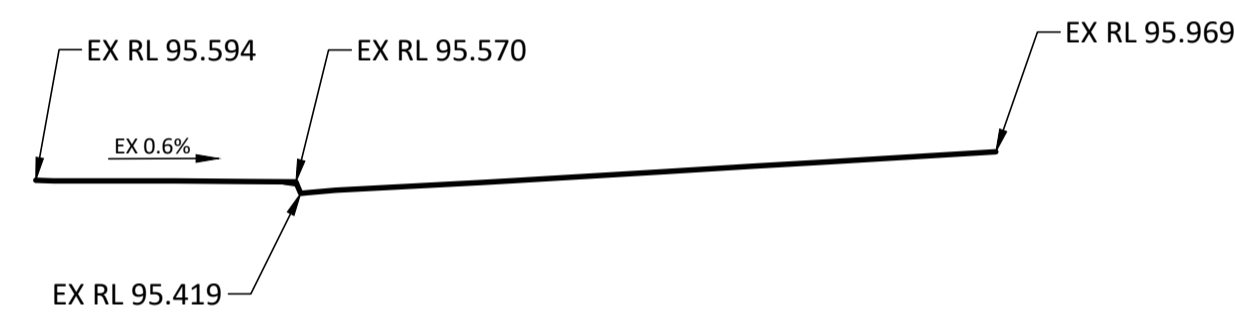
PROJECT
EPPING TOWER

SUBJECT
CROSS SECTION LANEWAY

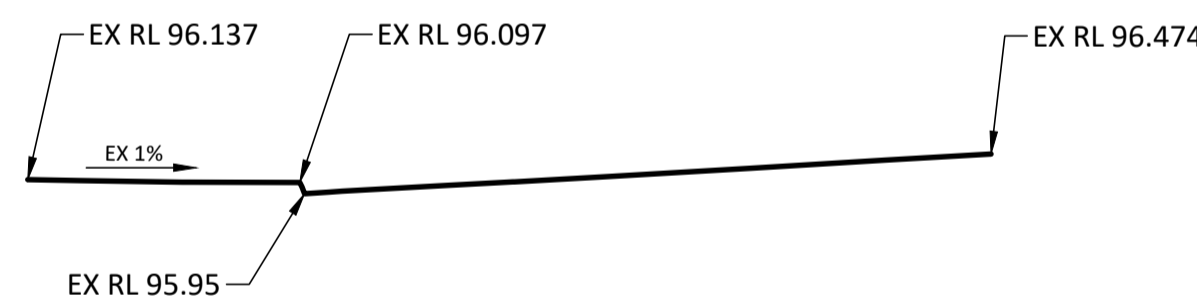
PROJECT No. **16115**
DRAWING No. **C0500**
REVISION **B**



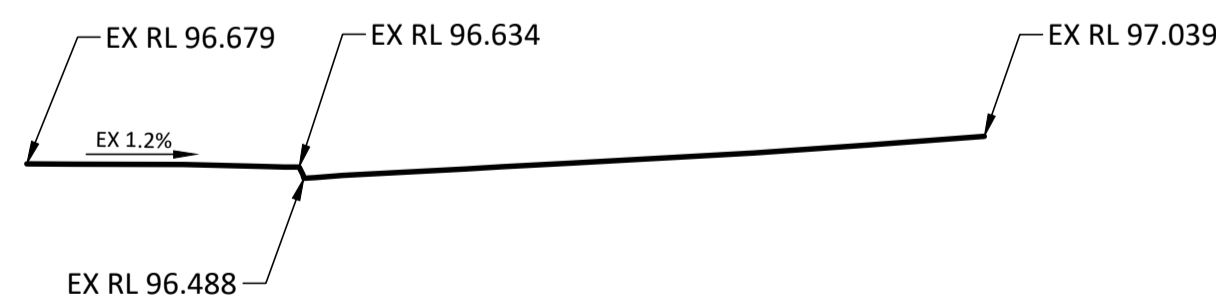
CH 30.00



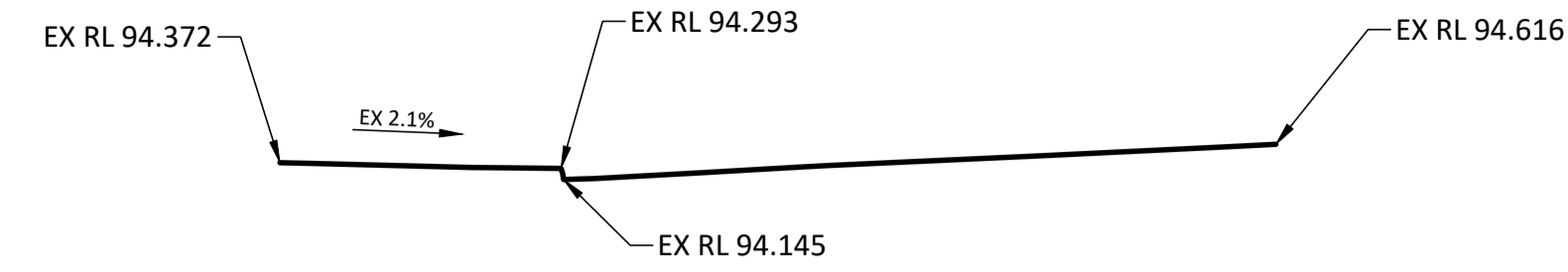
CH 20.00
TO REMAIN AS PER EXISTING



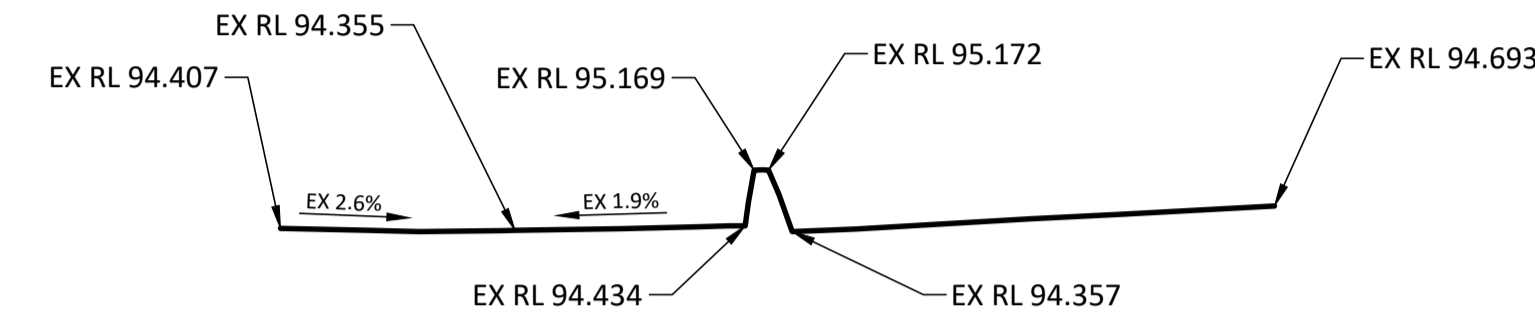
CH 10.00
TO REMAIN AS PER EXISTING



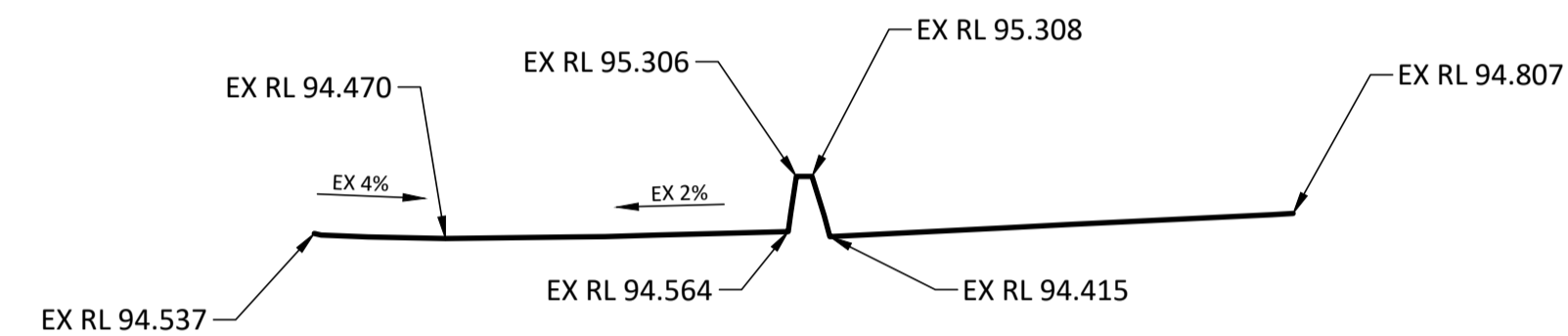
CH 0.00
TO REMAIN AS PER EXISTING



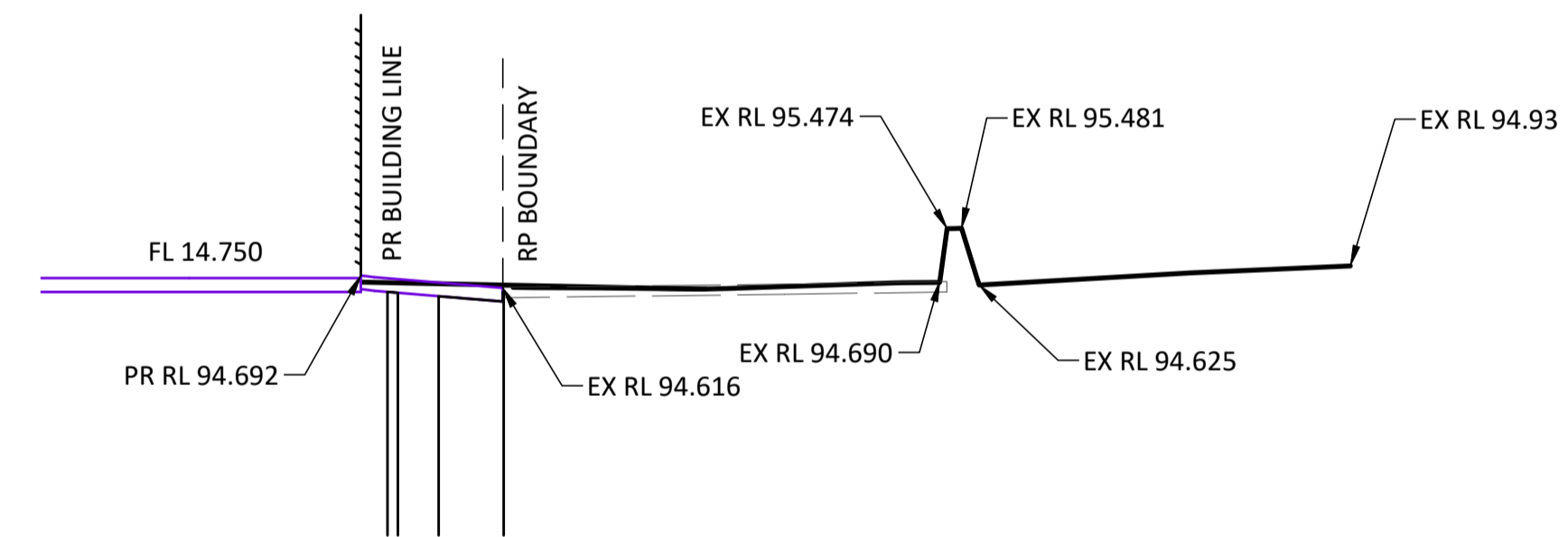
CH 80.00
TO REMAIN AS PER EXISTING



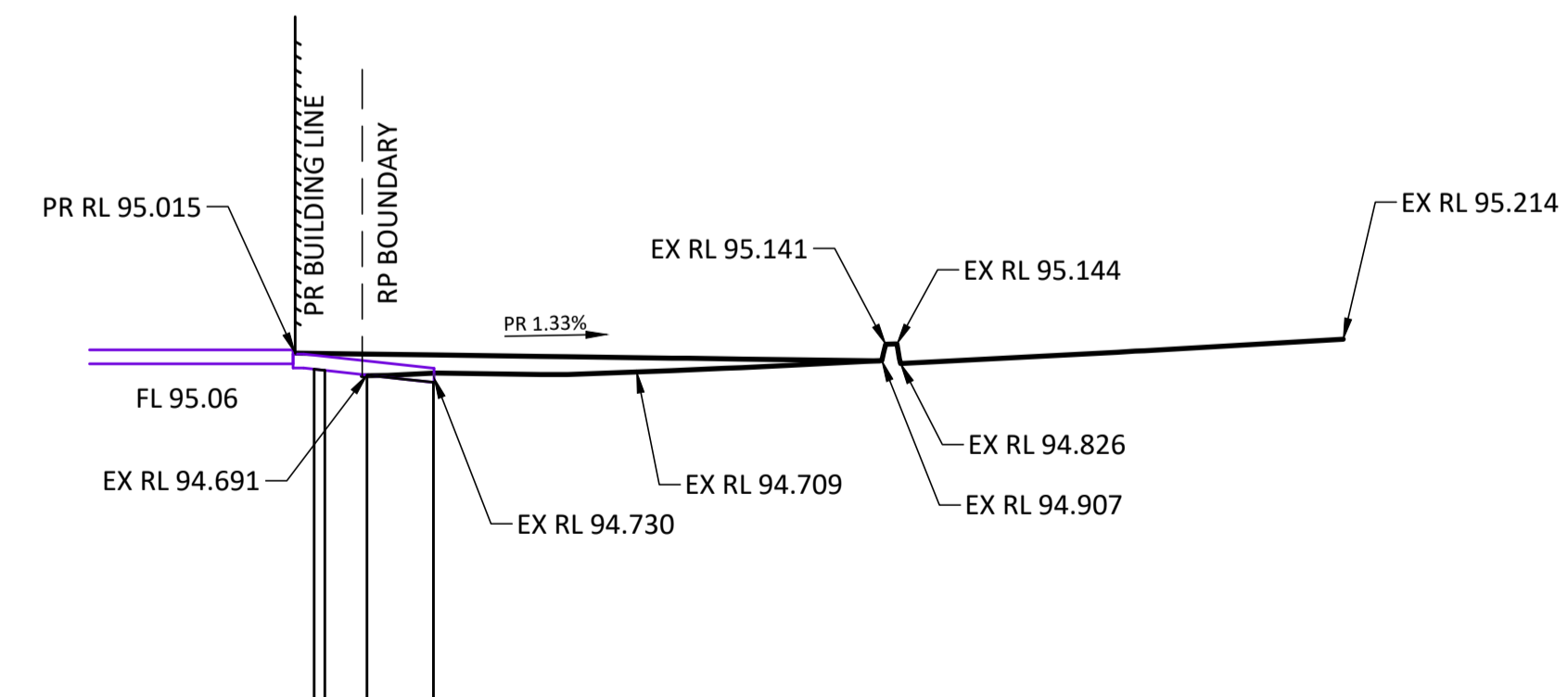
CH 70.00
TO REMAIN AS PER EXISTING



CH 60.00
TO REMAIN AS PER EXISTING



CH 50.00



CH 40.00

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES
 A1 UNREDUCED
 A3 REDUCED
 UNREDUCED / REDUCED
 0 10 20 30 40 50m
 1 : 1000 / 1 : 2000

STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	07.02.19	RE-ISSUE	TK	ZW		
A	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Razif
 DATE 21.12.18

CHECKED
M. Razif
 DATE 21.12.18

BORNHORST + WARD
 CONSULTING ENGINEERS
 CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
 Spring Hill, QLD 4000, Australia
 P. +61 (7) 3013 4699
 mail@bornhorstward.com.au
 www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

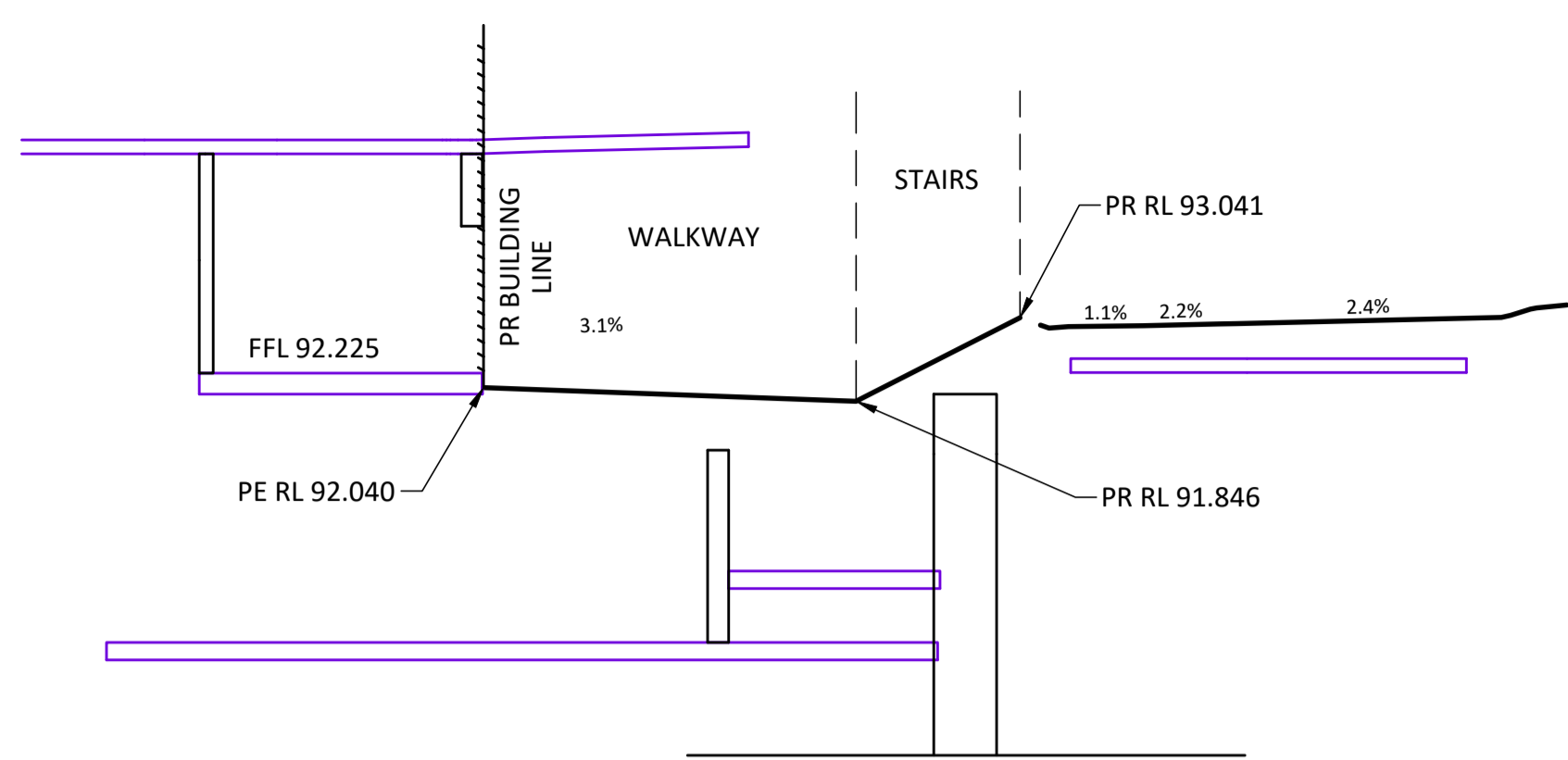
PROJECT
EPPING TOWER

SUBJECT
CROSS SECTION BEECROFT RD

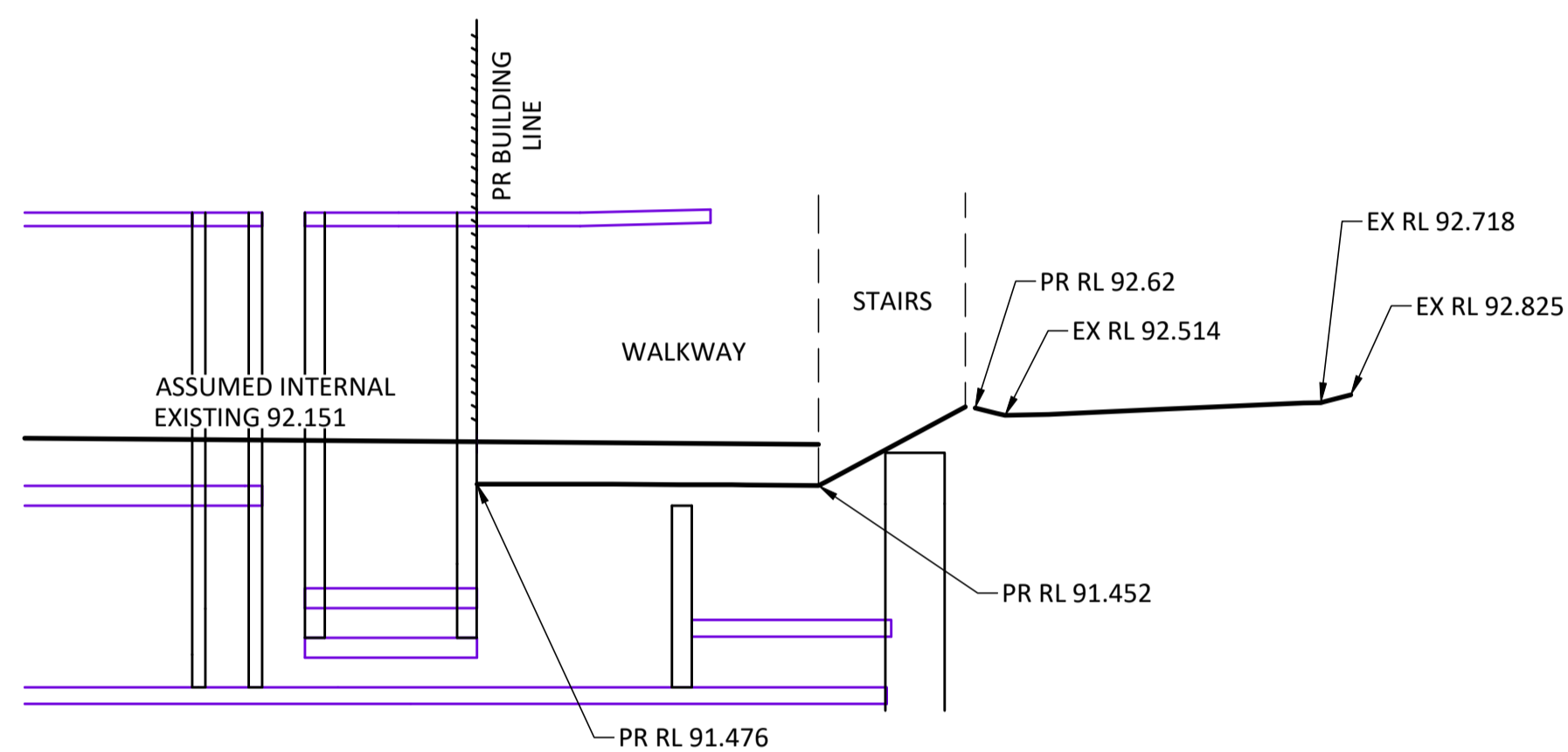
PROJECT No.
16115

DRAWING No.
C0501

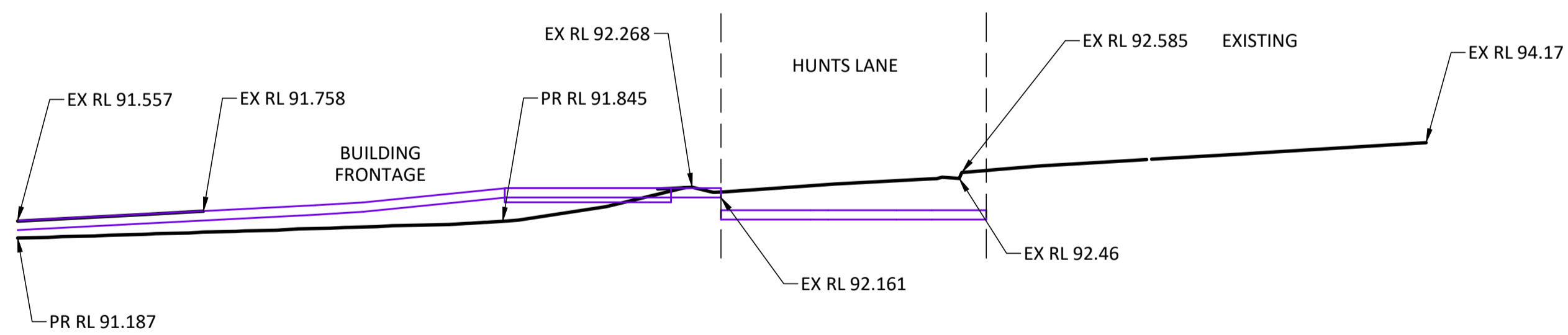
REVISION
B



CH 40.000



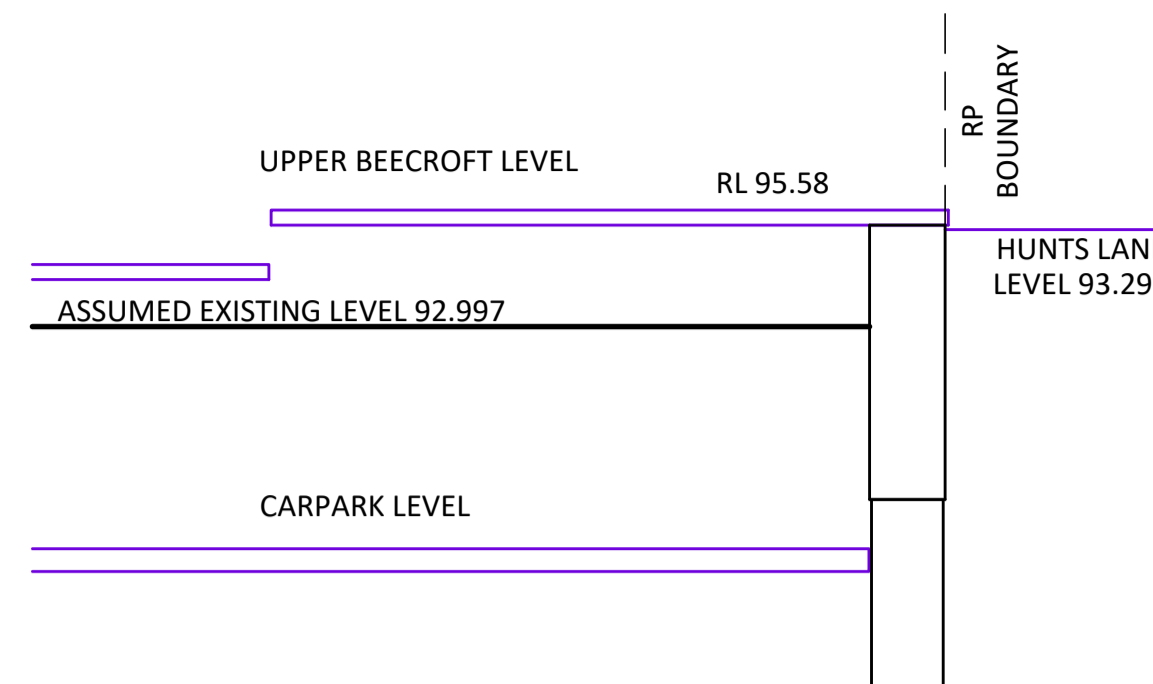
CH 30.000



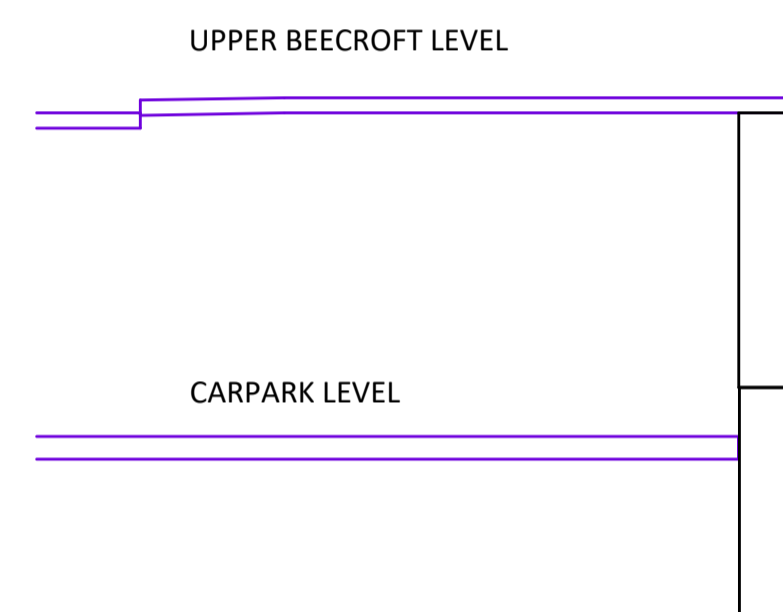
CH 20.000



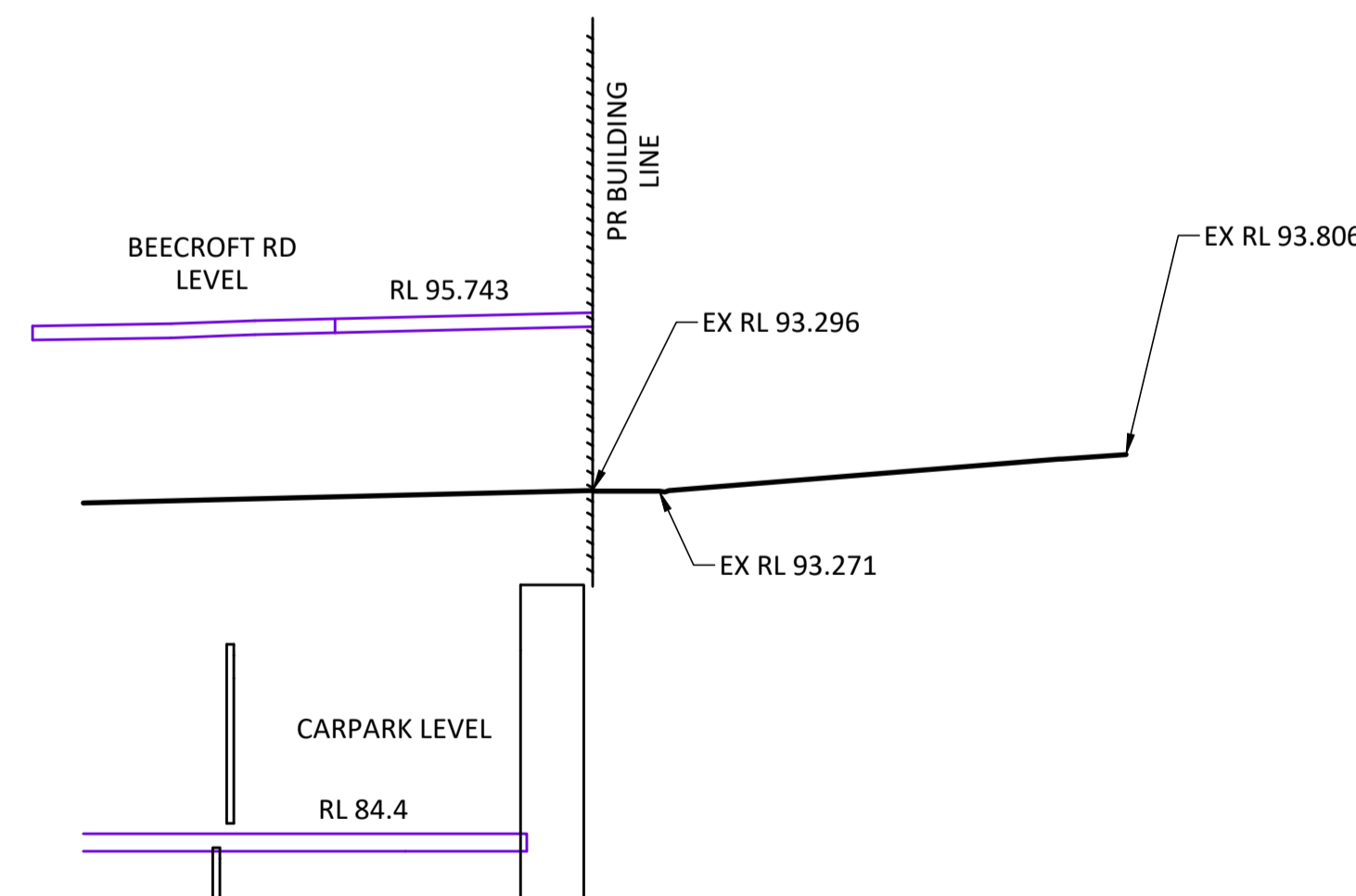
CH 10.000



CH 70.000



CH 60.000



CH 50.000

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED
A3 REDUCED

UNREDUCED / REDUCED

0 10 20 30 40 50m

1 : 1000 / 1 : 2000

STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	07.02.19	RE-ISSUE	TK	ZW		
A	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZW	NR

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Razif
DATE 21.12.18

CHECKED
M. Razif
DATE 21.12.18

BORNHORST + WARD
CONSULTING ENGINEERS
CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
Spring Hill, QLD 4000, Australia
P. +61 (7) 3013 4699
mail@bornhorstward.com.au
www.bornhorstward.com.au

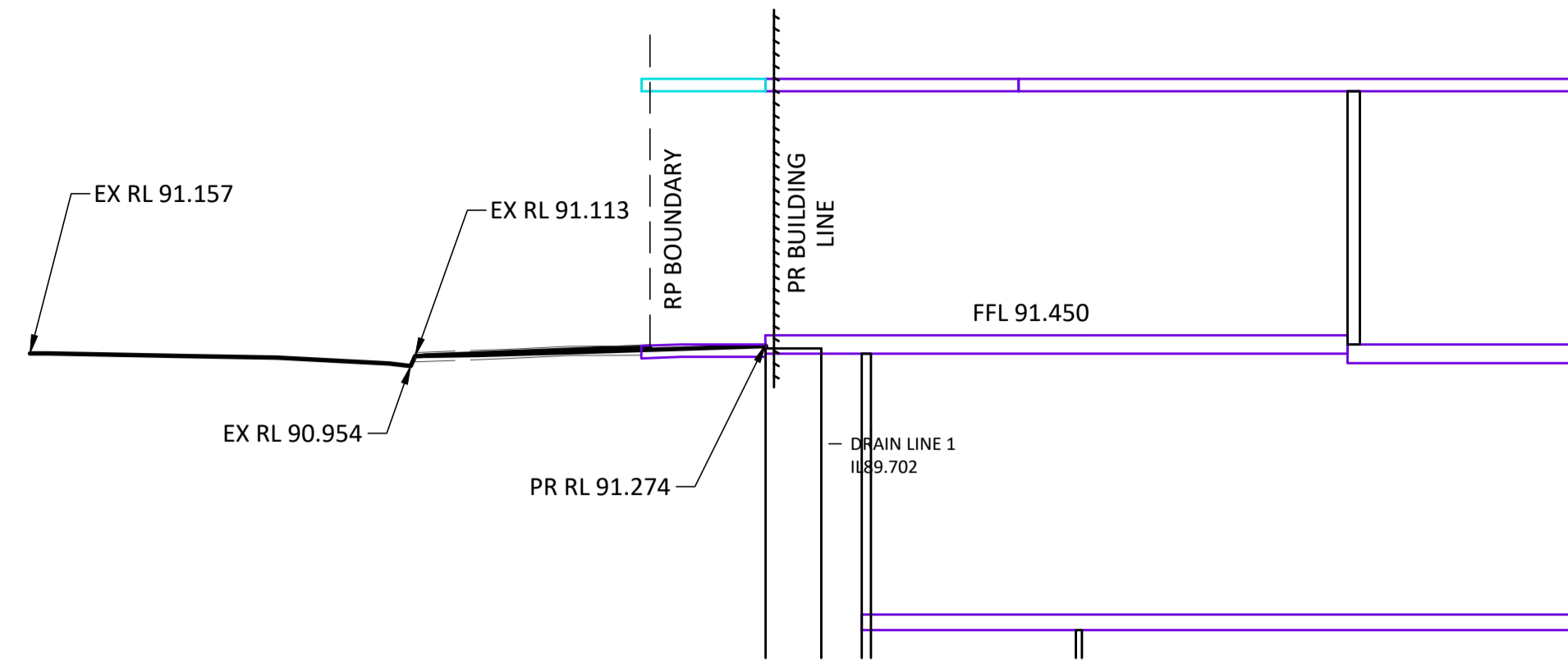
CLIENT
PDS AUSTRALIA PTY LTD

PROJECT
EPPING TOWER

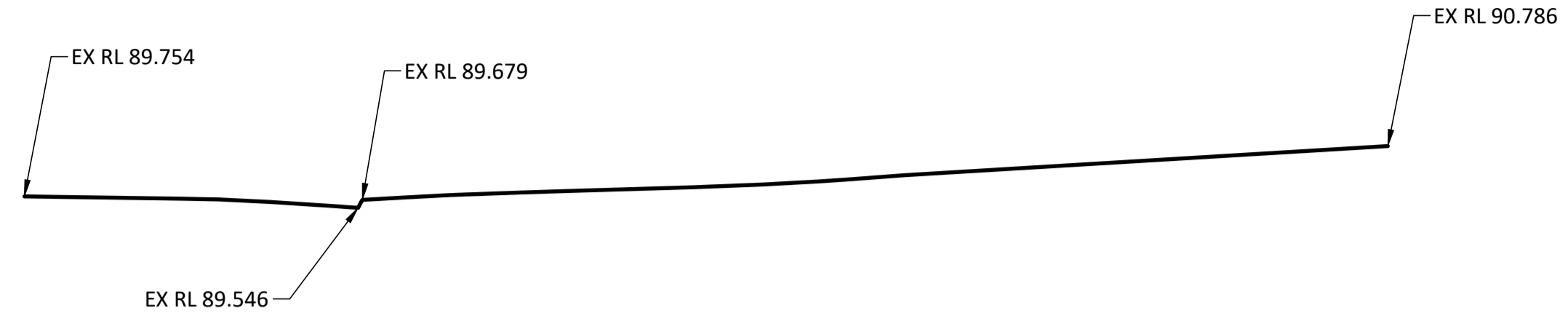
SUBJECT
CROSSECTION HUNTS LANE

PROJECT No.
16115

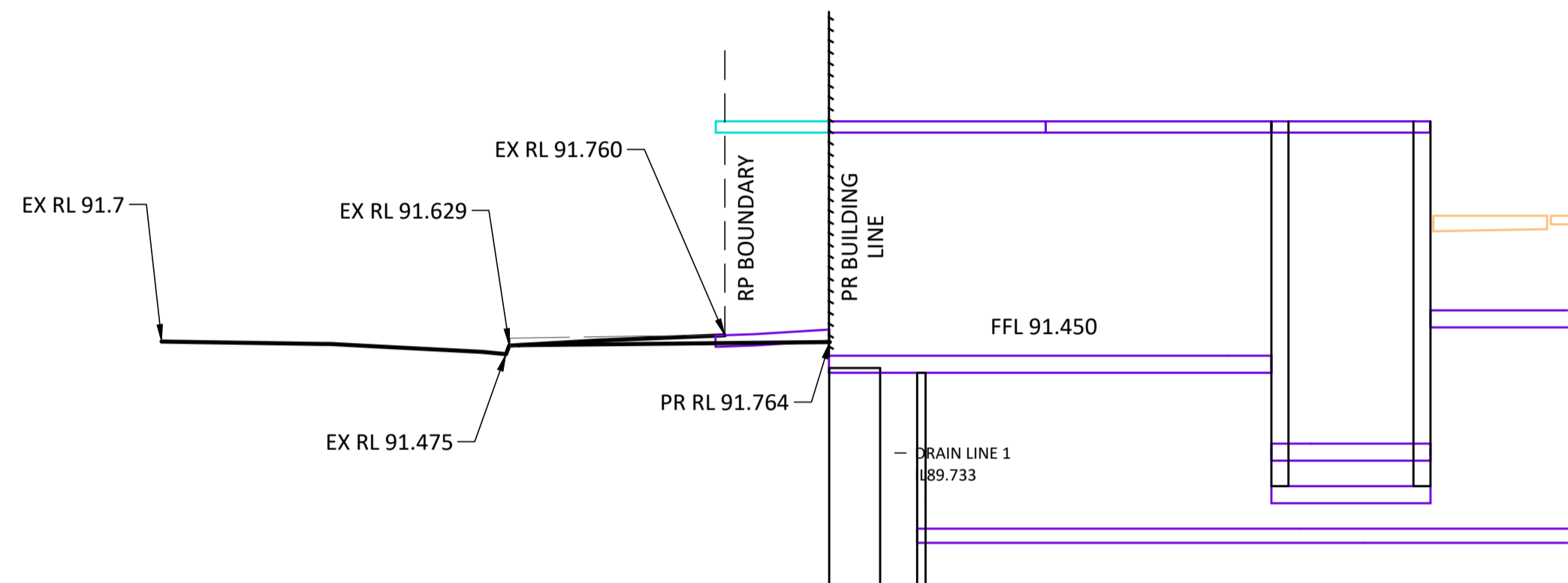
DRAWING No. REVISION
C0502 B



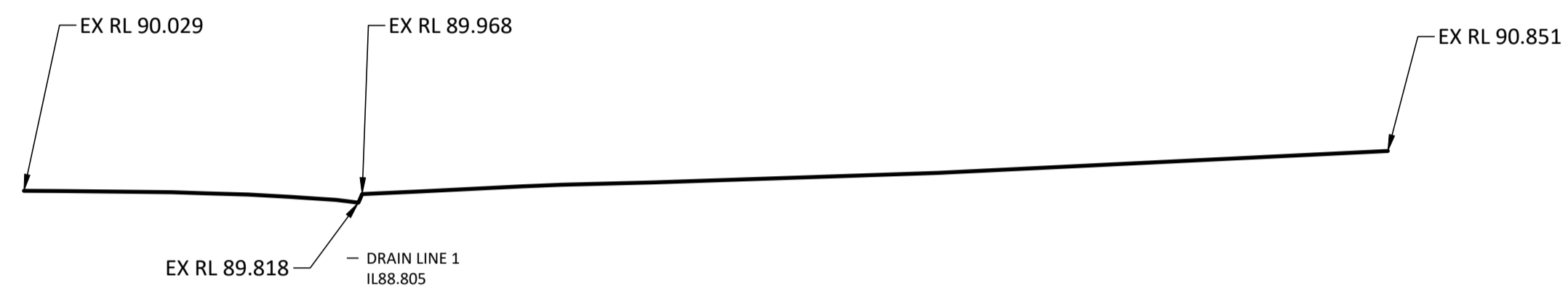
CH 40.000



CH 80.000
TO REMAIN AS PER EXISTING



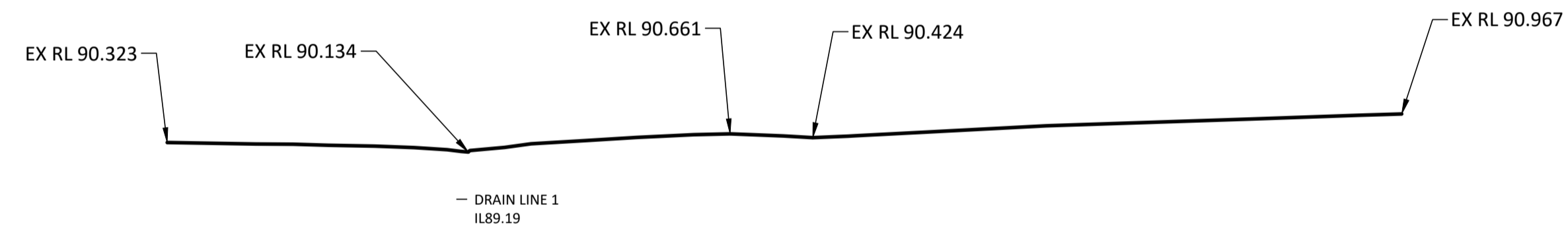
CH 30.000



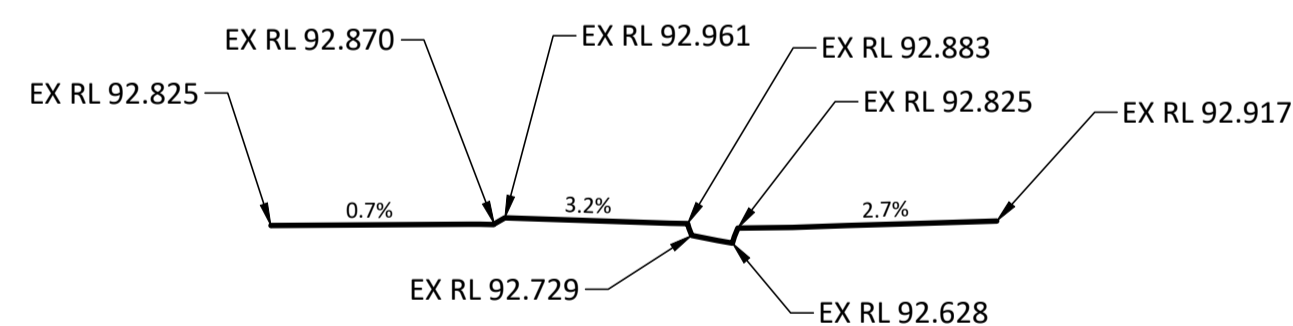
CH 70.000
TO REMAIN AS PER EXISTING



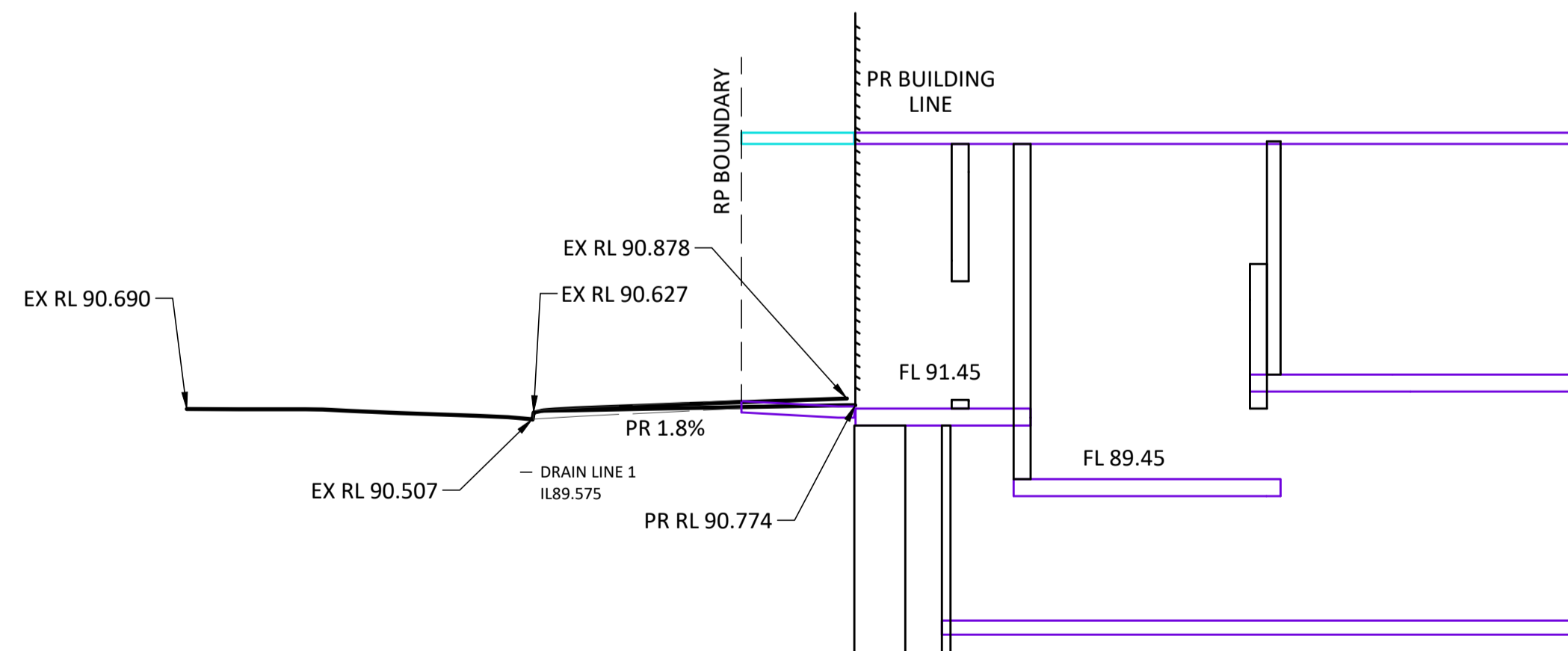
CH 20.000



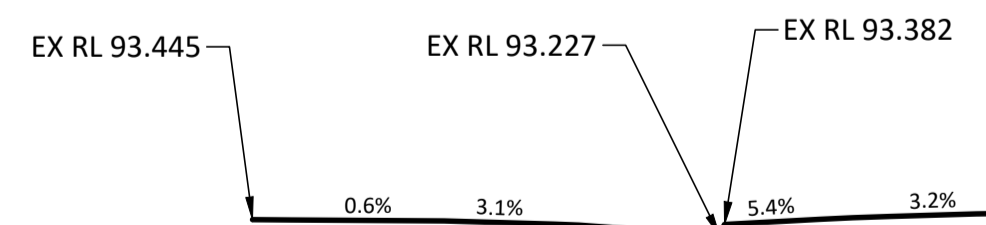
CH 60.000
TO REMAIN AS PER EXISTING



CH 10.000
TO REMAIN AS PER EXISTING



CH 50.000



CH 0.000
TO REMAIN AS PER EXISTING

DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES
 SCALES UNREDUCED / REDUCED
 0 10 20 30 40 50m 1:1000 / 1:2000

STATUS
FOR APPROVAL

REV	DATE	DESCRIPTION	DWN	DES	CHK	APP
B	07.02.19	RE-ISSUE	TK	ZW		
A	21.12.18	RESPONSE TO COUNCIL RFI	TK	MS	ZWI	NR

ASSOCIATED CONSULTANTS
WOODS BAGOT

APPROVED
M. Razif
 DATE 21.12.18

CHECKED
M. Razif
 DATE 21.12.18

BORNHORST + WARD
 CONSULTING ENGINEERS
 CIVIL AND STRUCTURAL

Level 4, 67 Astor Terrace
 Spring Hill, QLD 4000, Australia
 P. +61 (7) 3013 4699
 mail@bornhorstward.com.au
 www.bornhorstward.com.au

CLIENT
PDS AUSTRALIA PTY LTD

PROJECT
EPPING TOWER

SUBJECT
CROSSECTION RAWSON ST

PROJECT No. **16115**
 DRAWING No. **C0503** REVISION **B**

0 10 20 30 40 50 100 ORIGINAL SIZE A1