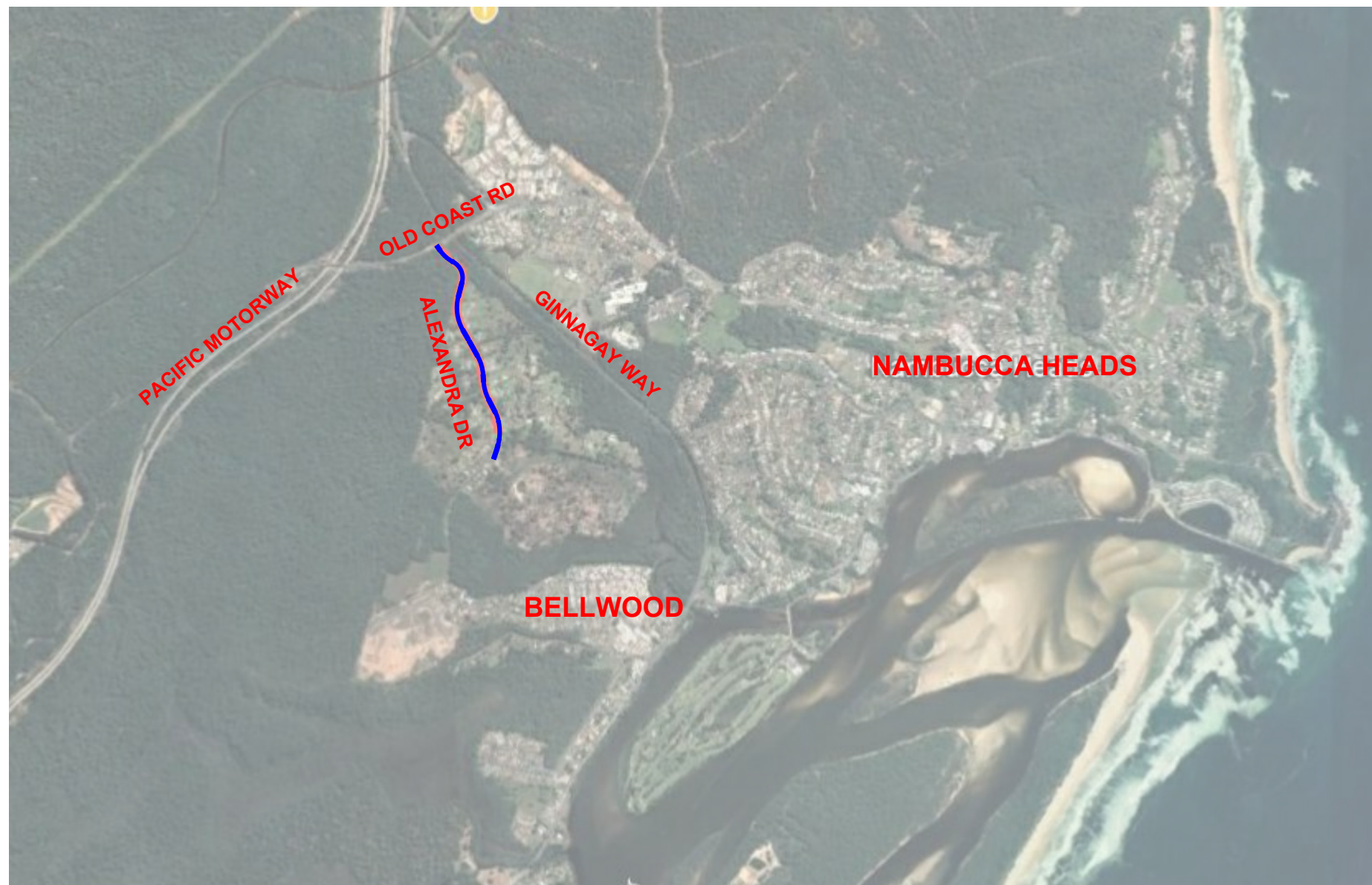


ROAD AND INTERSECTION UPGRADE ALEXANDRA DRIVE, BELLWOOD NAMBUCCA VALLEY COUNCIL



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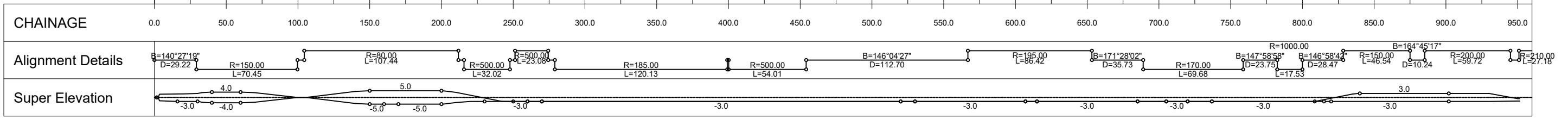
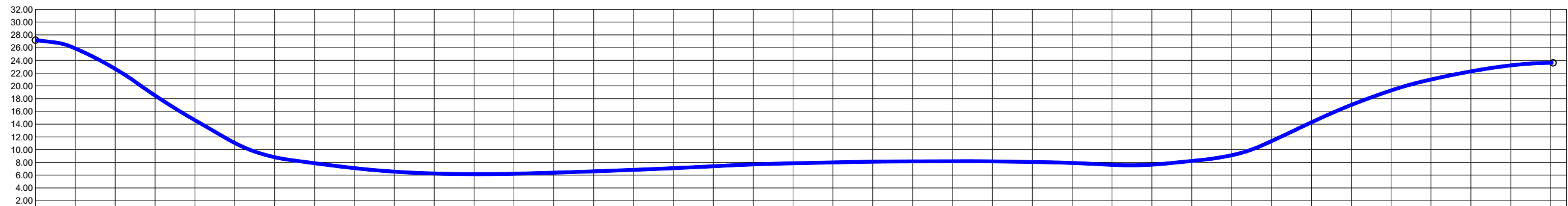
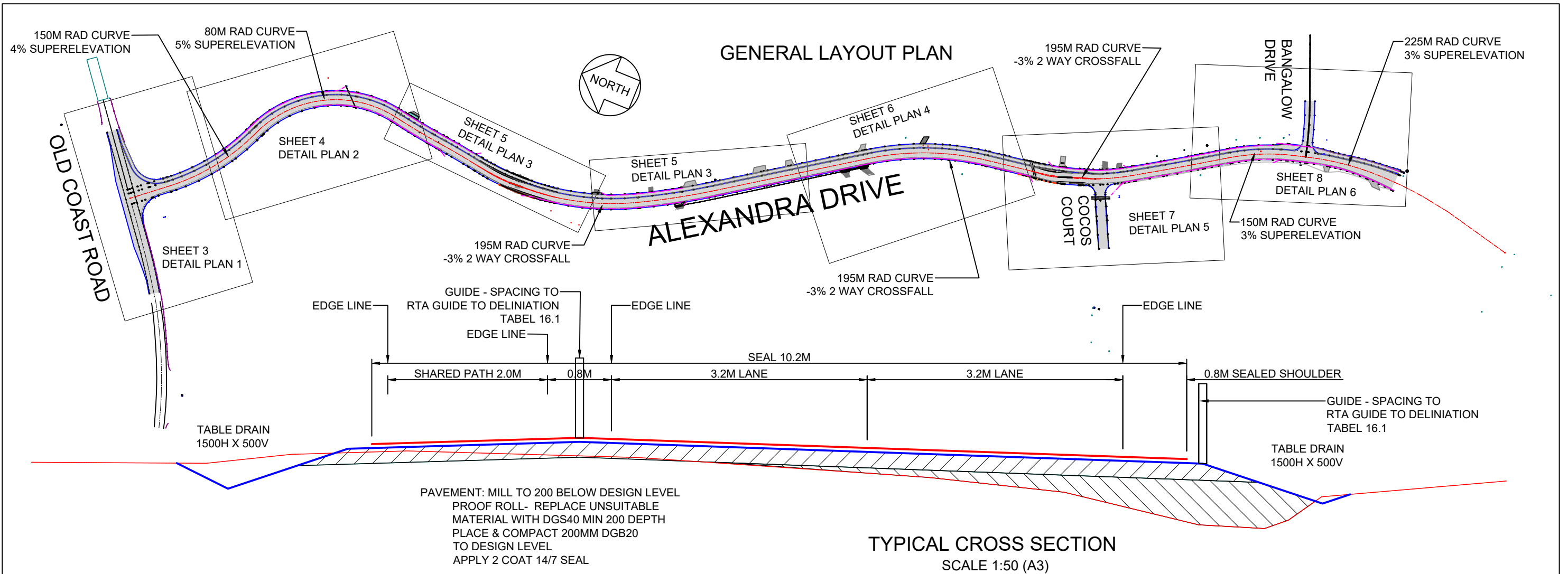
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D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

**HIGHLANDS DESIGN
& DRAFTING**

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ABN 38 736 450 419 EMAIL fowlers202@gmail.com



DRAWING TITLE , SHEET INDEX, LOCATION	REVISION E
PROJECT ROAD & INTERSECTION UPGRADE ALEXANDRA DRIVE, BELLWOOD NAMBUCCA VALLEY COUNCIL	Dwg No NVC 01.22
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Scale Horizontal 1:2000 Vertical 1:500
ALEXANDRA DRIVE PROFILE

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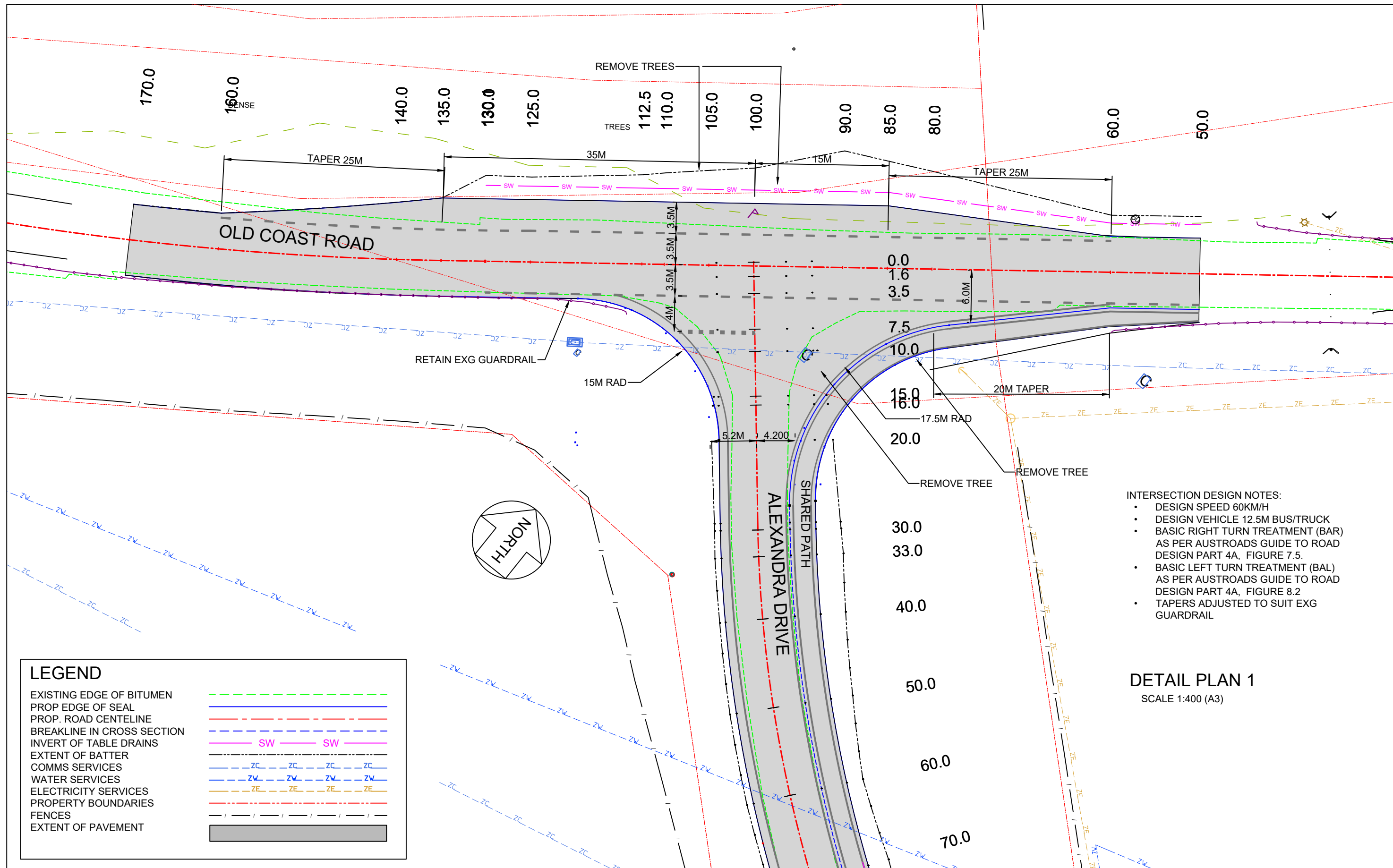
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DRAWING ALEXANDRA DR - ROAD PROFILE

PROJECT ROAD & INTERSECTION UPGRADE
 ALEXANDRA DRIVE, BELLWOOD
 NAMBUCCA VALLEY COUNCIL

REVISION E
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- INTERSECTION DESIGN NOTES:**
- DESIGN SPEED 60KM/H
 - DESIGN VEHICLE 12.5M BUS/TRUCK
 - BASIC RIGHT TURN TREATMENT (BAR) AS PER AUSTRROADS GUIDE TO ROAD DESIGN PART 4A, FIGURE 7.5.
 - BASIC LEFT TURN TREATMENT (BAL) AS PER AUSTRROADS GUIDE TO ROAD DESIGN PART 4A, FIGURE 8.2
 - TAPERS ADJUSTED TO SUIT EXG GUARDRAIL

DETAIL PLAN 1
SCALE 1:400 (A3)

LEGEND	
EXISTING EDGE OF BITUMEN	--- (green dashed)
PROP EDGE OF SEAL	— (blue solid)
PROP. ROAD CENTELINE	--- (red dashed)
BREAKLINE IN CROSS SECTION	--- (blue dashed)
INVERT OF TABLE DRAINS	— (magenta solid)
EXTENT OF BATTER	--- (black dashed)
COMMS SERVICES	--- (blue dashed)
WATER SERVICES	--- (blue dashed)
ELECTRICITY SERVICES	--- (orange dashed)
PROPERTY BOUNDARIES	--- (red dashed)
FENCES	--- (black dashed)
EXTENT OF PAVEMENT	█ (grey solid)

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A	OCT 22	PRELIMINARY DESIGN

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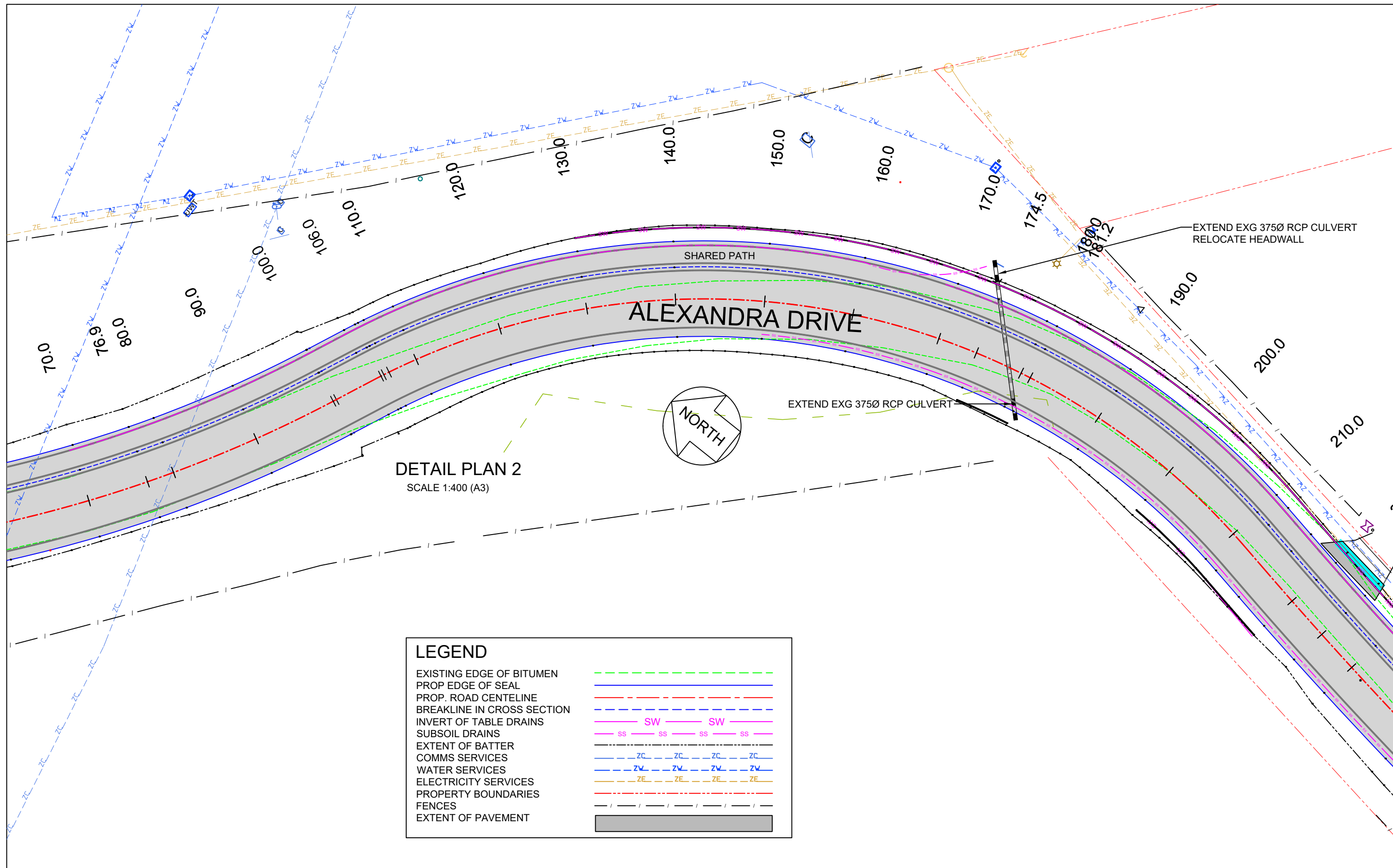
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DRAWING DETAIL PLAN 1

PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

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A	OCT 22	PRELIMINARY DESIGN

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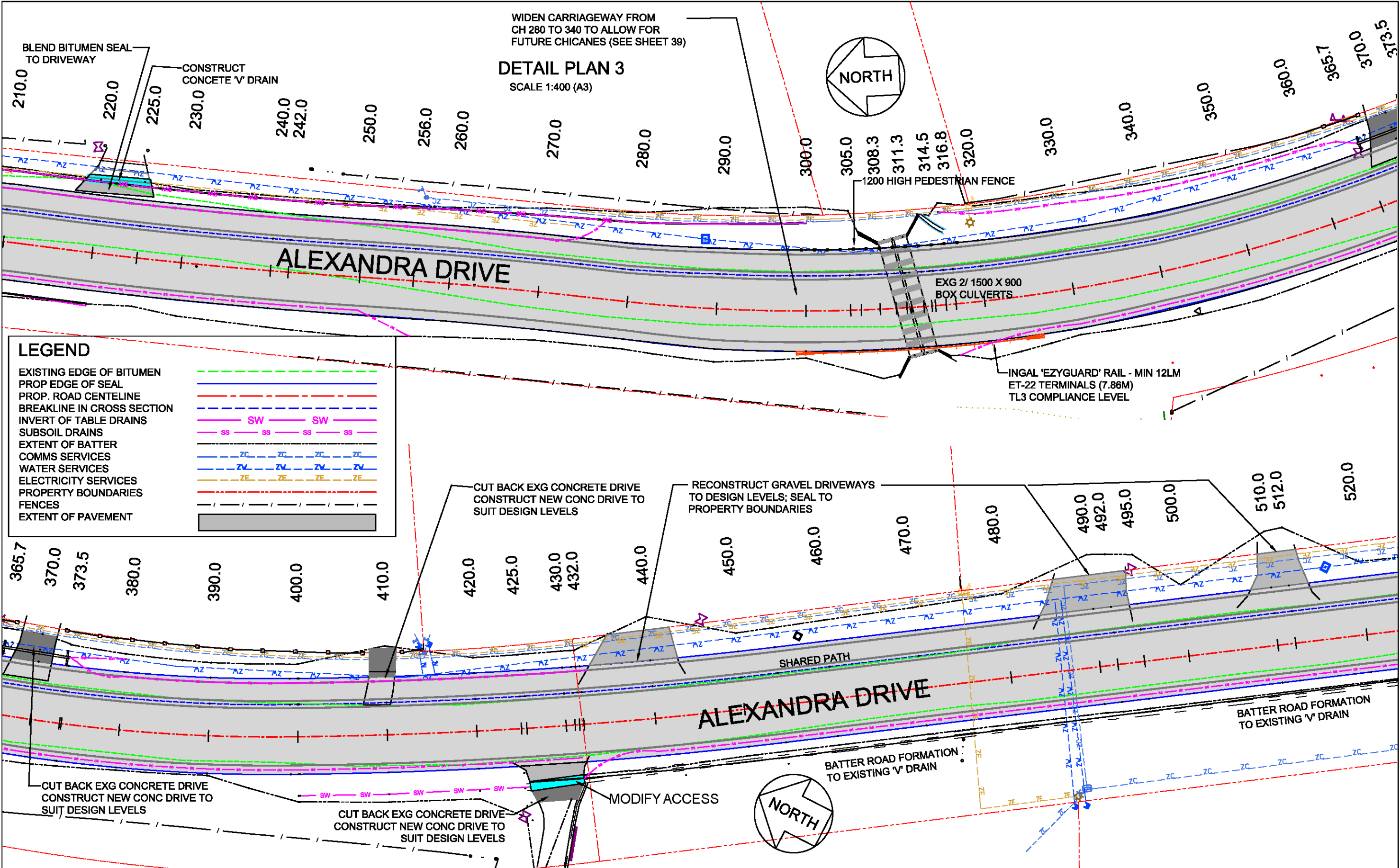
DRAWING DETAIL PLAN 2

PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

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WIDEN CARRIAGEWAY FROM CH 280 TO 340 TO ALLOW FOR FUTURE CHICANES (SEE SHEET 39)

DETAIL PLAN 3
SCALE 1:400 (A3)



LEGEND

EXISTING EDGE OF BITUMEN	--- (dashed green)
PROP EDGE OF SEAL	--- (dashed blue)
PROP. ROAD CENTELINE	--- (dashed red)
BREAKLINE IN CROSS SECTION	--- (dashed black)
INVERT OF TABLE DRAINS	--- (dashed purple)
SUBSOIL DRAINS	--- (dashed pink)
EXTENT OF BATTER	--- (dashed orange)
COMMS SERVICES	--- (dashed light blue)
WATER SERVICES	--- (dashed light green)
ELECTRICITY SERVICES	--- (dashed light yellow)
PROPERTY BOUNDARIES	--- (dashed light purple)
FENCES	--- (dashed light blue)
EXTENT OF PAVEMENT	--- (dashed light green)

REVISION	DATE	DESCRIPTION
E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN

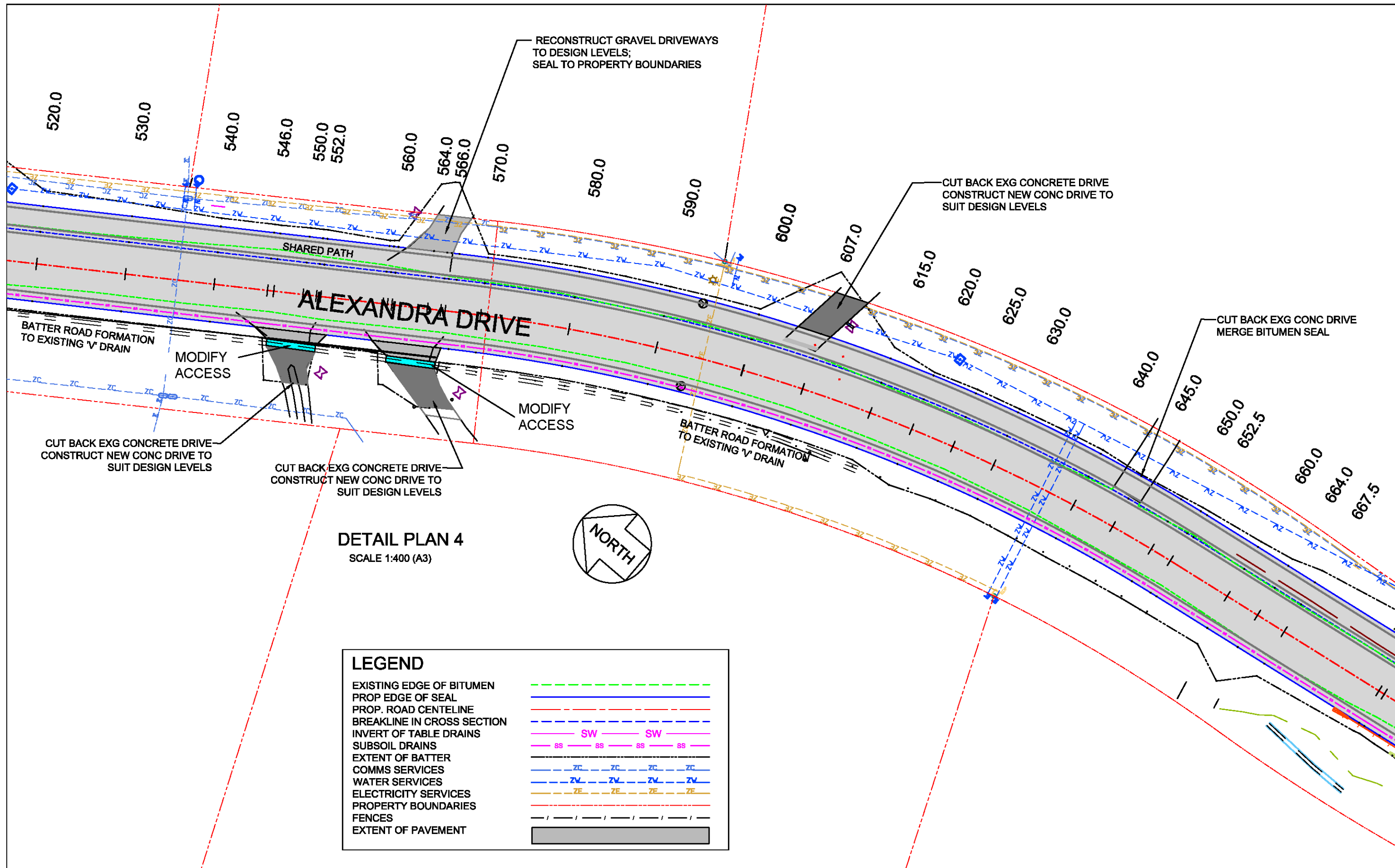
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DRAWING DETAIL PLAN 3

PROJECT ROAD & INTERSECTION UPGRADE
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DETAIL PLAN 4
SCALE 1:400 (A3)

LEGEND	
EXISTING EDGE OF BITUMEN	
PROP. EDGE OF SEAL	
PROP. ROAD CENTELINE	
BREAKLINE IN CROSS SECTION	
INVERT OF TABLE DRAINS	
SUBSOIL DRAINS	
EXTENT OF BATTER	
COMMS SERVICES	
WATER SERVICES	
ELECTRICITY SERVICES	
PROPERTY BOUNDARIES	
FENCES	
EXTENT OF PAVEMENT	

REVISION	DATE	DESCRIPTION
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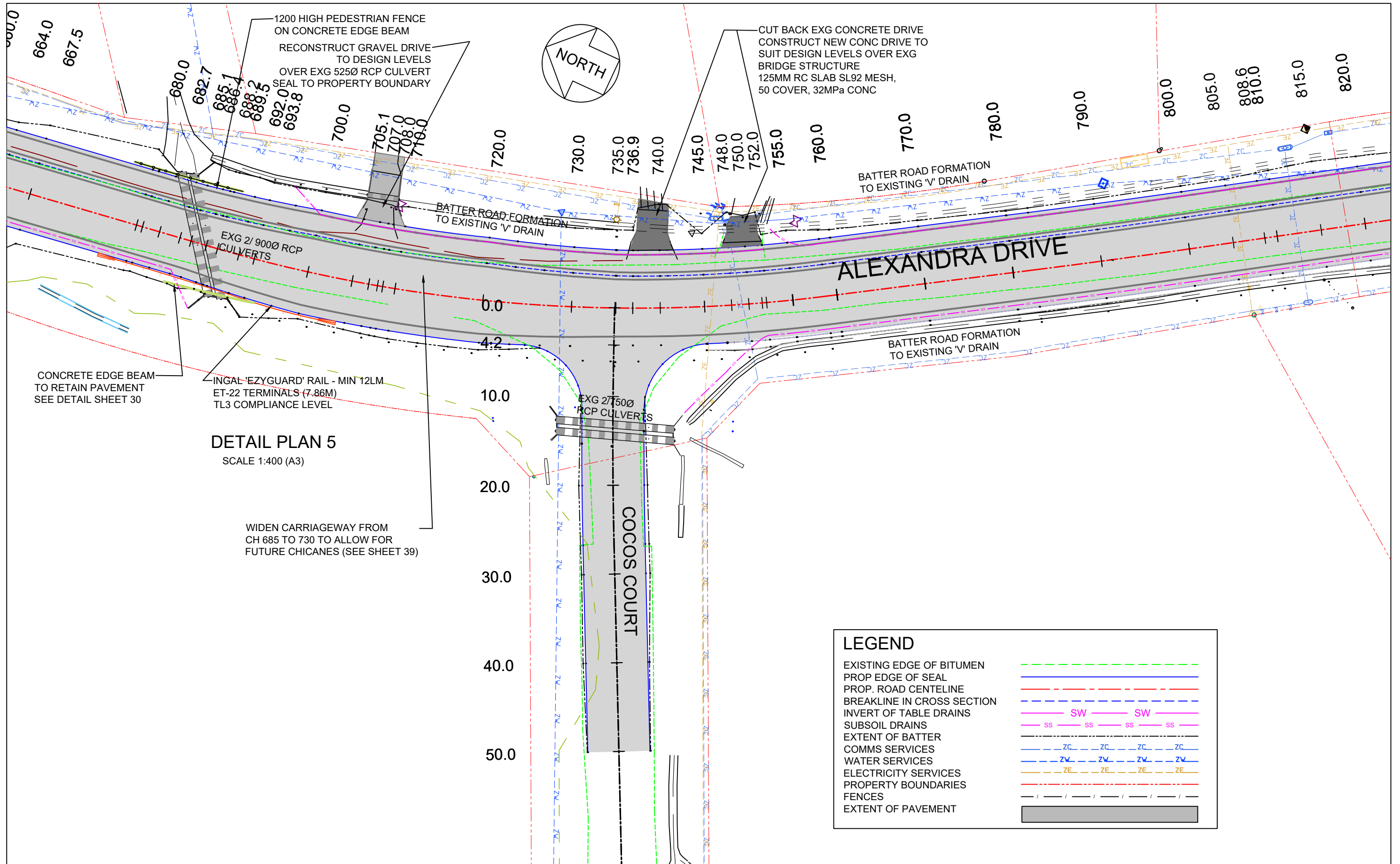


DRAWING DETAIL PLAN 4

**PROJECT ROAD & INTERSECTION UPGRADE
 ALEXANDRA DRIVE, BELLWOOD
 NAMBUCCA VALLEY COUNCIL**

REVISION E

**Dwg No NVC 01.22
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DETAIL PLAN 5
SCALE 1:400 (A3)

LEGEND	
EXISTING EDGE OF BITUMEN	--- (dashed green line)
PROP. EDGE OF SEAL	--- (dashed blue line)
PROP. ROAD CENTELINE	--- (dashed red line)
BREAKLINE IN CROSS SECTION	--- (dashed purple line)
INVERT OF TABLE DRAINS	--- (dashed pink line)
SUBSOIL DRAINS	--- (dashed magenta line)
EXTENT OF BATTER	--- (dashed cyan line)
COMMS SERVICES	--- (dashed blue line)
WATER SERVICES	--- (dashed blue line)
ELECTRICITY SERVICES	--- (dashed yellow line)
PROPERTY BOUNDARIES	--- (dashed red line)
FENCES	--- (dashed black line)
EXTENT OF PAVEMENT	█ (grey shaded area)

REVISION	DATE	DESCRIPTION
E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN

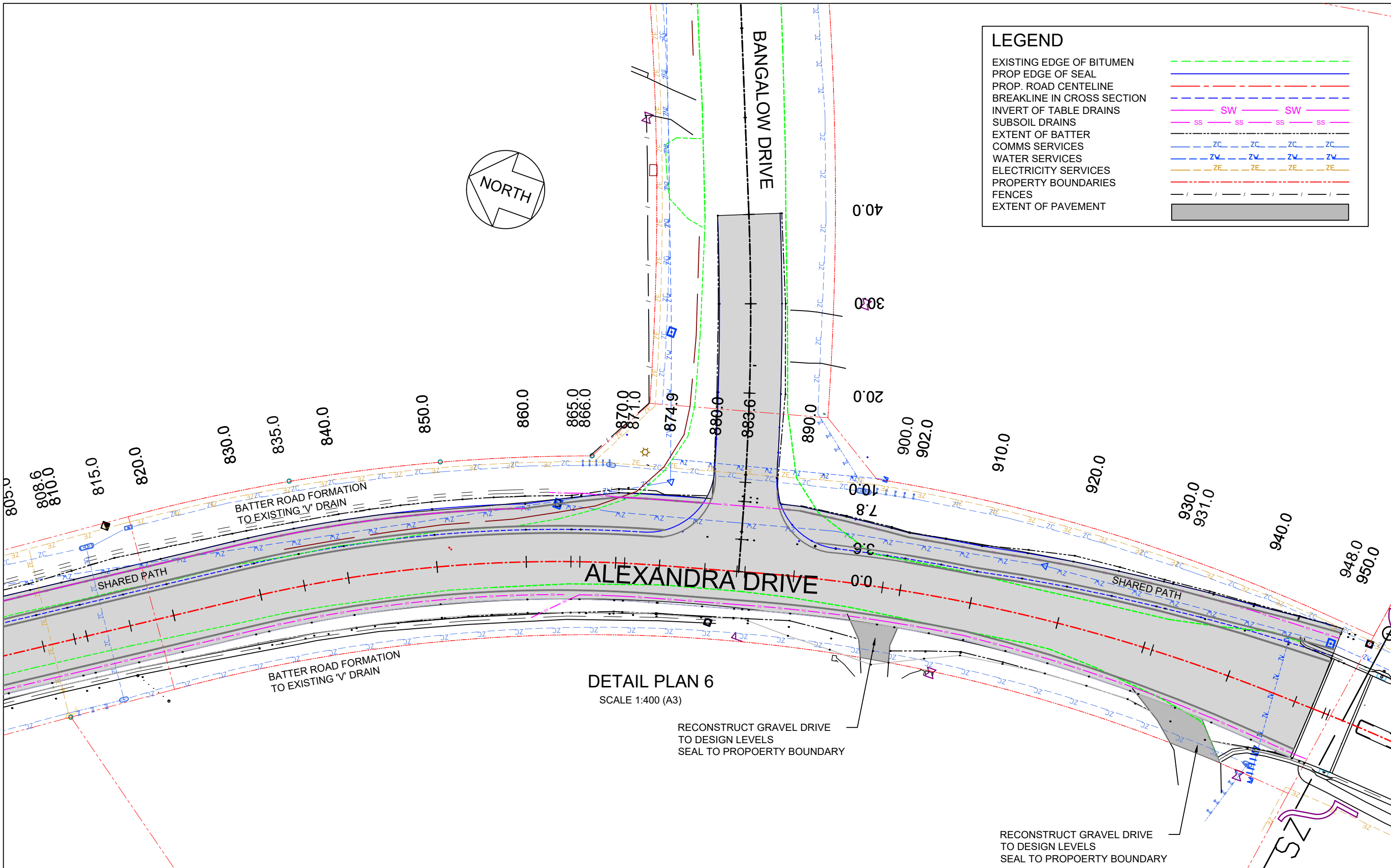
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DRAWING DETAIL PLAN 5
PROJECT ROAD & INTERSECTION UPGRADE
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REVISION	DATE	DESCRIPTION
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D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN

HIGHLANDS DESIGN & DRAFTING

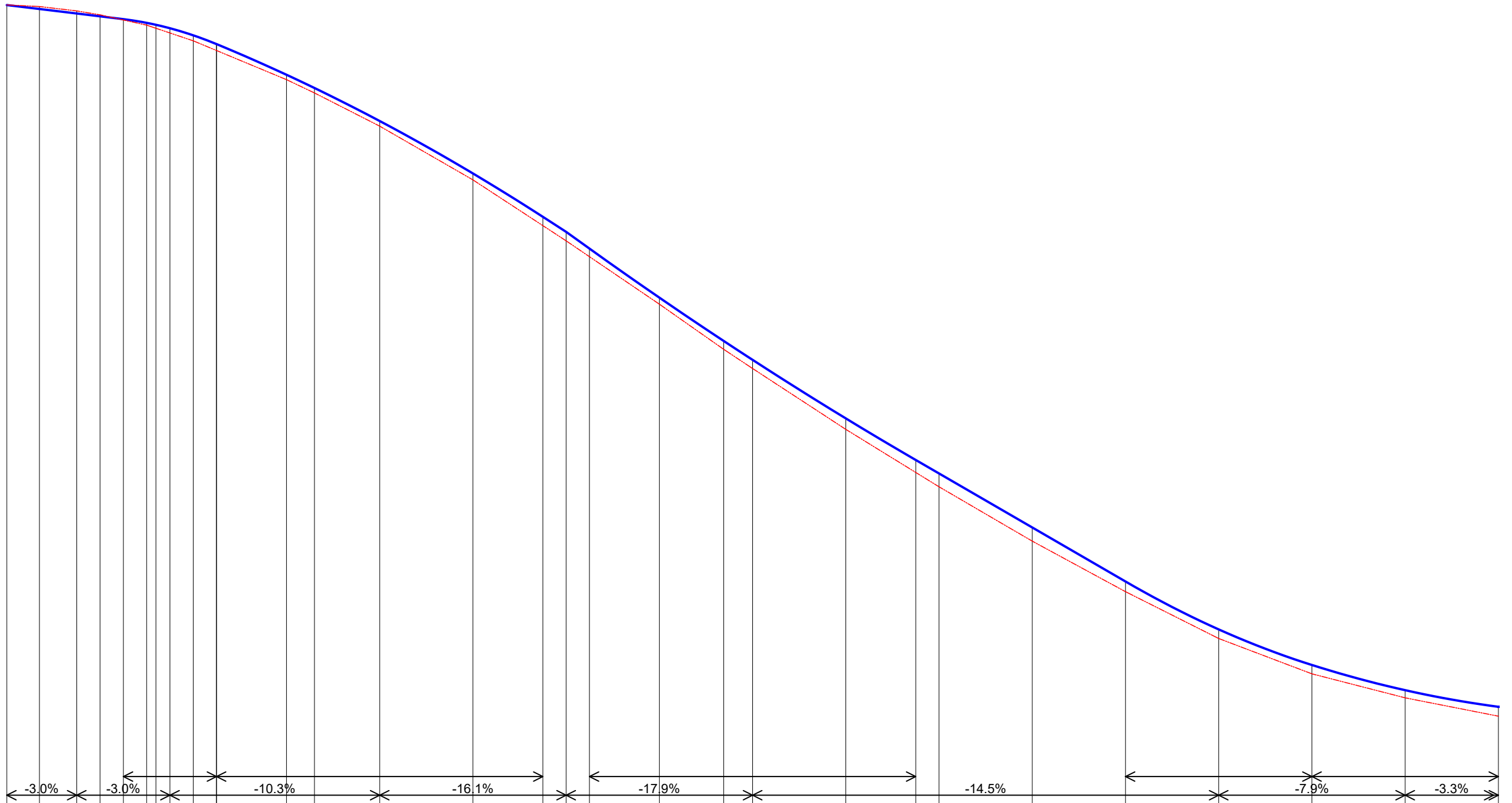
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DRAWING DETAIL PLAN 6

PROJECT ROAD & INTERSECTION UPGRADE
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Dwg No NVC 01.22
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CUT/FILL	DESIGN	NATURAL	CHAINAGE
-0.004C	27.180	27.183	0.0
-0.066C	27.075	27.140	3.5
-0.068C	26.955	27.023	7.5
-0.040C	26.879	26.918	10.0
	26.802		12.5
+0.062F	26.703	26.642	15.0
+0.094F	26.651	26.557	16.0
	26.559		17.5
+0.148F	26.369	26.221	20.0
	26.134		22.5
	26.133		22.5
			30.0
+0.131F	25.312	25.181	30.0
+0.132F	24.957	24.825	33.0
			40.0
+0.138F	24.072	23.934	40.0
			50.0
+0.172F	22.666	22.494	50.0
			57.5
+0.240F	21.503	20.860	57.5
	21.100		60.0
	20.652		62.5
+0.175F	19.337	19.162	70.0
+0.224F	18.176	17.952	76.9
+0.232F	17.670	17.438	80.0
			90.0
+0.293F	16.099	15.806	90.0
			97.5
+0.357F	14.986	14.267	97.5
	14.624		100.0
			110.0
+0.366F	13.176	12.810	110.0
			120.0
+0.272F	11.728	11.456	120.0
			130.0
+0.244F	10.444	10.200	130.0
			140.0
+0.237F	9.490	9.253	140.0
			150.0
+0.205F	8.815	8.610	150.0
			160.0
+0.252F	8.370	8.118	160.0

Scale Horizontal 1:500 Vertical 1:125

ALEXANDRA DR LONGSECTION CH 00 TO CH 160

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
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A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

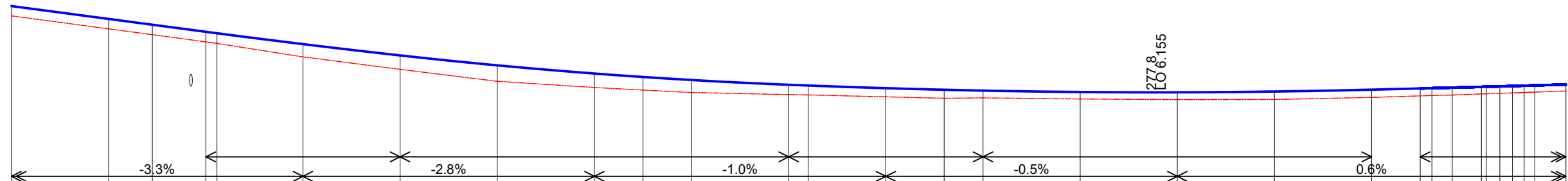
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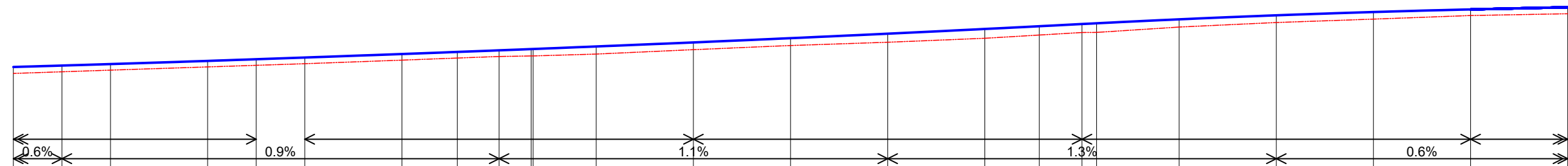
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CUT/FILL	DESIGN	NATURAL	CHAINAGE
+0.252F	8.370	8.118	160.0
+0.256F	8.040	7.784	170.0
+0.255F	7.892	7.636	174.5
+0.259F	7.710	7.451	180.0
+0.261F	7.672	7.411	181.1
+0.328F	7.393	7.065	190.0
+0.357F	7.103	6.746	200.0
+0.410F	6.849	6.438	210.0
+0.359F	6.638	6.280	220.0
+0.336F	6.550	6.214	225.0
+0.321F	6.472	6.151	230.0
+0.253F	6.350	6.097	240.0
+0.241F	6.330	6.089	242.0
+0.187F	6.200	6.013	260.0
+0.219F	6.222	6.003	256.0
+0.179F	6.164	5.985	270.0
+0.188F	6.156	5.968	280.0
+0.205F	6.176	5.972	290.0
+0.199F	6.224	6.025	300.0
+0.189F	6.256	6.074	305.0
+0.190F	6.276	6.087	308.3
+0.181F	6.296	6.115	311.3
+0.181F	6.299	6.119	311.8
+0.178F	6.309	6.130	313.2
+0.176F	6.318	6.141	314.5
+0.174F	6.326	6.152	315.7
+0.172F	6.333	6.161	316.8
+0.166F	6.356	6.190	320.0

Scale Horizontal 1:500 Vertical 1:125

ALEXANDRA DR LONGSECTION CH 160 TO CH 320



CUT/FILL	DESIGN	NATURAL	CHAINAGE
+0.166F	6.356	6.190	320.0
+0.156F	6.393	6.275	325.0
+0.154F	6.431	6.275	330.0
+0.154F	6.512	6.358	340.0
+0.159F	6.556	6.440	345.0
+0.157F	6.599	6.440	350.0
+0.157F	6.690	6.532	360.0
+0.158F	6.743	6.586	365.7
+0.177F	6.784	6.626	370.0
+0.178F	6.817	6.640	373.3
+0.195F	6.818	6.640	373.5
+0.186F	6.884	6.688	380.0
+0.189F	6.988	6.802	390.0
+0.220F	7.097	6.908	400.0
+0.239F	7.212	6.992	410.0
+0.226F	7.333	7.094	420.0
+0.218F	7.403	7.177	425.6
+0.235F	7.460	7.242	430.0
+0.199F	7.479	7.244	431.5
+0.185F	7.581	7.382	440.0
+0.182F	7.684	7.499	450.0
+0.182F	7.768	7.586	460.0
+0.156F	7.835	7.679	470.0
+0.167F	7.892	7.724	480.0

Scale Horizontal 1:500 Vertical 1:125

ALEXANDRA DR LONGSECTION CH 320 TO CH 480

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D	DEC 22	REVISED PRELIMINARY DESIGN
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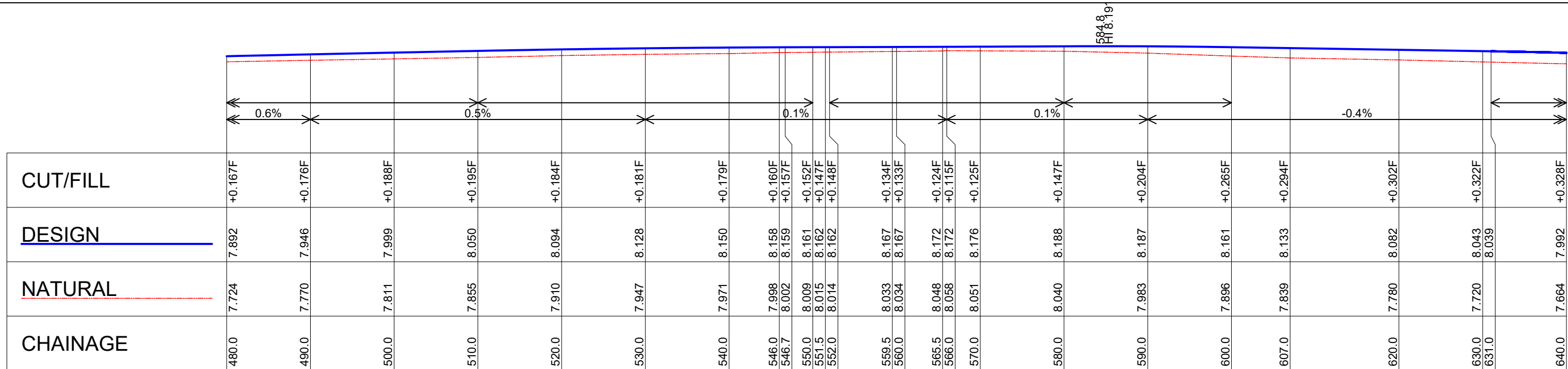
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 EMAIL fowlers202@gmail.com

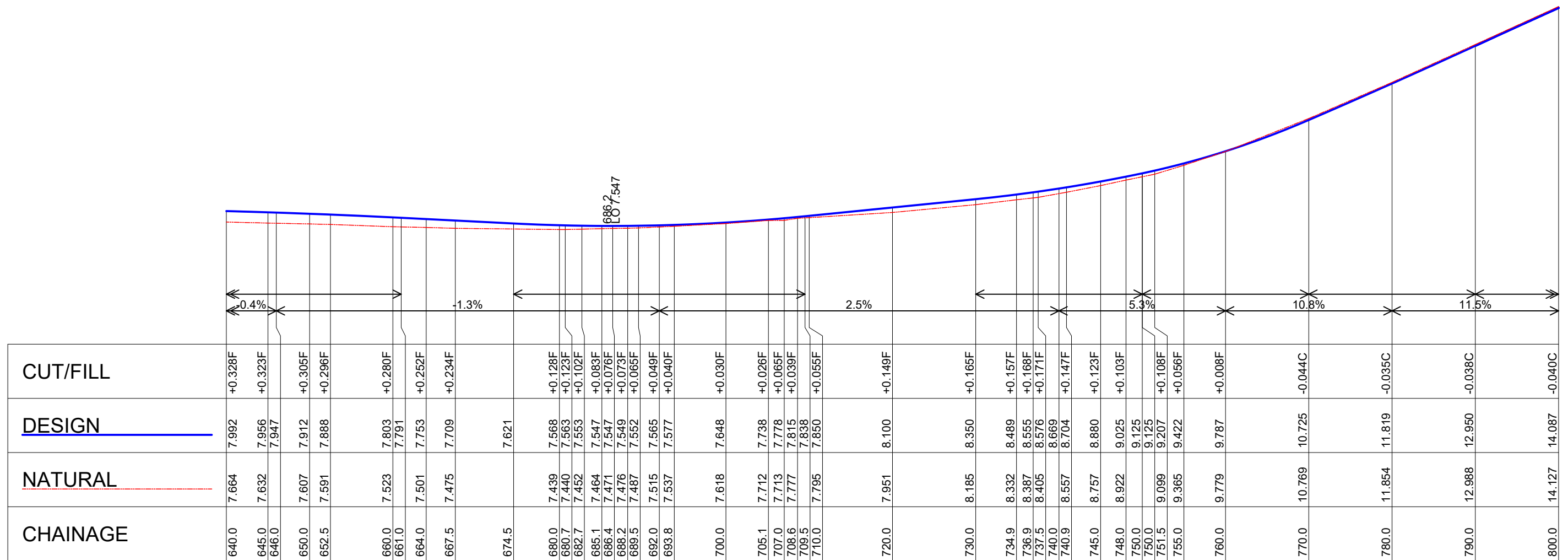
DRAWING ALEXANDRA DR LONGSECTION 2
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Scale Horizontal 1:500 Vertical 1:125

ALEXANDRA DR LONGSECTION CH 480 TO CH 640



Scale Horizontal 1:500 Vertical 1:125

ALEXANDRA DR LONGSECTION CH 640 TO CH 800

E	FEB 22	CHICANES & SS DRAINS
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A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

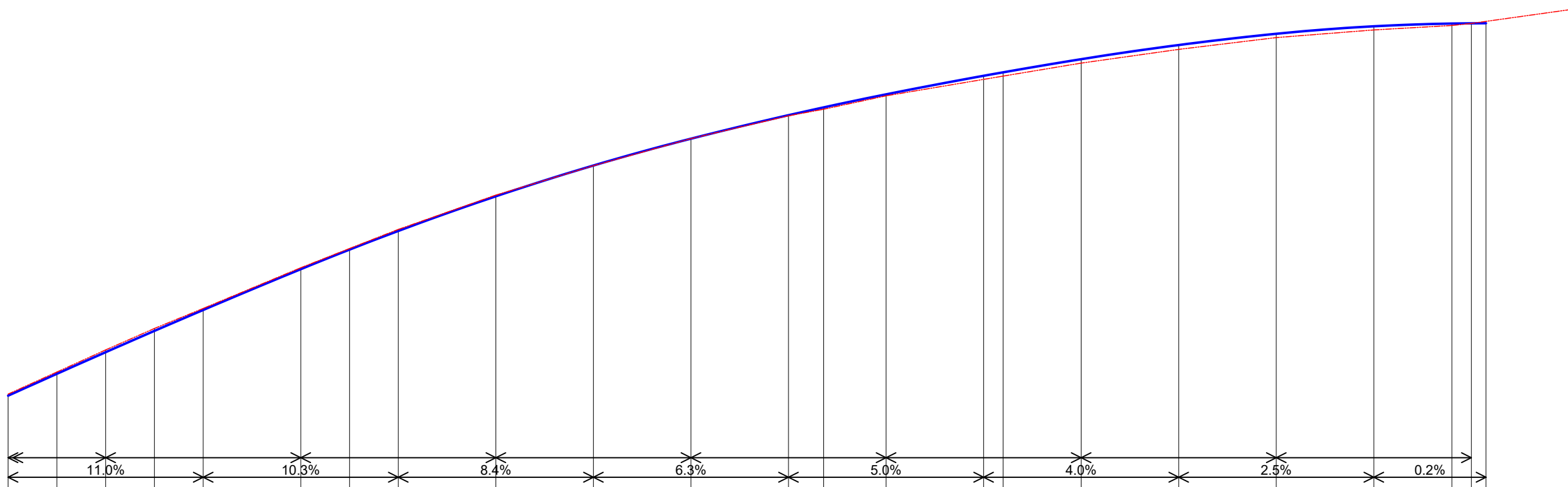
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NAMBUCCA VALLEY COUNCIL

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SHEET 9 OF 36



CUT/FILL	-0.040C	-0.046C	-0.059C	-0.062C	-0.039C	-0.037C	-0.029C	-0.039C	-0.032C	+0.006F	-0.001C	+0.015F	+0.047F	+0.038F	+0.097F	+0.101F	+0.112F	+0.097F	+0.093F	+0.049F	+0.002F			
DESIGN	14.087	14.647	15.200	15.745	16.281	17.325	17.826	18.304	19.190	19.979	20.665	21.266	21.466	21.800	22.275	22.364	22.700	23.062	23.350	23.542	23.612	23.617	23.620	
NATURAL	14.127	14.693	15.259	15.808	16.320	17.362	17.855	18.343	19.222	19.973	20.666	21.251	21.419	21.762	22.267	22.267	22.599	22.951	23.253	23.449	23.563	23.615	23.615	
CHAINAGE	800.0	805.0	810.0	815.0	820.0	830.0	835.0	840.0	850.0	860.0	870.0	880.0	883.6	890.0	900.0	902.0	910.0	920.0	930.0	940.0	948.0	950.0	951.5	960.0

Scale Horizontal 1:500 Vertical 1:125

ALEXANDRA DR LONGSECTION CH 800 TO CH 960

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
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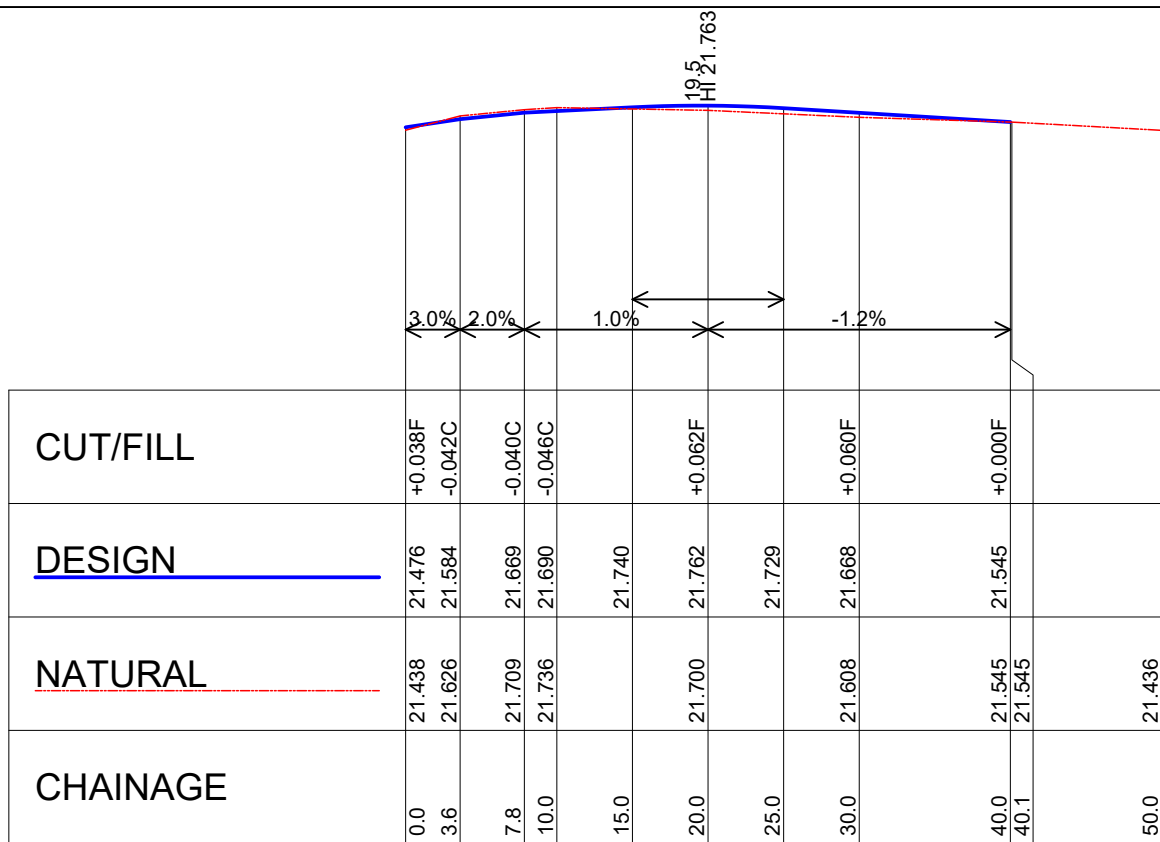
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PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

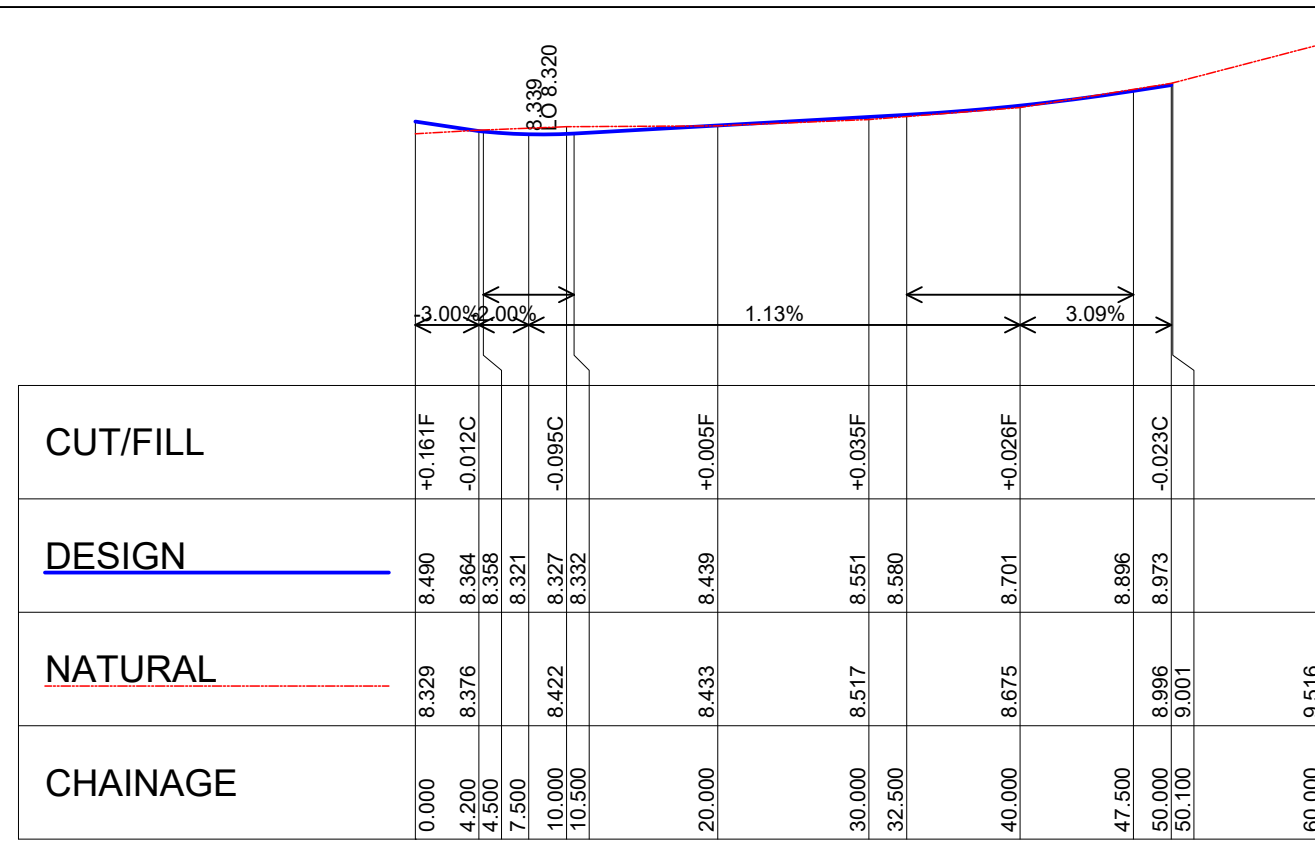
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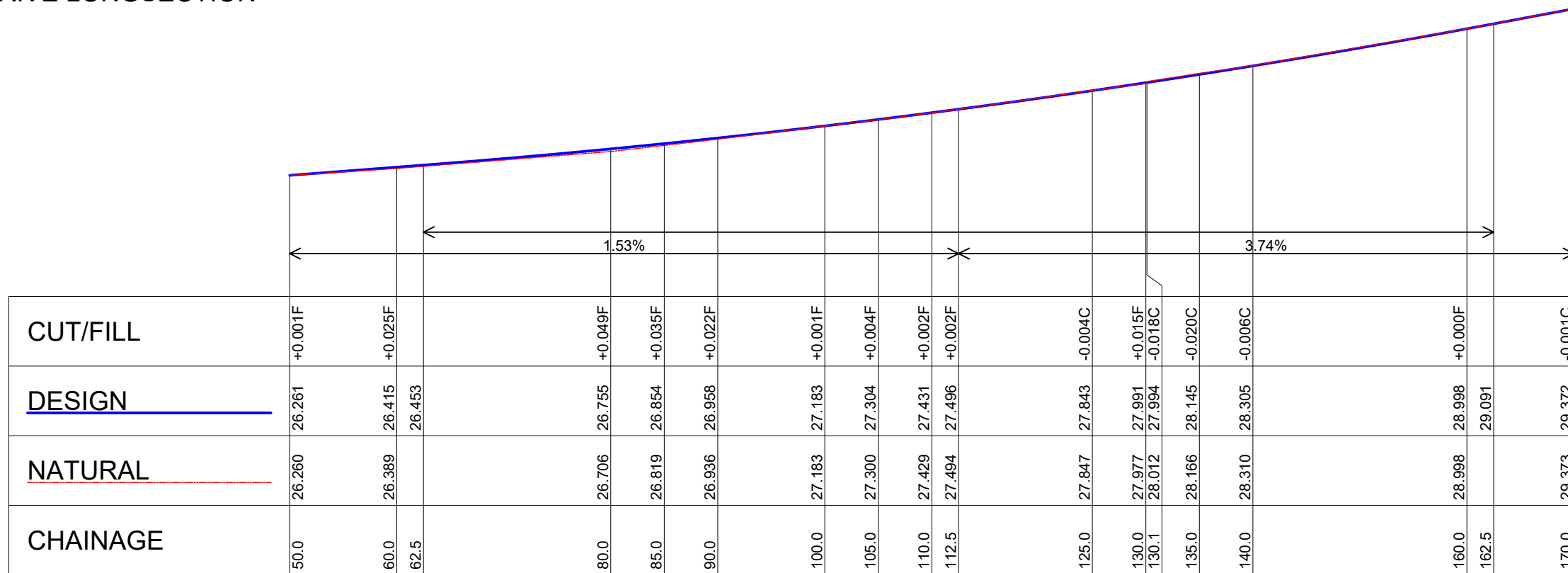
SHEET 9 OF 36



Scale Horizontal 1:500 Vertical 1:100
BANGALOW DRIVE LONGSECTION



Scale Horizontal 1:500 Vertical 1:100
COCOS COURT LONGSECTION



Scale Horizontal 1:500 Vertical 1:100
OLD COAST ROAD LONGSECTION

E	FEB 22	CHICANES & SS DRAINS
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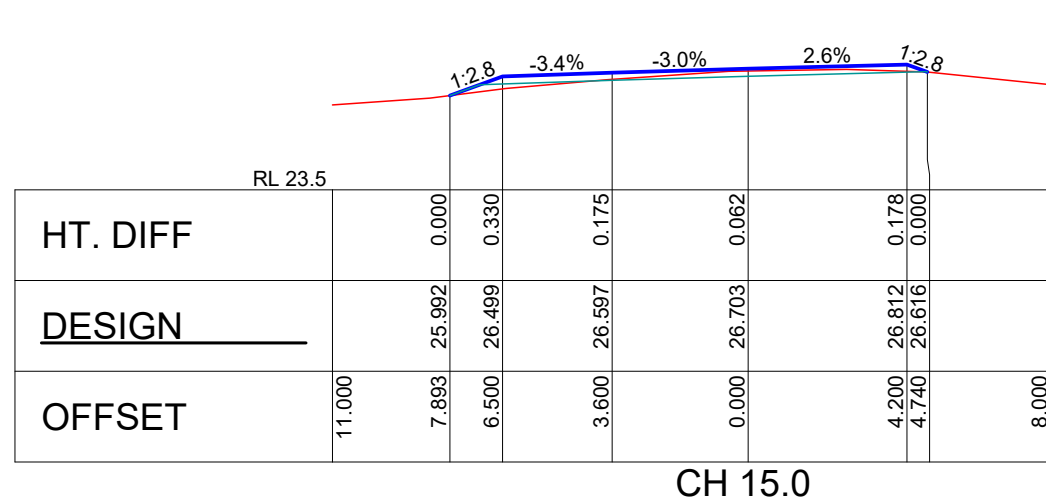
DRAWING LONGSECTIONS

PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

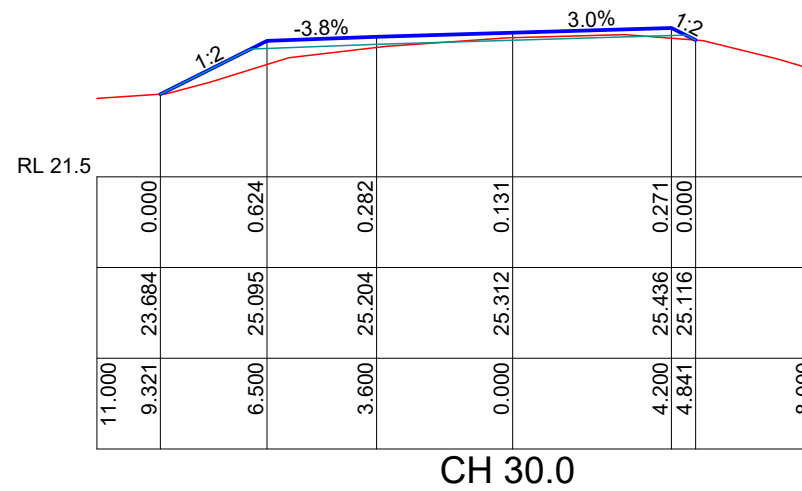
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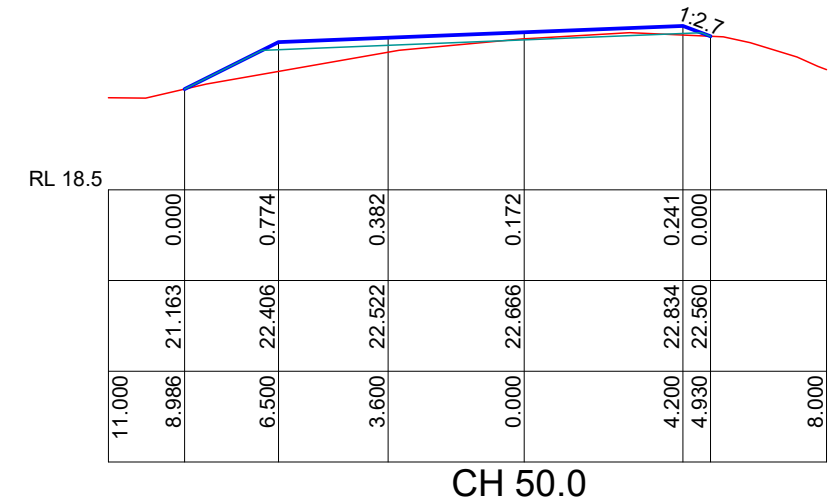
SHEET 13 OF 36



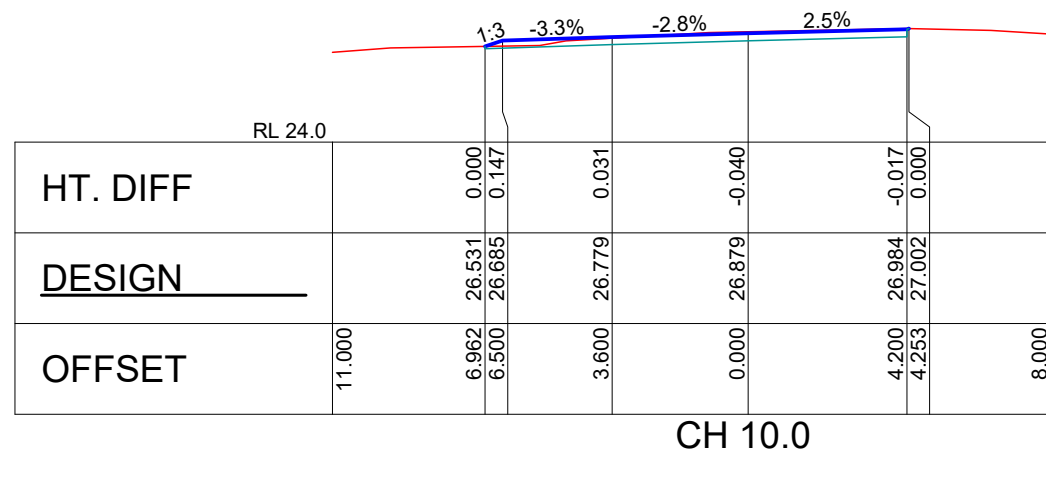
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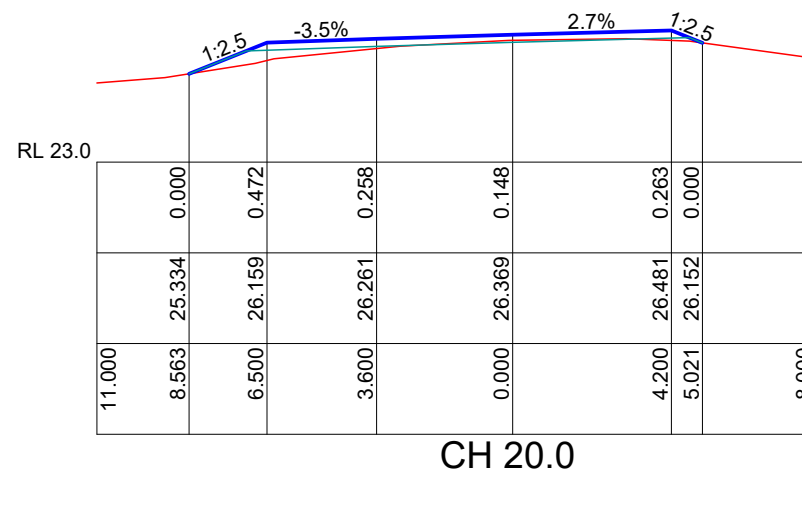
CH 30.0



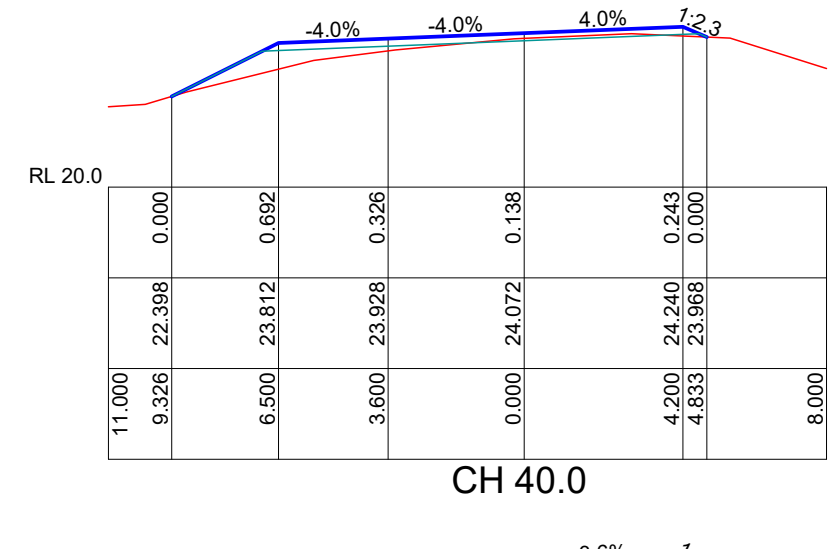
CH 50.0



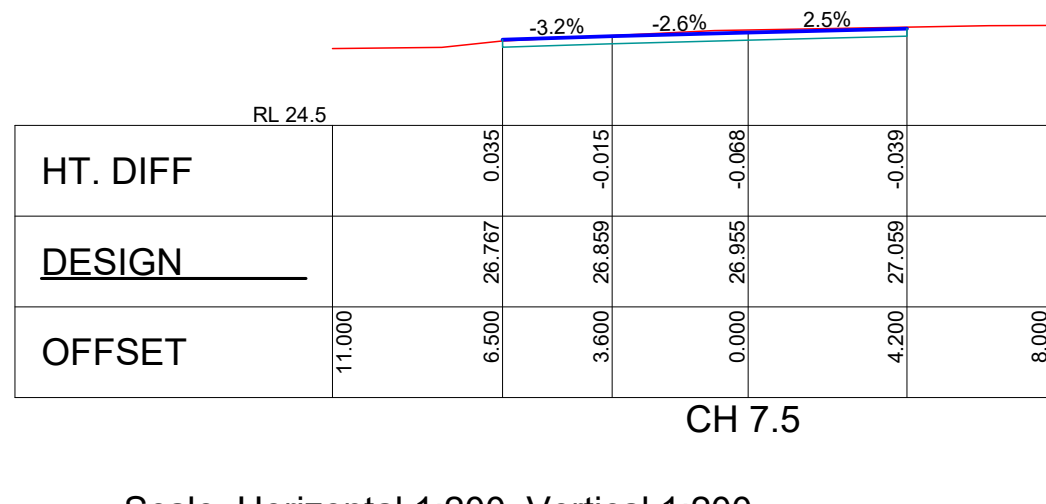
CH 10.0



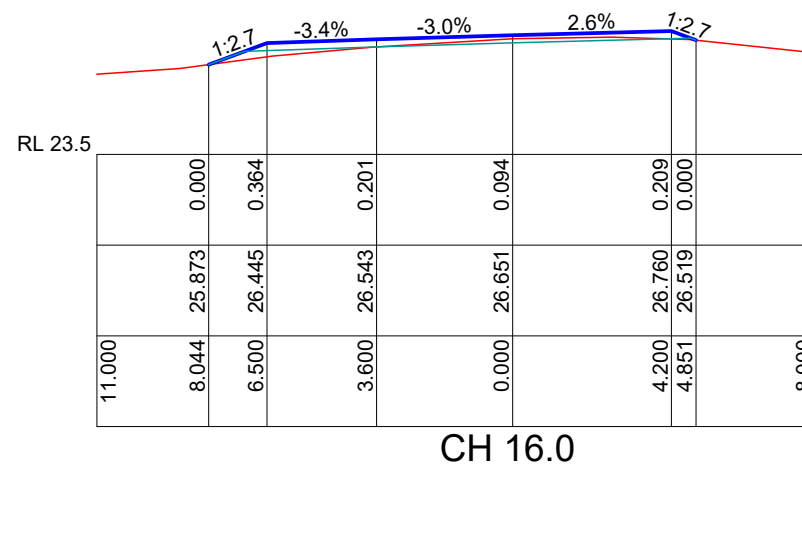
CH 20.0



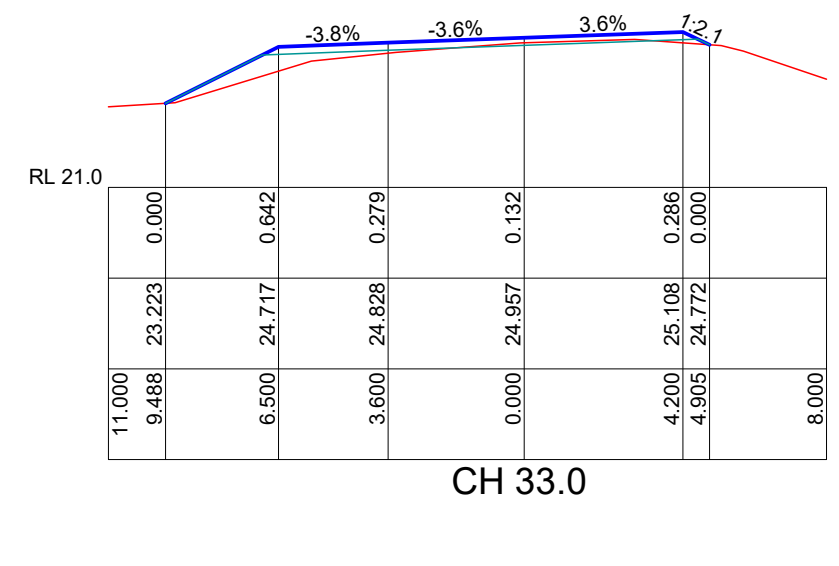
CH 40.0



CH 7.5



CH 16.0



CH 33.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

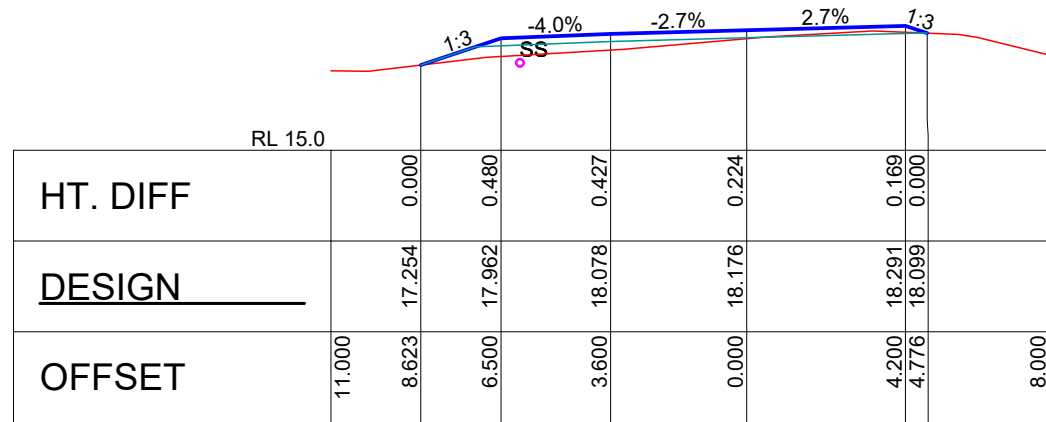
HIGHLANDS DESIGN & DRAFTING

S P FOWLER ABN 38 736 450 419 PHONE 0412 626 126 EMAIL fowlers202@gmail.com

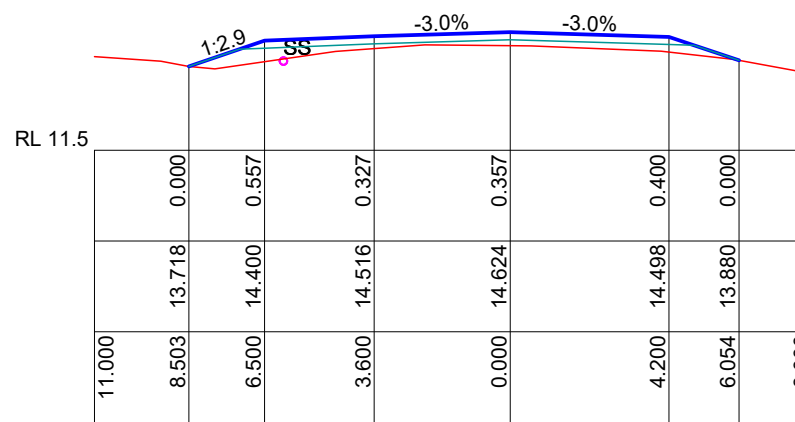


DRAWING ALEXANDRA DR CROSS SECTIONS 1
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

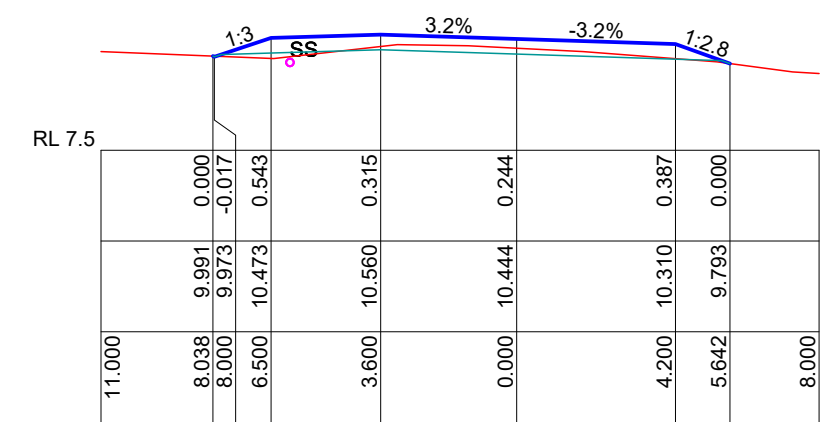
REVISION E
Dwg No NVC 01.22
SHEET 15 OF 36



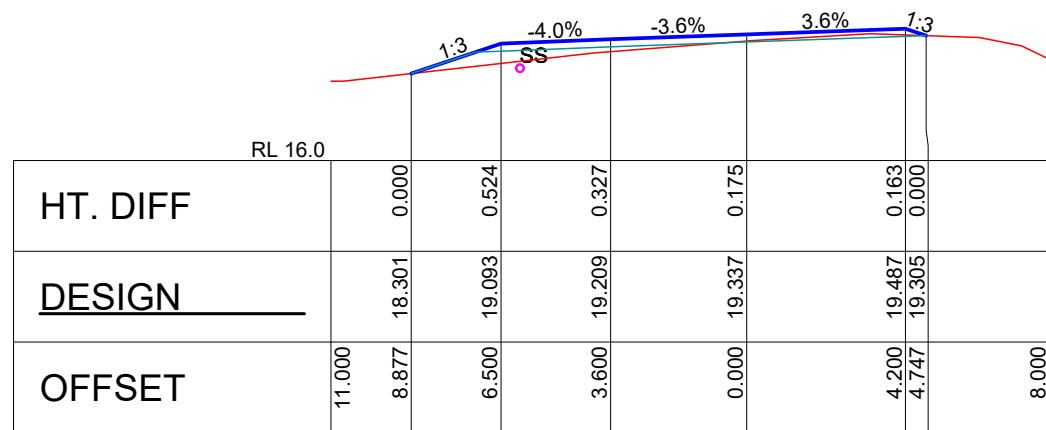
CH 76.9



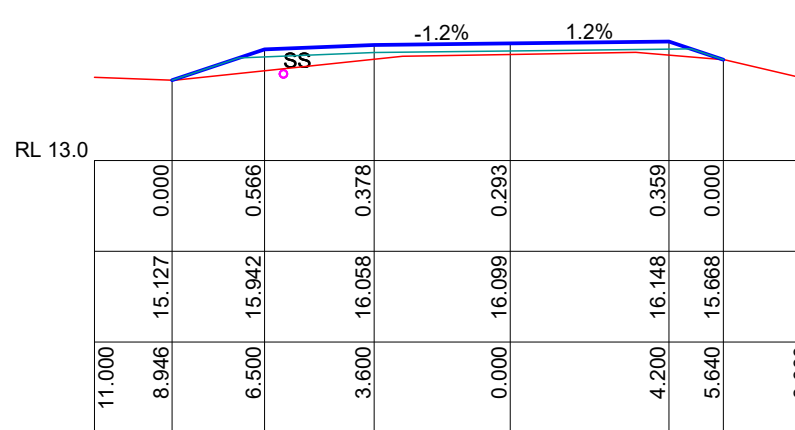
CH 100.0



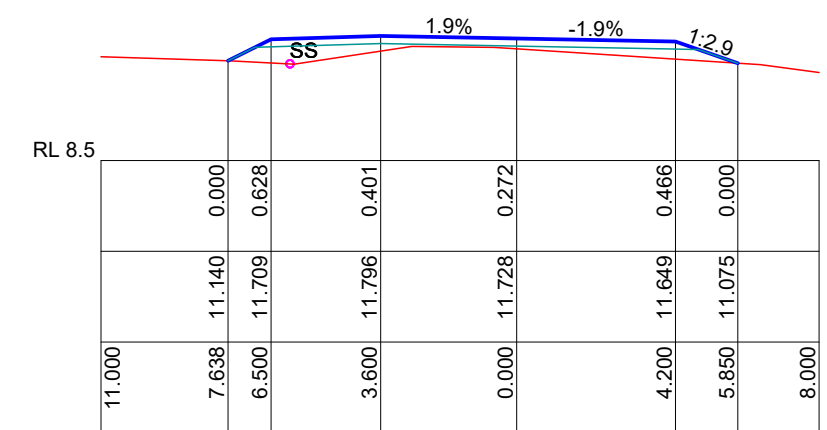
CH 130.0



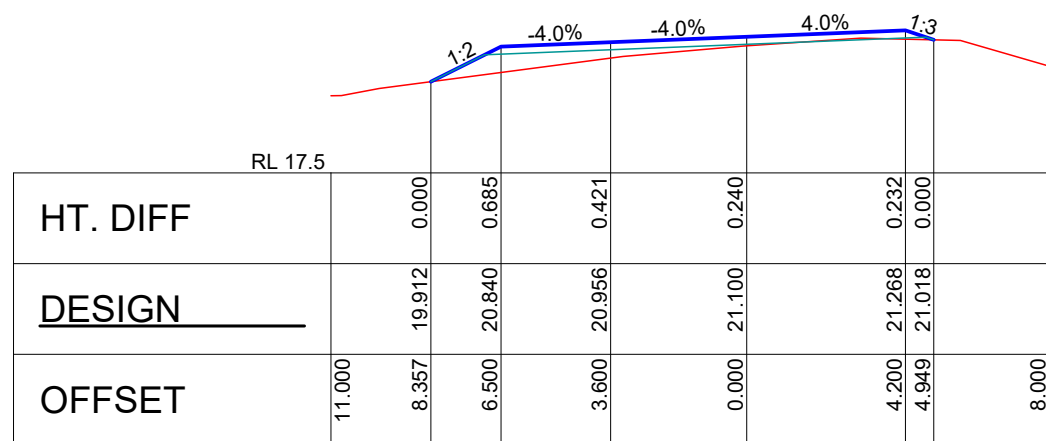
CH 70.0



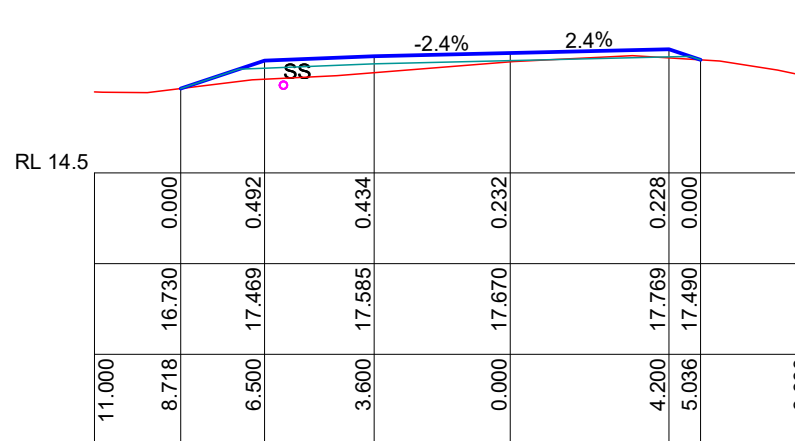
CH 90.0



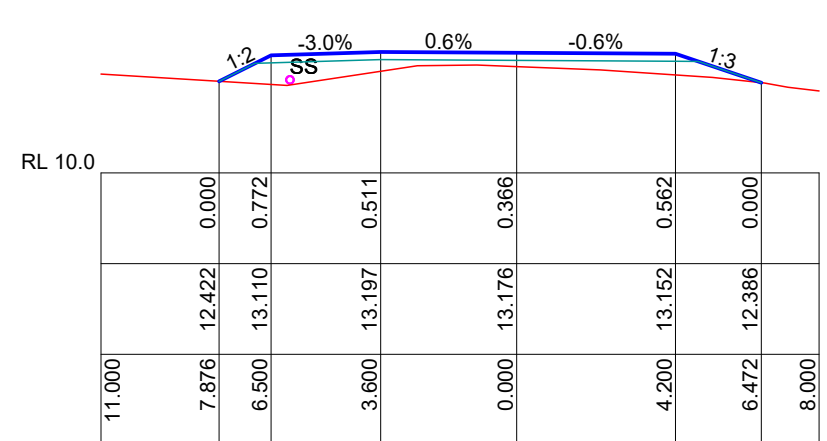
CH 120.0



CH 60.0



CH 80.0



CH 110.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

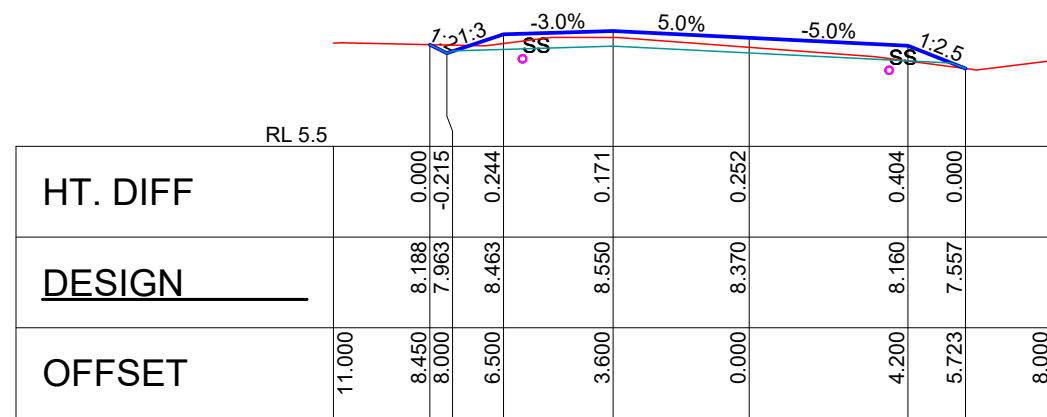
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

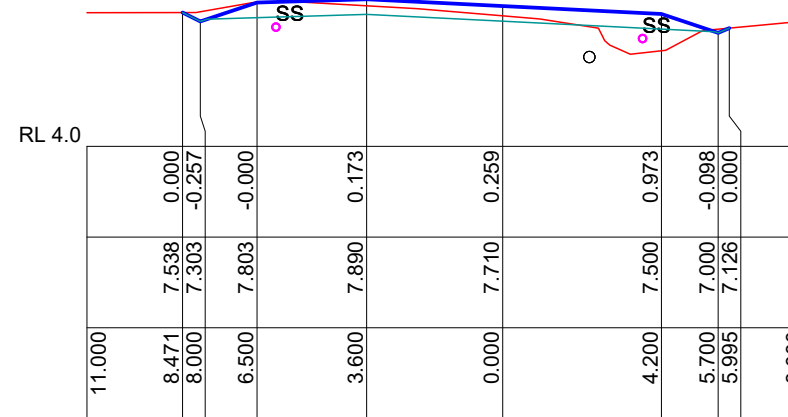


DRAWING ALEXANDRA DR CROSS SECTIONS 2
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

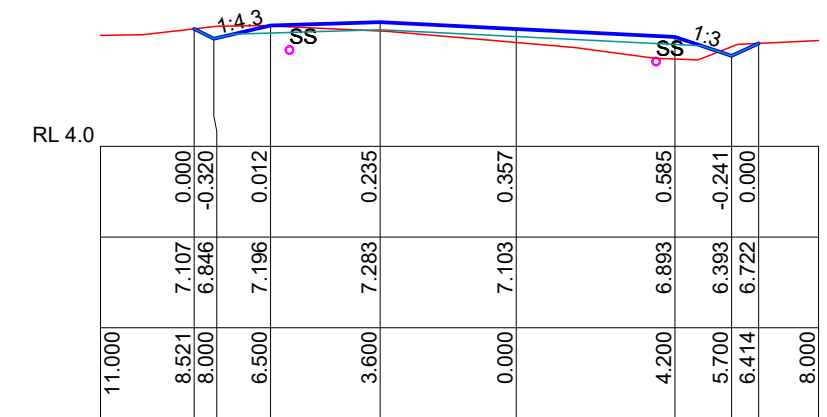
REVISION E
Dwg No NVC 01.22
SHEET 15 OF 36



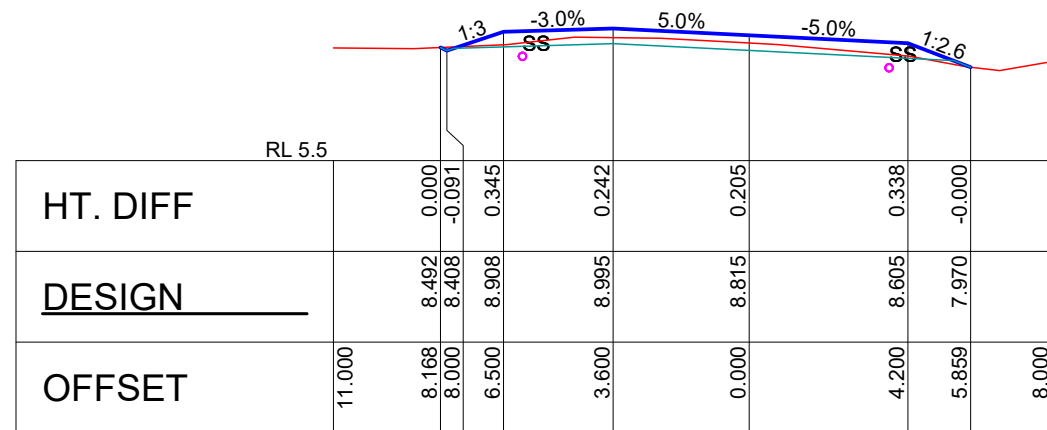
CH 160.0



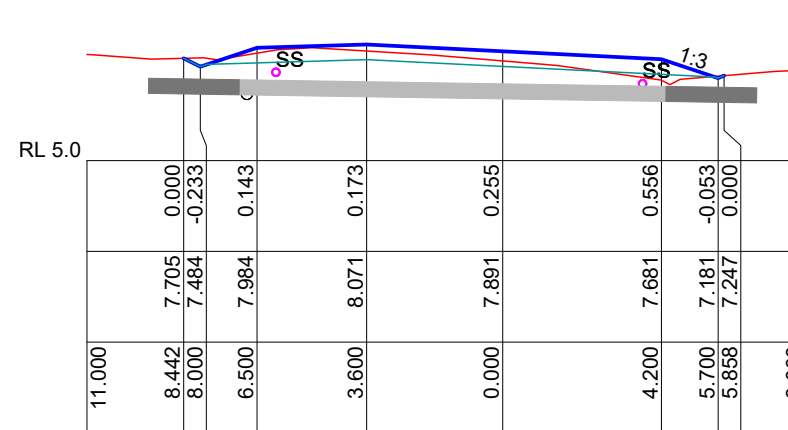
CH 180.0



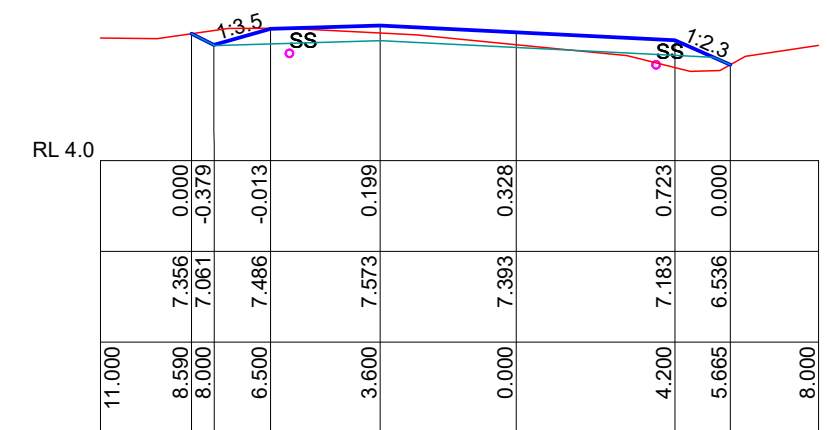
CH 200.0



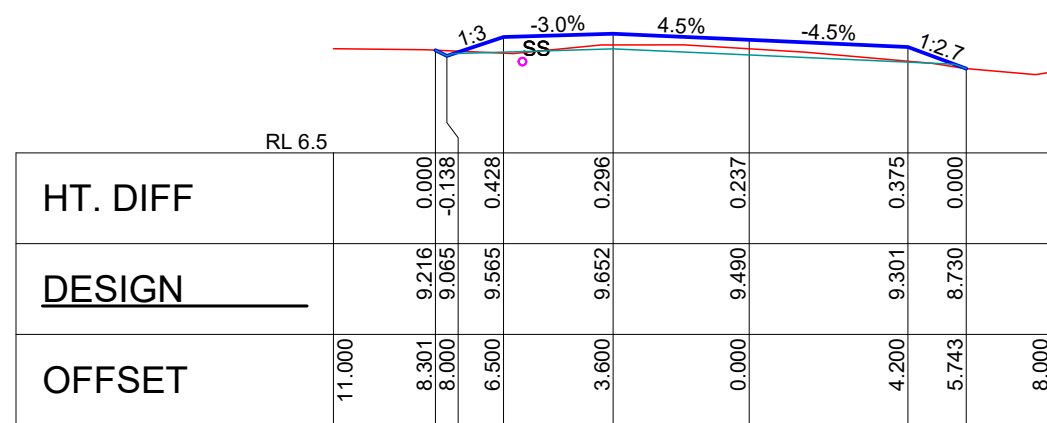
CH 150.0



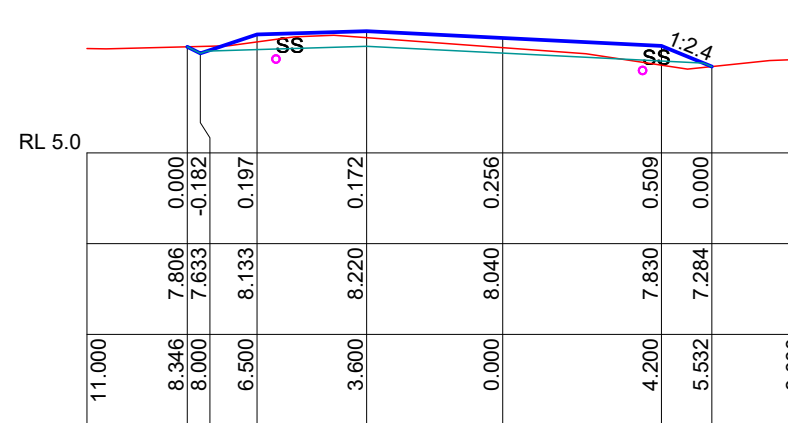
CH 174.5



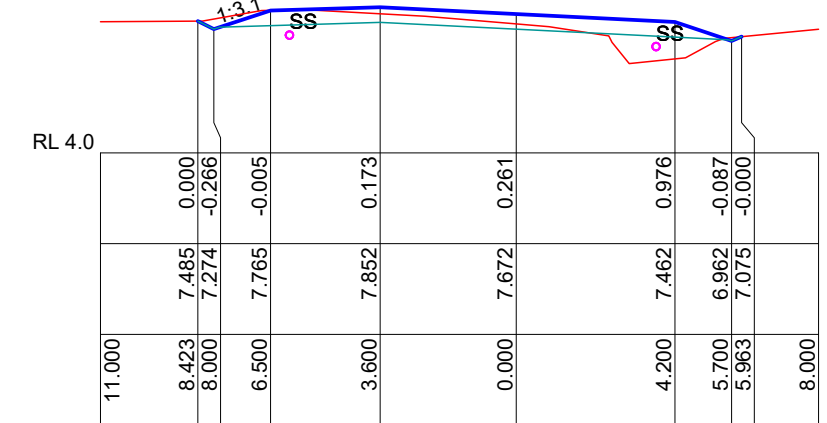
CH 190.0



CH 140.0



CH 170.0



CH 181.2

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

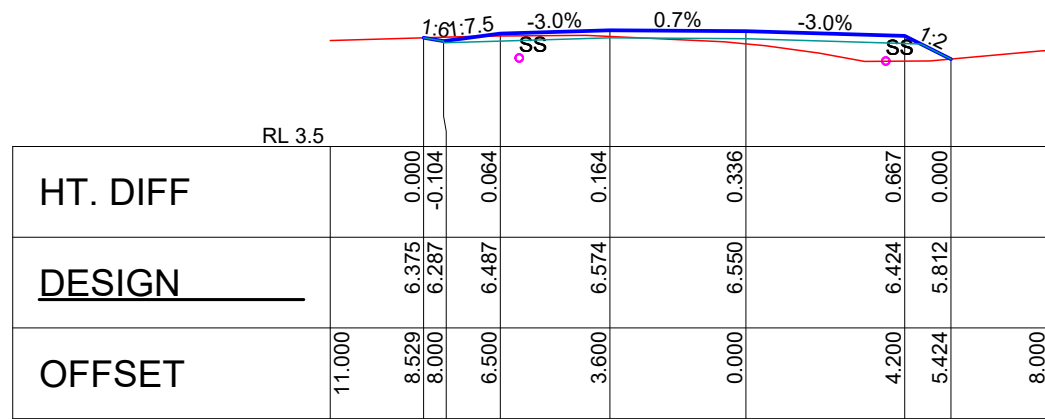
HIGHLANDS DESIGN & DRAFTING



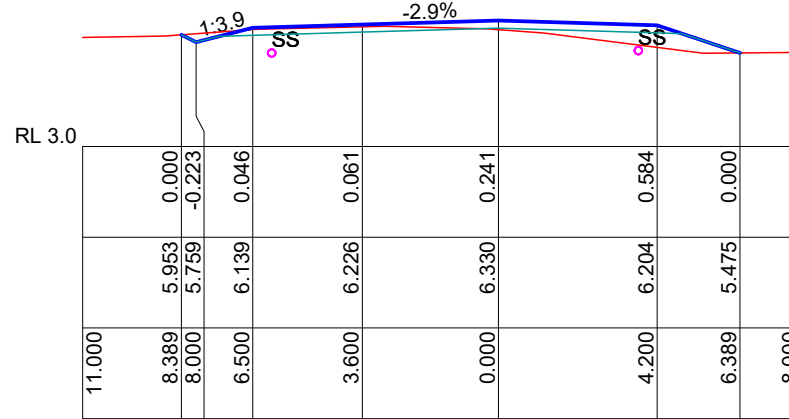
S P FOWLER ABN 38 736 450 419 PHONE 0412 626 126 EMAIL fowlers202@gmail.com

DRAWING ALEXANDRA DR CROSS SECTIONS 3
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

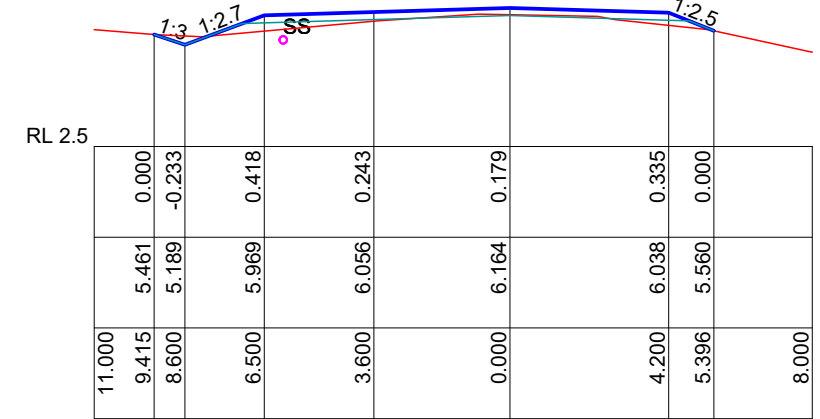
REVISION E
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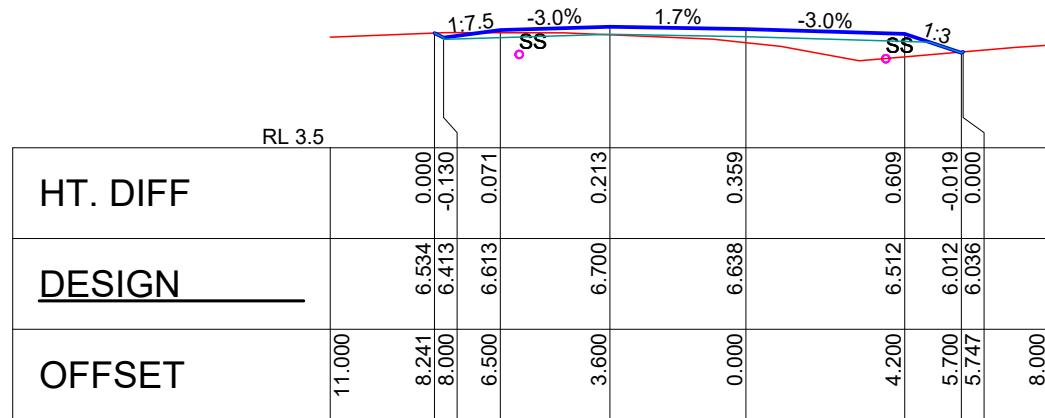
CH 225.0



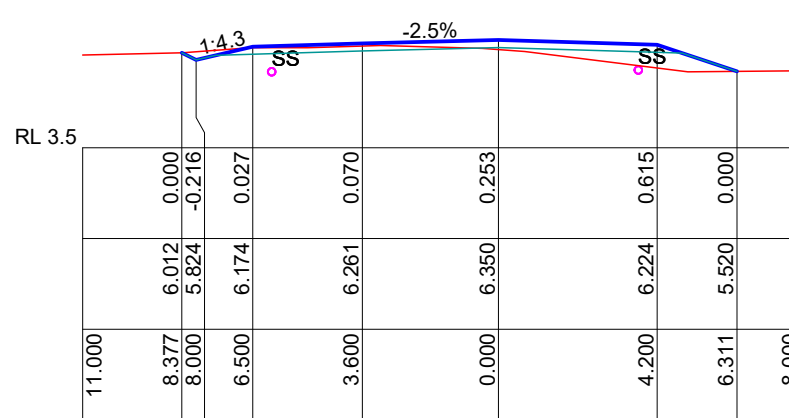
CH 242.0



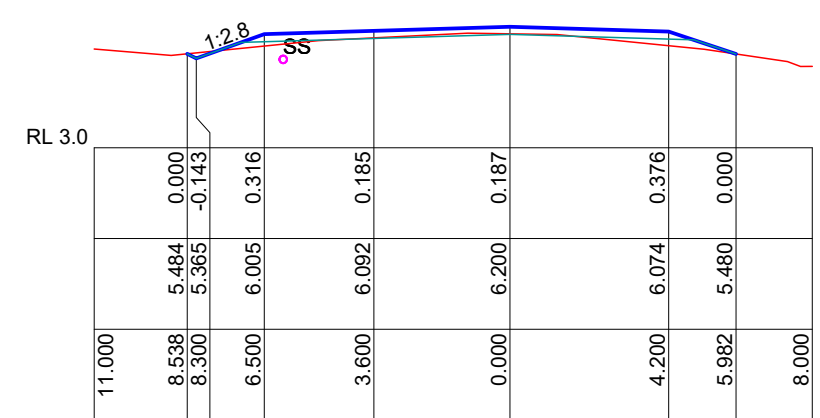
CH 270.0



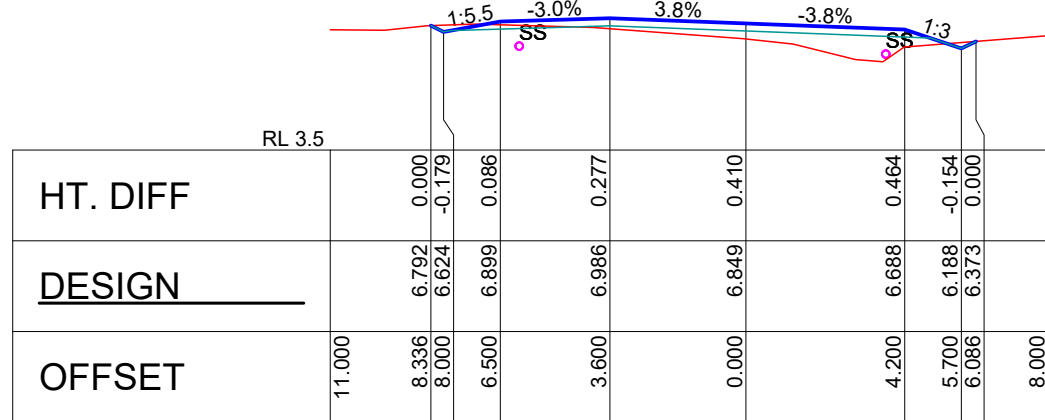
CH 220.0



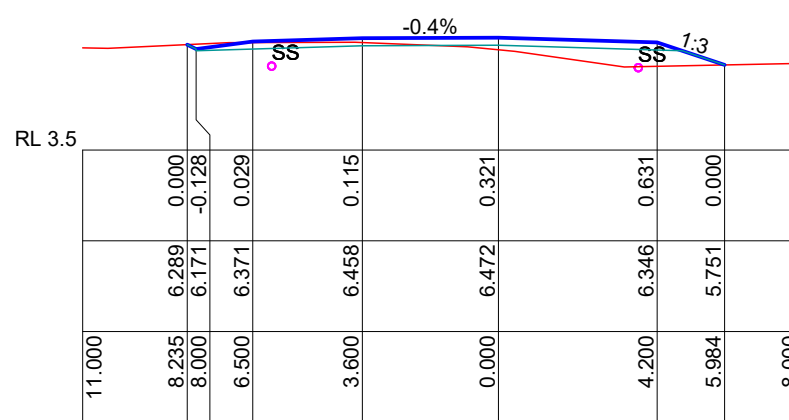
CH 240.0



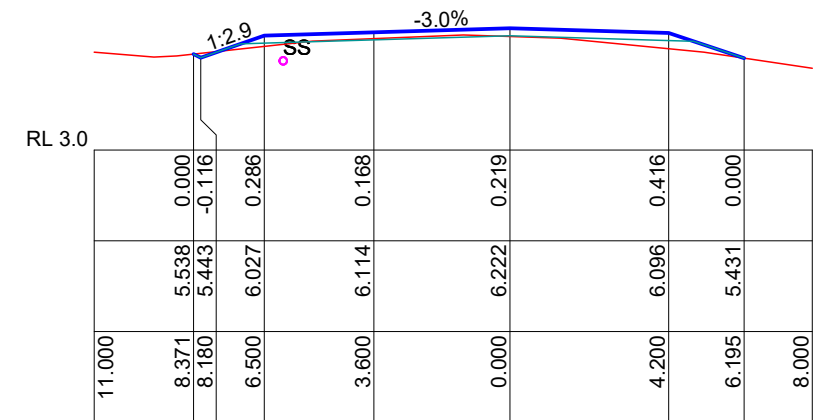
CH 260.0



CH 210.0



CH 230.0



CH 256.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

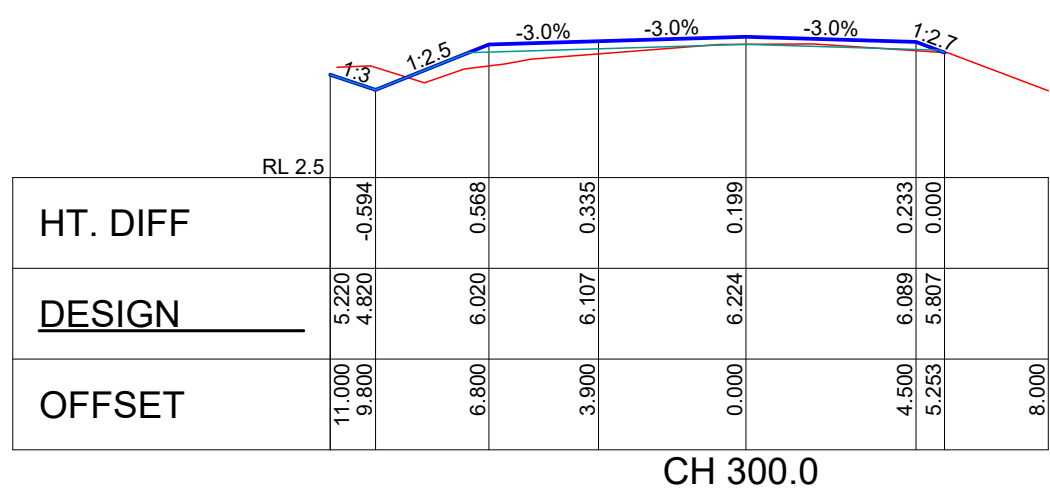
HIGHLANDS DESIGN & DRAFTING

S P FOWLER ABN 38 736 450 419 PHONE 0412 626 126 EMAIL fowlers202@gmail.com

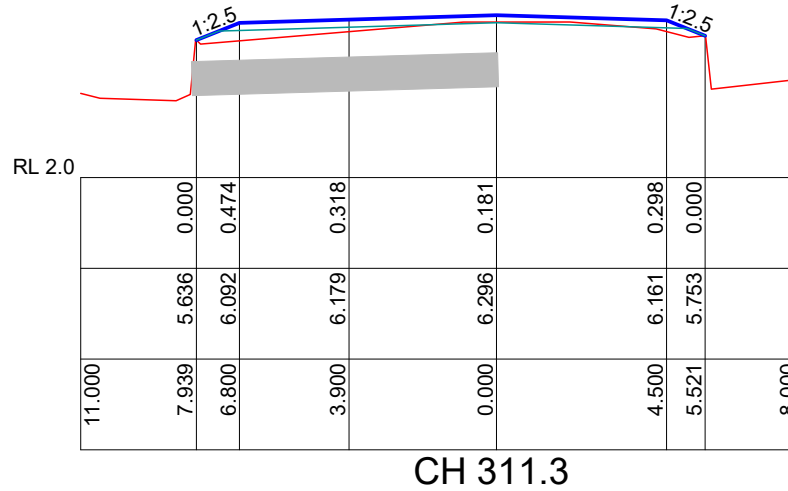


DRAWING ALEXANDRA DR CROSS SECTIONS 4
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

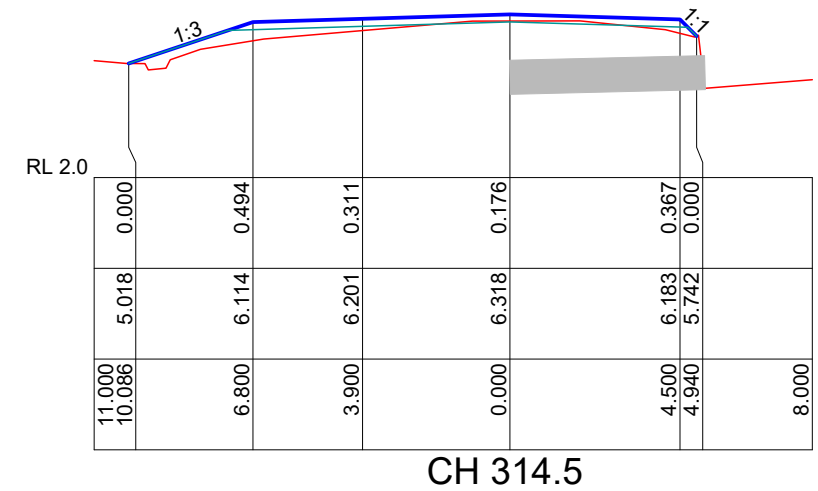
REVISION E
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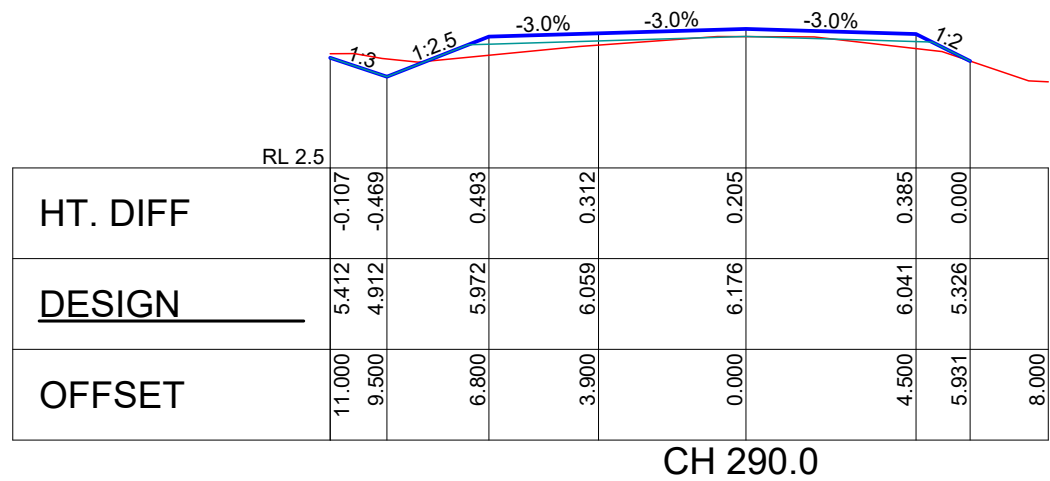
CH 300.0



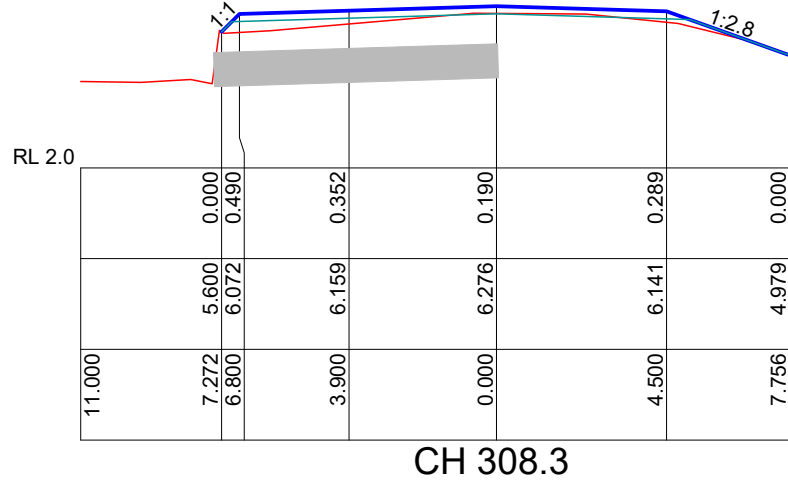
CH 311.3



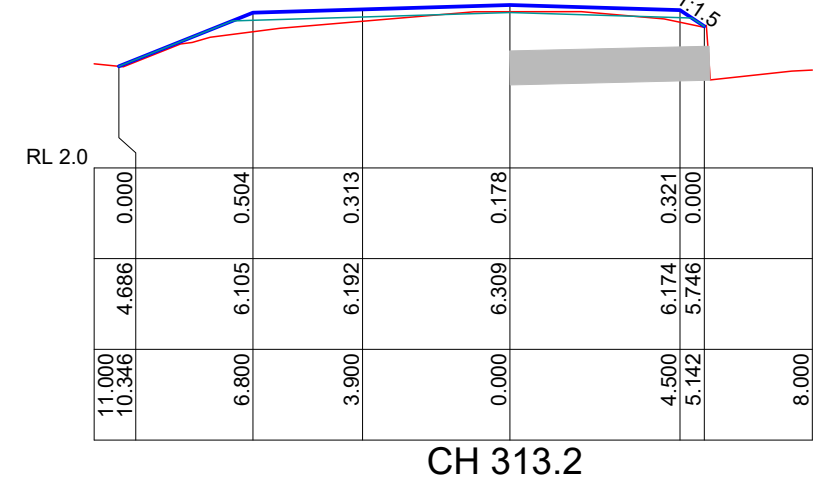
CH 314.5



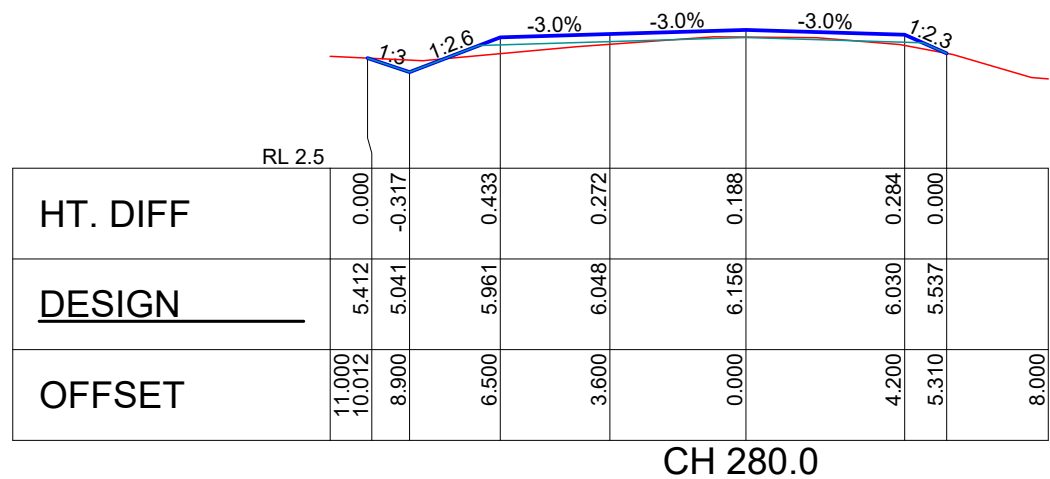
CH 290.0



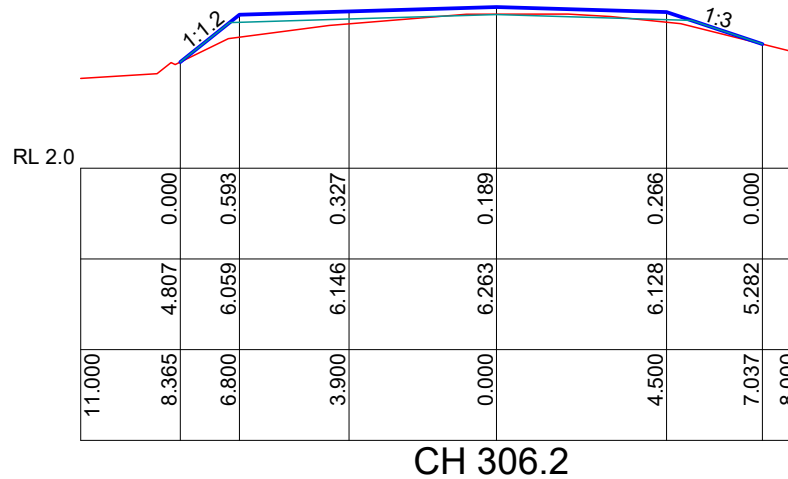
CH 308.3



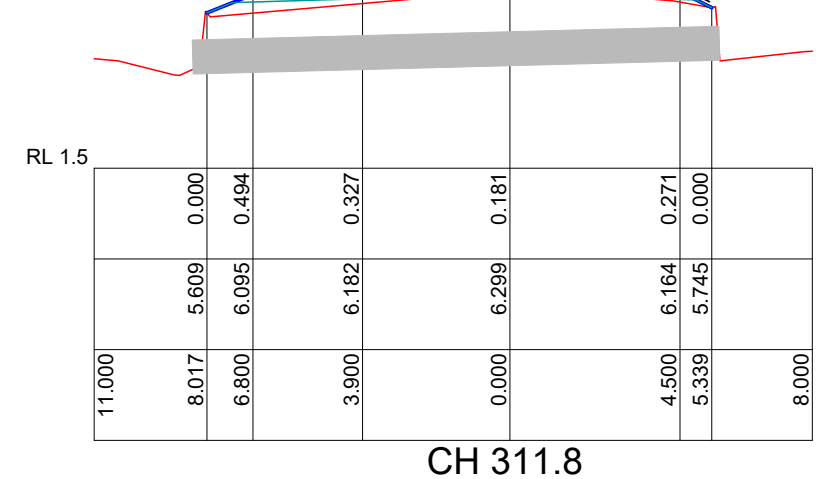
CH 313.2



CH 280.0



CH 306.2



CH 311.8

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

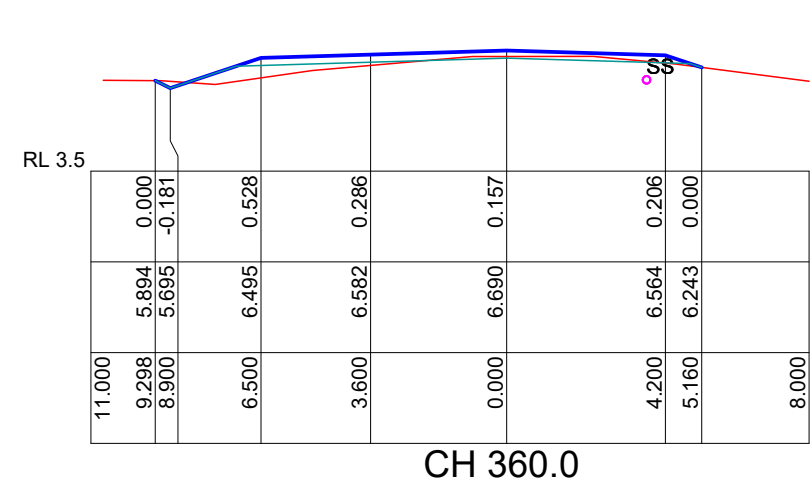
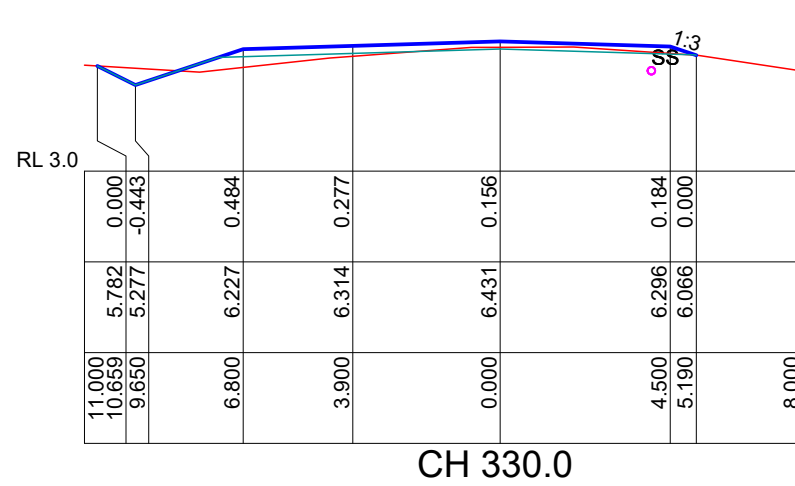
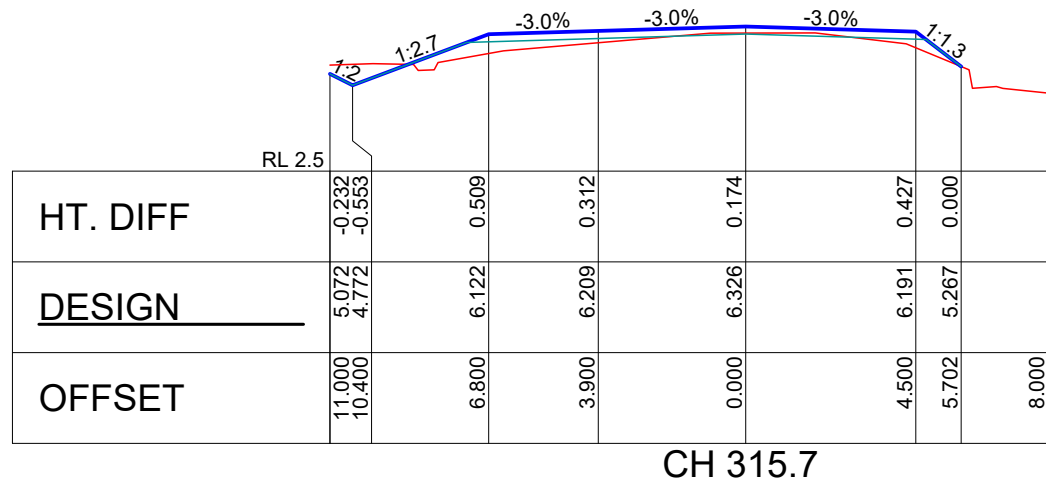
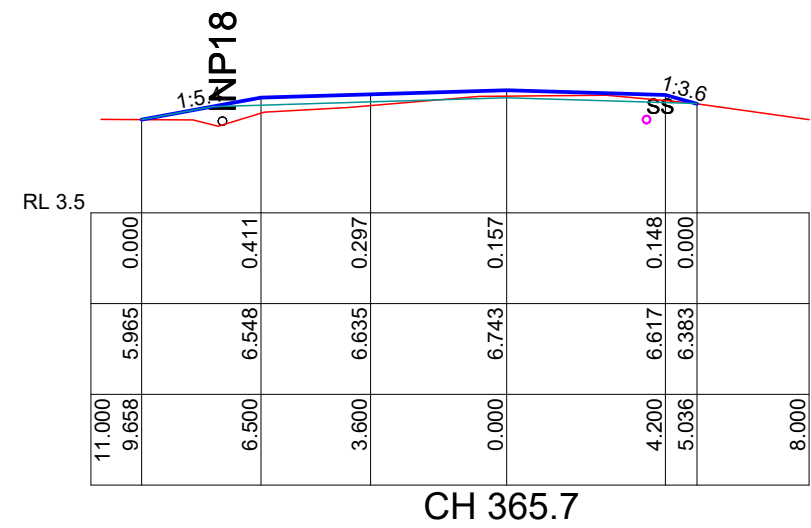
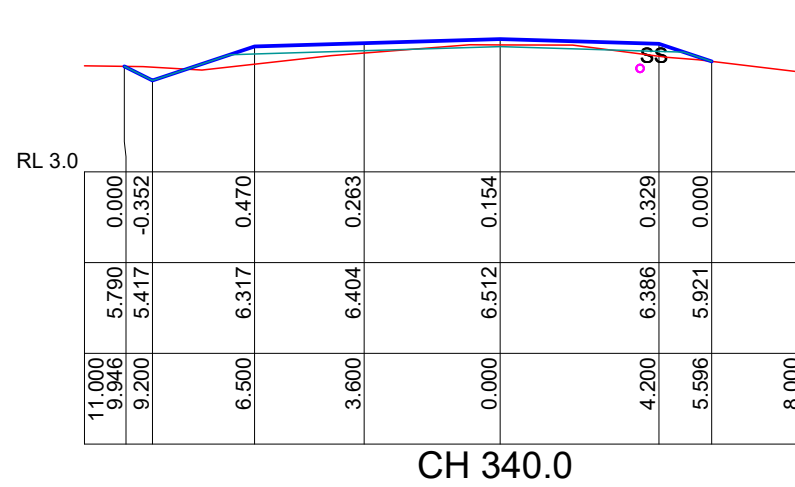
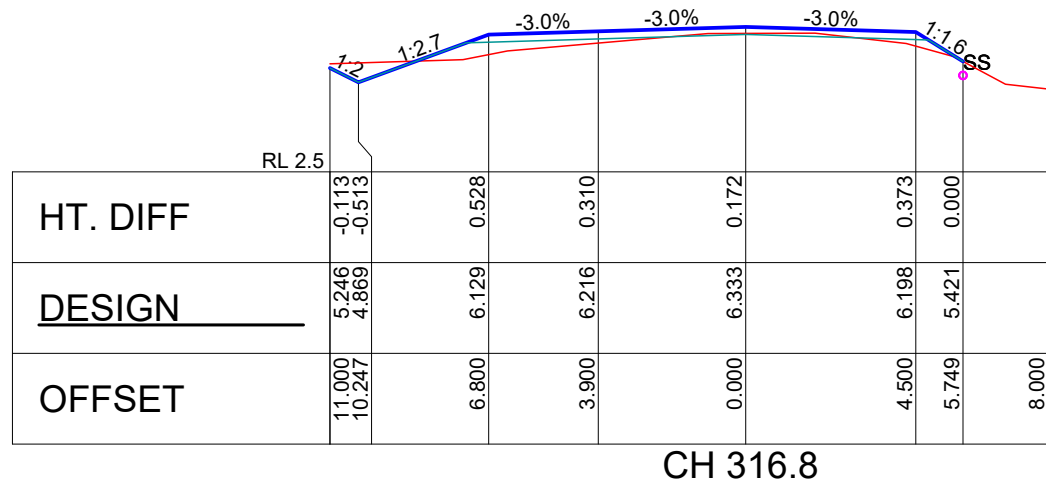
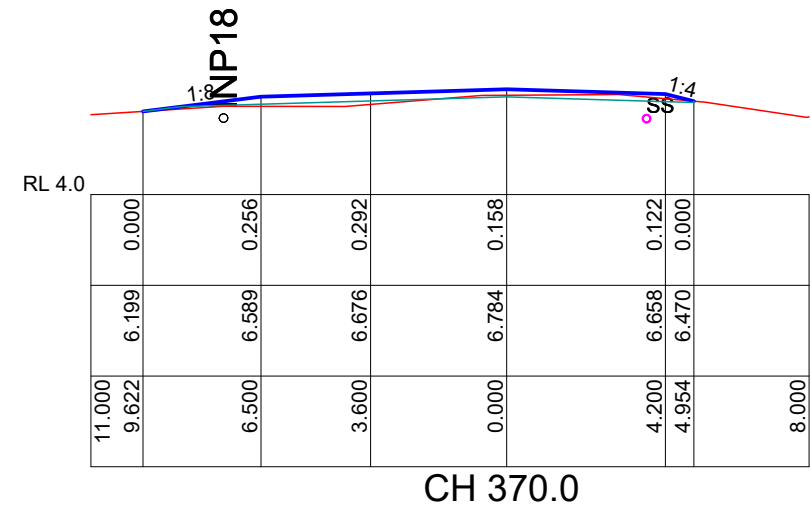
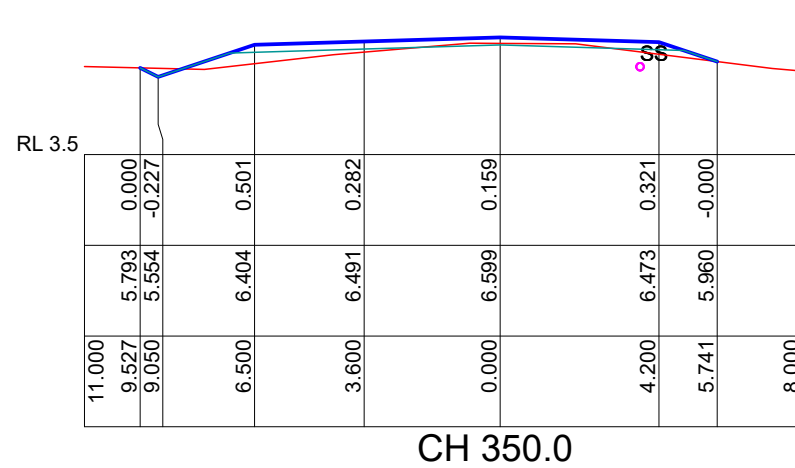
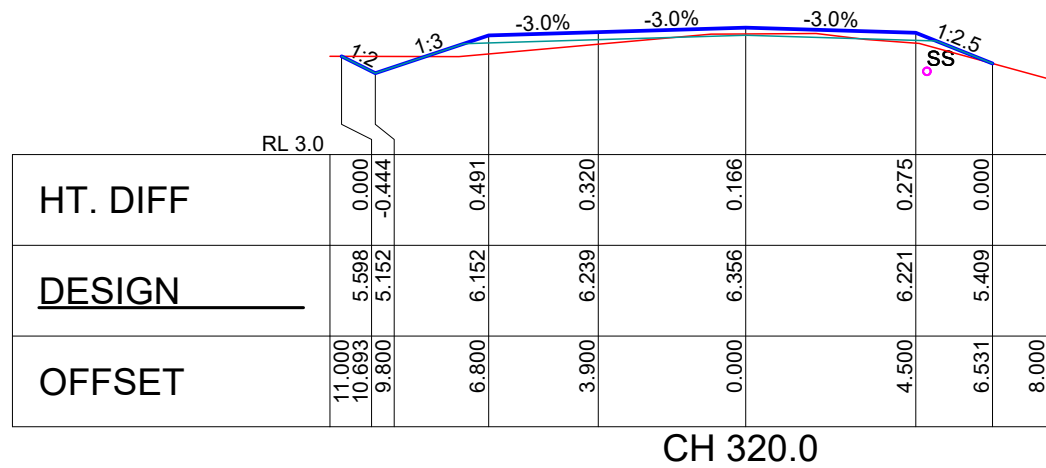
HIGHLANDS DESIGN & DRAFTING

S P FOWLER ABN 38 736 450 419 PHONE 0412 626 126 EMAIL fowlers202@gmail.com



DRAWING ALEXANDRA DR CROSS SECTIONS 5
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

REVISION E
Dwg No NVC 01.22
SHEET 18 OF 36



Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

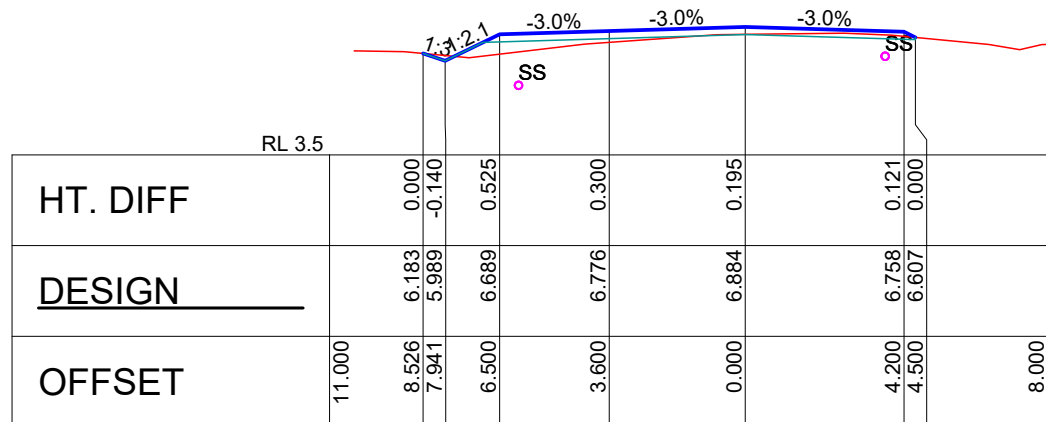
HIGHLANDS DESIGN & DRAFTING



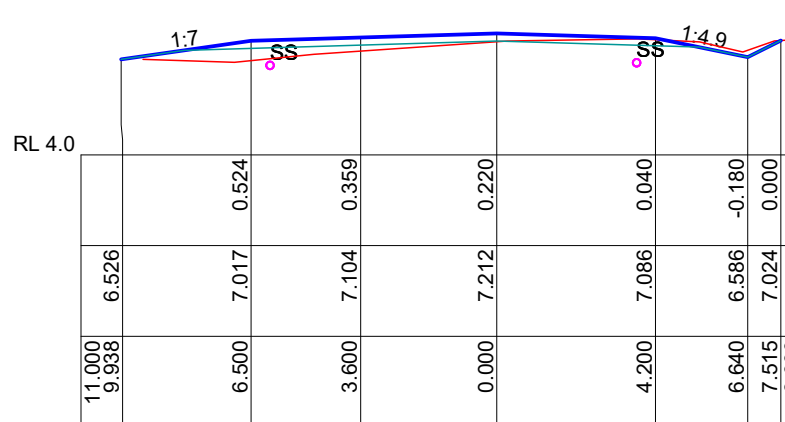
S P FOWLER PHONE 0412 626 126
 ABN 38 736 450 419 EMAIL fowlers202@gmail.com

DRAWING ALEXANDRA DR CROSS SECTIONS 6
 PROJECT ROAD & INTERSECTION UPGRADE
 ALEXANDRA DRIVE, BELLWOOD
 NAMBUCCA VALLEY COUNCIL

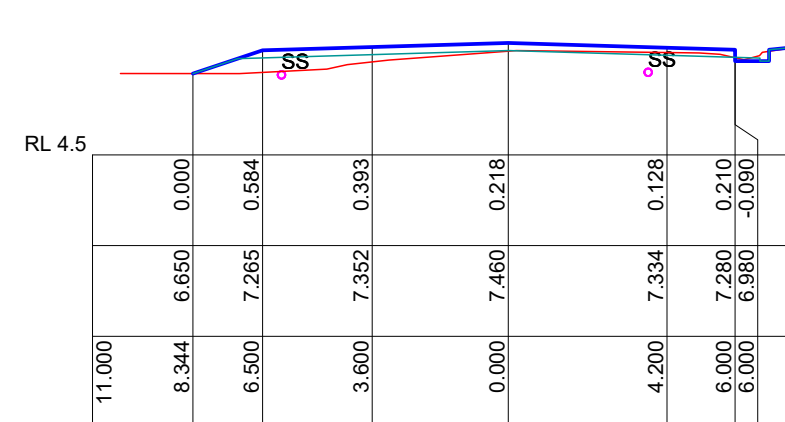
REVISION E
 Dwg No NVC 01.22
 SHEET 19 OF 36



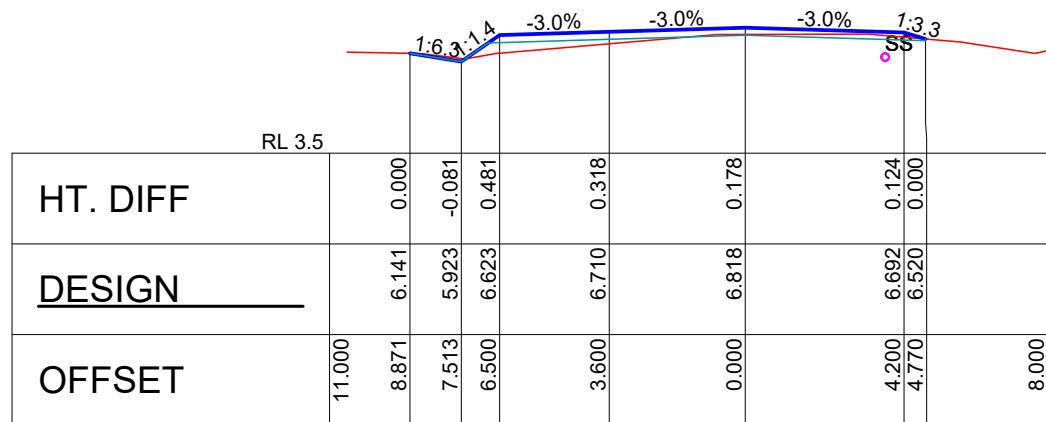
CH 380.0



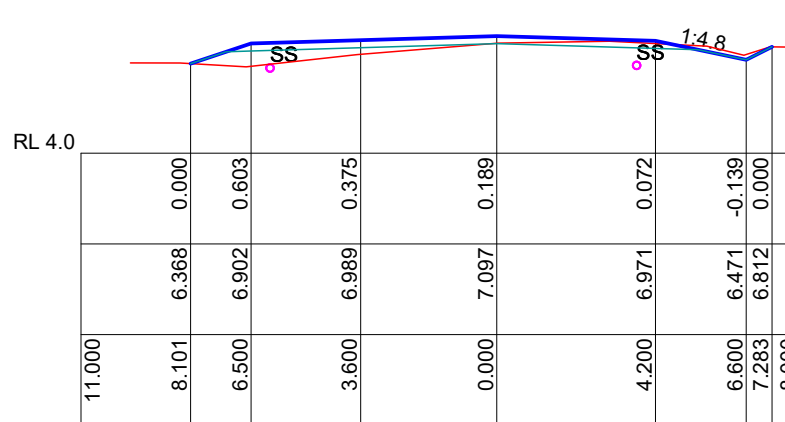
CH 410.0



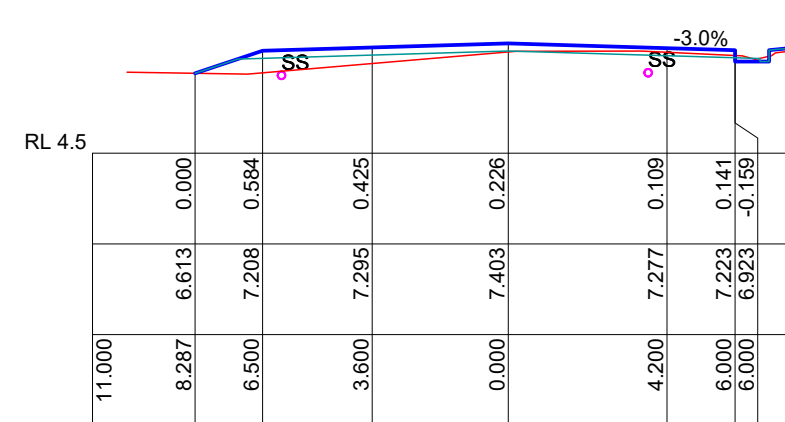
CH 430.0



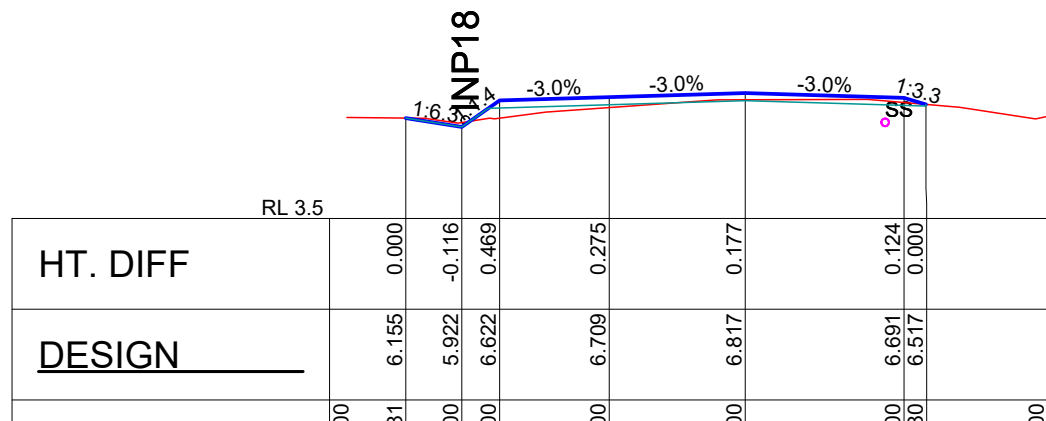
CH 373.5



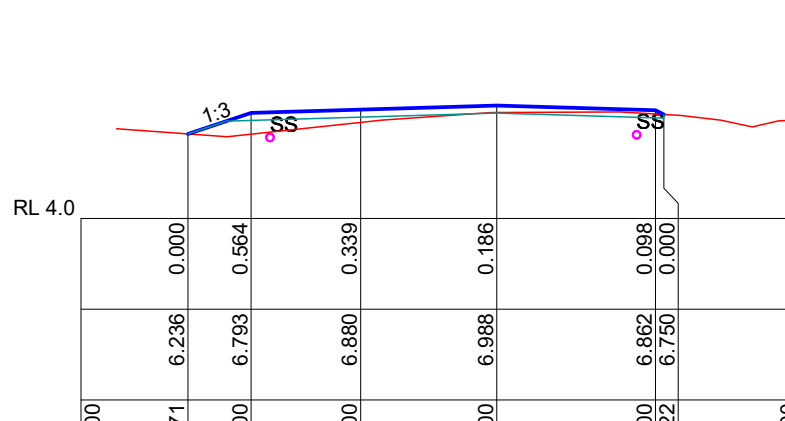
CH 400.0



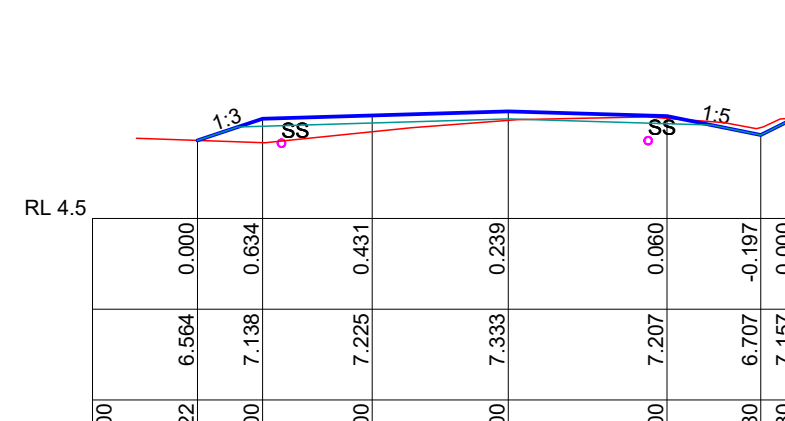
CH 425.6



CH 373.3



CH 390.0



CH 420.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

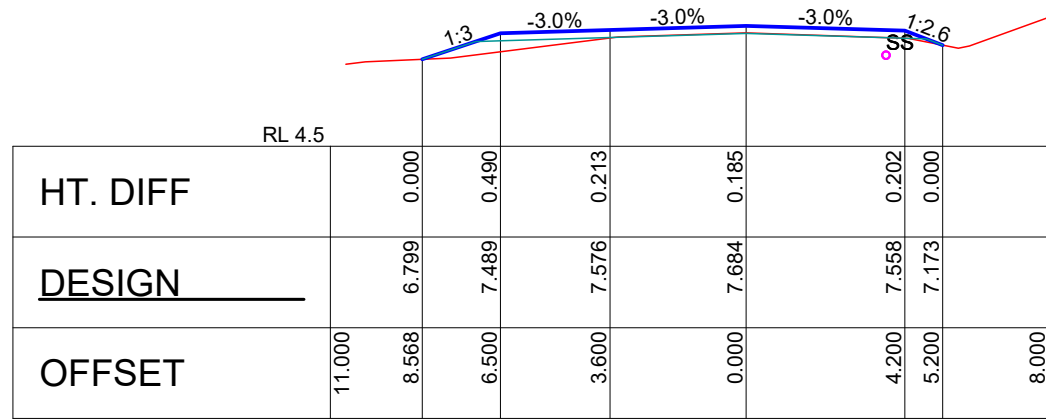
HIGHLANDS DESIGN & DRAFTING

S P FOWLER ABN 38 736 450 419 PHONE 0412 626 126 EMAIL fowlers202@gmail.com

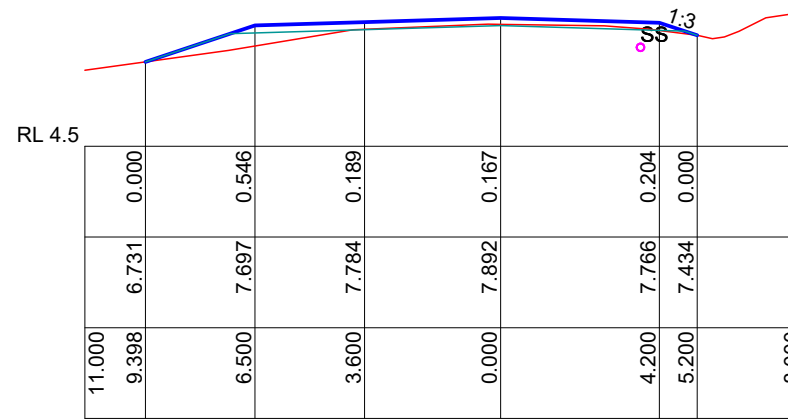


DRAWING ALEXANDRA DR CROSS SECTIONS 7
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

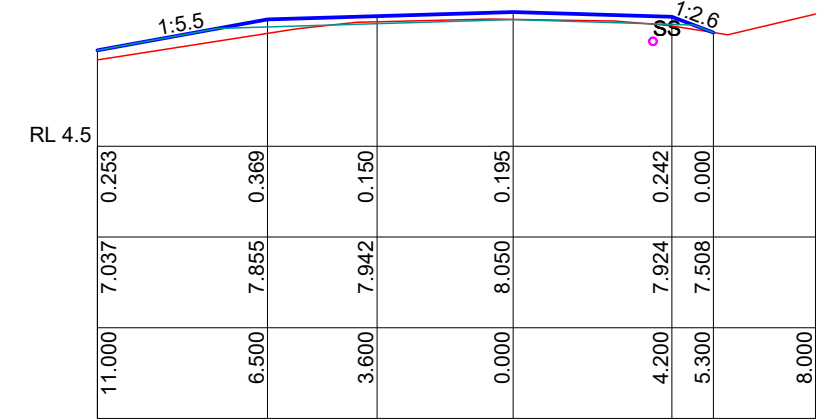
REVISION E
Dwg No NVC 01.22
SHEET 20 OF 36



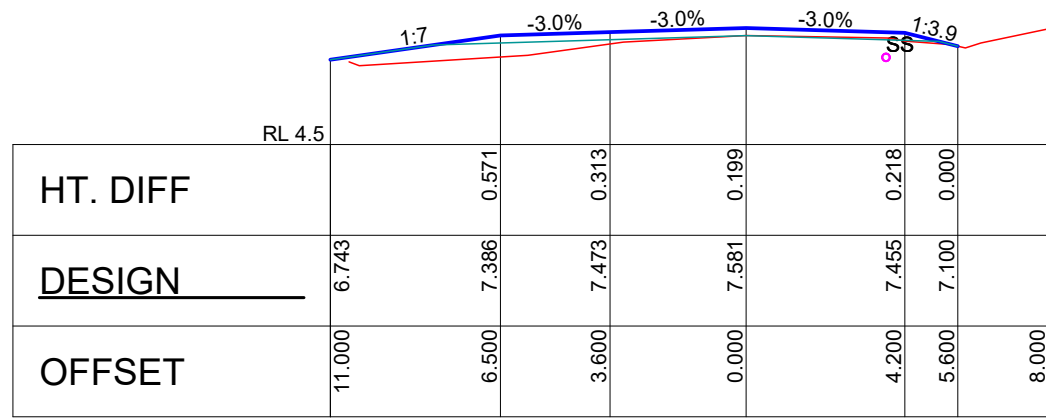
CH 450.0



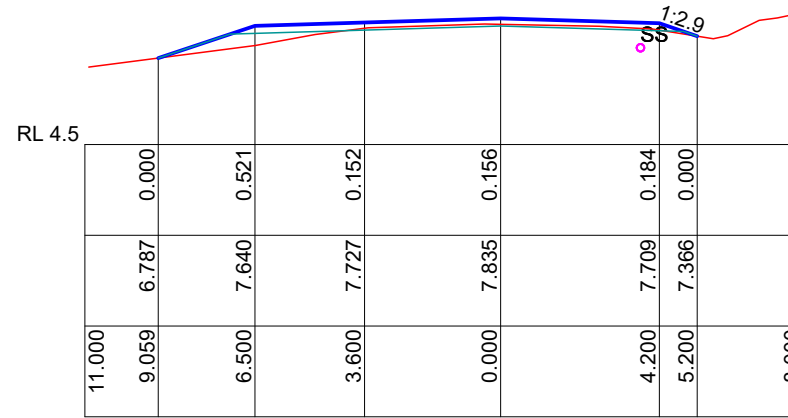
CH 480.0



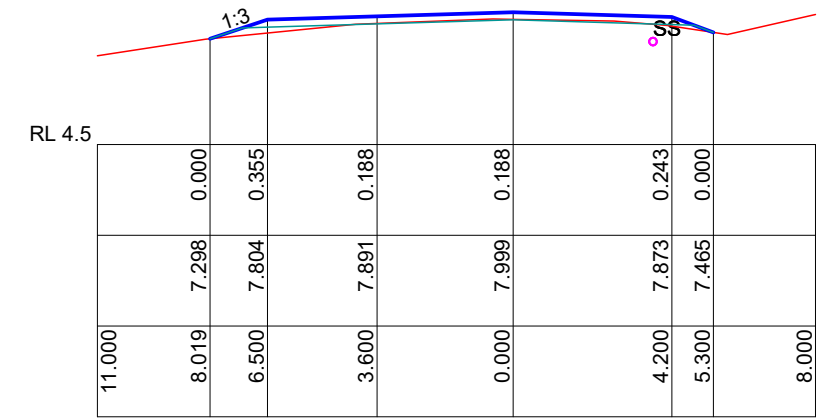
CH 510.0



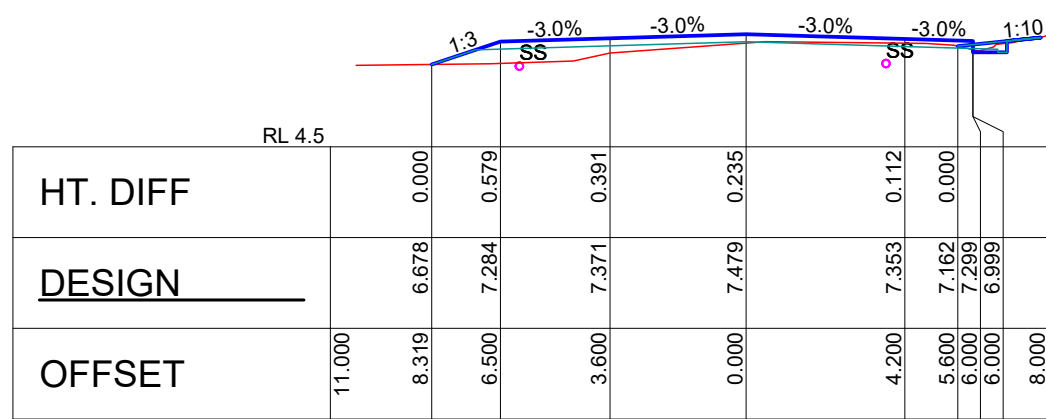
CH 440.0



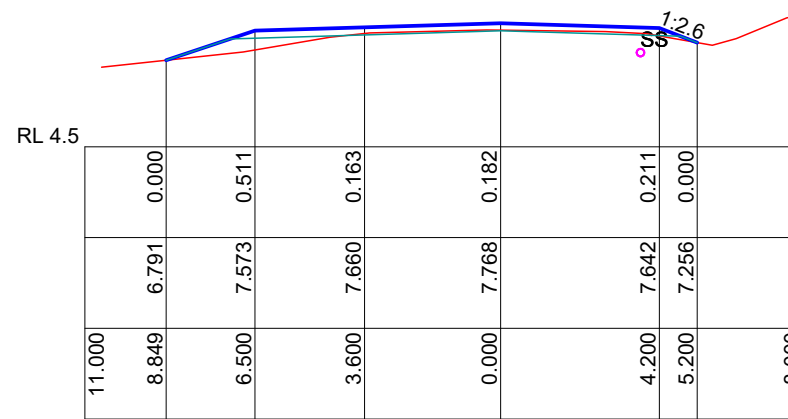
CH 470.0



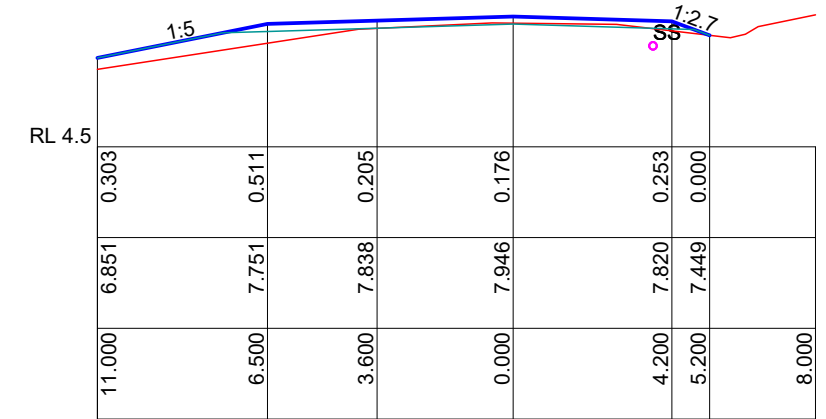
CH 500.0



CH 431.5



CH 460.0



CH 490.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

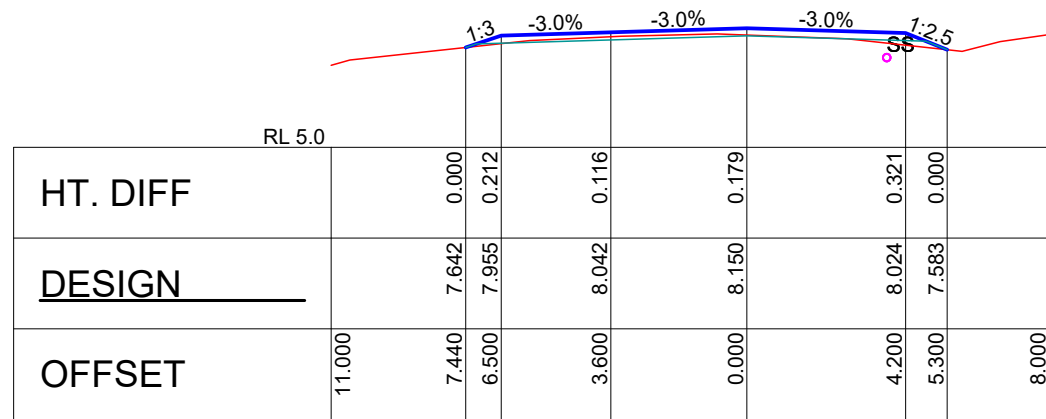
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

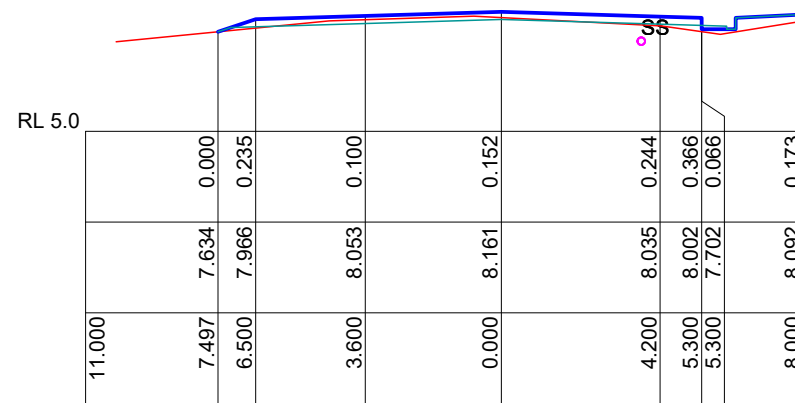


DRAWING ALEXANDRA DR CROSS SECTIONS 8
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

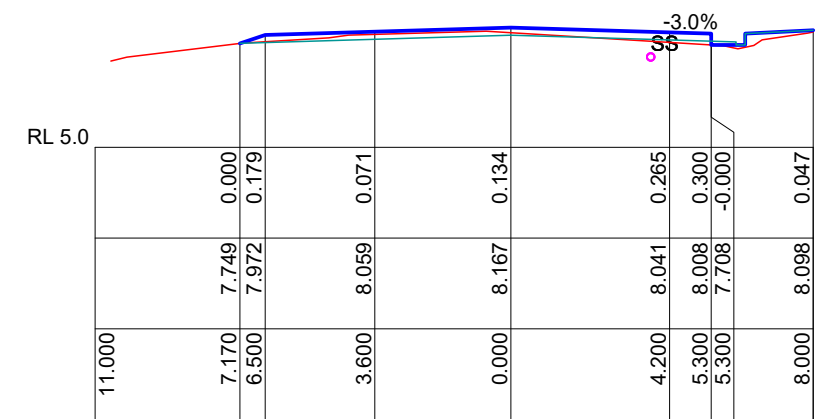
REVISION E
Dwg No NVC 01.22
SHEET 21 OF 36



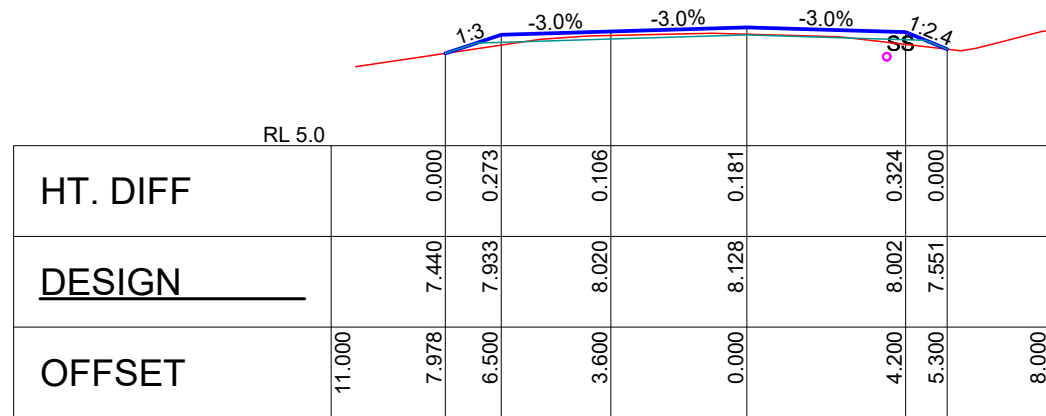
CH 540.0



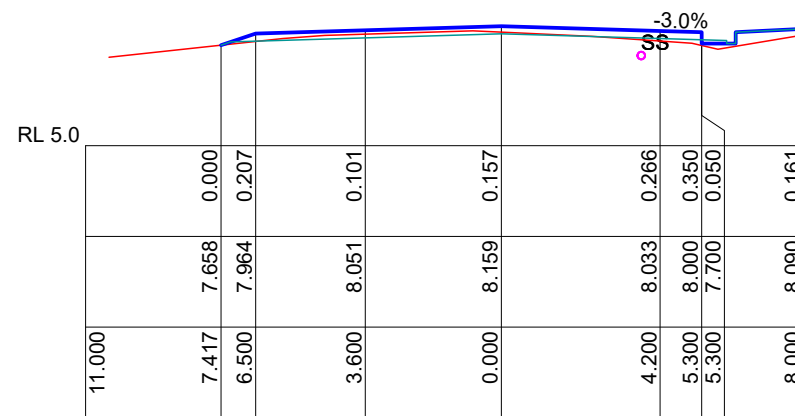
CH 550.0



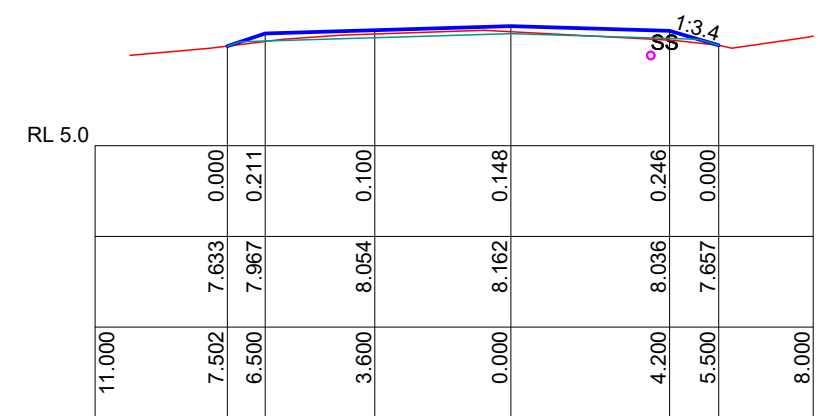
CH 559.5



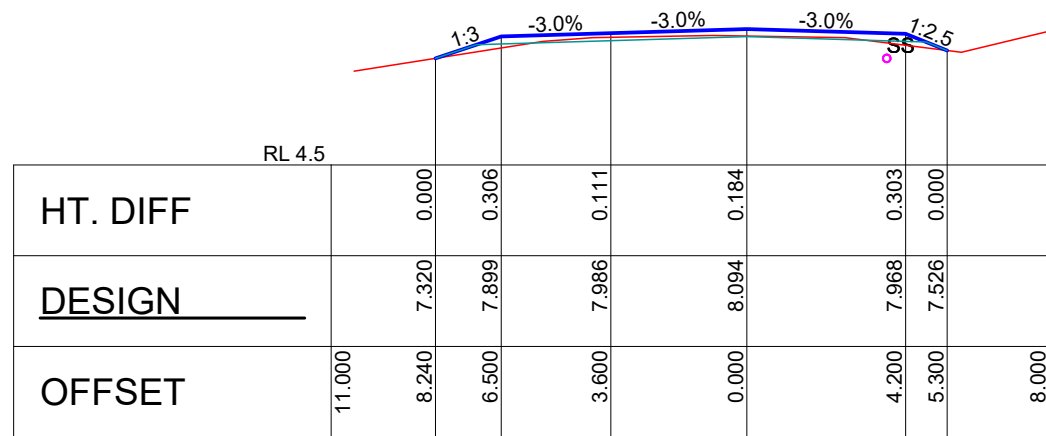
CH 530.0



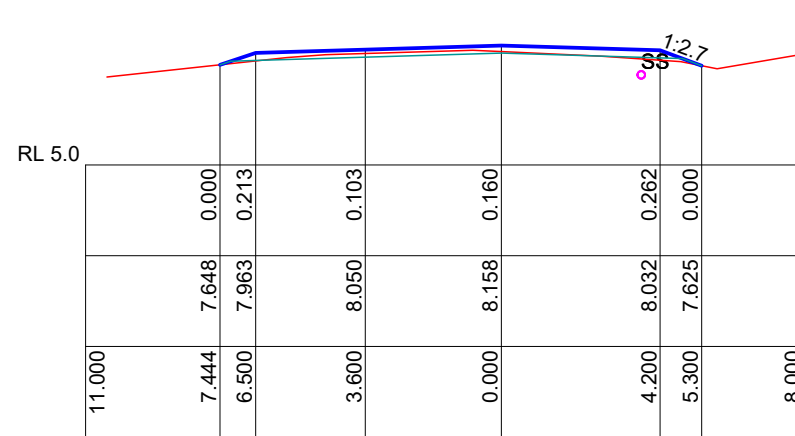
CH 546.7



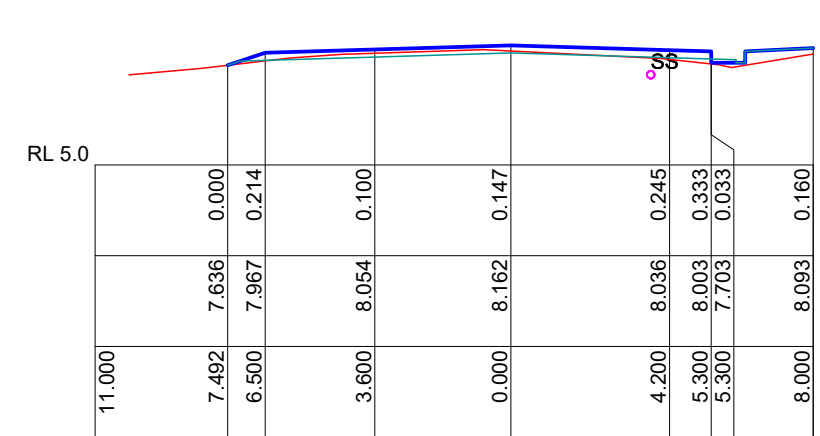
CH 552.0



CH 520.0



CH 546.0



CH 551.5

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

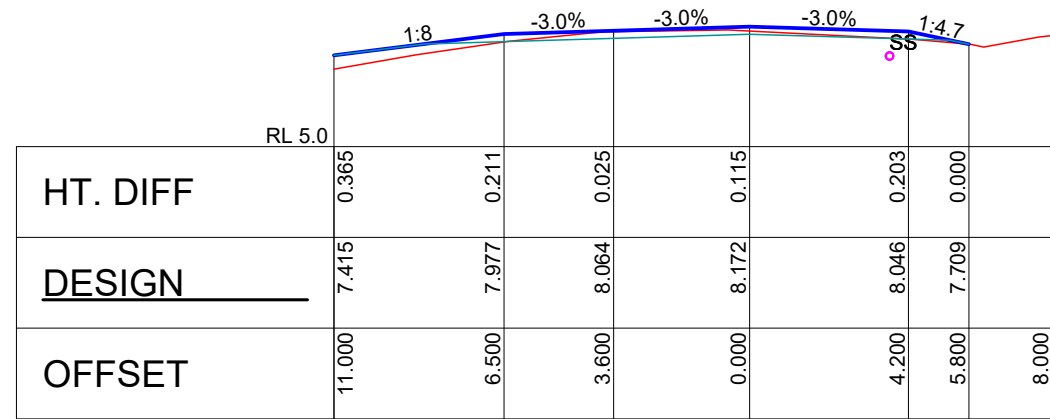
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

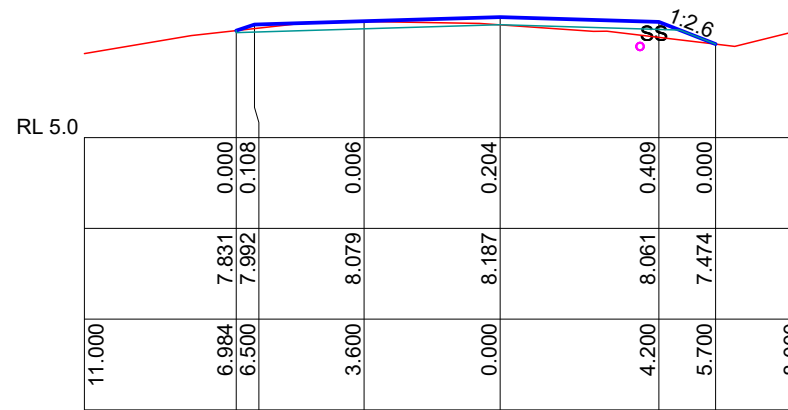


DRAWING ALEXANDRA DR CROSS SECTIONS 9
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

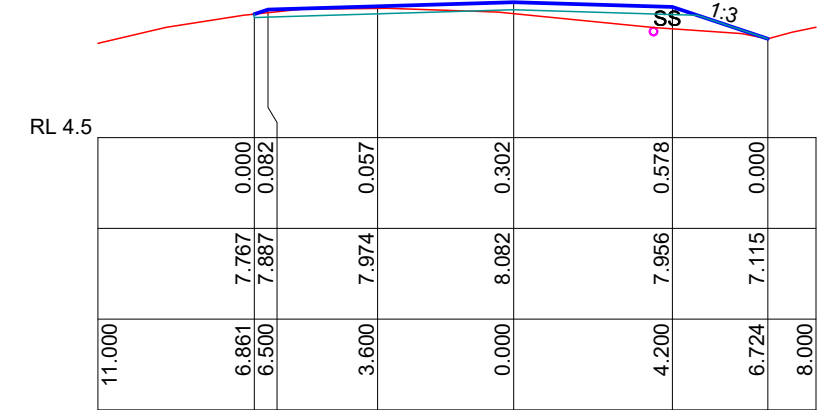
REVISION E
Dwg No NVC 01.22
SHEET 22 OF 36



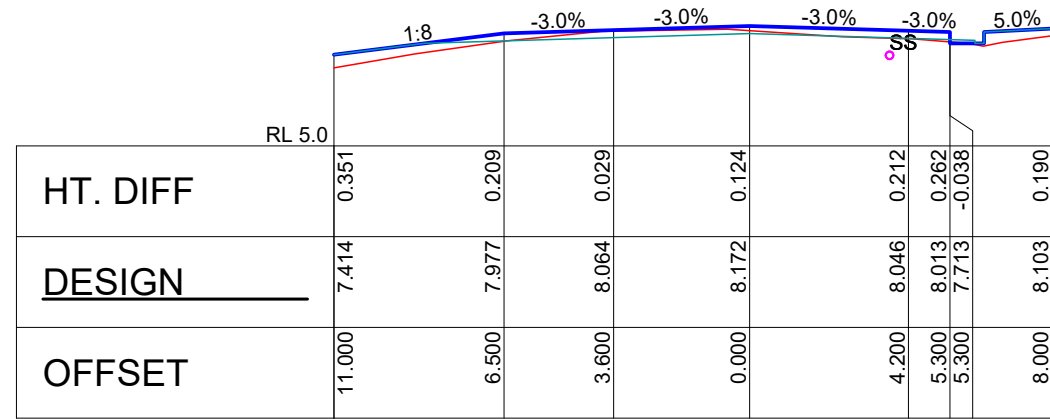
CH 566.0



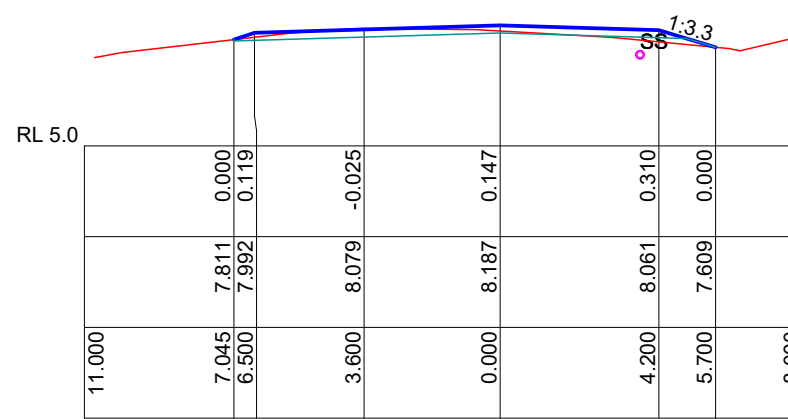
CH 590.0



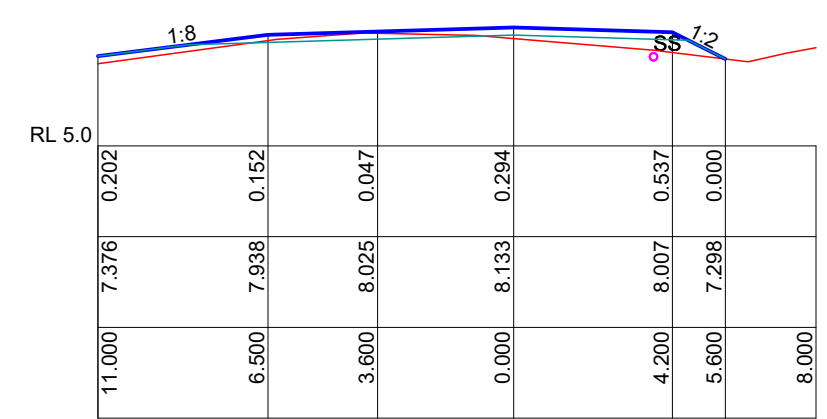
CH 620.0



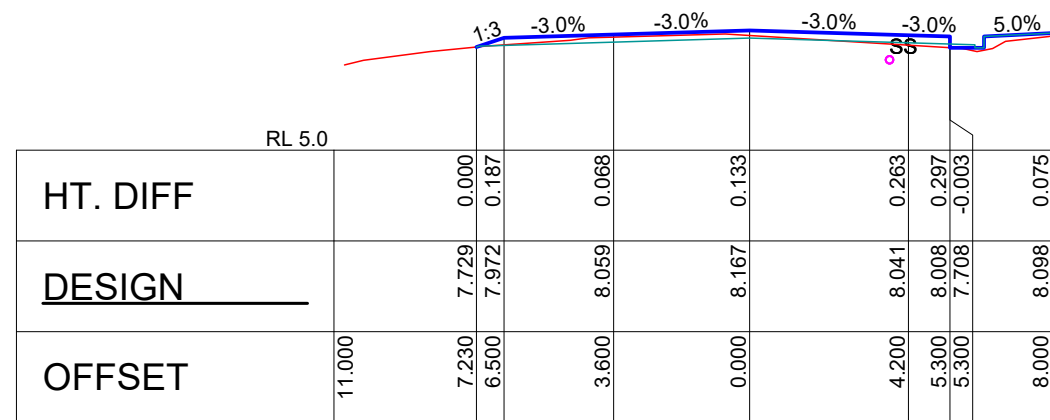
CH 565.5



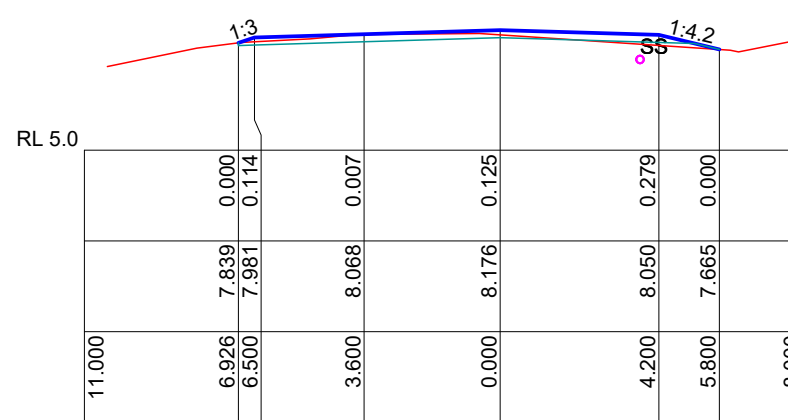
CH 580.0



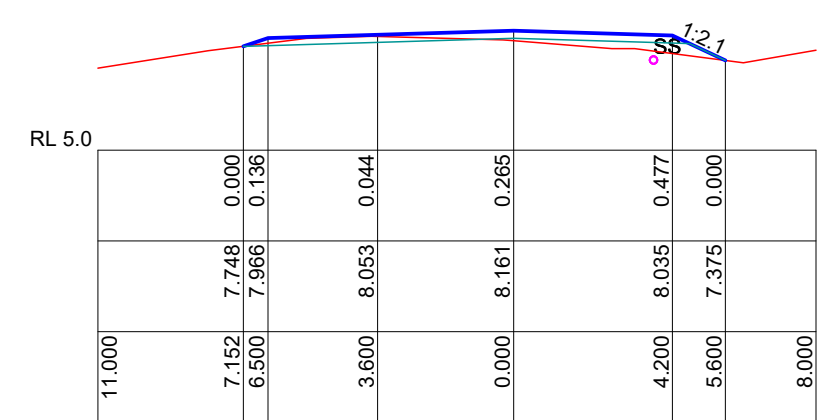
CH 607.0



CH 560.0



CH 570.0



CH 600.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

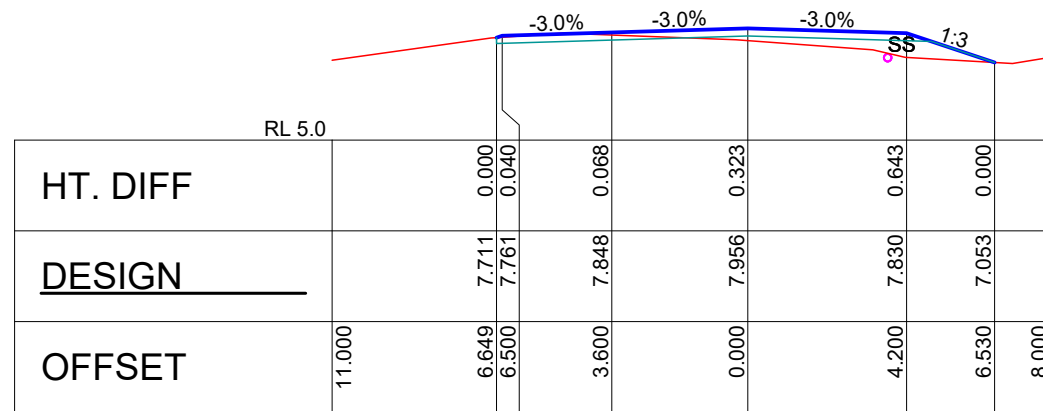
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

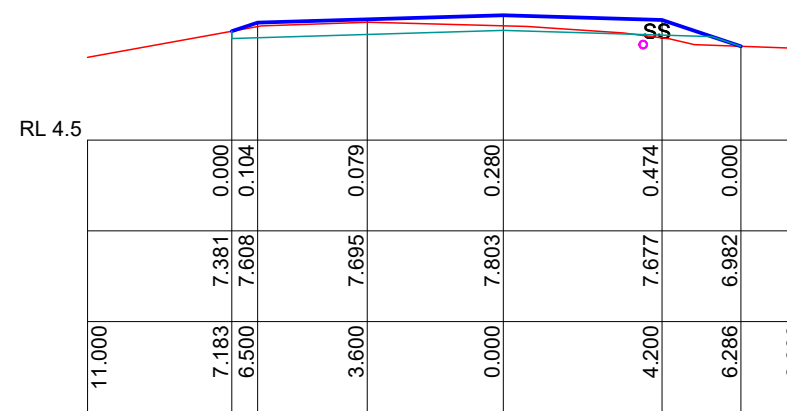


DRAWING ALEXANDRA DR CROSS SECTIONS 10
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

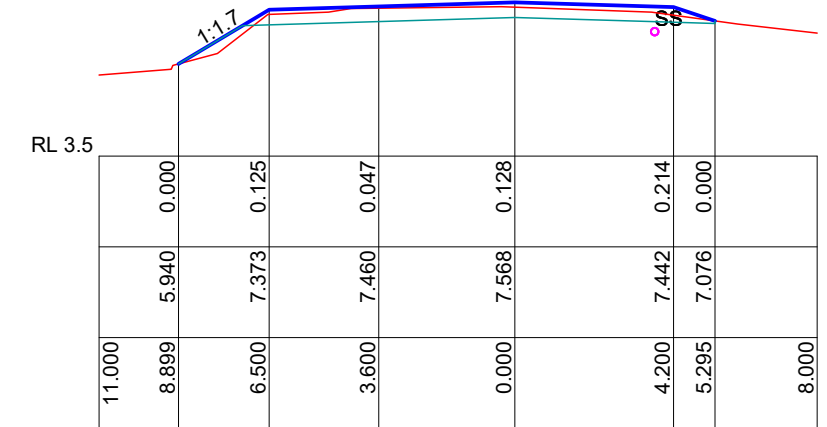
REVISION E
Dwg No NVC 01.22
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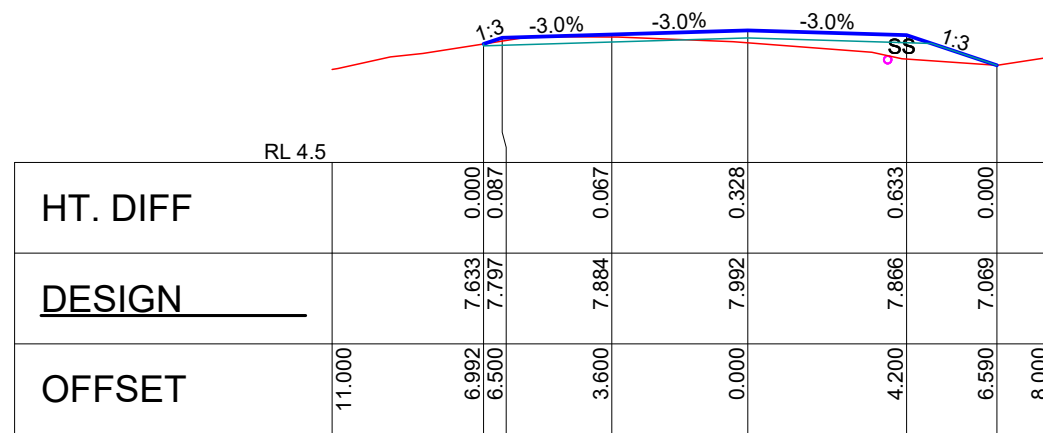
CH 645.0



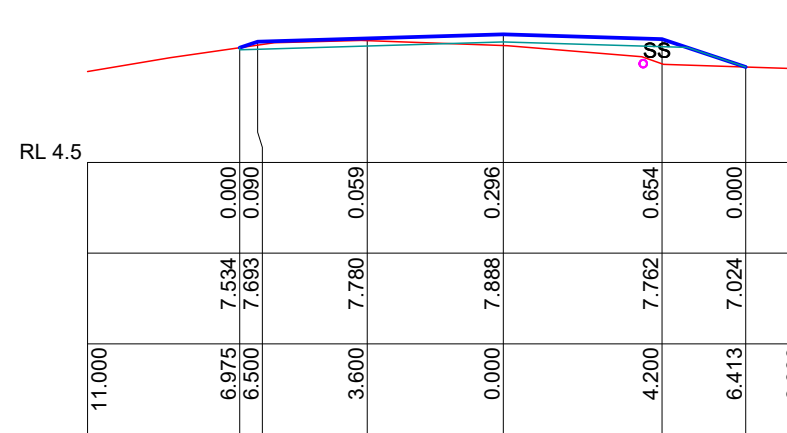
CH 660.0



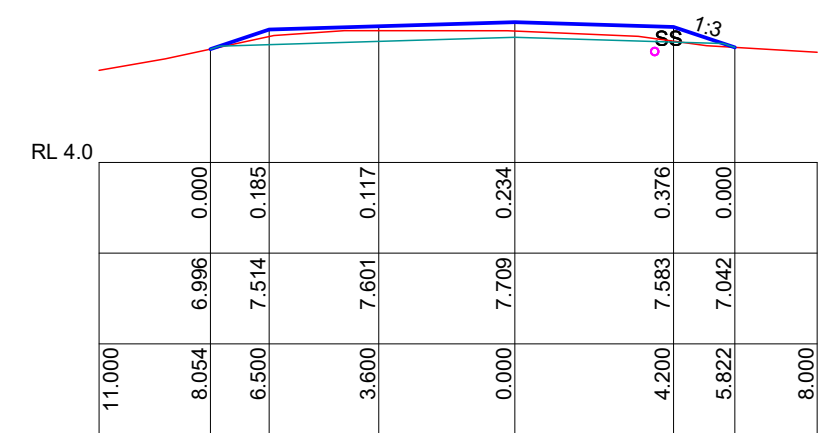
CH 680.0



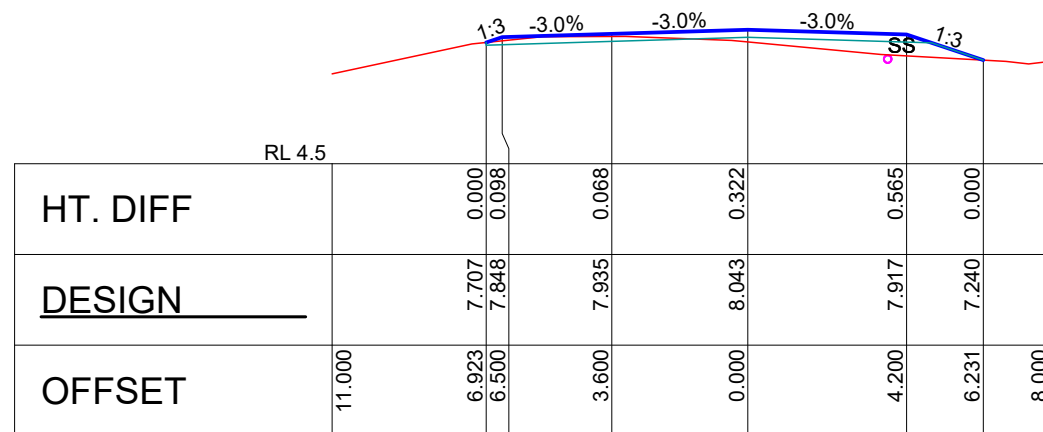
CH 640.0



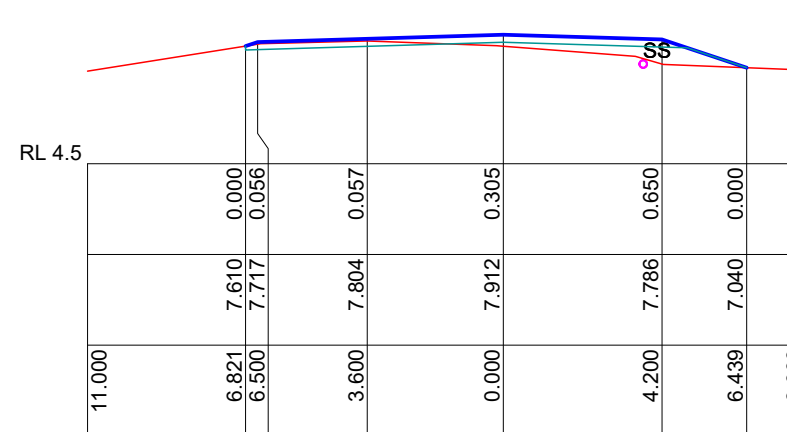
CH 652.5



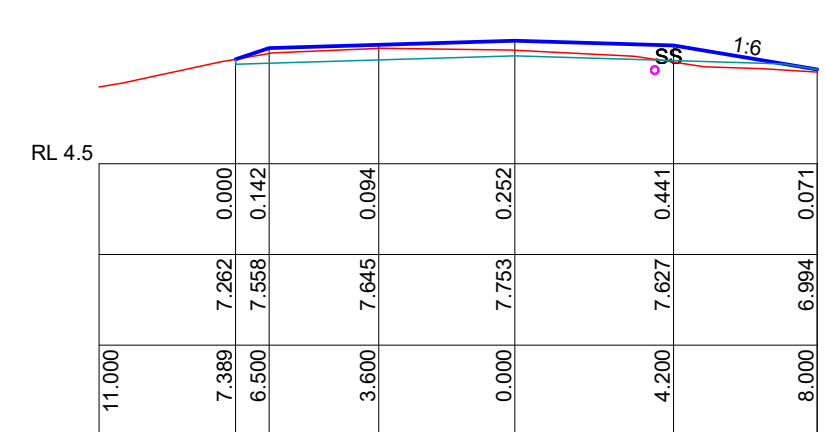
CH 667.5



CH 630.0



CH 650.0



CH 664.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

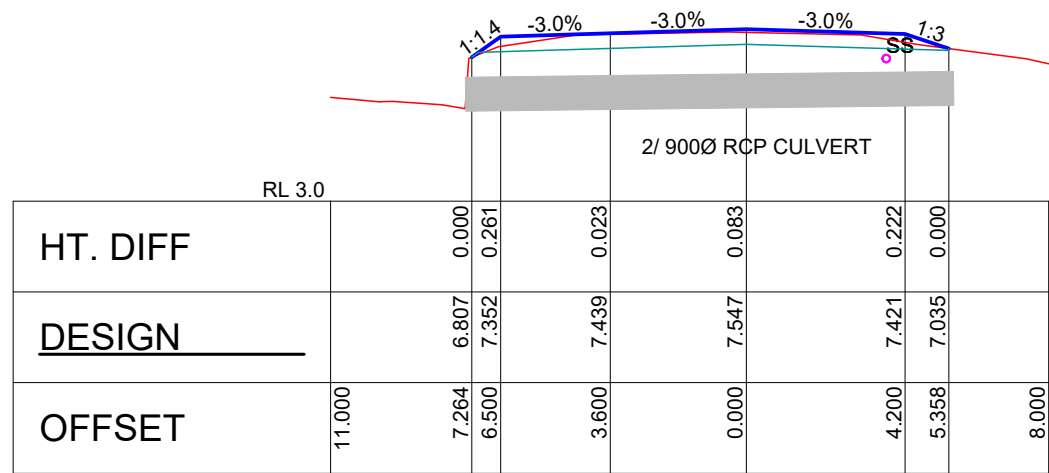
HIGHLANDS DESIGN & DRAFTING



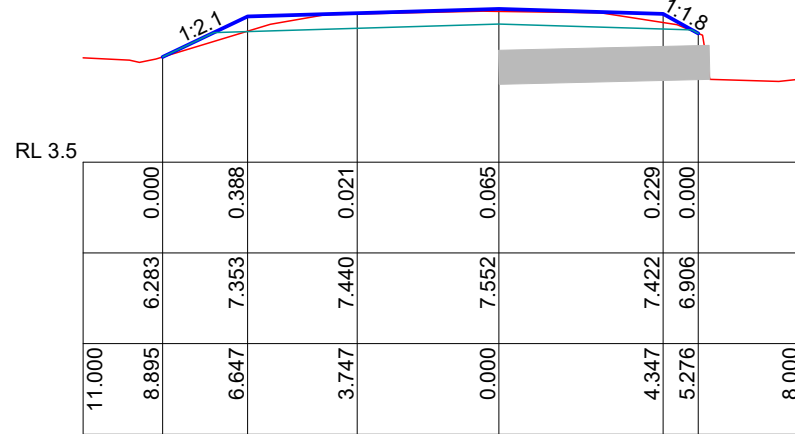
S P FOWLER
ABN 38 736 450 419
PHONE 0412 626 126
EMAIL fowlers202@gmail.com

DRAWING ALEXANDRA DR CROSS SECTIONS 11
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

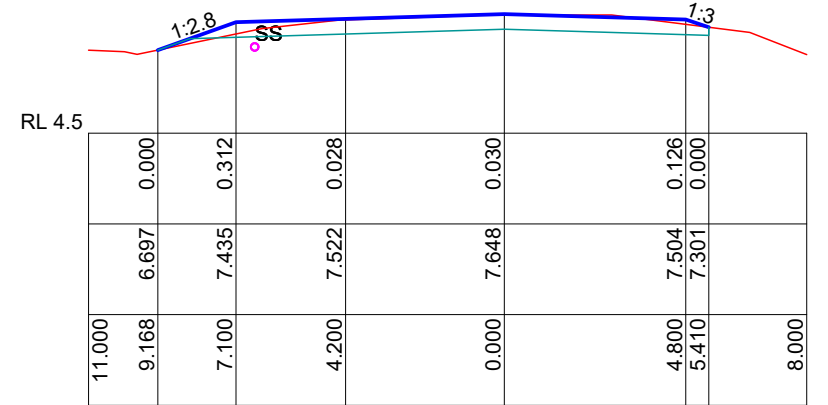
REVISION E
Dwg No NVC 01.22
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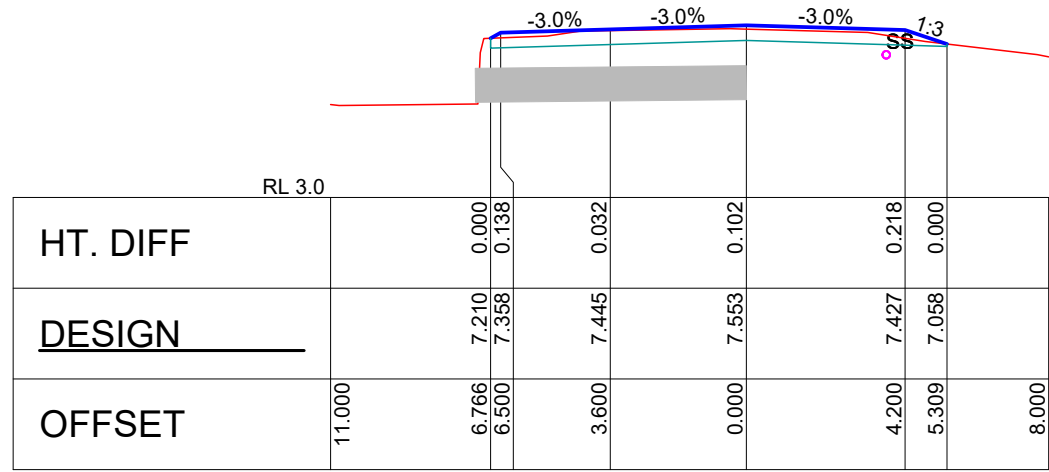
CH 685.1



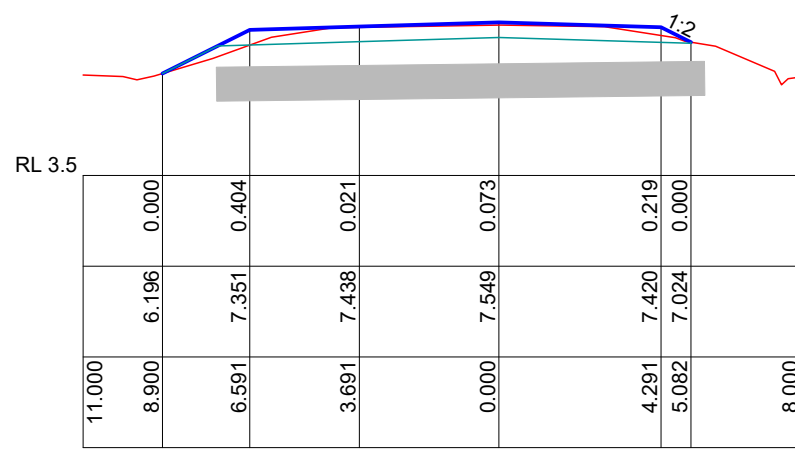
CH 689.5



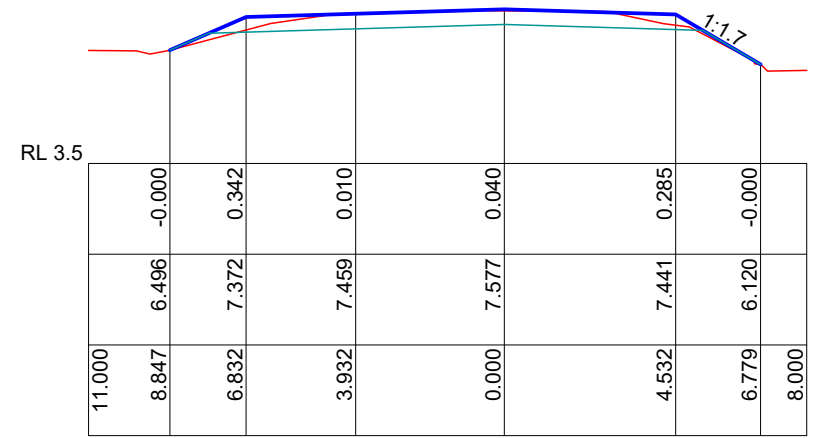
CH 700.0



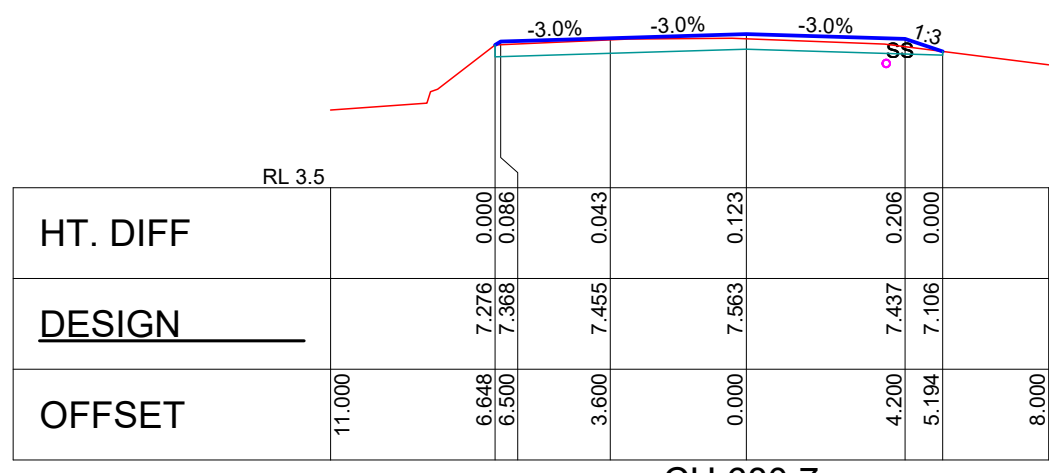
CH 682.7



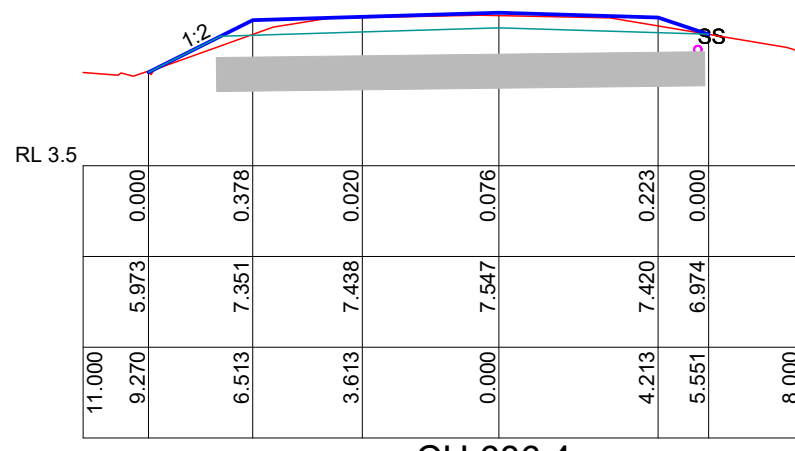
CH 688.2



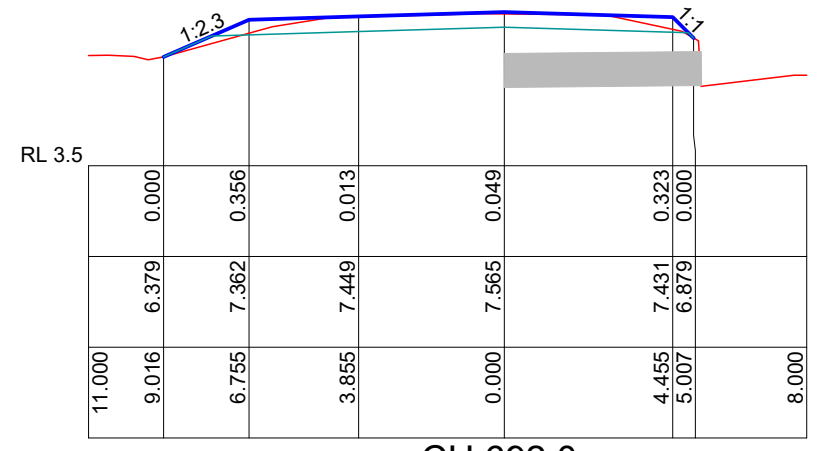
CH 693.8



CH 680.7



CH 686.4



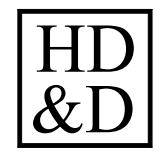
CH 692.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

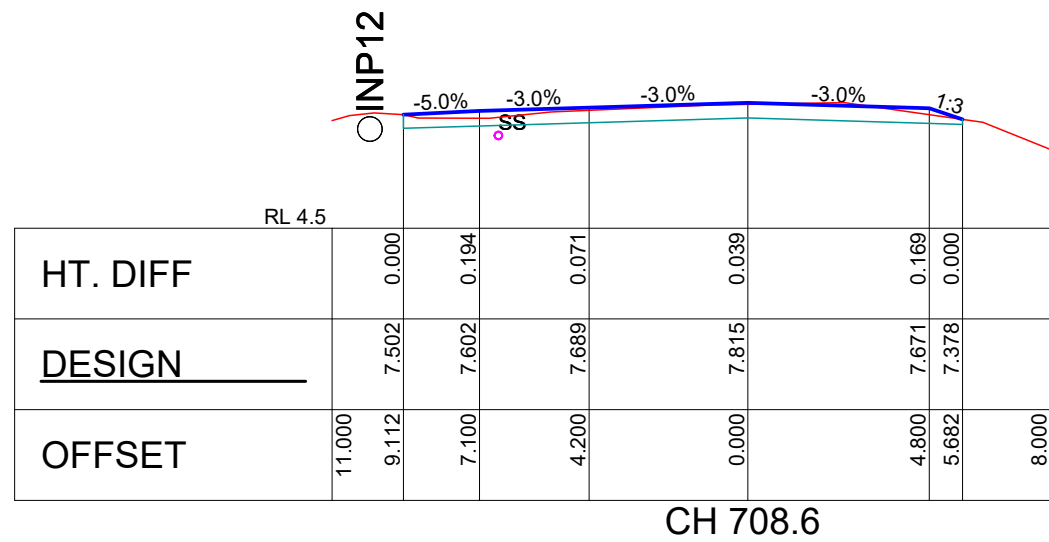
HIGHLANDS DESIGN & DRAFTING

S P FOWLER PHONE 0412 626 126
 ABN 38 736 450 419 EMAIL fowlers202@gmail.com

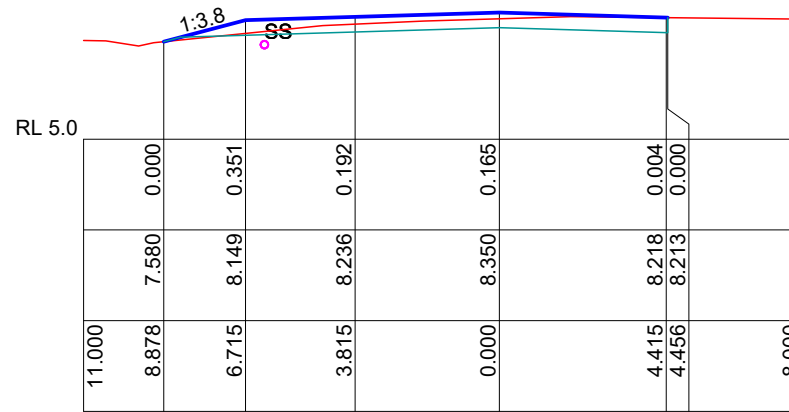


DRAWING ALEXANDRA DR CROSS SECTIONS 12
 PROJECT ROAD & INTERSECTION UPGRADE
 ALEXANDRA DRIVE, BELLWOOD
 NAMBUCCA VALLEY COUNCIL

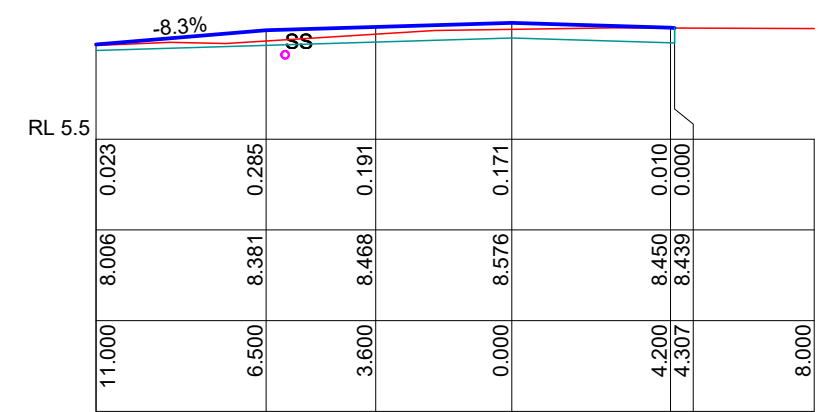
REVISION E
Dwg No NVC 01.22
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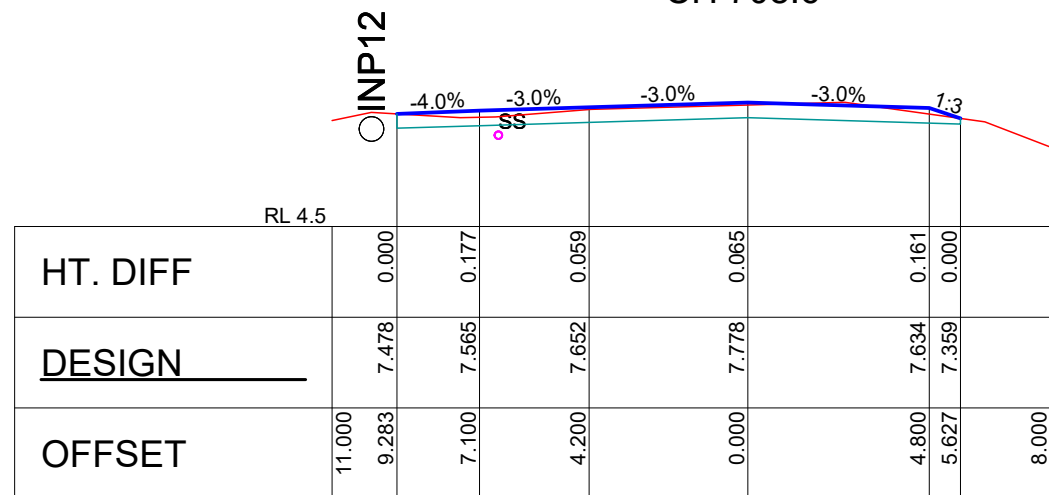
CH 708.6



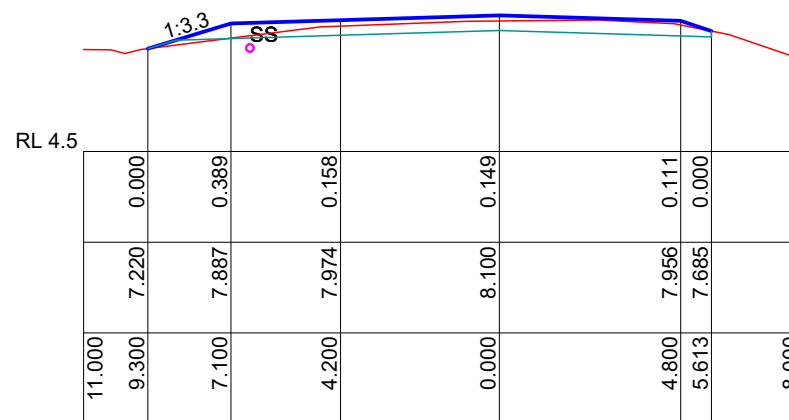
CH 730.0



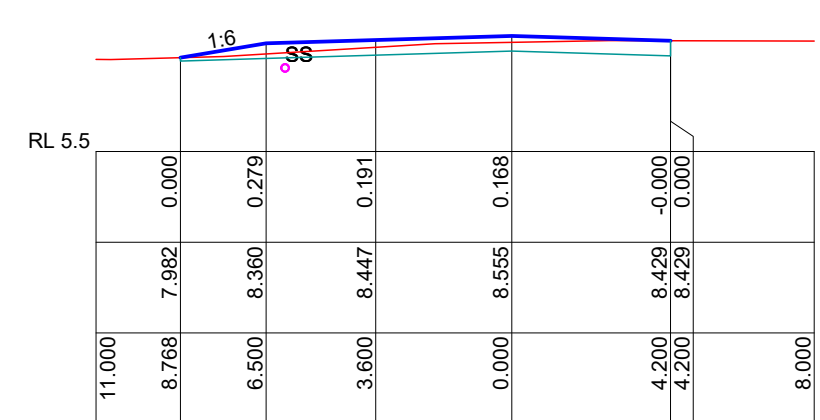
CH 737.5



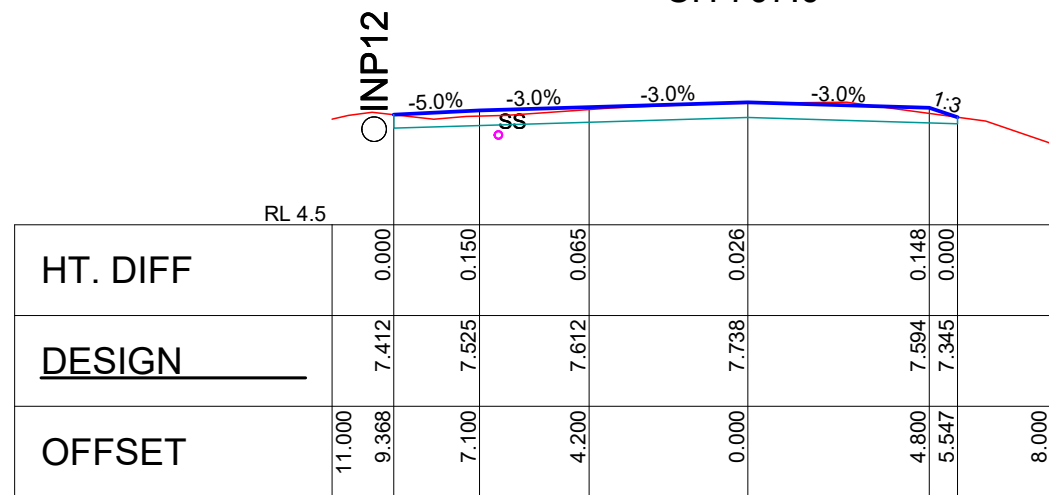
CH 707.0



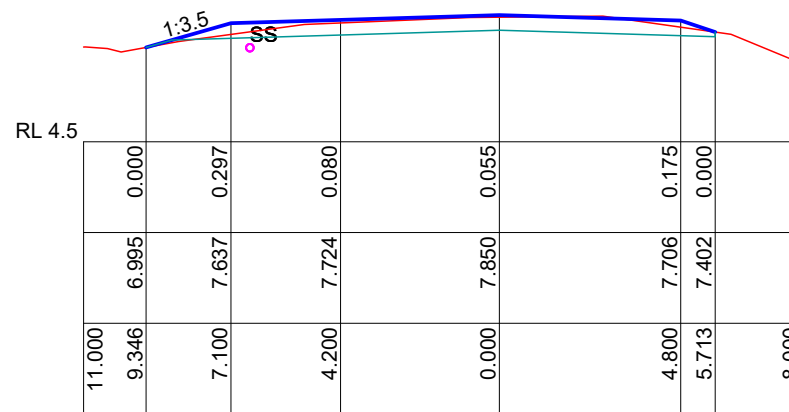
CH 720.0



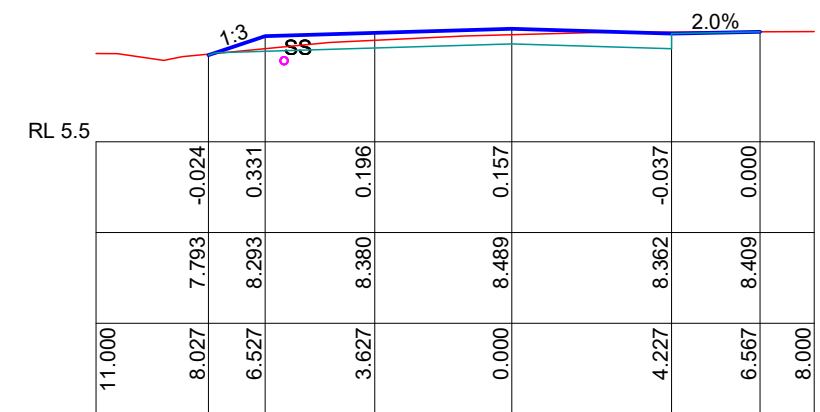
CH 736.9



CH 705.1



CH 710.0



CH 734.9

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

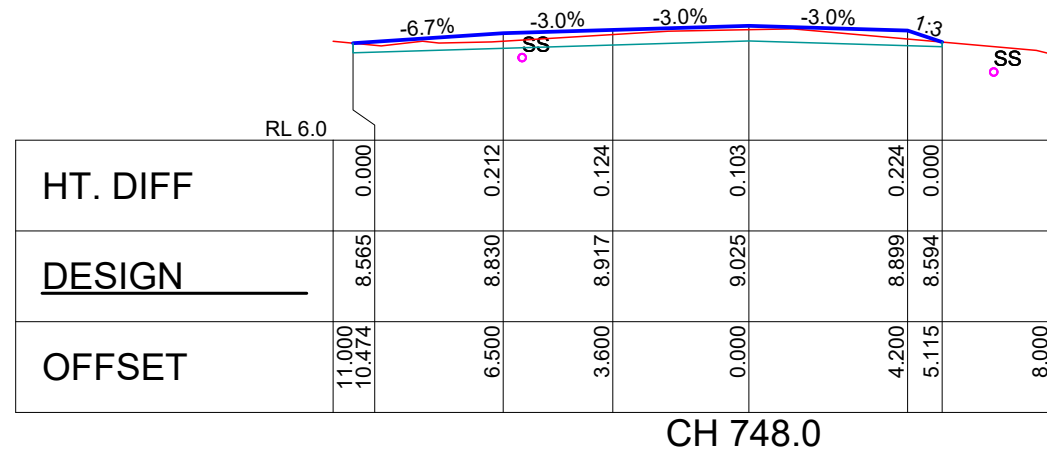
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

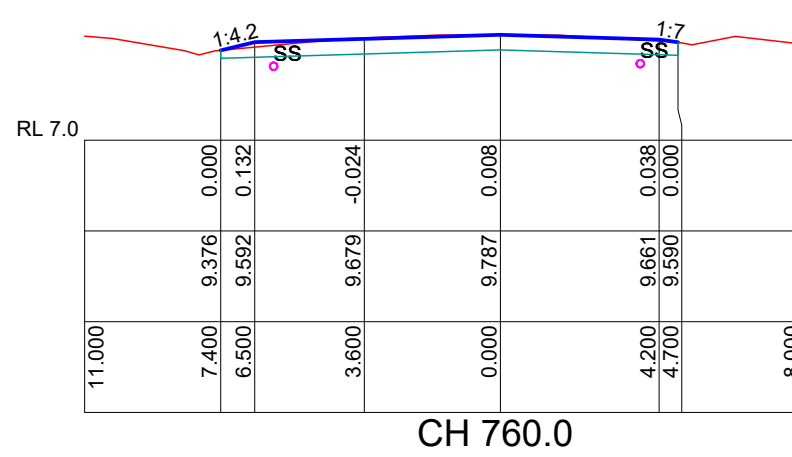


DRAWING ALEXANDRA DR CROSS SECTIONS 13
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

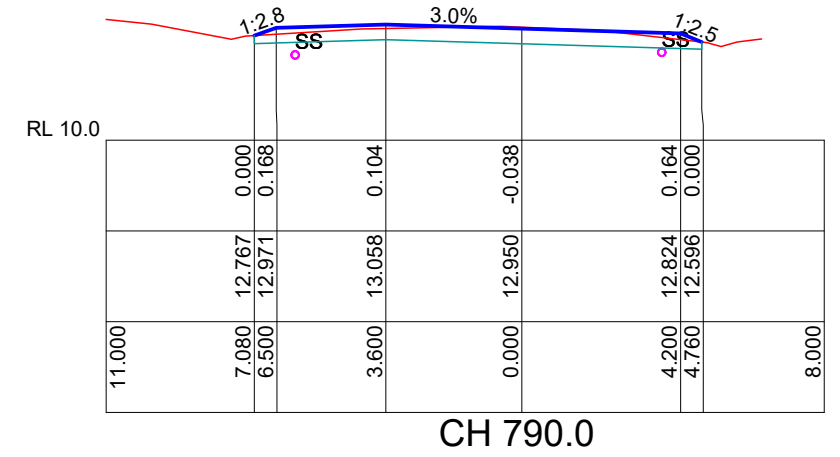
REVISION E
Dwg No NVC 01.22
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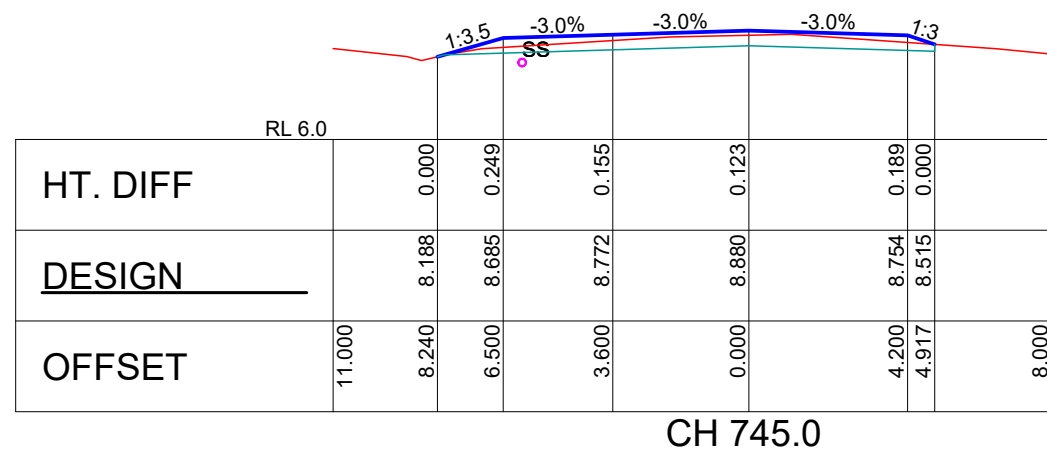
CH 748.0



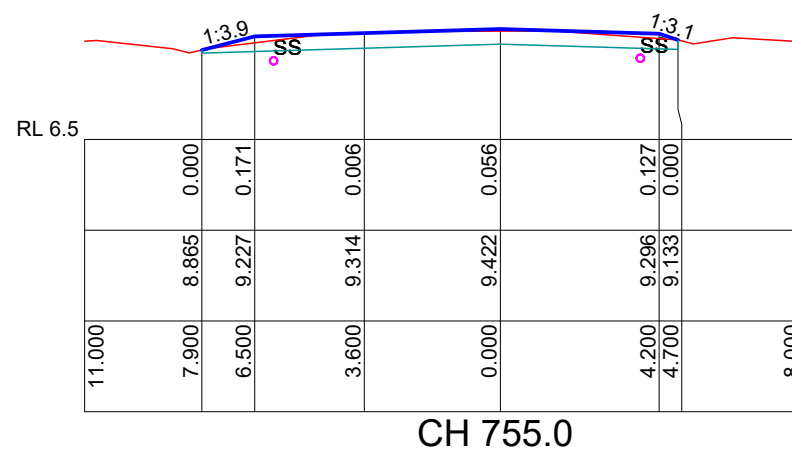
CH 760.0



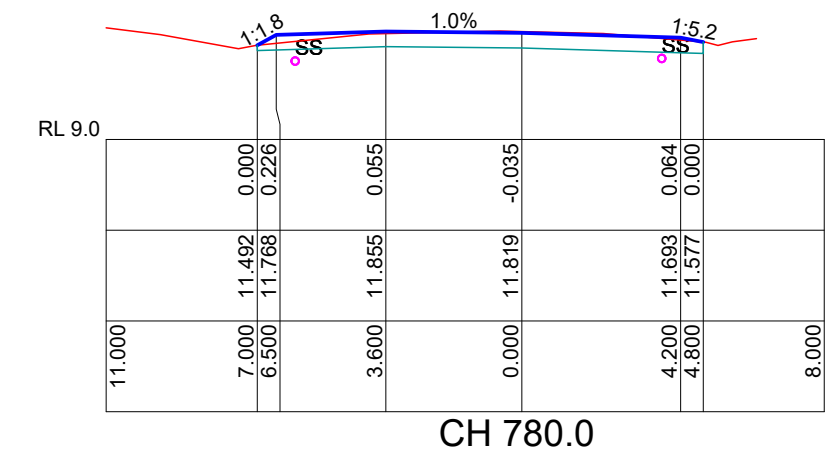
CH 790.0



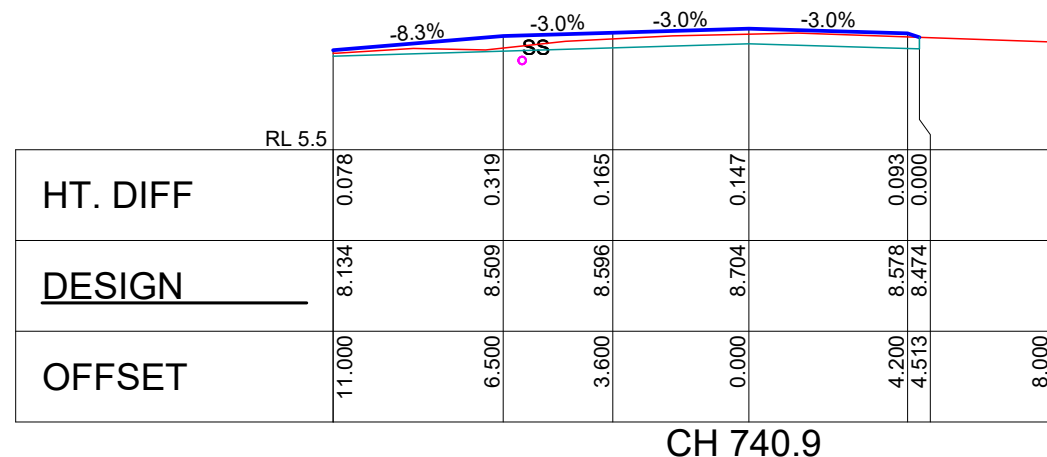
CH 745.0



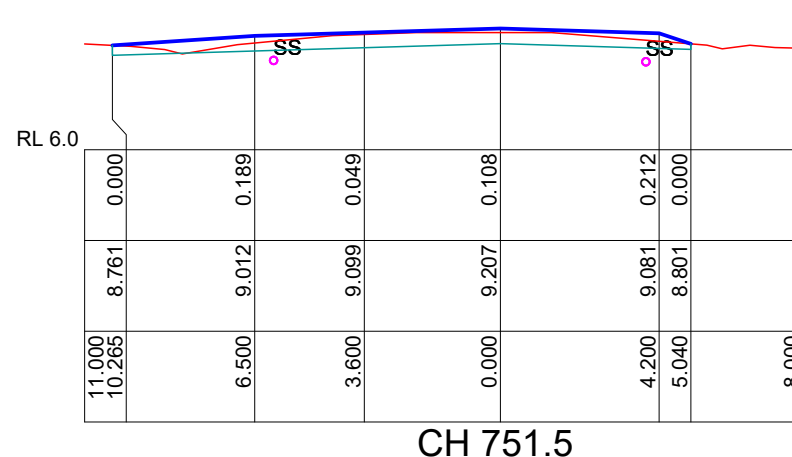
CH 755.0



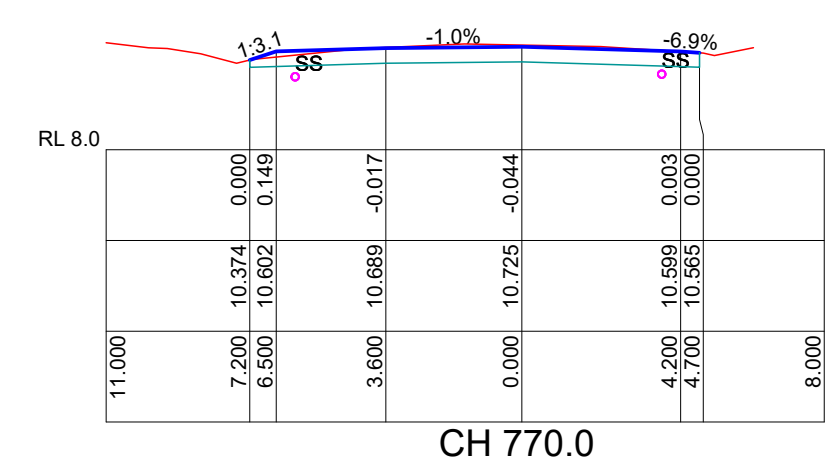
CH 780.0



CH 740.9



CH 751.5



CH 770.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

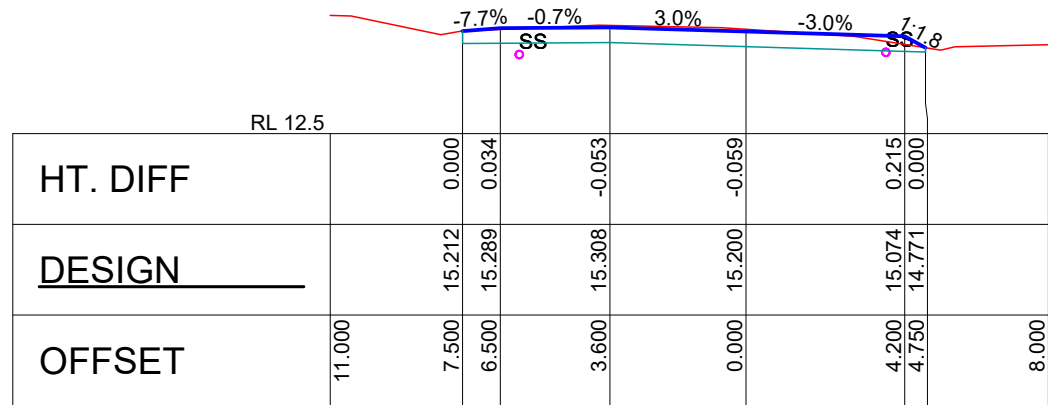
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

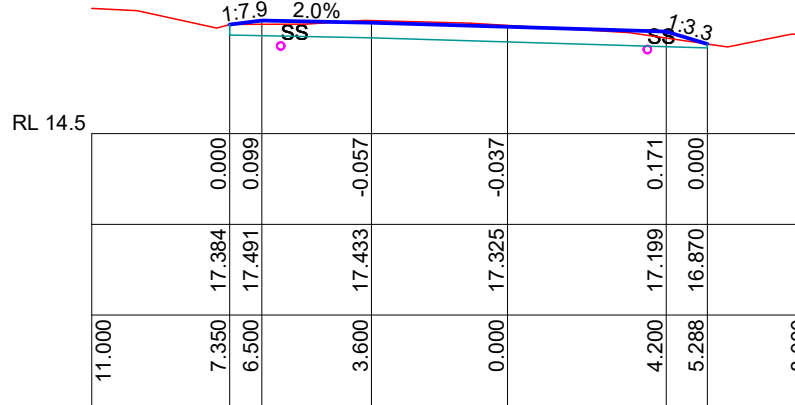


DRAWING ALEXANDRA DR CROSS SECTIONS 14
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

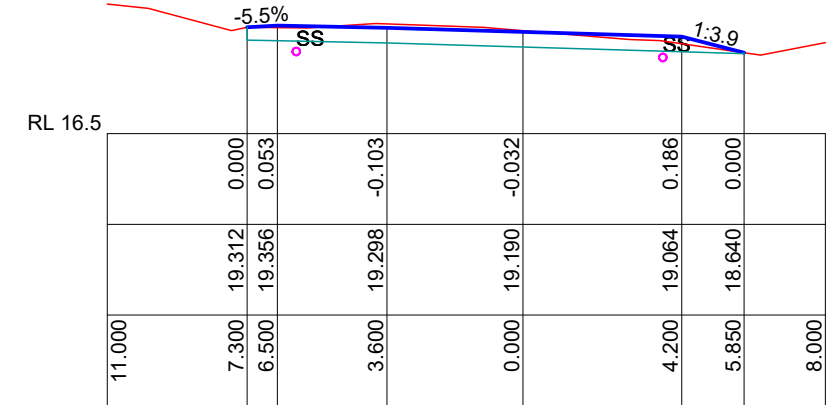
REVISION E
Dwg No NVC 01.22
SHEET 27 OF 36



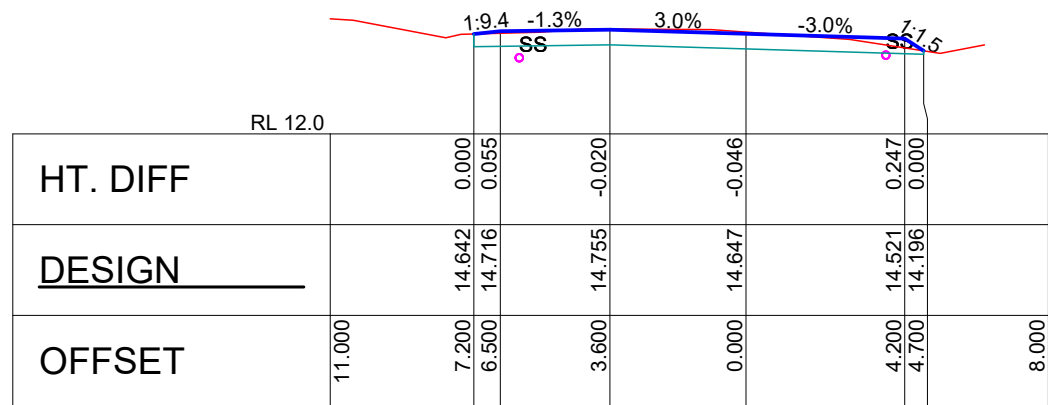
CH 810.0



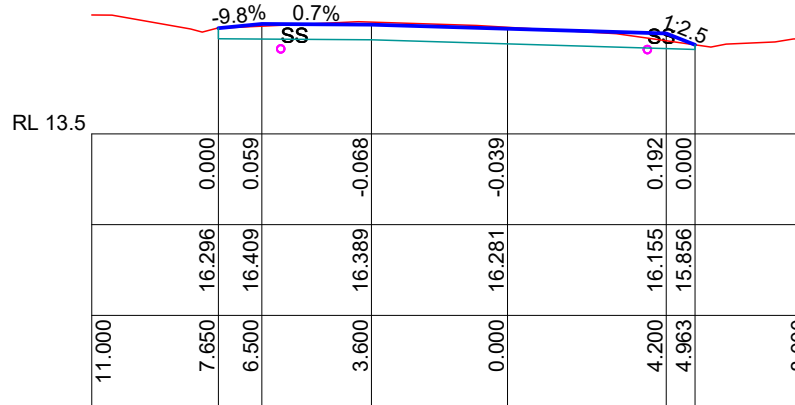
CH 830.0



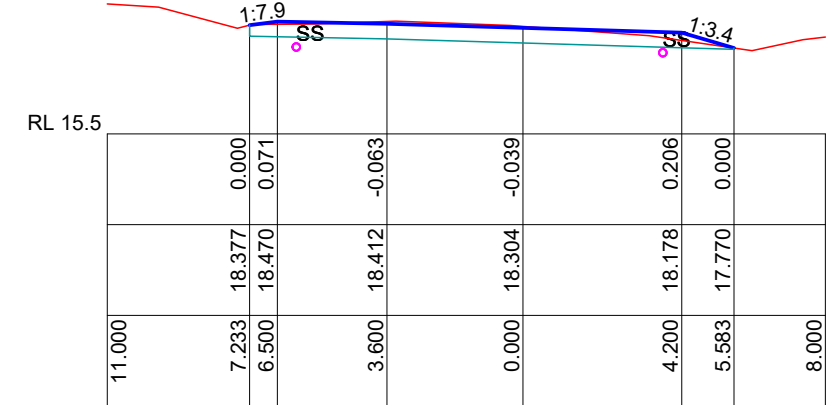
CH 850.0



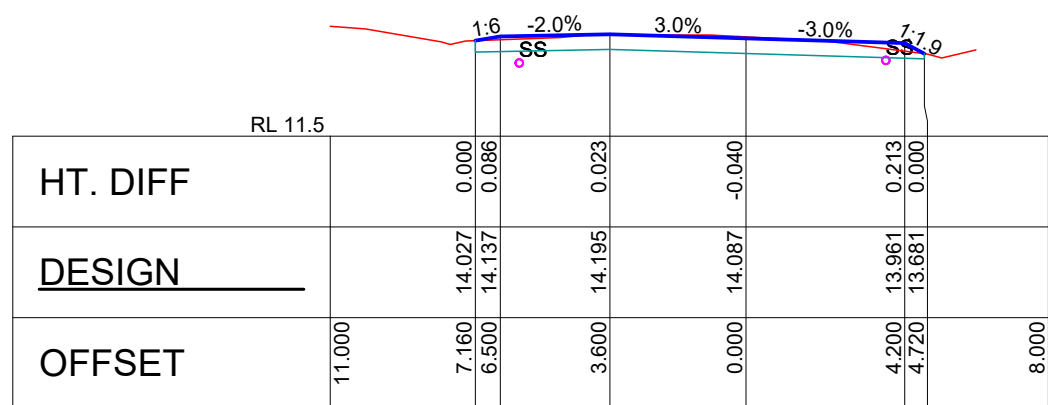
CH 805.0



CH 820.0



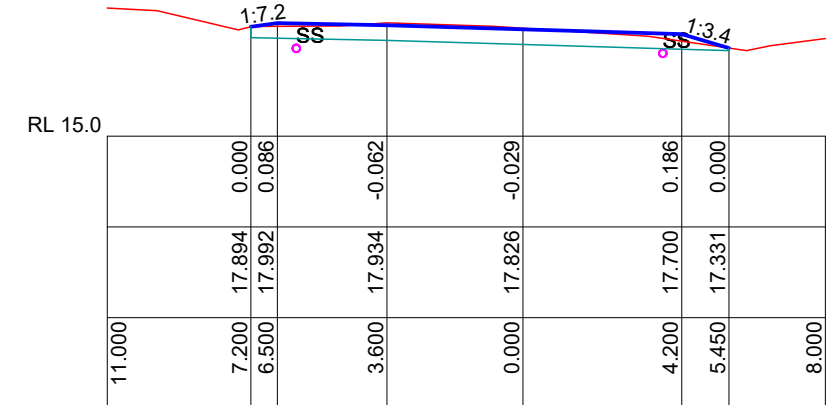
CH 840.0



CH 800.0



CH 815.0



CH 835.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

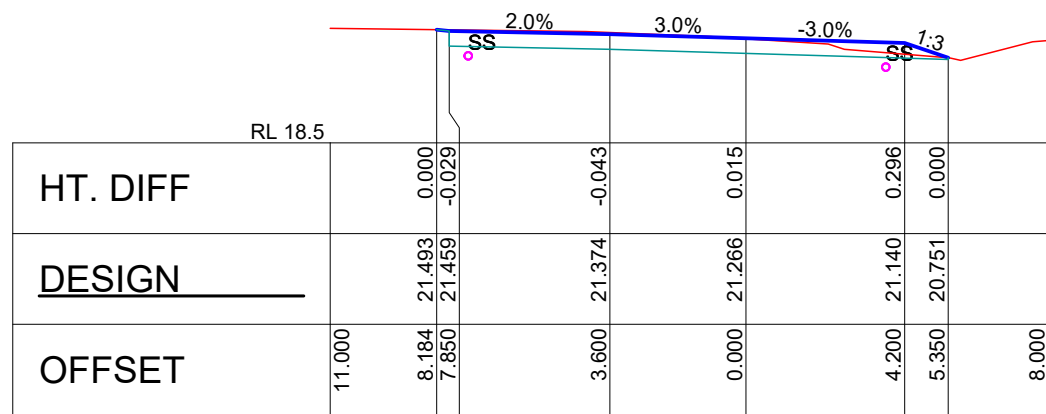
HIGHLANDS DESIGN
& DRAFTING

S P FOWLER PHONE 0412 626 126
ABN 38 736 450 419 EMAIL fowlers202@gmail.com

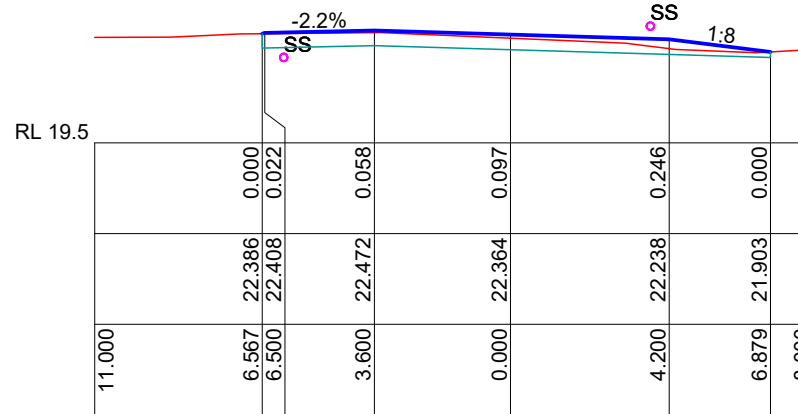


DRAWING ALEXANDRA DR CROSS SECTIONS 15
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

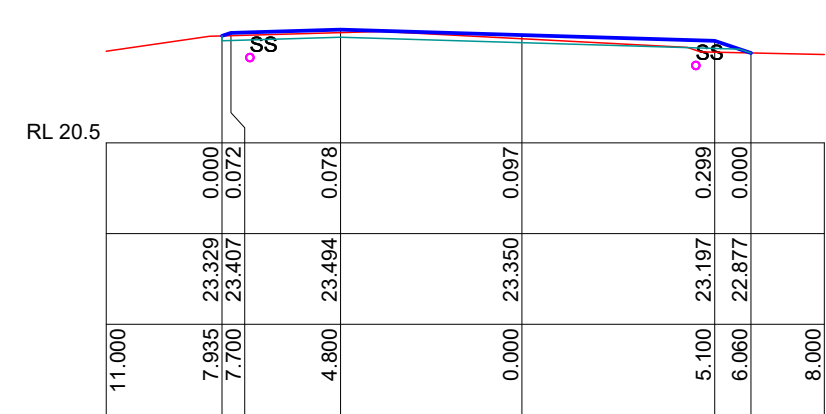
REVISION E
Dwg No NVC 01.22
SHEET 28 OF 36



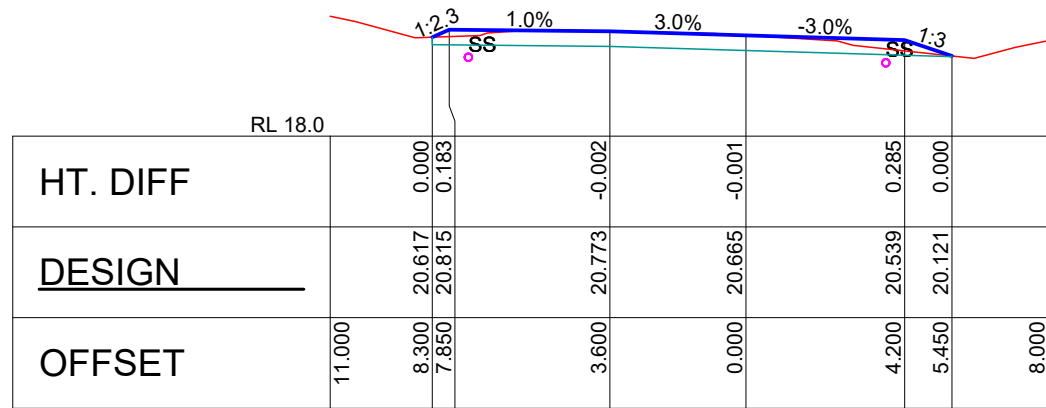
CH 880.0



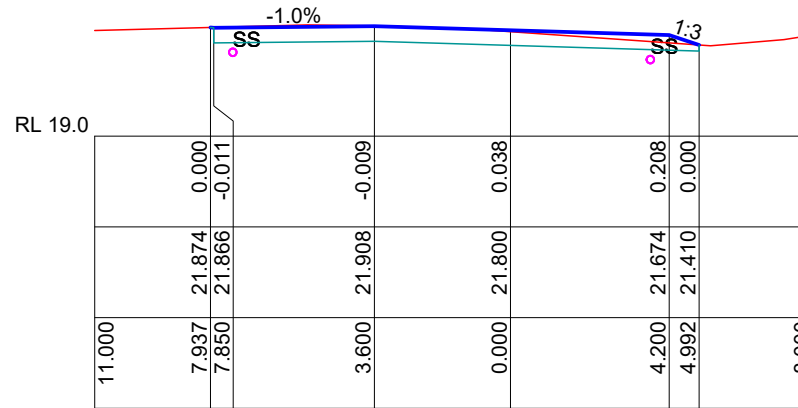
CH 902.0



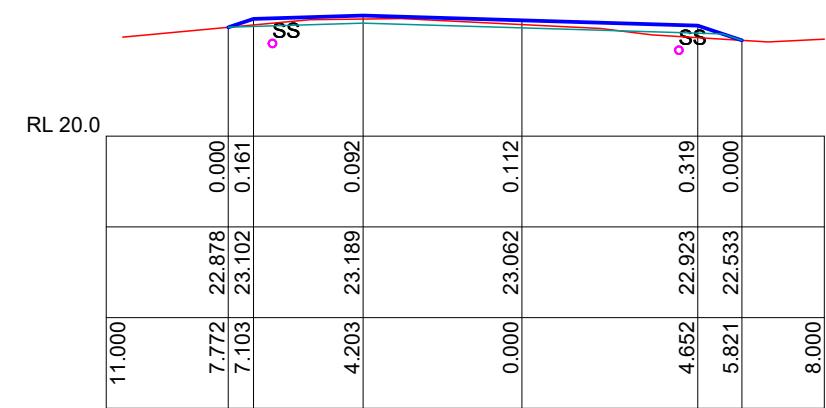
CH 930.0



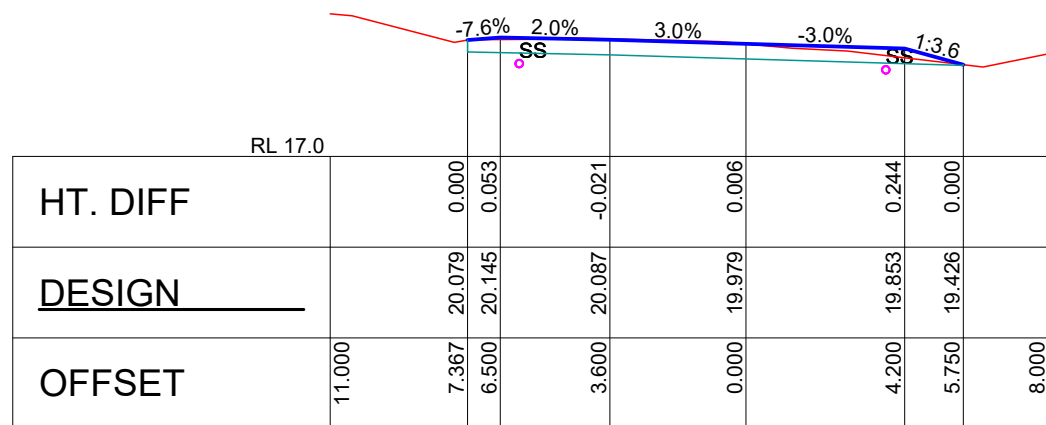
CH 870.0



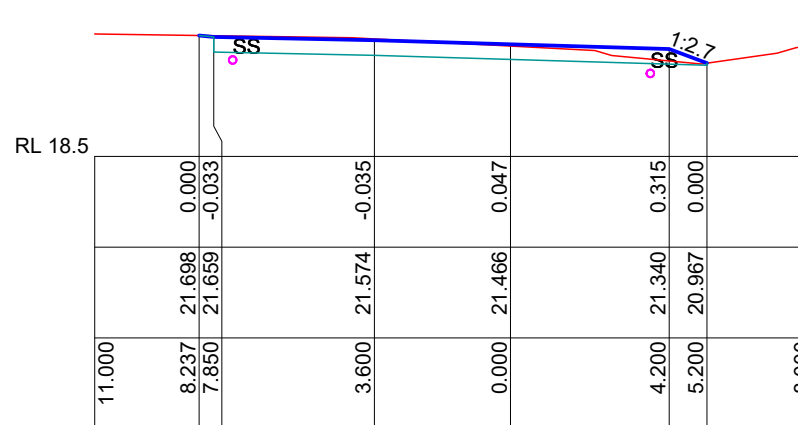
CH 890.0



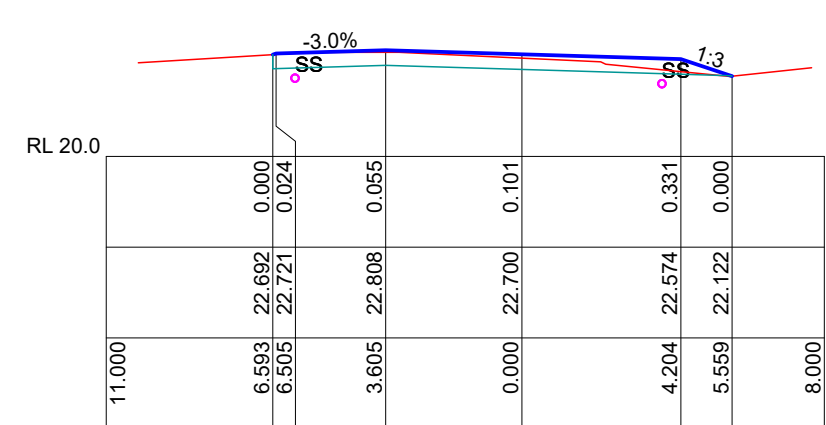
CH 920.0



CH 860.0



CH 883.6



CH 910.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

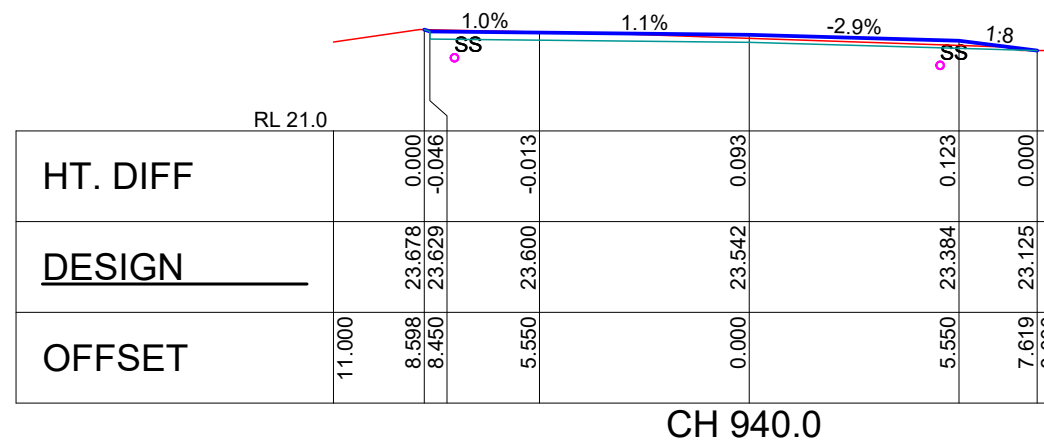
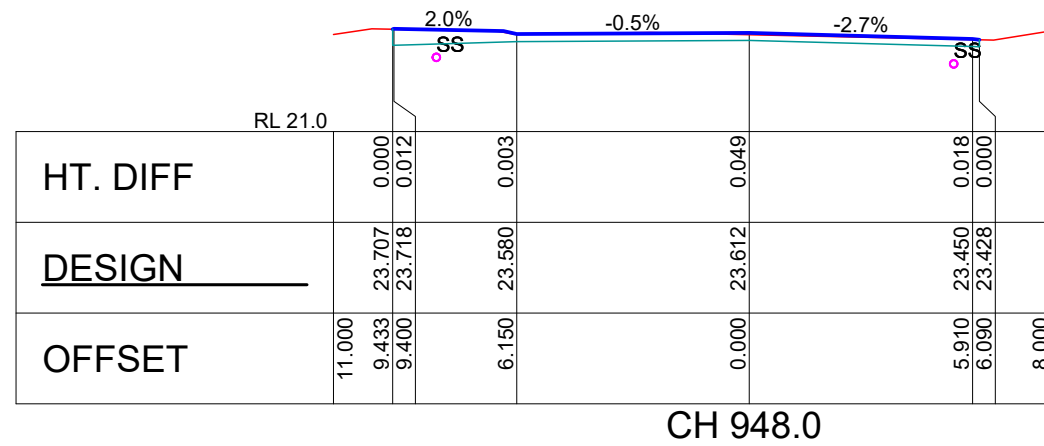
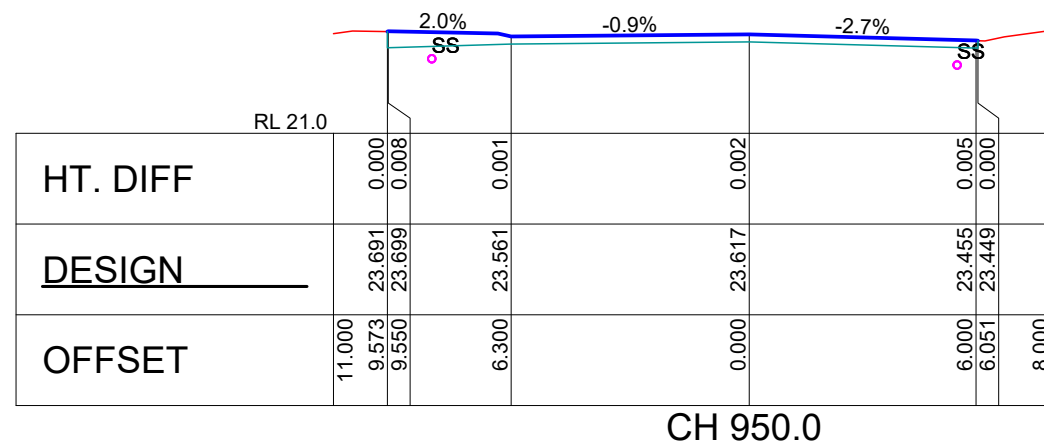
HIGHLANDS DESIGN & DRAFTING

S P FOWLER ABN 38 736 450 419 PHONE 0412 626 126 EMAIL fowlers202@gmail.com



DRAWING ALEXANDRA DR CROSS SECTIONS 16
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

REVISION E
Dwg No NVC 01.22
SHEET 29 OF 36



Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
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C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

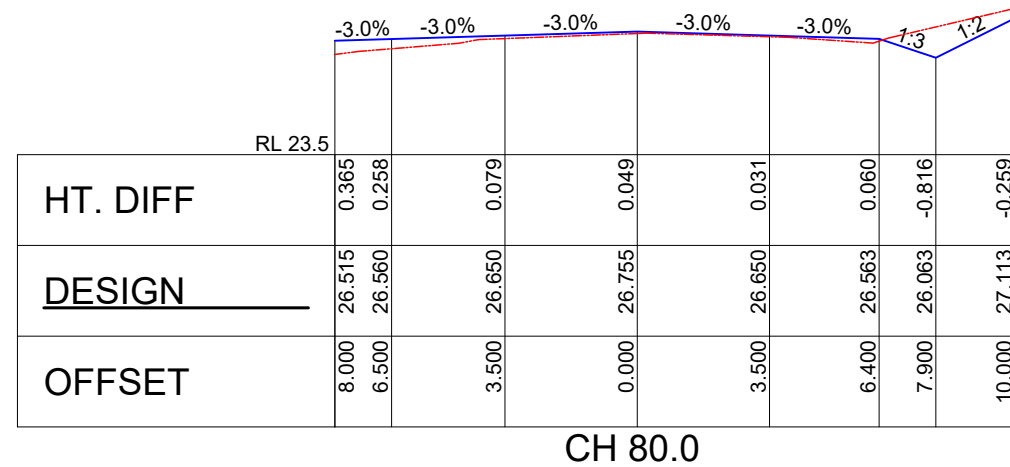
**HIGHLANDS DESIGN
& DRAFTING**

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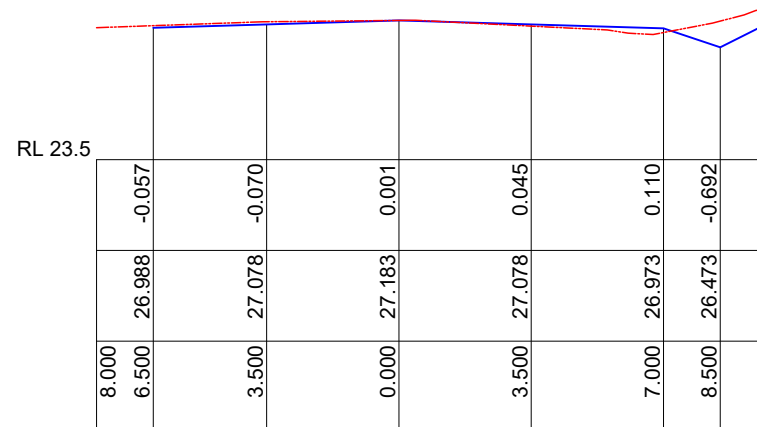


DRAWING ALEXANDRA DR CROSS SECTIONS 17
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

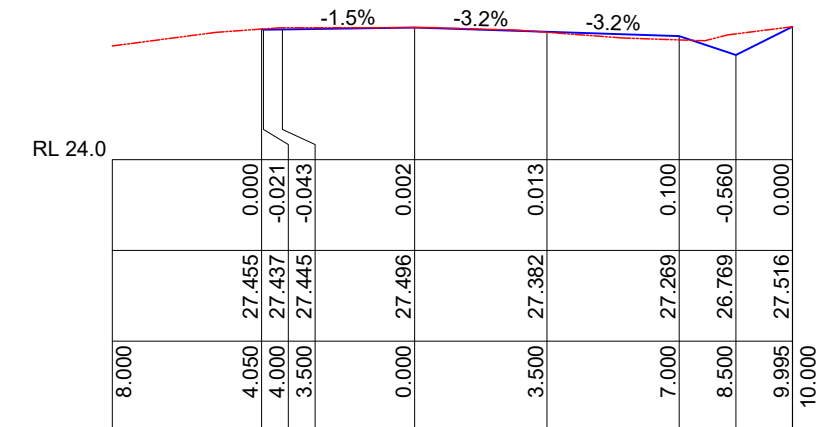
REVISION E
Dwg No NVC 01.22
SHEET 30 OF 36



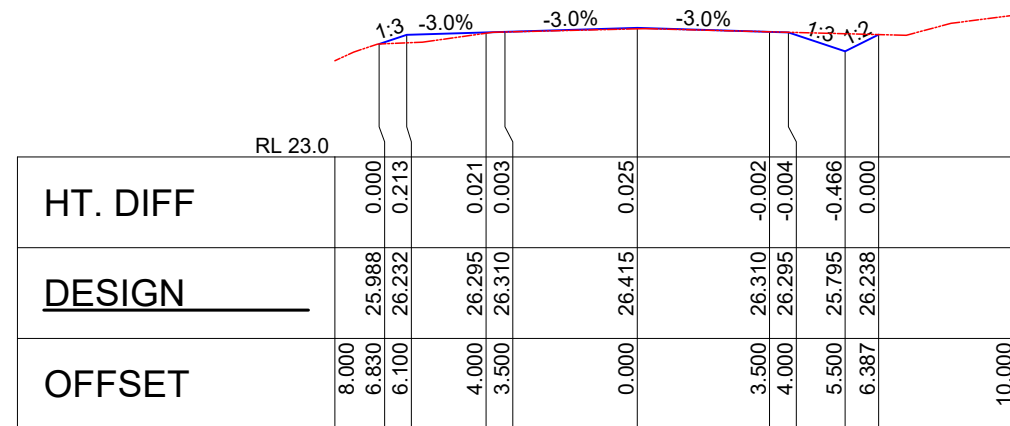
CH 80.0



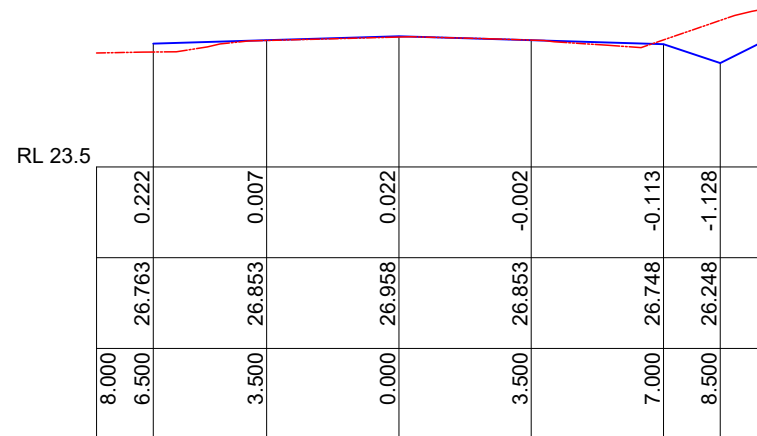
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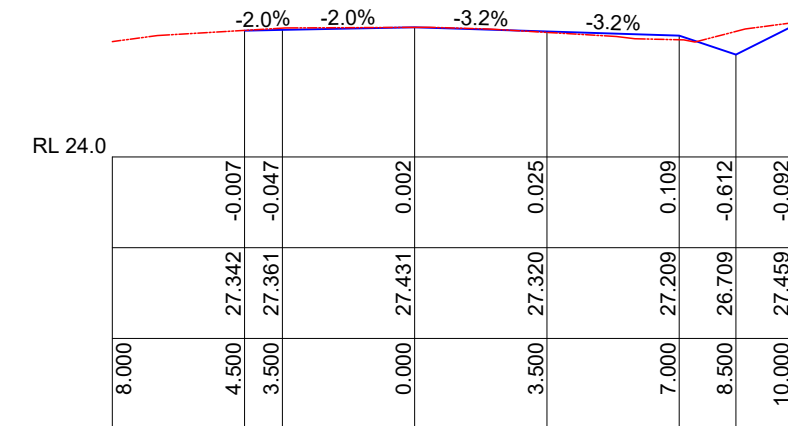
CH 112.5



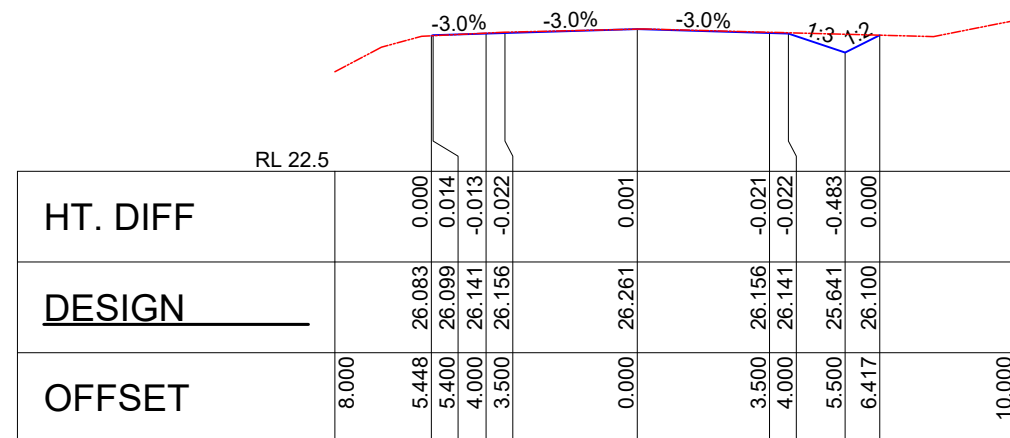
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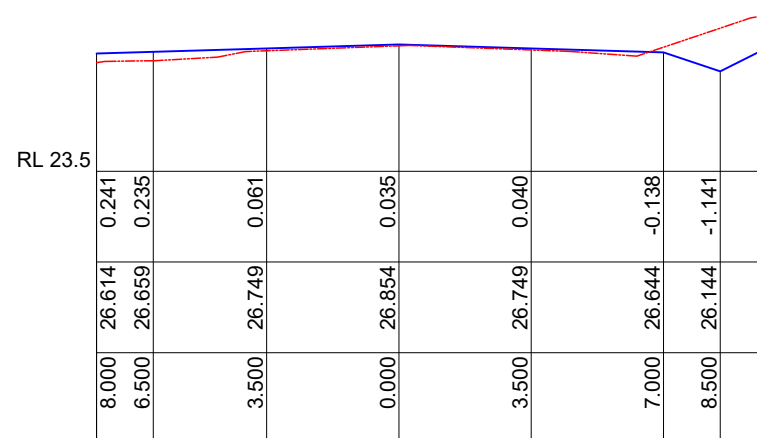
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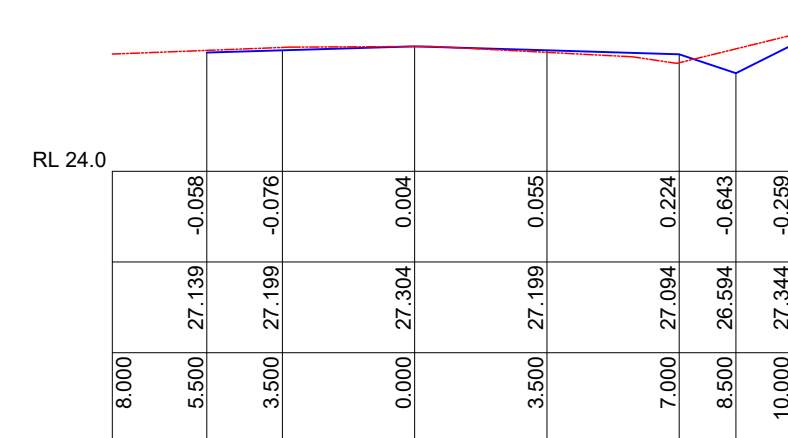
CH 110.0



CH 50.0



CH 85.0



CH 105.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

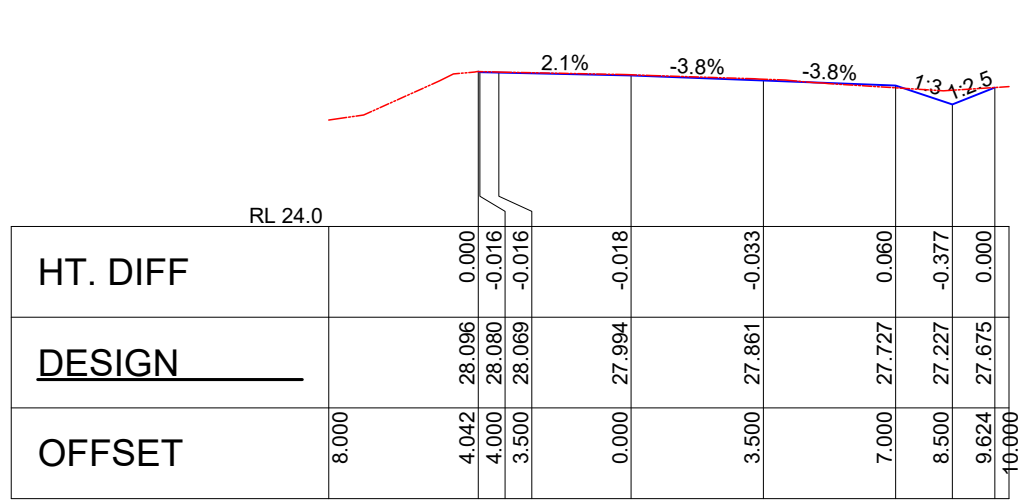
HIGHLANDS DESIGN & DRAFTING

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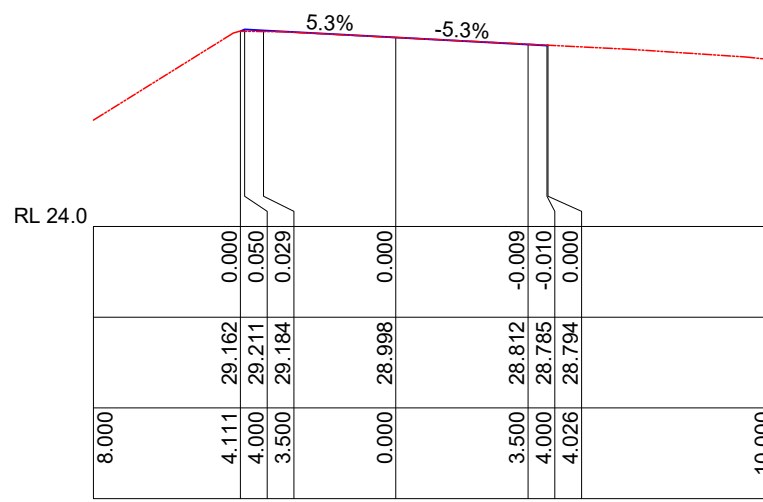


DRAWING OLD COAST RD CROSS SECTIONS 1
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

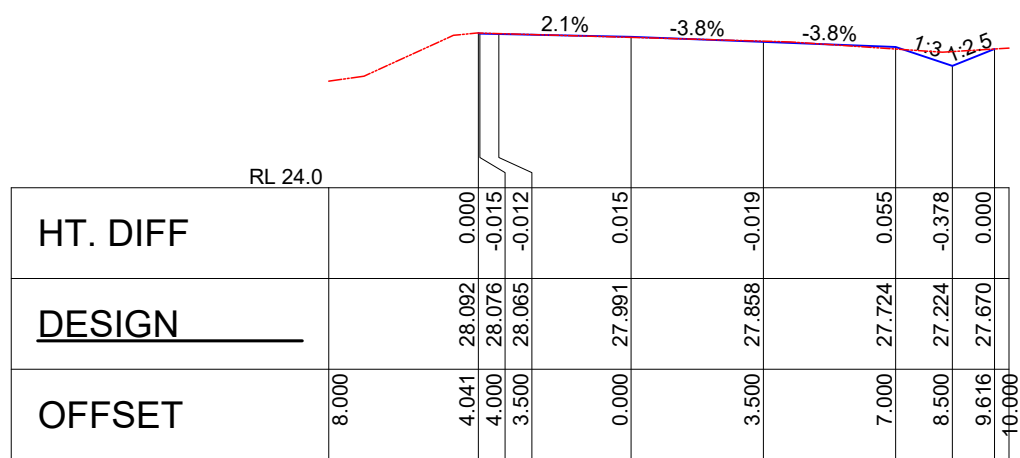
REVISION E
Dwg No NVC 01.22
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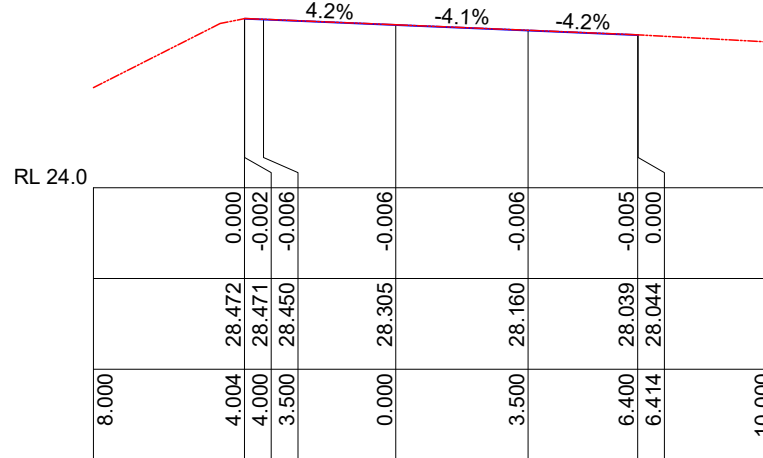
CH 130.1



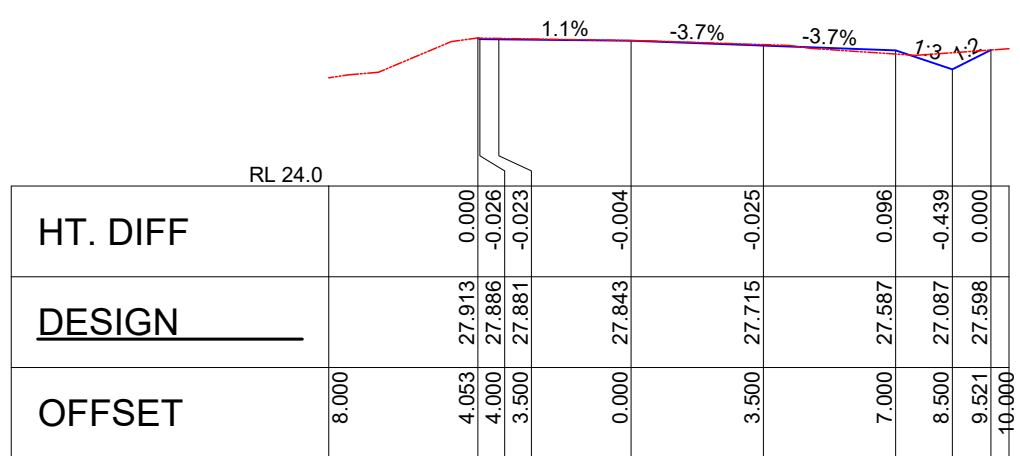
CH 160.0



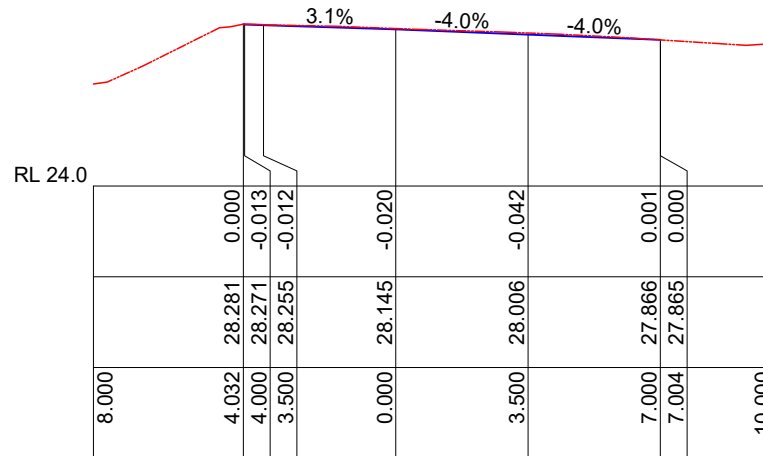
CH 130.0



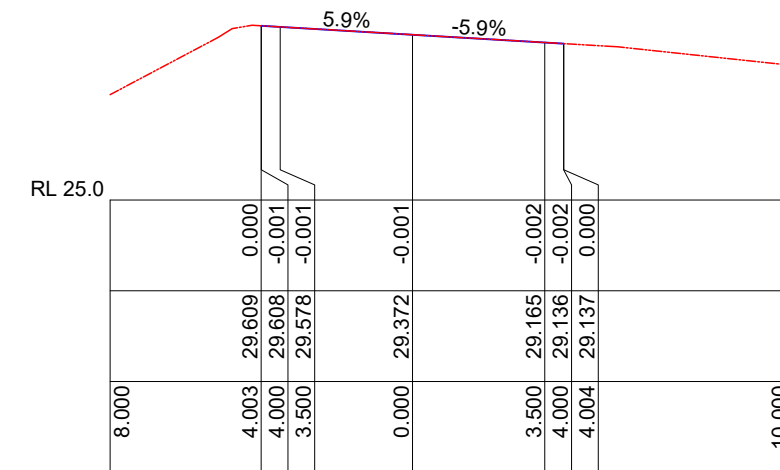
CH 140.0



CH 125.0



CH 135.0



CH 170.0

Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

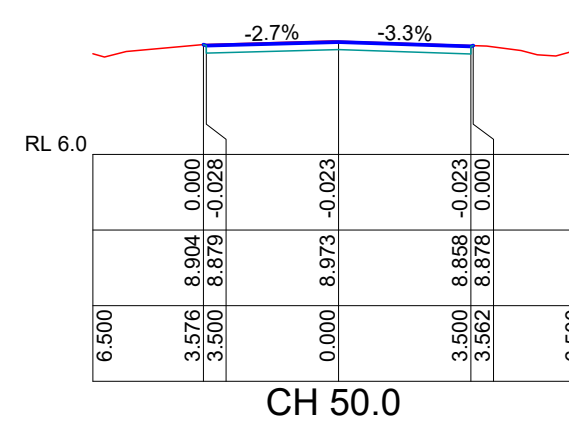
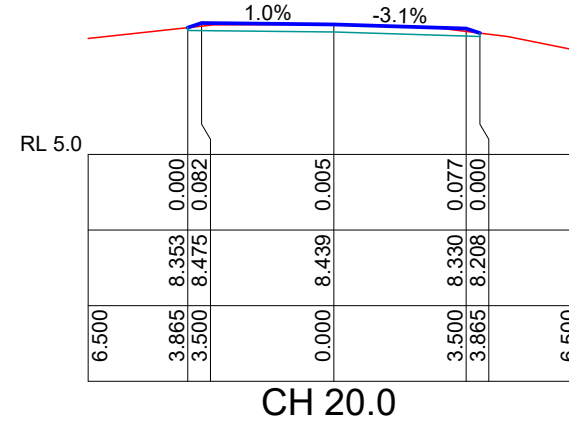
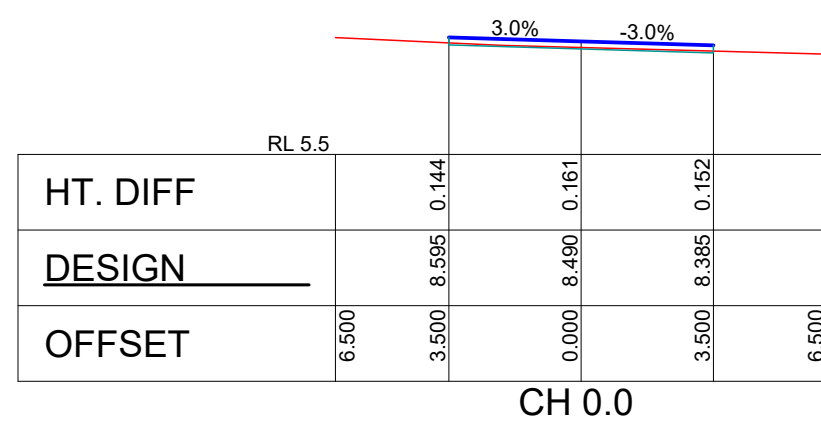
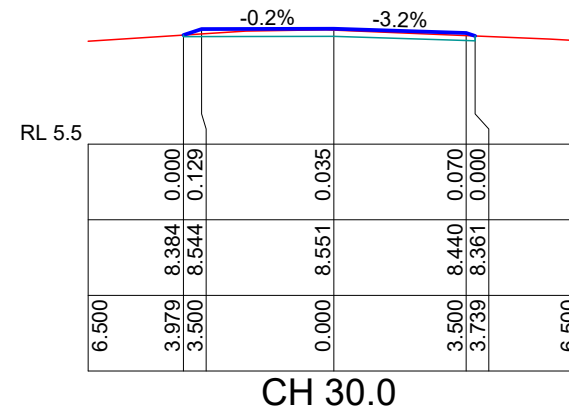
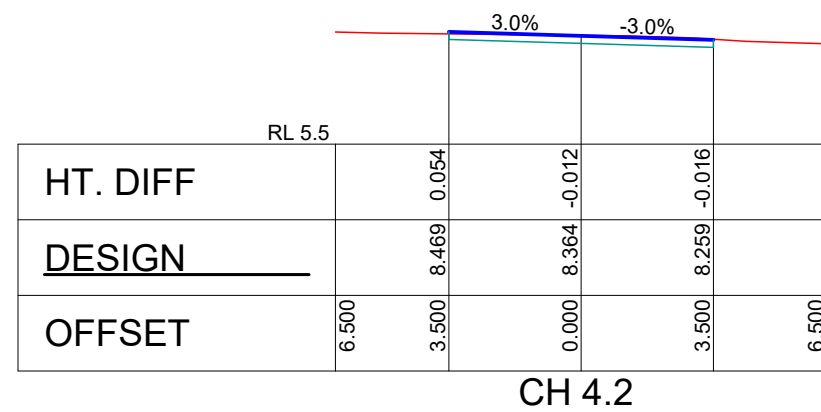
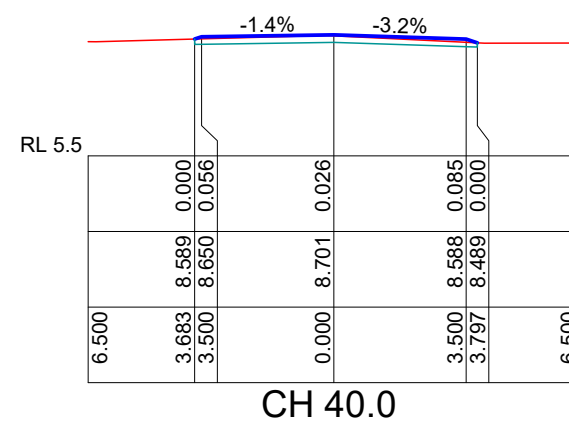
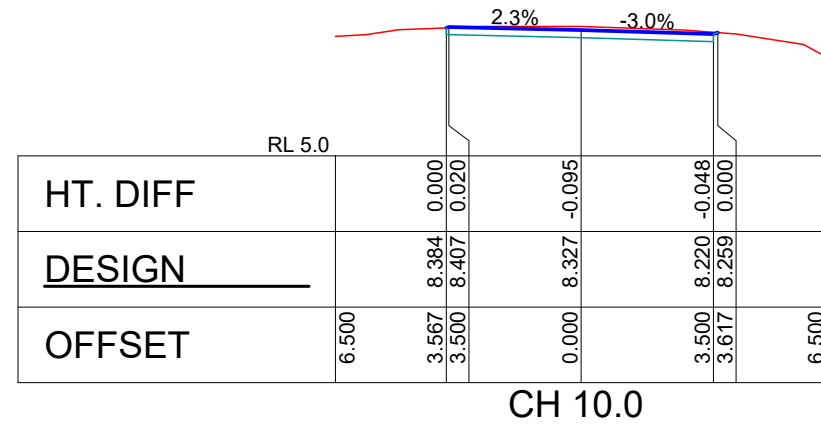
HIGHLANDS DESIGN & DRAFTING

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DRAWING OLD COAST RD CROSS SECTIONS 2
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

REVISION E
Dwg No NVC 01.22
SHEET 32 OF 36



Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

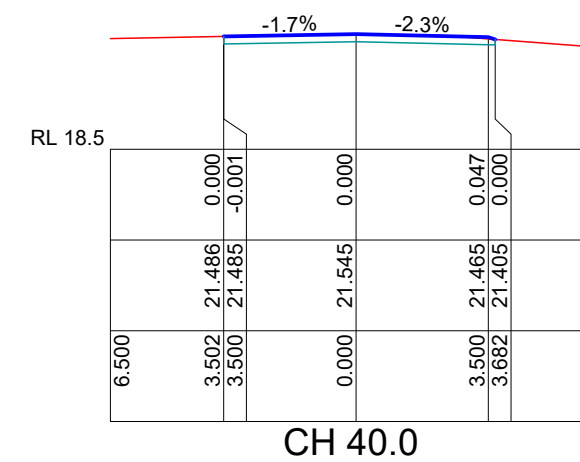
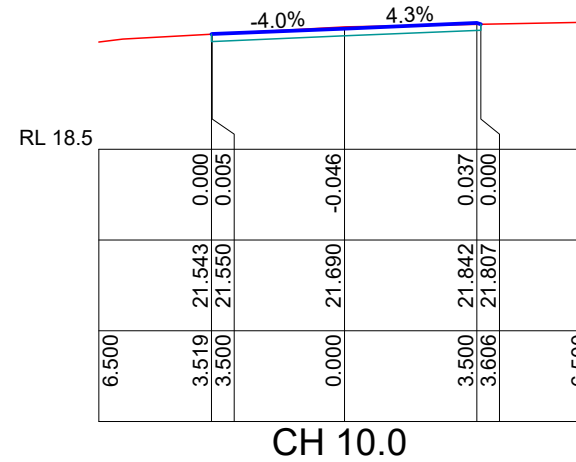
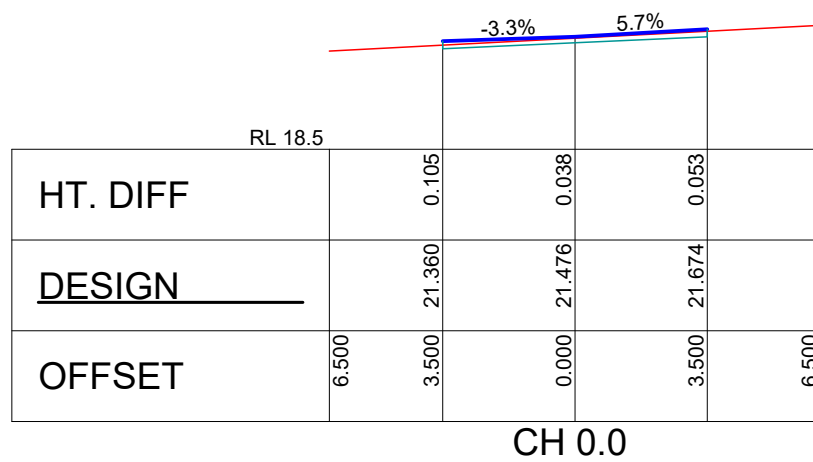
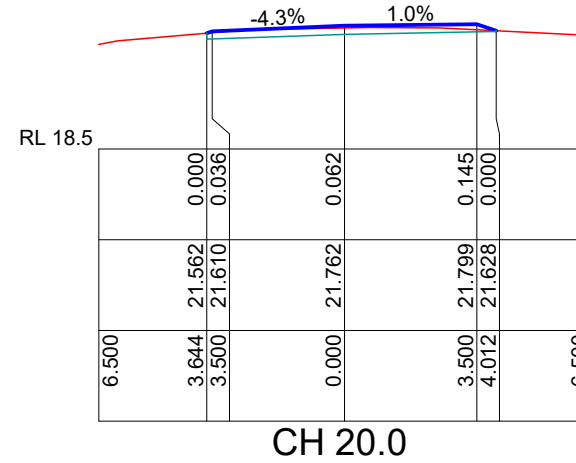
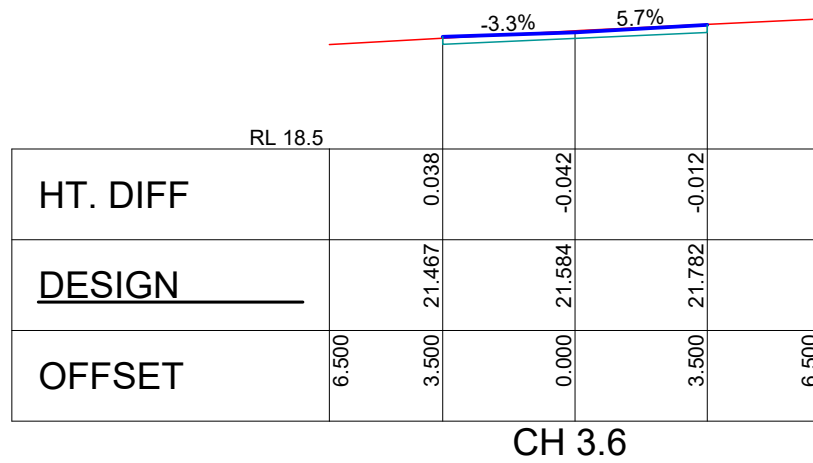
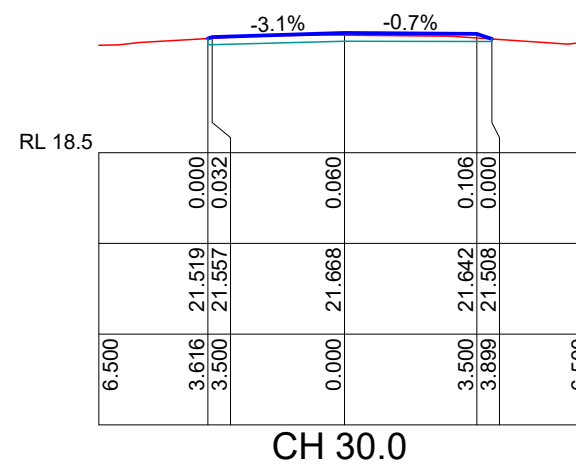
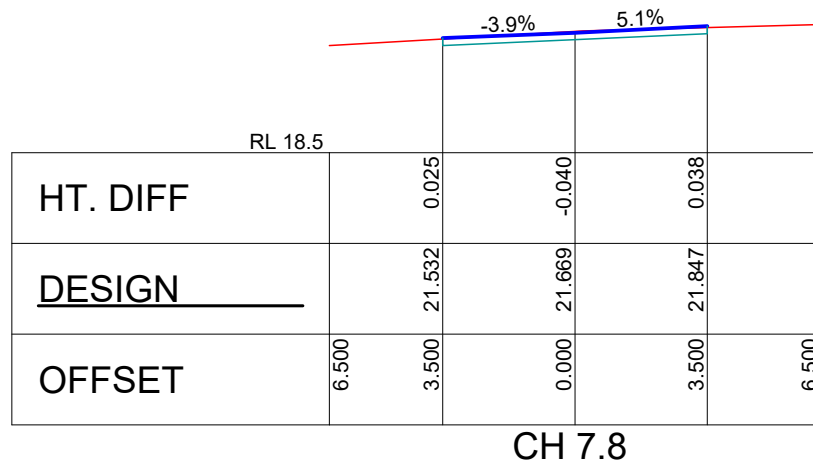
HIGHLANDS DESIGN & DRAFTING

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DRAWING COCOS COURT CROSS SECTIONS
PROJECT ROAD & INTERSECTION UPGRADE
 ALEXANDRA DRIVE, BELLWOOD
 NAMBUCCA VALLEY COUNCIL

REVISION **E**
 Dwg No NVC 01.22
 SHEET 33 OF 36



Scale Horizontal 1:200 Vertical 1:200

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN
REVISION	DATE	DESCRIPTION

**HIGHLANDS DESIGN
& DRAFTING**

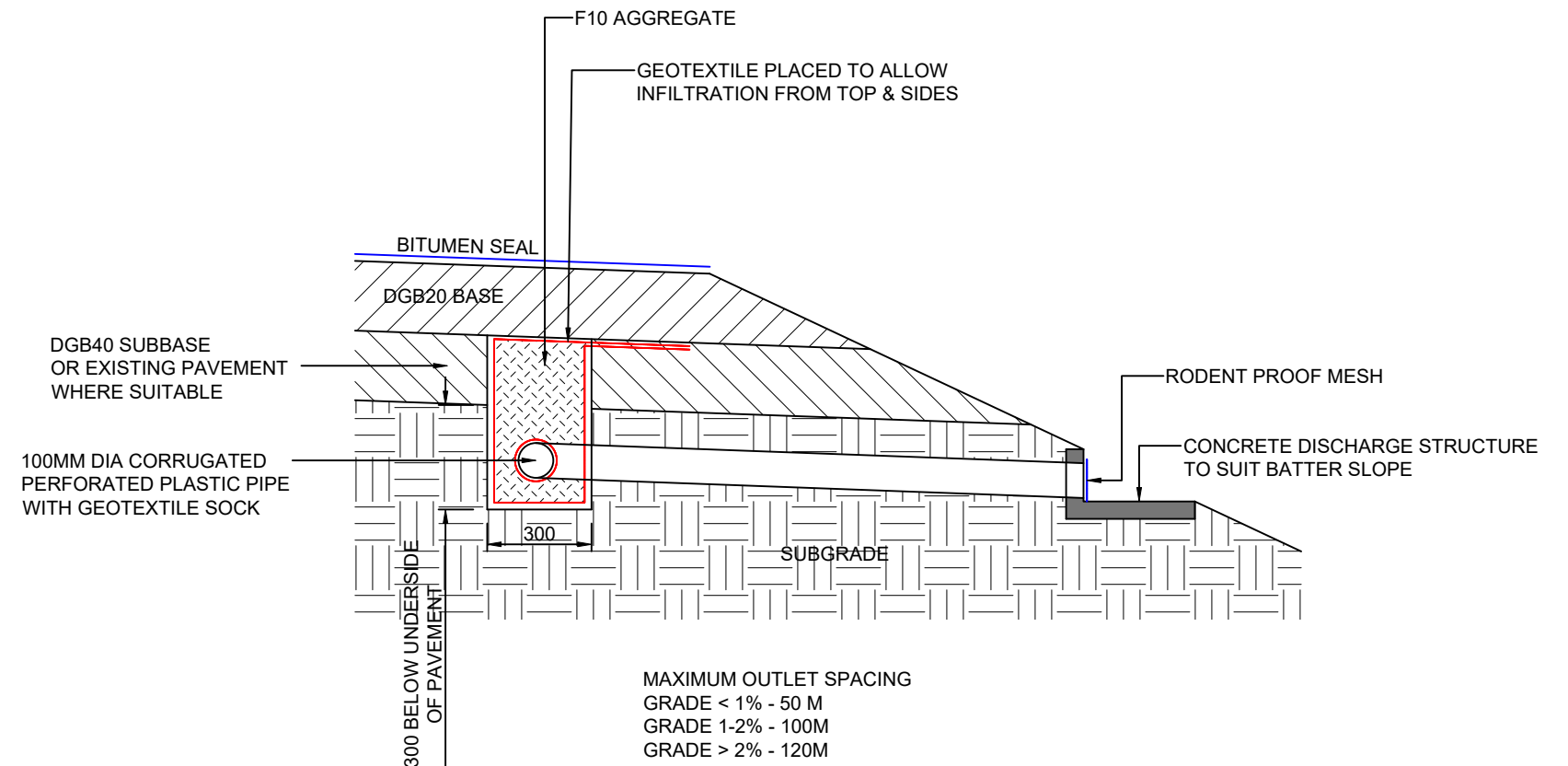
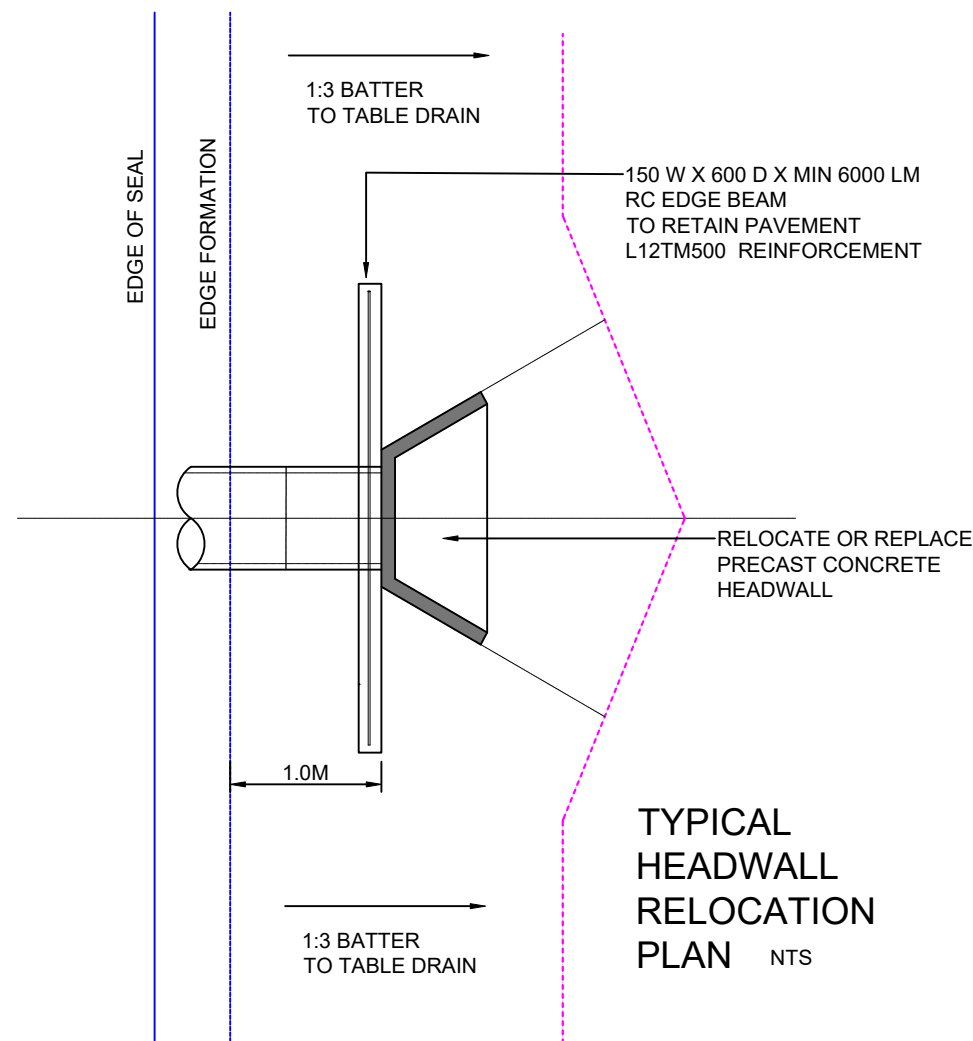
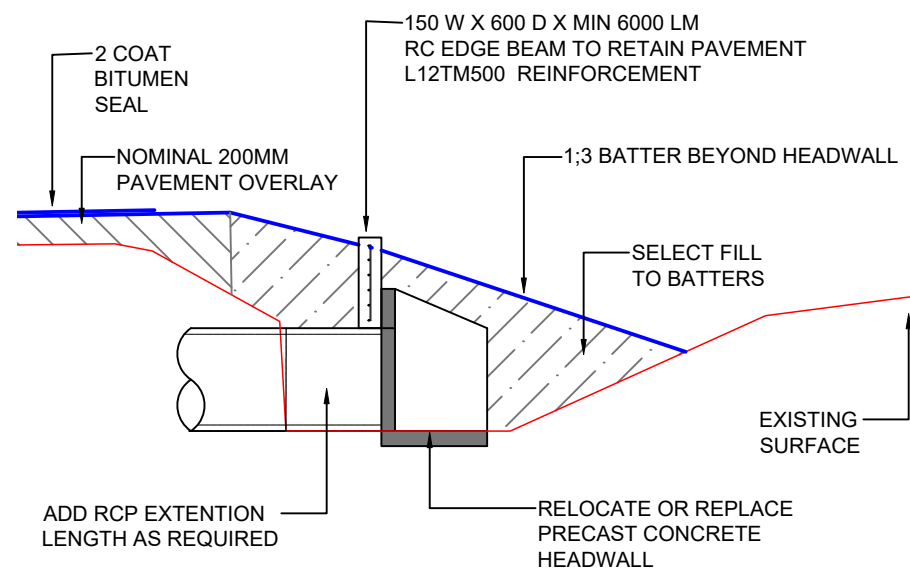
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DRAWING BANGALOW DRIVE CROSS SECTIONS
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

REVISION E
Dwg No NVC 01.22
SHEET 37 OF 36

**TYPICAL HEADWALL
RELOCATION SECTION NTS**



**TYPICAL SUBSOIL
DRAIN DETAIL NTS**

(SEE RMS STANDARD DETAILS VOL 6
SHEETS MD.R33.A04; A06; A07)

E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
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**HIGHLANDS DESIGN
& DRAFTING**

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DRAWING HEADWALL BEAM DETAILS

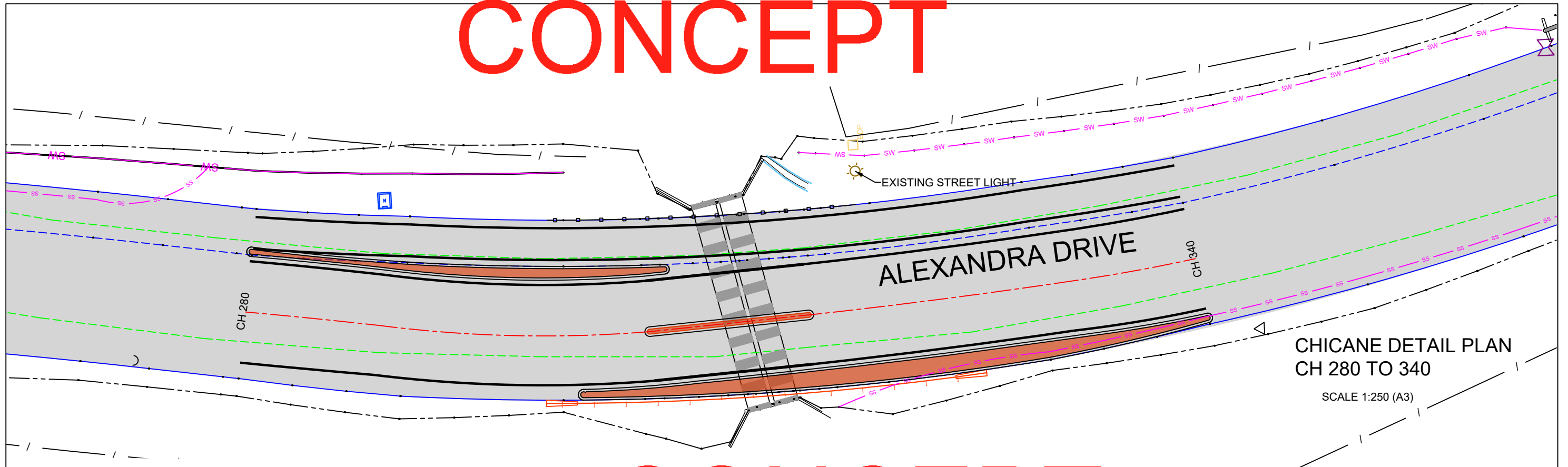
**PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL**

REVISION E

Dwg No NVC 01.22

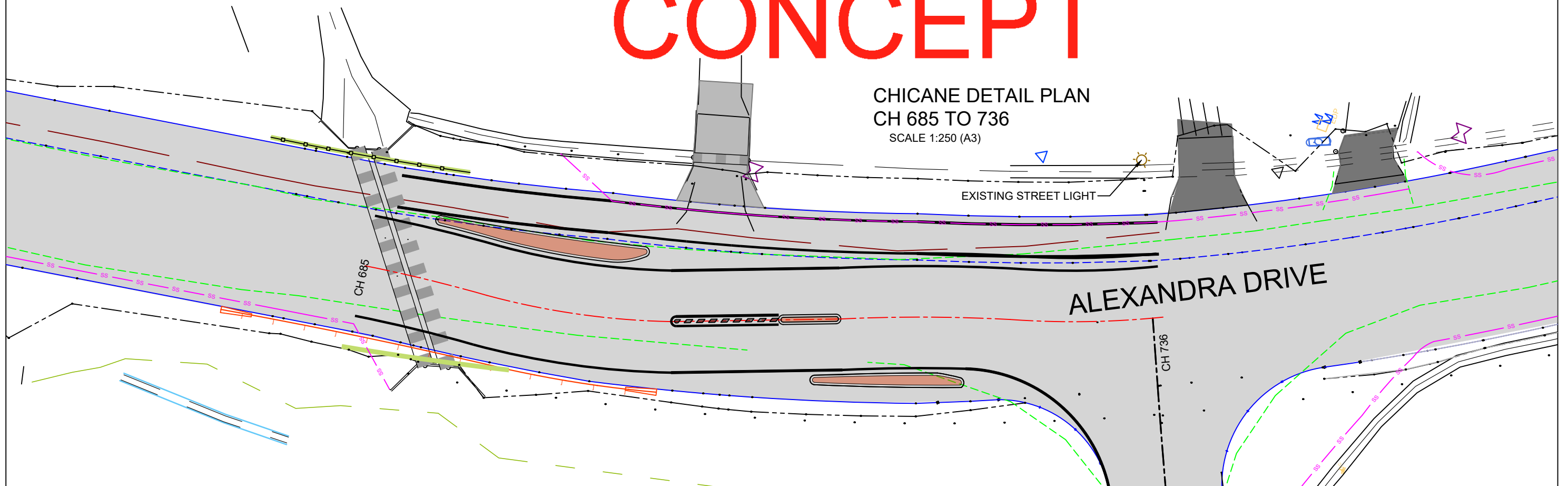
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CONCEPT



CHICANE DETAIL PLAN
CH 280 TO 340
SCALE 1:250 (A3)

CONCEPT



CHICANE DETAIL PLAN
CH 685 TO 736
SCALE 1:250 (A3)

REVISION	DATE	DESCRIPTION
E	FEB 22	CHICANES & SS DRAINS
D	DEC 22	REVISED PRELIMINARY DESIGN
C	NOV 22	REVISED PAVEMENT DESIGN
A	OCT 22	PRELIMINARY DESIGN

**HIGHLANDS DESIGN
& DRAFTING**

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DRAWING FUTURE CHICANE DETAIL PLAN
PROJECT ROAD & INTERSECTION UPGRADE
ALEXANDRA DRIVE, BELLWOOD
NAMBUCCA VALLEY COUNCIL

REVISION E
Dwg No NVC 01.22
SHEET 36 OF 36