

PLAN SET E

Waitarere Beach Road Curves Project General Arrangement Plans

Prepared for The New Zealand Transport Agency

November 2015



MWH[®]

BUILDING A BETTER WORLD

DO NOT SCALE - IF IN DOUBT, ASK

200 mm

150

100

90

80

70

60

50

40

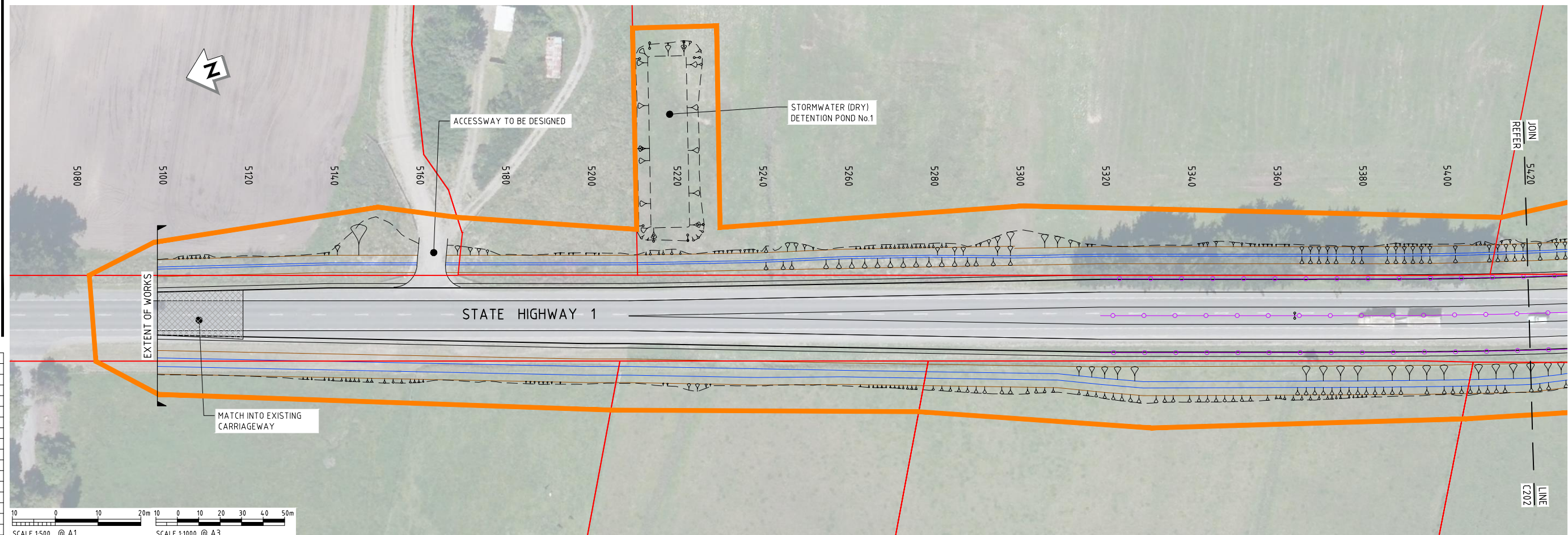
30

20

10

0

ORIGINAL SIZE A1

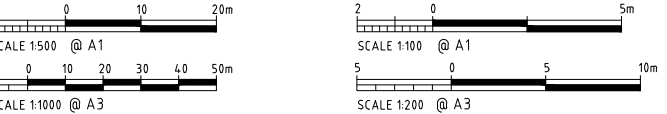


PLAN

SCALE 1:500 @ A1; 1:1000 @ A3

DATUM R.L.=21.0

-CUT/+FILL DEPTH (m)	0.120	-0.119	-0.095	-0.108	-0.152	-0.124	-0.053	-0.096	-0.123	-0.108	-0.107	-0.114	-0.152	-0.177	-0.164	-0.151	-0.135
EXISTING LEVEL	23.808	23.729	23.671	23.578	23.453	23.402	23.426	23.377	23.381	23.425	23.443	23.442	23.401	23.391	23.451	23.521	23.596
DESIGN LEVEL	23.928	23.847	23.766	23.686	23.605	23.526	23.480	23.473	23.503	23.533	23.551	23.557	23.552	23.568	23.615	23.673	23.730
STATION (MC00)	5100.0	5120.0	5140.0	5160.0	5180.0	5200.0	5220.0	5240.0	5260.0	5280.0	5300.0	5320.0	5340.0	5360.0	5380.0	5400.0	5420.0
VERTICAL GEOMETRY	P=-0.405% L=135.436				K=100.000 L=60.338				K=-337.151 L=82.184				K=120.000 L=39.907		P=0.288% L=14.7490		
HORIZONTAL GEOMETRY					D=365.297								CL=65.000				
SUPERELEVATION LEFT	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000
SUPERELEVATION RIGHT	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-1.946	-0.407	1.131	2.669	4.208



LONGITUDINAL SECTION

SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3

REV	DESCRIPTION	DATE	BY	CHECKED	APP. DATE
B	ISSUED FOR CONSENT	11/15	PJC	JP	PP
A	FOR CONSULTATION	09/15	PJC	JP	JP
	REVISIONS		DRN	CHK	APP

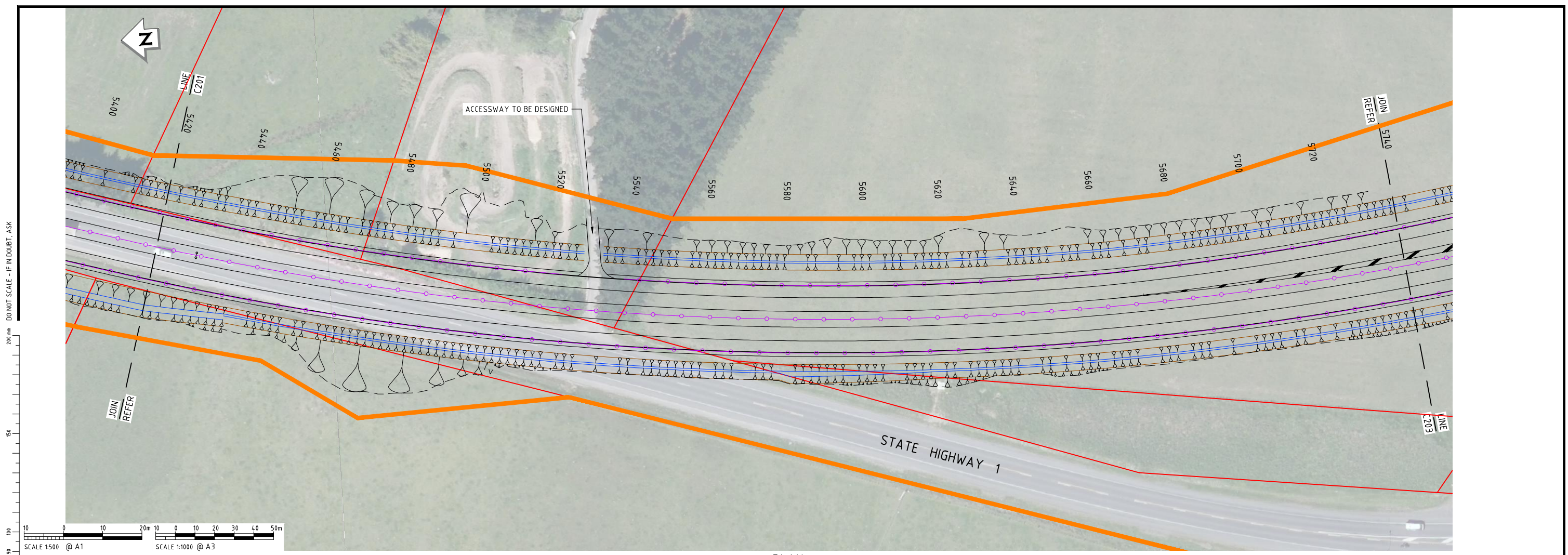
SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

**WAITARERE BEACH ROAD
CURVES PROJECT**

GENERAL ARRANGEMENT PLAN, MC00

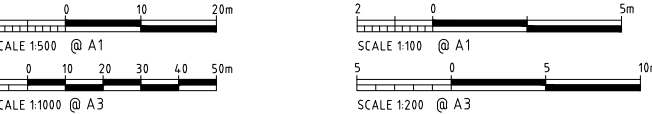
Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C 201
Rev	B



ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK

DATUM R.L. = 20.0	
-CUT/+FILL DEPTH (m)	0.135 -0.102 -0.127 -0.182 -0.303 -0.751 -0.030 -0.029 -0.095 -0.191 -0.351 -0.135 -0.262 -0.121 -0.031 -0.047 -0.147
EXISTING LEVEL	23.596 23.686 23.719 23.721 24.264 24.770 24.098 24.127 24.203 24.291 24.420 24.154 24.212 23.982 23.782 23.667 23.618
DESIGN LEVEL	23.730 23.788 23.845 23.903 23.961 24.018 24.068 24.098 24.109 24.099 24.069 24.020 23.950 23.860 23.751 23.621 23.471
STATION (MC00)	54.20.0 54.40.0 54.60.0 54.80.0 55.00.0 55.20.0 55.40.0 55.60.0 55.80.0 56.00.0 56.20.0 56.40.0 56.60.0 56.80.0 57.00.0 57.20.0 57.40.0
VERTICAL GEOMETRY	P=0.288% L=147.490 K=-200.000 L=456.499
HORIZONTAL GEOMETRY	R=-800.000 L=390.393
SUPERELEVATION LEFT	-4.208 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000
SUPERELEVATION RIGHT	4.208 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000



LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3

REV	DESCRIPTION	PJC	JP	PP	11/15
B	ISSUED FOR CONSENT	PJC	JP	PP	11/15
A	FOR CONSULTATION	PJC	JP	PP	09/15
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

WAITARERE BEACH ROAD
CURVES PROJECT

GENERAL ARRANGEMENT PLAN, MC00

NOT FOR CONSTRUCTION

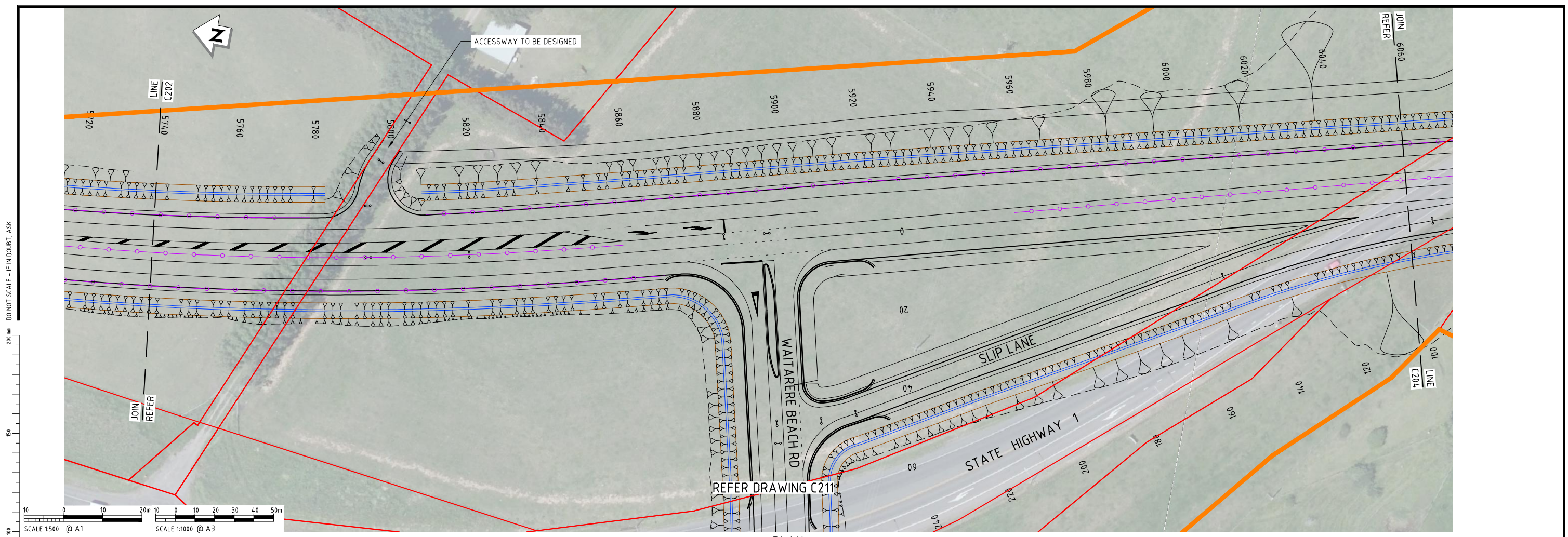
Status Stamp
FOR CONSENT

Date Stamp
12/11/2015

Scales AS SHOWN

Drawing No.
80500902-04-0853-C202

Rev
B



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3



LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3



NOT FOR CONSTRUCTION

REV	DESCRIPTION	PJC	JP	PP	DATE
B	ISSUED FOR CONSENT				11/15
A	FOR CONSULTATION				09/15
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

WAITAREBE BEACH ROAD
CURVES PROJECT

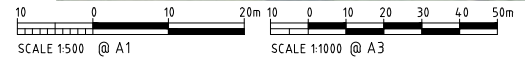
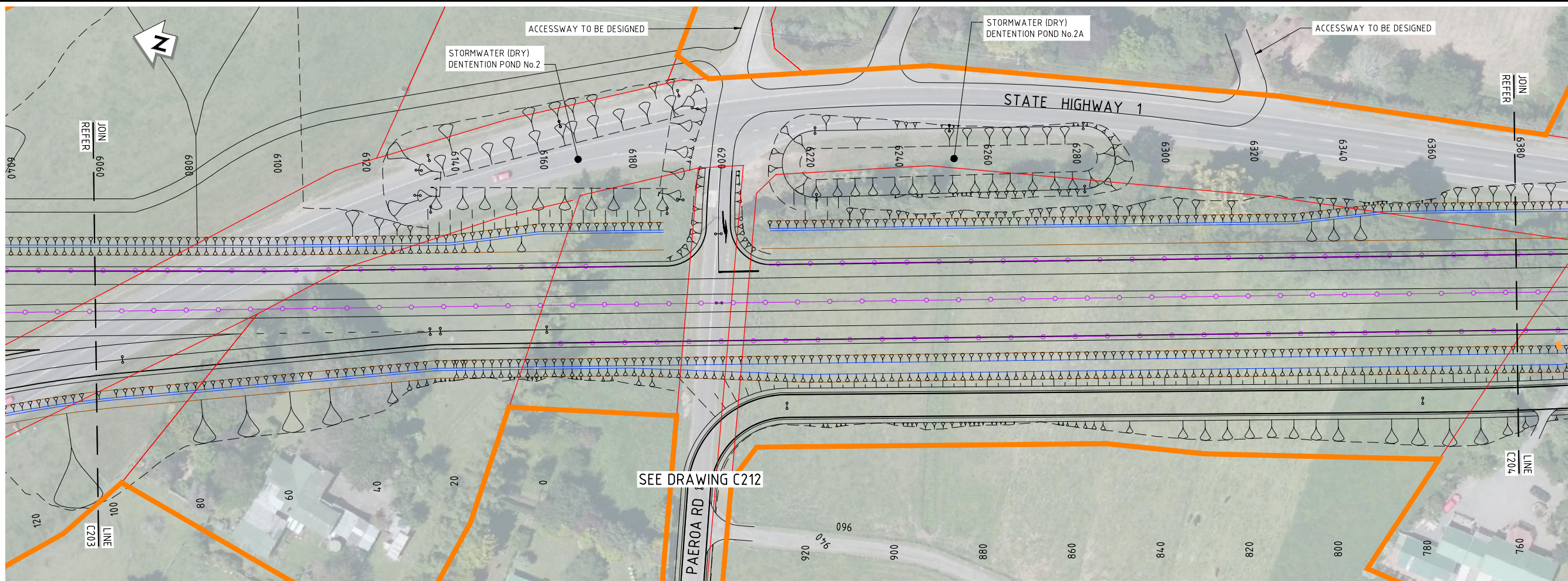
GENERAL ARRANGEMENT PLAN, MC00

Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C203
Rev	B

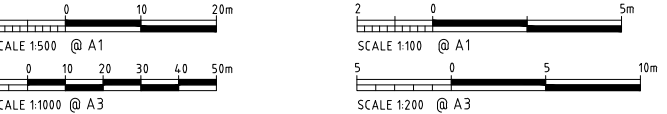
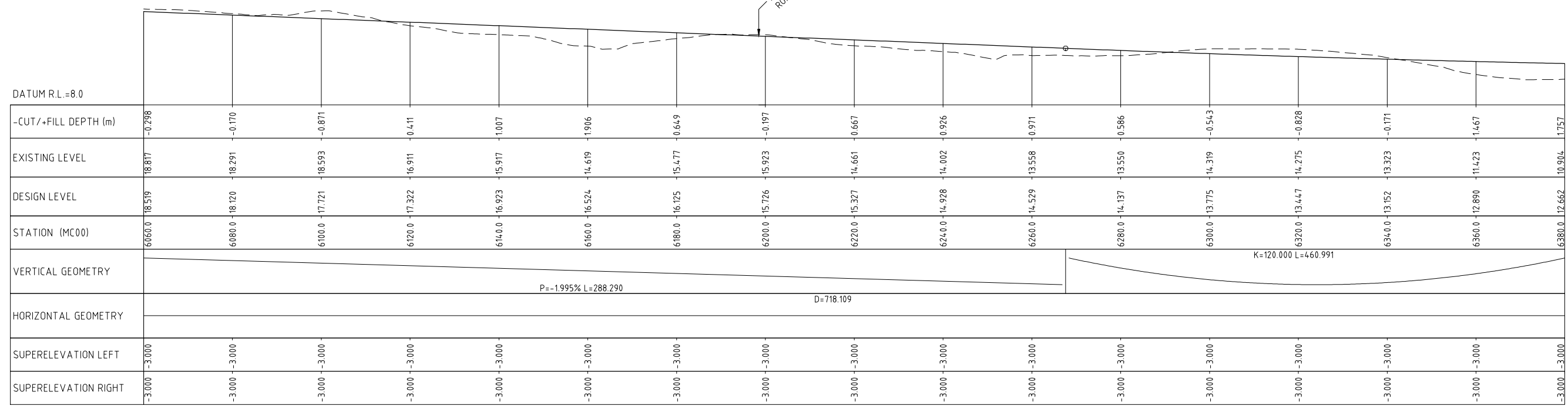
ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK

200 mm
150
100
90
80
70
60
50
40
30
20
10
0



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3



LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3

REV	DESCRIPTION	PJC	JP	PP	DATE
B	ISSUED FOR CONSENT				11/15
A	FOR CONSULTATION				09/15
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

WAITARERE BEACH ROAD
CURVES PROJECT

GENERAL ARRANGEMENT PLAN, MC00

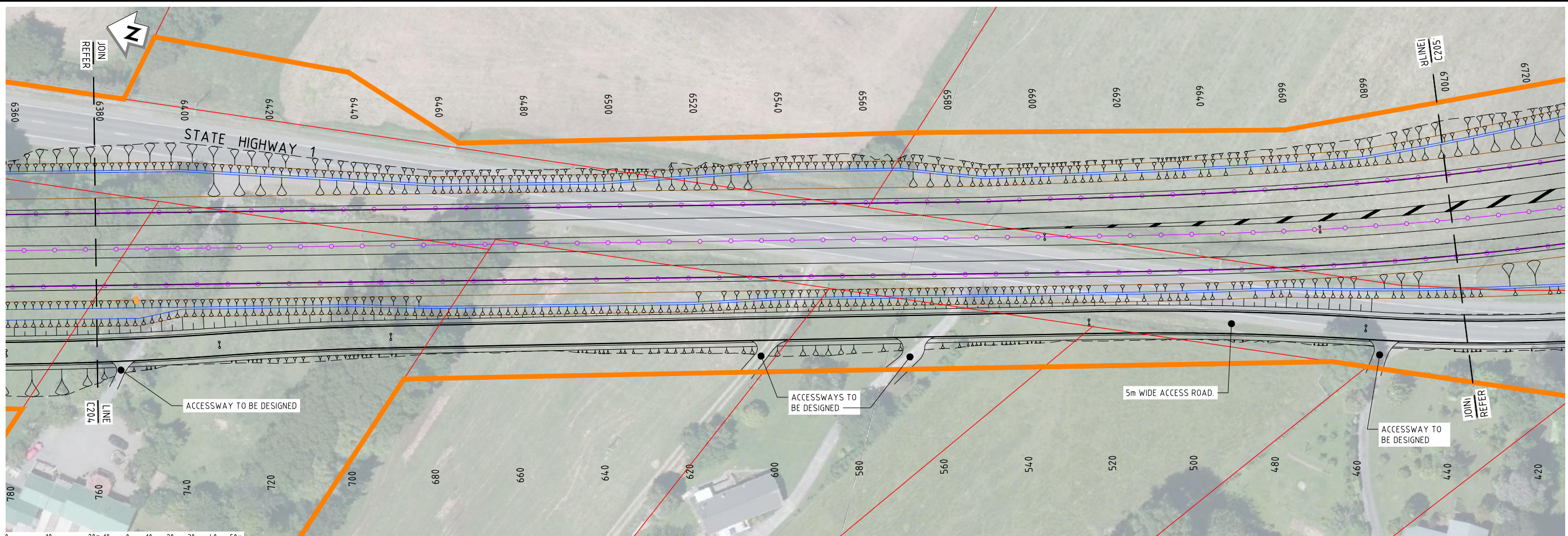
Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C204
Rev.	B

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK

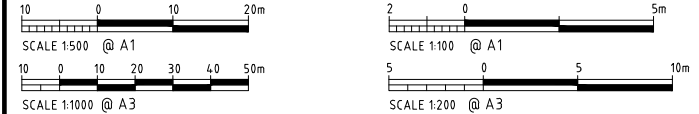
200 mm
150
100
90
80
70
60
50
40
30
20
10
0



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3

DATUM R.L. = 7.0	
- CUT/+FILL DEPTH (m)	1.757, -1.144, -1.045, -1.066, -0.826, -1.397, -0.899, -0.088, -0.233, -0.359, -0.317, -0.265, -0.351, -0.370, -0.768, -0.436, 1.053
EXISTING LEVEL	10.904, 11.323, 11.260, 11.110, 11.255, 10.623, 11.092, 11.908, 12.268, 12.466, 12.529, 12.616, 12.172, 12.357, 12.198, 12.801, 12.489
DESIGN LEVEL	12.662, 12.467, 12.305, 12.177, 12.082, 12.020, 11.992, 11.997, 12.035, 12.107, 12.212, 12.350, 12.522, 12.727, 12.965, 13.237, 13.542
STATION (MC00)	6380.0, 6440.0, 6420.0, 6440.0, 6460.0, 6480.0, 6500.0, 6520.0, 6540.0, 6560.0, 6580.0, 6600.0, 6620.0, 6640.0, 6660.0, 6680.0, 6700.0
VERTICAL GEOMETRY	K=120.000 L=460.991
HORIZONTAL GEOMETRY	D=718.109, CL=65.000, R=-800.000 L=551.563
SUPERELEVATION LEFT	-3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -1.831, -0.292, 1.246, 2.785, 4.323, 5.000, 5.000
SUPERELEVATION RIGHT	-3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -3.000, -1.831, -0.292, 1.246, 2.785, 4.323, 5.000, 5.000

LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3



NOT FOR CONSTRUCTION

REV	DESCRIPTION	PJC	JP	PP	DATE
B	ISSUED FOR CONSENT				11/15
A	FOR CONSULTATION				09/15
REV	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

**WAITARERE BEACH ROAD
CURVES PROJECT**

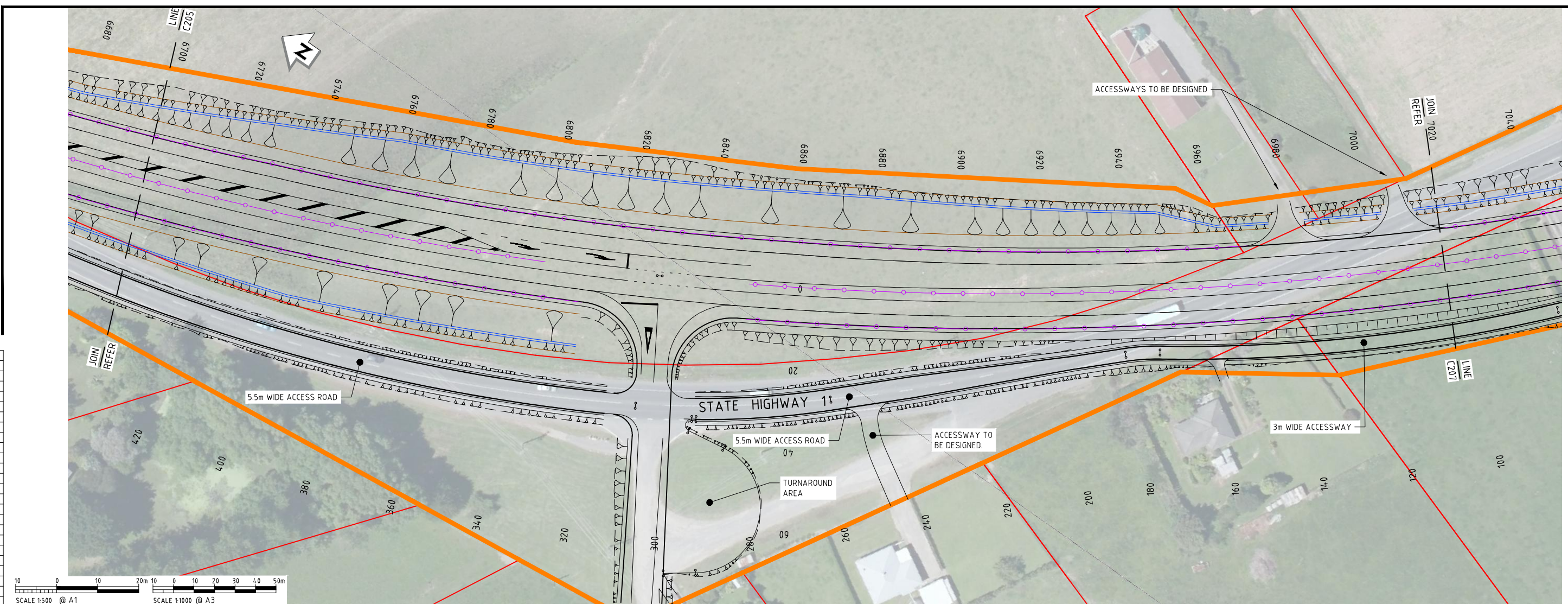
GENERAL ARRANGEMENT PLAN, MC00

Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C205
Rev	B

ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK

200 mm
150
100
90
80
70
60
50
40
30
20
10
0



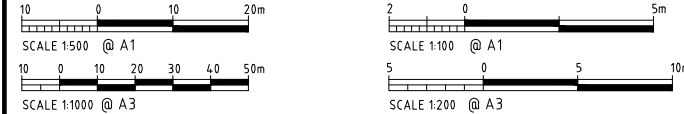
PLAN

SCALE 1:500 @ A1; 1:1000 @ A3

DATUM R.L. = 9.0	
- CUT/+FILL DEPTH (m)	1.053 -1.934 -2.462 -2.565 -2.233 -1.460 -0.866 -0.711 -1.859 -2.356 -2.187 -1.605 -1.010 -0.173 -0.194 -0.135 0.576
EXISTING LEVEL	12.489 11.946 11.782 12.026 12.686 13.767 14.649 15.073 14.173 13.902 14.280 15.049 15.813 16.797 17.293 17.341 16.719
DESIGN LEVEL	13.542 13.881 14.244 14.591 14.919 15.227 15.515 15.783 16.031 16.259 16.467 16.655 16.823 16.971 17.099 17.206 17.294
STATION (MC00)	6700.0 - 6720.0 - 6740.0 - 6760.0 - 6780.0 - 6800.0 - 6820.0 - 6840.0 - 6860.0 - 6880.0 - 6900.0 - 6920.0 - 6940.0 - 6960.0 - 6980.0 - 7000.0 - 7020.0
VERTICAL GEOMETRY	K=120.000 L=4.60.991 K=-200.000 L=593.758
HORIZONTAL GEOMETRY	R=-800.000 L=551.563
SUPERELEVATION LEFT	-5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000
SUPERELEVATION RIGHT	5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000

LONGITUDINAL SECTION

SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3



NOT FOR CONSTRUCTION

REV	DESCRIPTION	P/J	J/P	P/P	DATE
B	ISSUED FOR CONSENT	PJC	JP	PP	11/15
A	FOR CONSULTATION	PJC	JP	PP	09/15
		DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

**WAITARERE BEACH ROAD
CURVES PROJECT**

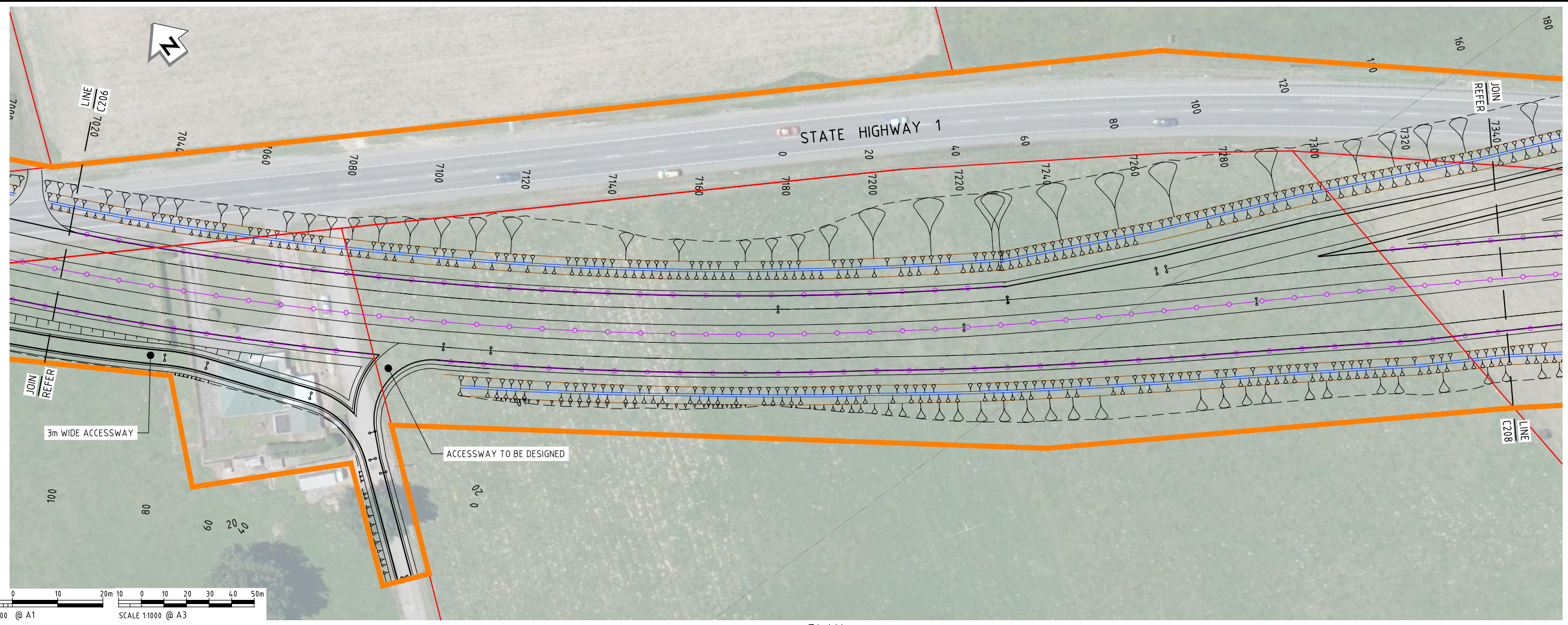
GENERAL ARRANGEMENT PLAN, MC00

Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C206
Rev	B

ORIGINAL SIZE A1

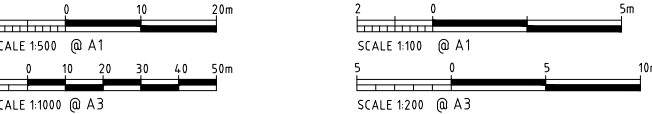
DO NOT SCALE - IF IN DOUBT, ASK

200 mm
150
100
90
80
70
60
50
40
30
20
10
0



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3

DATUM R.L. = 13.0	
-CUT/+FILL DEPTH (m)	0.576 -0.345 -0.180 -0.515 -1.150 -0.240 -0.326 -0.296 -0.022 -0.980 -2.575 -1.985 -1.842 -1.836 -1.596 -1.466 -1.524
EXISTING LEVEL	16.719 17.017 17.231 17.954 18.596 17.674 17.075 17.054 17.255 18.165 19.649 18.926 18.632 18.453 18.022 17.680 17.513
DESIGN LEVEL	17.294 17.362 17.410 17.438 17.446 17.434 17.402 17.350 17.278 17.186 17.074 16.941 16.789 16.617 16.425 16.213 15.989
STATION (MC00)	7020.0 7040.0 7060.0 7080.0 7100.0 7120.0 7140.0 7160.0 7180.0 7200.0 7220.0 7240.0 7260.0 7280.0 7300.0 7320.0 7340.0
VERTICAL GEOMETRY	$K = -200.000 \quad L = 593.758$
HORIZONTAL GEOMETRY	$R = -800.000 \quad L = 551.563$ $CL = 65.000$ $R = 3000.000 \quad L = 517.563$ $L = 388.482$ $P = -1.122\%$
SUPERELEVATION LEFT	-5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -5.000 -3.544 -2.010 -0.477 -1.056 -2.589 -3.000 -3.000 -3.000 -3.000
SUPERELEVATION RIGHT	5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 3.544 2.010 0.477 1.056 2.589 3.000 3.000 3.000 3.000



LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3

REV	DESCRIPTION	P/J	J/P	PP	DATE
B	ISSUED FOR CONSENT	PJC	JP	PP	11/15
A	FOR CONSULTATION	PJC	JP	PP	09/15
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

**WAITARERE BEACH ROAD
CURVES PROJECT**

GENERAL ARRANGEMENT PLAN, MC00

NOT FOR CONSTRUCTION

Status Stamp: **FOR CONSENT**

Date Stamp: **12/11/2015**

Scales: AS SHOWN

Drawing No: **80500902-04-0853-C207** Rev: **B**

DO NOT SCALE - IF IN DOUBT, ASK

200 mm

150

100

90

80

66

50

40

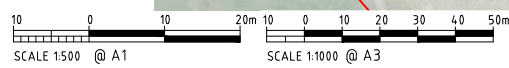
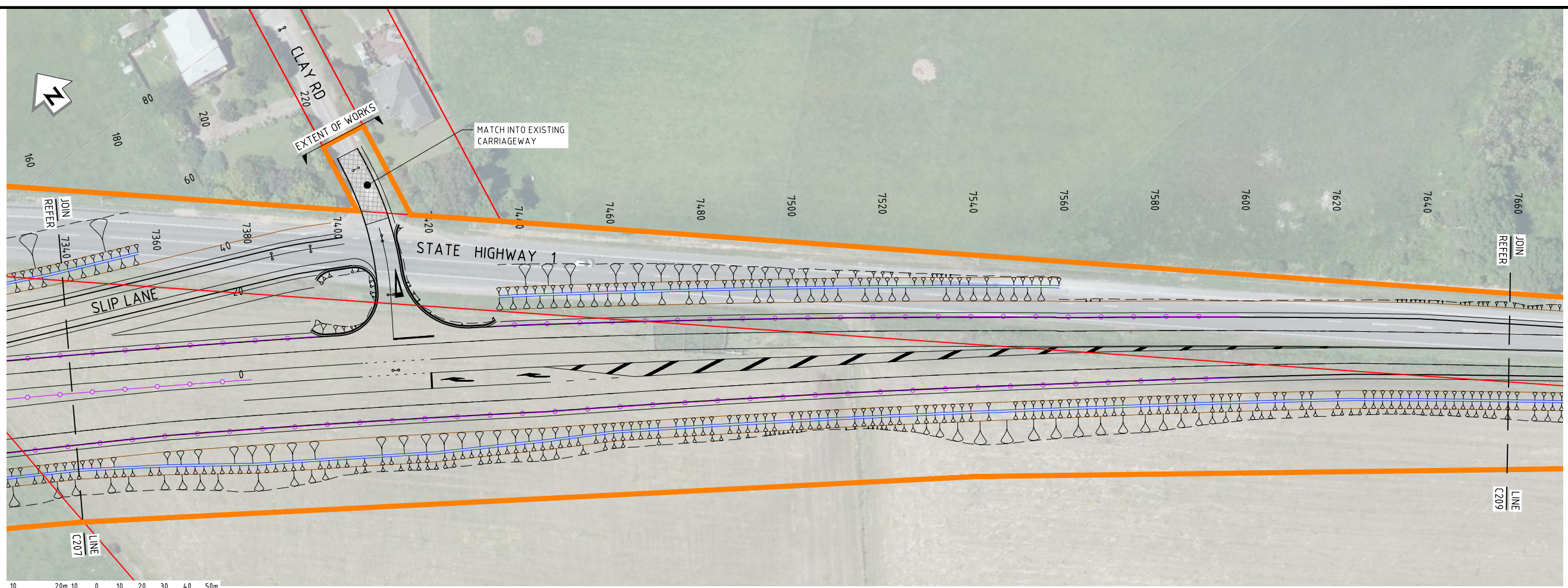
30

20

10

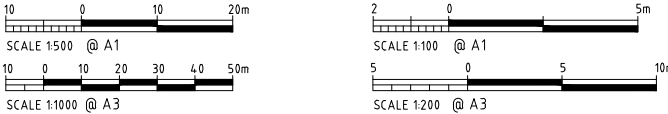
0

ORIGINAL SIZE A1



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3

	7340.0	7360.0	7380.0	7400.0	7420.0	7440.0	7460.0	7480.0	7500.0	7520.0	7540.0	7560.0	7580.0	7600.0	7620.0	7640.0	7660.0
DATUM R.L. = 9.0																	
-CUT/+FILL DEPTH (m)	-1.521	-1.073	-0.720	-0.570	-0.819	-0.325	-0.080	-0.030	-0.478	-0.636	-0.715	-0.400	-1.019	-0.920	-0.700	-0.479	-0.181
EXISTING LEVEL	11.513	16.838	15.788	14.745	14.272	14.541	14.563	14.388	13.715	13.334	13.030	13.120	12.277	12.151	12.147	12.144	12.218
DESIGN LEVEL	15.989	15.764	15.540	15.316	15.091	14.867	14.642	14.418	14.193	13.969	13.745	13.520	13.296	13.071	12.847	12.622	12.398
STATION (MC00)	7340.0	7360.0	7380.0	7400.0	7420.0	7440.0	7460.0	7480.0	7500.0	7520.0	7540.0	7560.0	7580.0	7600.0	7620.0	7640.0	7660.0
VERTICAL GEOMETRY	P=-1.122% L=388.482																
HORIZONTAL GEOMETRY	R=3000.000 L=517.563																
SUPERELEVATION LEFT	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000
SUPERELEVATION RIGHT	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000	-3.000



LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3

REV	DESCRIPTION	DATE	BY	CHECKED	APP. DATE
B	ISSUED FOR CONSENT	11/15	PJC	JP	PP
A	FOR CONSULTATION	09/15	PJC	JP	JP
	REVISIONS		DRN	CHK	APP

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

**WAITARERE BEACH ROAD
CURVES PROJECT**

GENERAL ARRANGEMENT PLAN, MC00

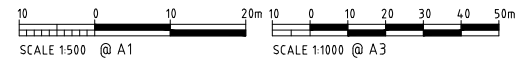
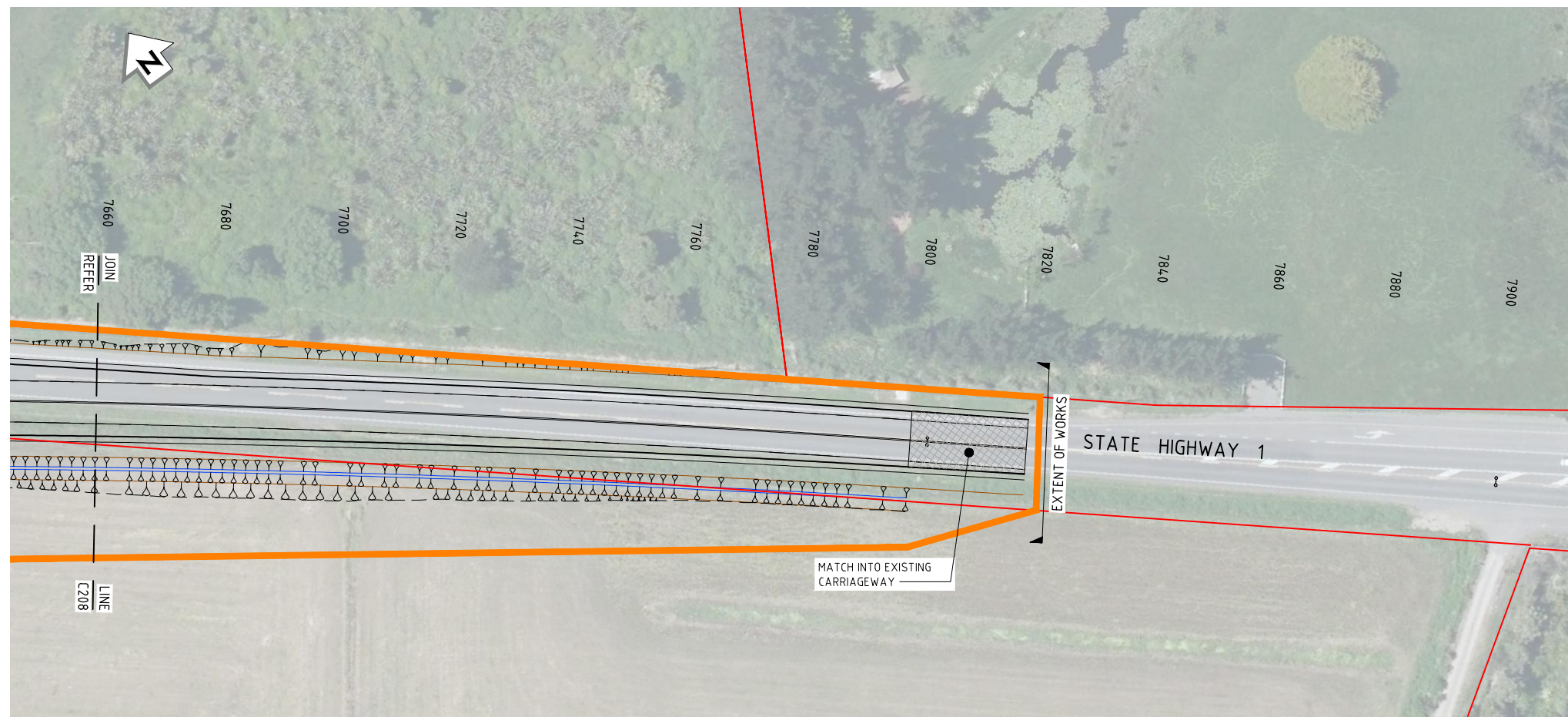
Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C208
Rev	B

NOT FOR CONSTRUCTION

DO NOT SCALE - IF IN DOUBT, ASK

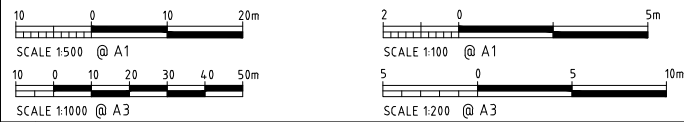
200 mm
150
100
90
80
70
60
50
40
30
20
10
0

ORIGINAL SIZE A1



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3

DATUM R.L. = 8.0	
-CUT/+FILL DEPTH (m)	1.181 -0.051 -0.091 -0.021 -0.026 0.006 0.103 0.112 -0.006
EXISTING LEVEL	12.218 12.225 12.040 11.751 11.572 11.398 11.201 11.136 11.239
DESIGN LEVEL	12.398 12.174 11.949 11.729 11.545 11.404 11.305 11.248 11.233
STATION (MC00)	7660.0 7680.0 7700.0 7720.0 7740.0 7760.0 7780.0 7800.0 7820.0
VERTICAL GEOMETRY	P=-1.122% L=388.482 K=94.507 L=190.073
HORIZONTAL GEOMETRY	R=3000.000 L=517.563 D
SUPERELEVATION LEFT	-3.000 -3.000 -3.000 -3.000 -3.000 -3.000 -3.000 -3.000 -3.000
SUPERELEVATION RIGHT	-3.000 -3.000 -3.000 -3.000 -3.000 -3.000 -3.000 -3.000 -3.000



LONGITUDINAL SECTION
SCALES:- Horiz 1:500, Vert. 1:100 @A1
Horiz 1:1000, Vert. 1:200 @A3

REV	DESCRIPTION	PJC	JP	PP	DATE
B	ISSUED FOR CONSENT				11/15
A	FOR CONSULTATION				09/15
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION		

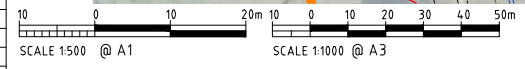
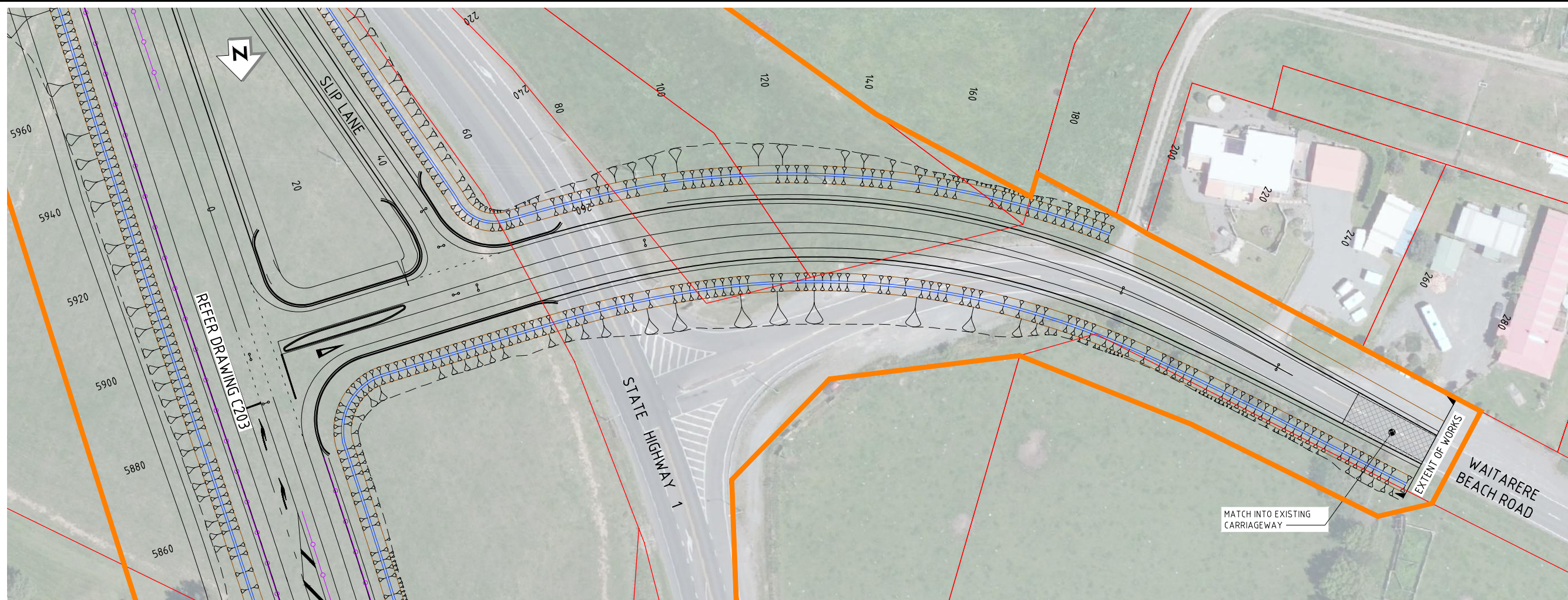


Client:
**WAITARERE BEACH ROAD
CURVES PROJECT**
GENERAL ARRANGEMENT PLAN, MC00

NOT FOR CONSTRUCTION	
Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scale	AS SHOWN
Drawing No.	80500902-04-0853-C209
Rev	B

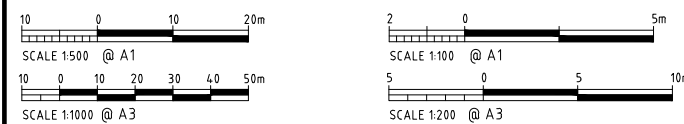
ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3

DATUM R.L. = 19.0	
-CUT/+FILL DEPTH	-0.423 -0.226 -0.166 -0.144 -0.568 -1.279 -1.160 -1.090 -1.102 -0.970 -0.302 -0.013 -0.007 -0.037 0.039
EXISTING LEVEL	22.030 21.897 21.858 22.234 23.264 24.226 24.292 24.339 24.402 24.254 23.521 23.188 23.244 23.318 23.424
DESIGN LEVEL	21.607 21.671 22.024 22.377 22.695 22.947 23.131 23.249 23.300 23.285 23.219 23.201 23.251 23.355 23.464
STATION (MC10)	0.0 20.0 40.0 60.0 80.0 100.0 120.0 140.0 160.0 180.0 200.0 220.0 240.0 260.0 280.0
VERTICAL GEOMETRY	 P=1.765% L=42.656 K=-60.000 L=130.789 K=60.000 L=57.550 P=0.544%
HORIZONTAL GEOMETRY	D=53.556 CL=39.000 R=188.000 L=109.550 CL=39.000 D=91.826 L=85.114



LONGITUDINAL SECTION
 SCALES:- Horiz 1:500, Vert. 1:100 @A1
 Horiz 1:1000, Vert. 1:200 @A3

NOT FOR CONSTRUCTION

REV	DESCRIPTION	BY	CHK	APP	DATE
B	ISSUED FOR CONSENT	PJC	JP	PP	11/15
A	FOR CONSULTATION	PJC	JP	JP	09/15
		DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		

Client:

**WAITARERE BEACH ROAD
 CURVES PROJECT**

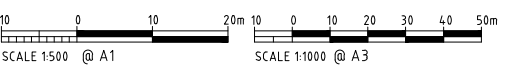
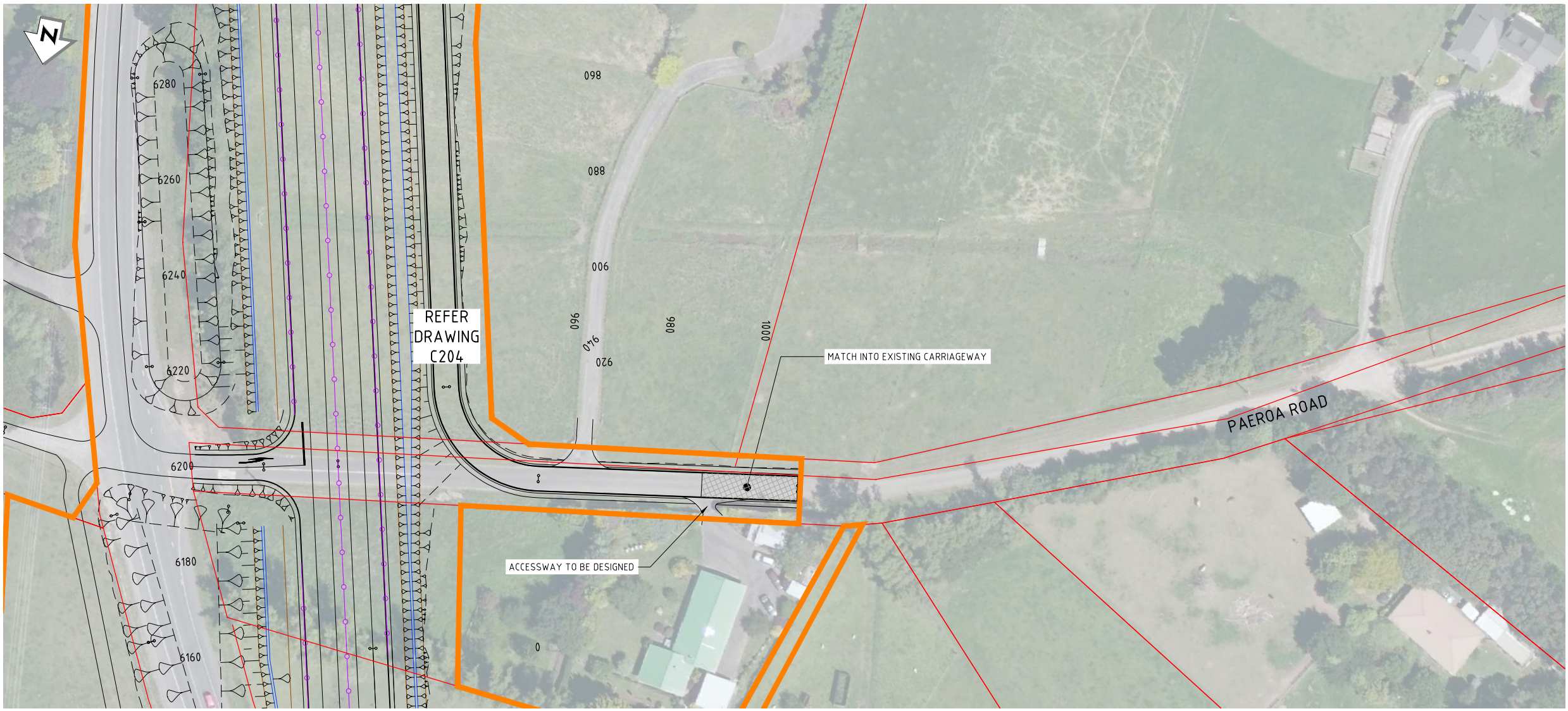
**GENERAL ARRANGEMENT PLAN, MC10
 WAITARERE BEACH ROAD**

Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scale	AS SHOWN
Drawing No.	80500902-04-0853-C211
Rev	B

DO NOT SCALE - IF IN DOUBT, ASK

200 mm
150
100
90
80
70
60
50
40
30
20
10
0

ORIGINAL SIZE **A1**



PLAN
SCALE 1:500 @ A1; 1:1000 @ A3

NOT FOR CONSTRUCTION

REV	DESCRIPTION	BY	CHK	APP	DATE
B	ISSUED FOR CONSENT	PJC	JP	PP	11/15
A	FOR CONSULTATION	PJC	JP	JP	09/15
		DRN	CHK	APP	DATE

SURVEYED	LIDAR & Aerial Photos	04/14
DESIGNED	Barbara Browne	06/14
DRAWN	Phillip Cook	06/14
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED		
PROF REGISTRATION:		



Client:
**WAITARERE BEACH ROAD
CURVES PROJECT**

**GENERAL ARRANGEMENT PLAN, MC20
PAEROA ROAD**

Status Stamp	FOR CONSENT
Date Stamp	12/11/2015
Scales	AS SHOWN
Drawing No.	80500902-04-0853-C212
Rev.	B