



**MARLBOROUGH
DISTRICT COUNCIL**

**MARLBOROUGH DISTRICT COUNCIL
WESTWOOD AVE TO MURPHYS RD, MIDDLE RENWICK
PROPOSED CYCLE FACILITIES**

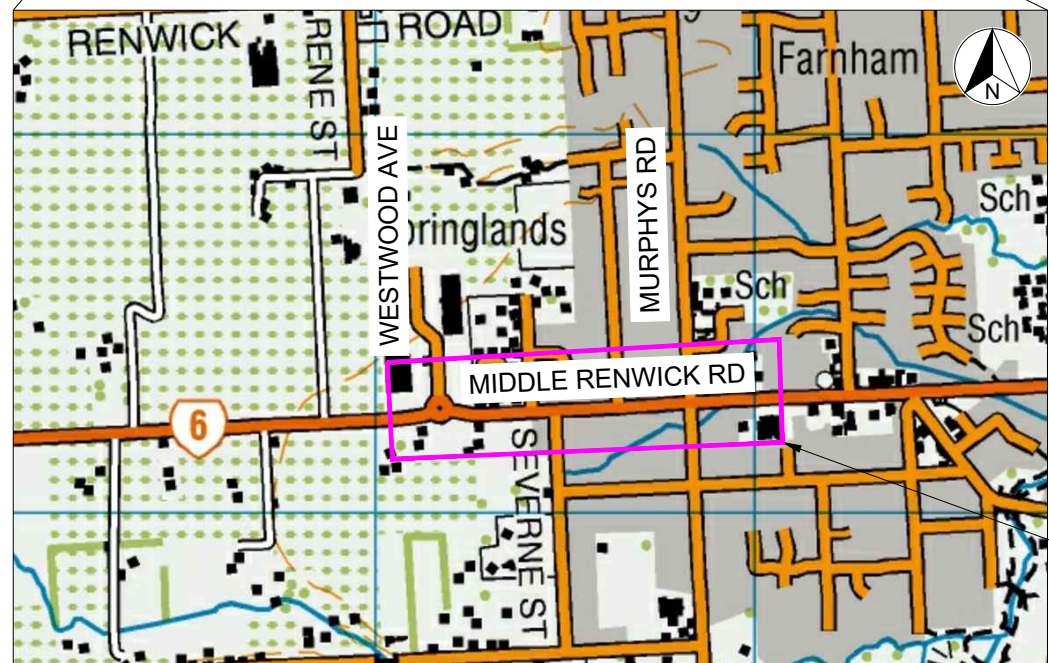
**CIVIL
FOR CONSTRUCTION**

Project No: 5-G3508.00
Date: 2021-04-09

300 mm
200
100
50
0 10 mm

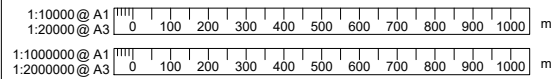


LOCATION MAP
1:1,000,000(A1) ; 1:2,000,000(A3)



LOCATION PLAN
SCALE: 1:10,000(A1); 1:20,000(A3)

SITE LOCATION



REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN	J.I.	2020-12-15
B	TENDER	J.I.	2021-01-15
C	REVIEW	J.I.	2021-01-29
1	CONSTRUCTION	J.I.	2021-03-03
2	FOR CONSTRUCTION	J.I.	2021-03-10
3	INDEX SHEET UPDATED	J.I.	2021-04-09



CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
AS SHOWN	P.RUPAKHETI	J.IRELAND	A1
DRAWN	DESIGN VERIFIED	APPROVED DATE	
S.GAUTAM	P.KORTEGAST	2020-12-15	

FOR CONSTRUCTION

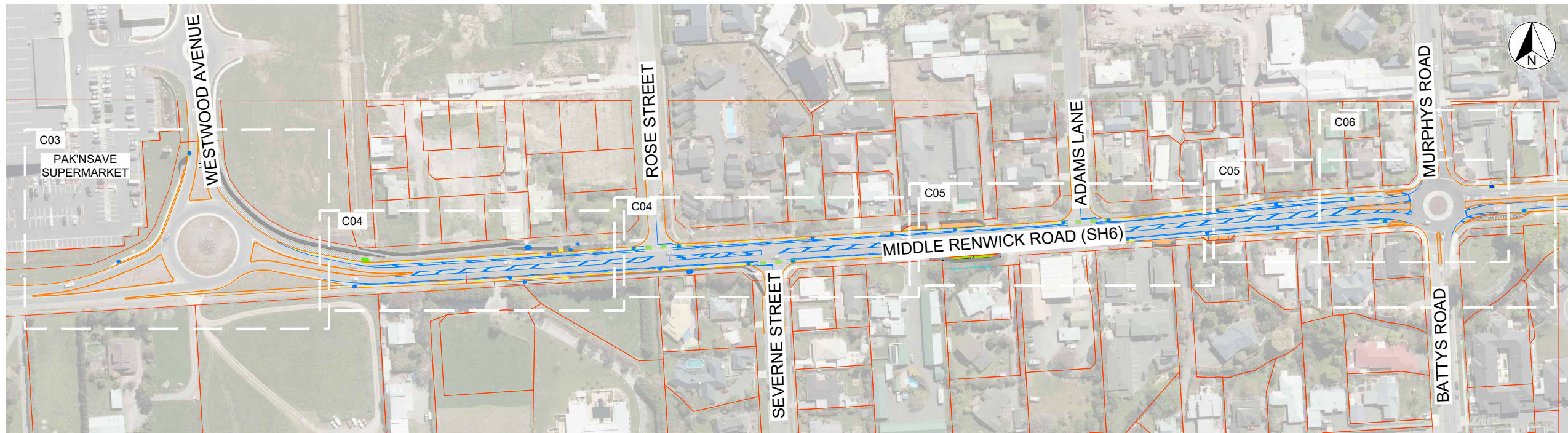
PROJECT	
MARLBOROUGH DISTRICT COUNCIL WESTWOOD AVE TO MURPHYS RD, MIDDLE RENWICK PROPOSED CYCLE FACILITIES	
TITLE	
LOCATION MAP AND PLAN AND DRAWING INDEX	
WSP PROJECT NO. (SUB-PROJECT)	SHEET NO.
5-G3508.00	C01
REVISION	
3	

PROJECT NAME:	DAY	15	15	29	03	10	09												
MARLBOROUGH DISTRICT COUNCIL	MONTH	12	01	01	03	03	04												
WESTWOOD AVE TO MURPHYS RD, MIDDLE RENWICK PROPOSED CYCLE FACILITIES	YEAR	20	21	21	21	21	21												

SHEET No.	DRAWING TITLE	ISSUE									
C00	COVER SHEET	-	-	-	-	-	-	-	-	-	-
C01	LOCATION MAP, PLAN AND DRAWING INDEX	A	B	C	1	2	3				
C02	OVERALL SITE PLAN	A	B	C	1	1	1				
C03	SITE PLAN - SHEET 1 OF 4	A	B	C	1	2	3				
C04	SITE PLAN - SHEET 2 OF 4	A	B	C	1	2	3				
C05	SITE PLAN - SHEET 3 OF 4	A	B	C	1	2	3				
C06	SITE PLAN - SHEET 4 OF 4	A	B	C	1	2	2				
C07	TYPICAL SECTION DETAILS	-	-	A	1	2	2				
C08	TYPICAL CROSS SECTION DETAILS	-	-	A	1	2	3				

DISTRIBUTION	NUMBER OF COPIES									
WSP	1	1	1	1	1	1				
MARLBOROUGH DISTRICT COUNCIL	1	1	1	1	1	1				

REASON FOR ISSUE		REASON FOR ISSUE					DRAWING SIZE					MEDIA						
A = APPROVAL	I = INFORMATION	D = DRAFT	P	T	R	C	C	C	A3	A3	A3	A3	A3	E	E	E	E	E
C = CONSTRUCTION	T = TENDER																	
B = AS BUILT	Y = FOR CONSENT																	
P = PRELIMINARY	E = ELECTRONIC	B = BOTH																
R = REVIEW	PA = PAPER																	

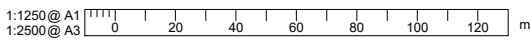


OVERALL SITE PLAN
SCALE: 1:1250 @ A1, 1:2500 @ A3

LEGEND:

	PROPERTY BOUNDARY
	CYCLE LANE
	NEW PATH
	EXISTING PATH
	TACTILES
	NEW SHARED PATH MARKING

300 mm
200
100
50
0 10 mm



REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN	J.I	2020-12-15
B	TENDER	J.I	2021-01-15
C	REVIEW	J.I	2021-01-29
1	CONSTRUCTION	J.I	2021-03-03



wsp
Nelson Office
+64 3 548 1099
Private Bag 36
Nelson 7042
New Zealand

CIVIL

SCALES	ORIGINAL SIZE	
AS SHOWN	A1	
DRAWN	DESIGNED	APPROVED
S.GAUTAM	P.RUPAKHETI	J.IRELAND
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	P.KORTEGAST	2020-12-15

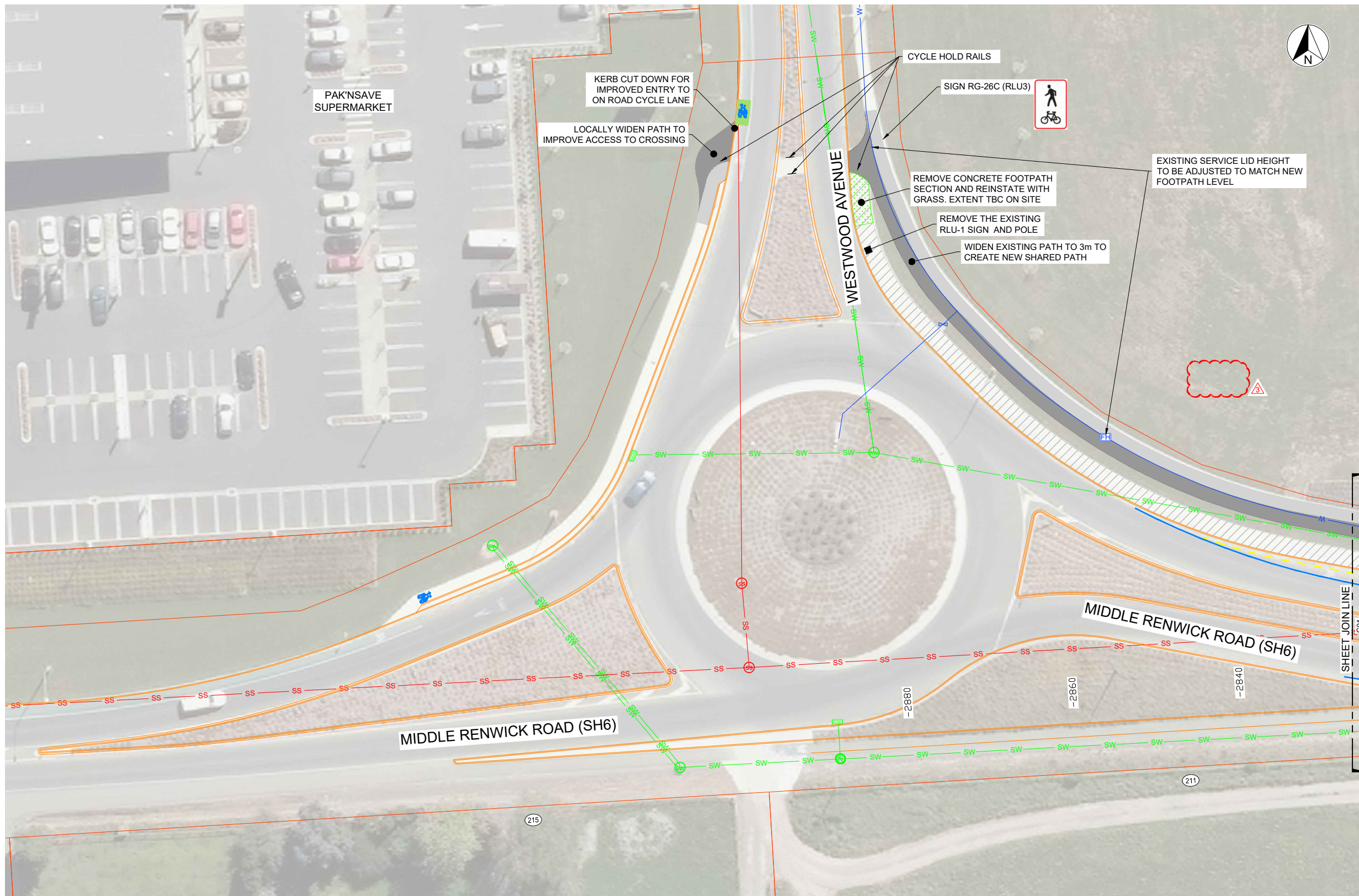
FOR CONSTRUCTION

PROJECT
MARLBOROUGH DISTRICT COUNCIL
WESTWOOD AVE TO MURPHYS RD , MIDDLE RENWICK
PROPOSED CYCLE FACILITIES

TITLE
OVERALL SITE PLAN

WSP PROJECT NO. (SUB-PROJECT)
5-G3508.00

SHEET NO. C02
REVISION 1

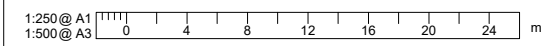


LEGEND:

- PROPERTY BOUNDARY
- EXISTING FENCE
- NEW FENCE
- NEW BERM
- C CYCLE LANE MARKING
- NEW PATH
- EXISTING PATH
- TACTILES
- C (148) NEW SHARED PATH MARKING
- 148 PROPERTY NO.
- P POWER POLES
- U UNDERGROUND CABLE
- OH OVERHEAD CABLE
- FO FIBRE OPTIC
- W WATER MAIN
- V VALVE
- FH HYDRANT
- BF BACKFLOW PREVENTER
- SS SEWER MAIN
- N SEWER NODE
- SEWER PUMPSTATION
- SM SEWER MANHOLE
- SW STORMWATER MAIN
- N STORMWATER NODE
- SUMP
- SM STORMWATER MANHOLE

- NOTES:**
1. EXISTING SERVICES SHOWN ARE INDICATIVE ONLY. CONTRACTOR TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF WORKS.
 2. ALL CONSTRUCTION WORKS TO BE IN ACCORDANCE WITH NZS 4404:2010.
 3. ALL ROAD MARKING AND SIGNS TO BE IN ACCORDANCE WITH MOTSAM. SETTING OUT OF SIGNS AND MARKING TO BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
 4. MEDIAN MARKINGS BETWEEN CHAINAGES 2390 AND 2800 ARE TO REMAIN UNCHANGED. THESE ARE SHOWN ON THE DRAWINGS FOR COMPLETENESS.
 5. CYCLEWAY GREEN SURFACE - G26 APPLE GREEN.
 6. CONTRACTOR TO REVIEW SAFETY IN DESIGN REGISTER PRIOR TO STARTING WORKS.
 7. CONTRACTOR TO DETERMINE EXACT POSITION AND DEPTH OF WATERMAIN ON SOUTH SIDE OF ROAD WHERE PARKING BAYS ARE ADJACENT OUTSIDE 169, 159, 157B MIDDLE RENWICK ROAD.

SITE PLAN
SCALE: 1:250 @ A1, 1:500 @ A3



REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN	J.I	2020-12-15
B	TENDER	J.I	2021-01-15
C	REVIEW	J.I	2021-01-29
1	CONSTRUCTION	J.I	2021-03-03
2	FOR CONSTRUCTION	J.I	2021-03-10
3	FOR CONSTRUCTION - MINOR AMENDMENTS	J.I	2021-04-09



CIVIL

SCALES		ORIGINAL SIZE
AS SHOWN		A1
DRAWN	DESIGNED	APPROVED
S.GAUTAM	P.RUPAKHETI	J.IRELAND
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	P.KORTEGAST	2020-12-15

FOR CONSTRUCTION

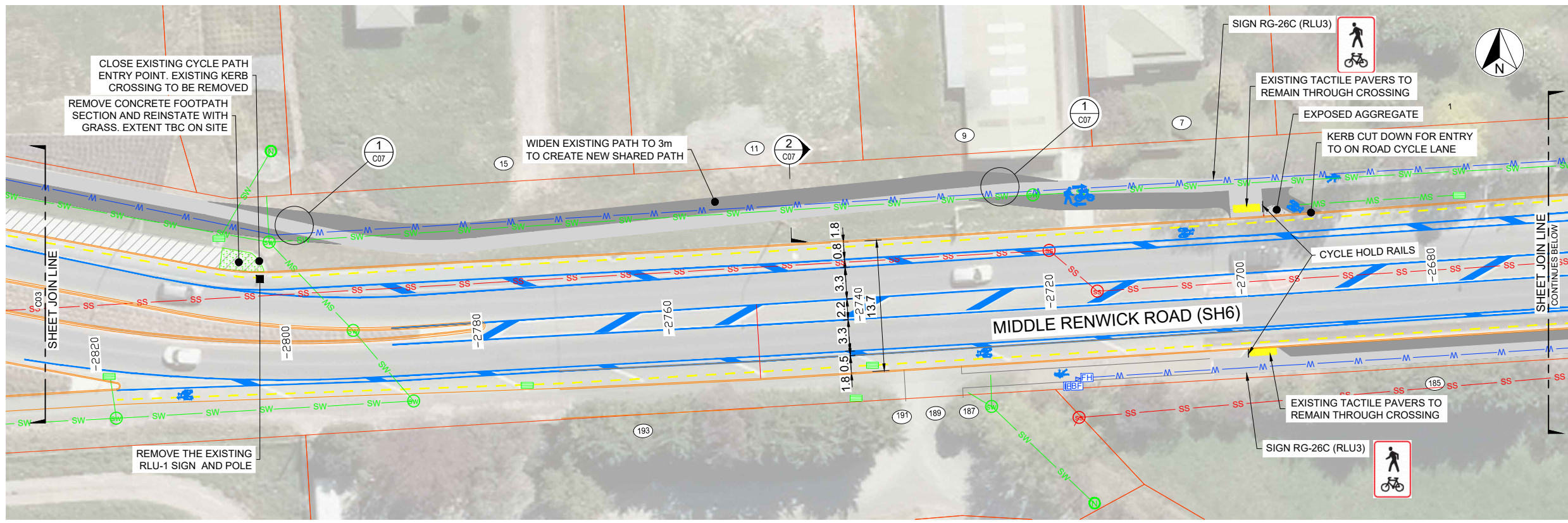
PROJECT
MARLBOROUGH DISTRICT COUNCIL
WESTWOOD AVE TO MURPHYS RD, MIDDLE RENWICK
PROPOSED CYCLE FACILITIES

TITLE
SITE PLAN
SHEET 1 OF 4

WSP PROJECT NO. (SUB-PROJECT)
5-G3508.00

SHEET NO.
C03

REVISION
3

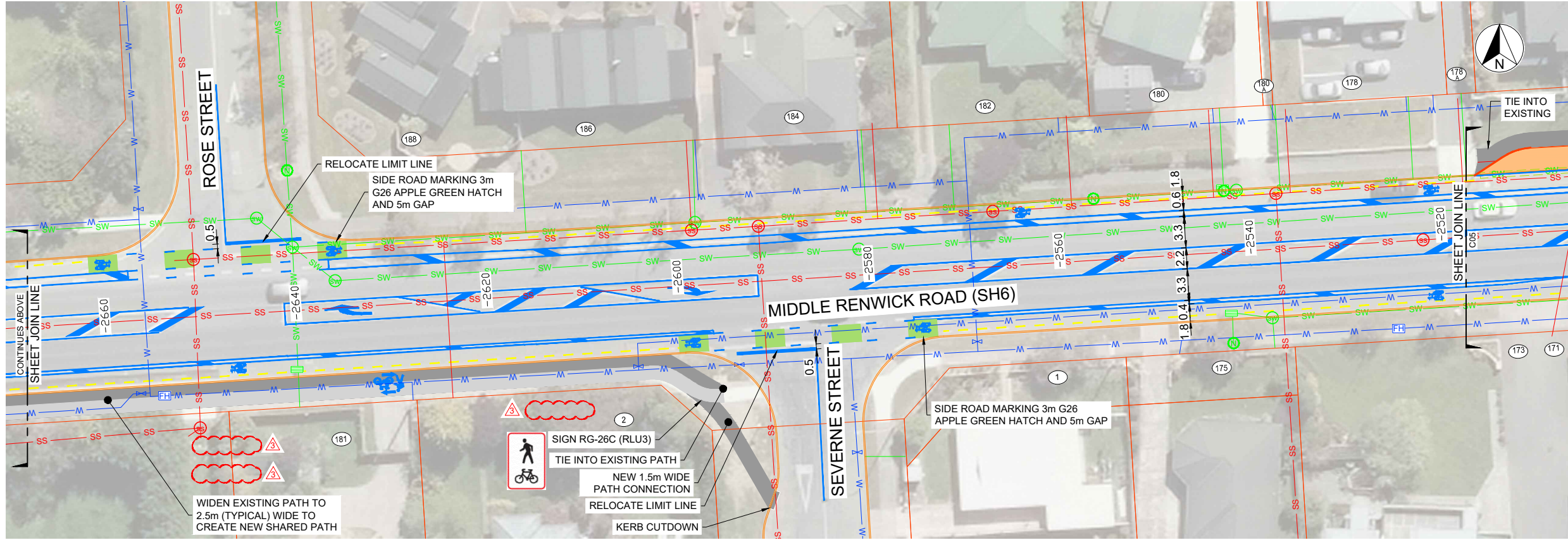


SITE PLAN
SCALE: 1:250 @ A1, 1:500 @ A3

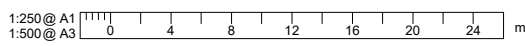
LEGEND:

	PROPERTY BOUNDARY
	EXISTING FENCE
	NEW FENCE
	NEW BERM
	CYCLE LANE MARKING
	NEW PATH
	EXISTING PATH
	TACTILES
	NEW SHARED PATH MARKING
	PROPERTY NO.
	POWER POLES
	UNDERGROUND CABLE
	OVERHEAD CABLE
	FIBRE OPTIC
	WATER MAIN
	VALVE
	HYDRANT
	BACKFLOW PREVENTER
	SEWER MAIN
	SEWER NODE
	SEWER PUMPSTATION
	SEWER MANHOLE
	STORMWATER MAIN
	STORMWATER NODE
	SUMP
	STORMWATER MANHOLE

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SITE PLAN
SCALE: 1:250 @ A1, 1:500 @ A3



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1	CONSTRUCTION	J.I.	2021-03-03
2	FOR CONSTRUCTION	J.I.	2021-03-10
3	FOR CONSTRUCTION - MINOR AMENDMENTS	J.I.	2021-04-09



CIVIL

SCALES	DESIGNED	APPROVED
AS SHOWN	P.RUPAKHETI	J.IRELAND
DRAWN	S.GAUTAM	P.KORTEGAST
DRAWING VERIFIED	S.FORBES	P.KORTEGAST
DESIGN VERIFIED	P.KORTEGAST	APPROVED DATE
		2020-12-15

FOR CONSTRUCTION

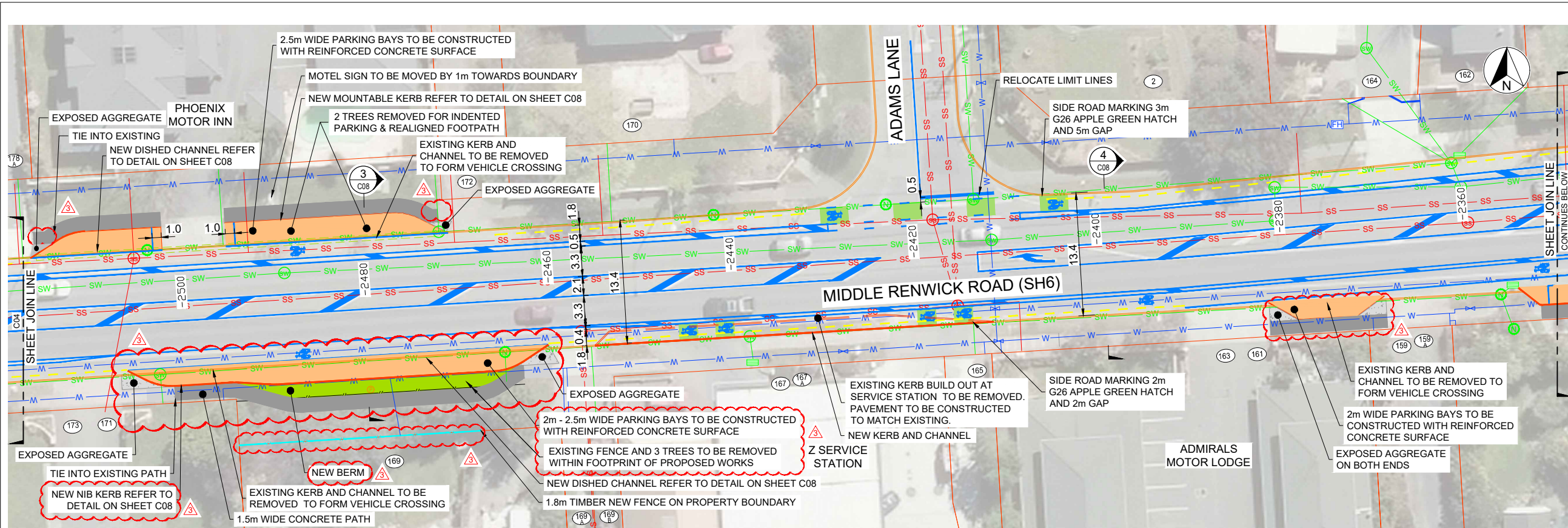
PROJECT
MARLBOROUGH DISTRICT COUNCIL
WESTWOOD AVE TO MURPHYS RD, MIDDLE RENWICK
PROPOSED CYCLE FACILITIES

TITLE
SITE PLAN
SHEET 2 OF 4

WSP PROJECT NO. (SUB-PROJECT)
5-G3508.00

SHEET NO.
C04

REVISION
3



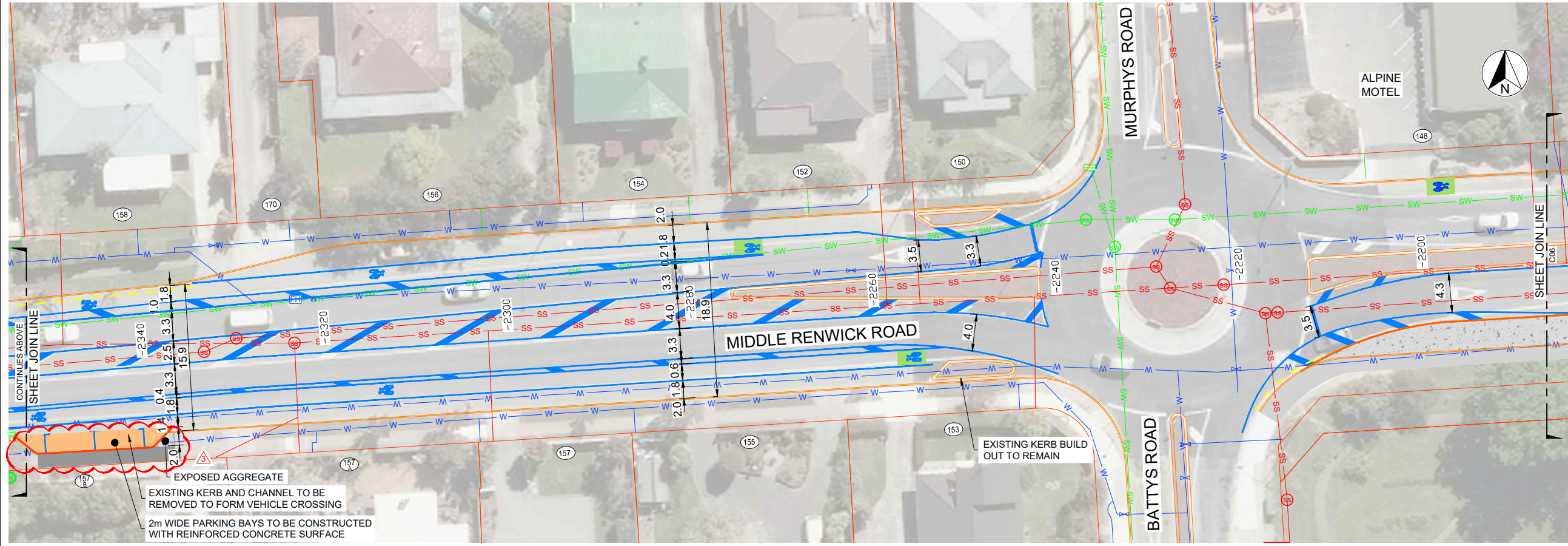
SITE PLAN

SCALE: 1:250 @ A1, 1:500 @ A3

LEGEND:

- PROPERTY BOUNDARY
- EXISTING FENCE
- NEW FENCE
- NEW BERM
- CYCLE LANE MARKING
- NEW PATH
- EXISTING PATH
- TACTILES
- NEW SHARED PATH MARKING
- PROPERTY NO.
- POWER POLES
- UNDERGROUND CABLE
- OVERHEAD CABLE
- FIBRE OPTIC
- WATER MAIN
- VALVE
- HYDRANT
- BACKFLOW PREVENTER
- SEWER MAIN
- SEWER NODE
- SEWER PUMPSTATION
- SEWER MANHOLE
- STORMWATER MAIN
- STORMWATER NODE
- SUMP
- STORMWATER MANHOLE

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SITE PLAN

SCALE: 1:250 @ A1, 1:500 @ A3

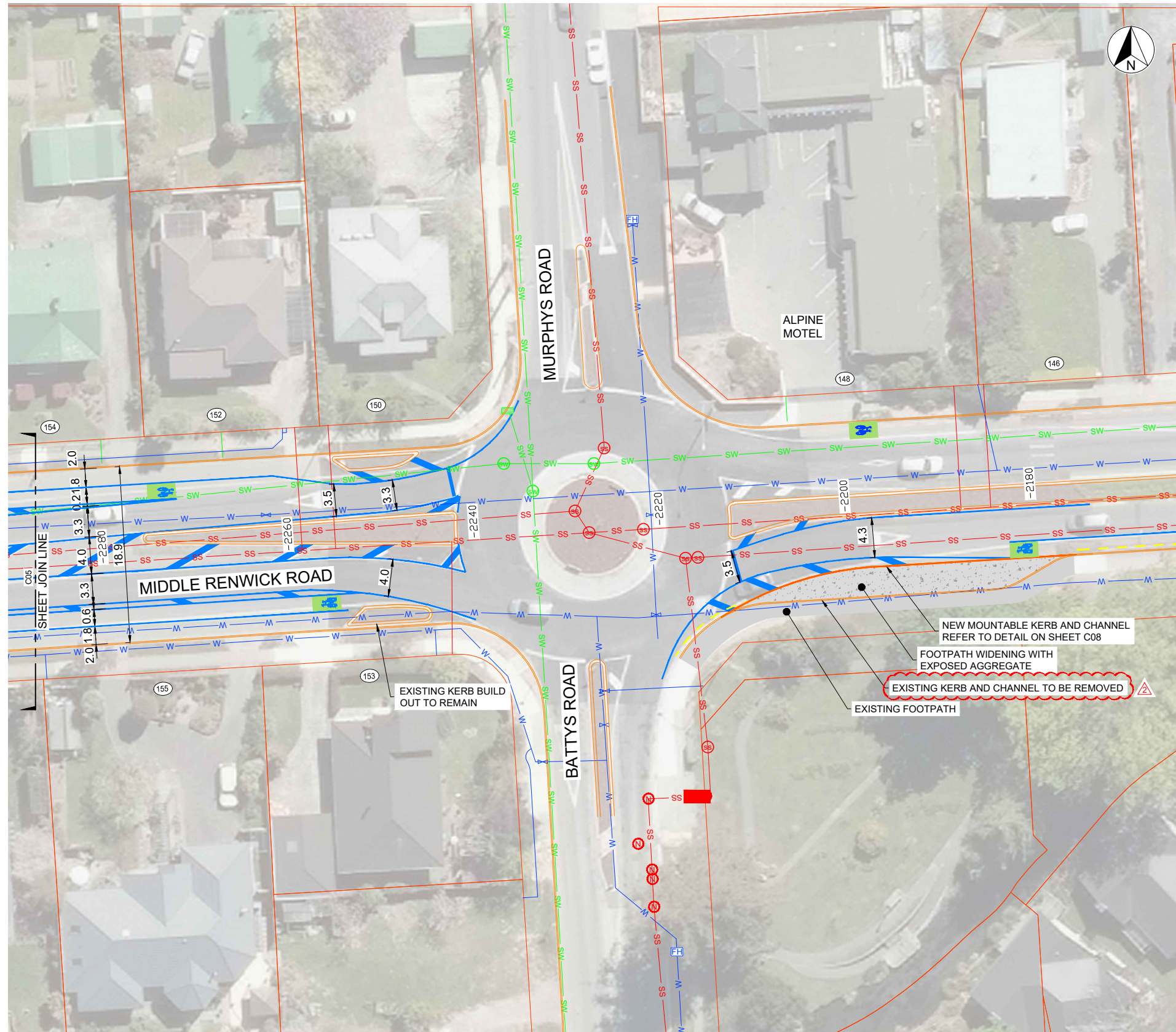
REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN	J.I.	2020-12-15
B	TENDER	J.I.	2021-01-15
C	REVIEW	J.I.	2021-01-29
1	CONSTRUCTION	J.I.	2021-03-03
2	FOR CONSTRUCTION	J.I.	2021-03-10
3	CONSTRUCTION - PARKING BAY LAYOUT ADJUSTED AND NOTES UPDATED	J.I.	2021-04-09



CIVIL

SCALES	DESIGNED	APPROVED
AS SHOWN	P.RUPAKHETI	J.IRELAND
DRAWN	S.GAUTAM	
DESIGN VERIFIED	P.KORTEGAST	2020-12-15
APPROVED DATE		

PROJECT	TITLE	SHEET NO.	REVISION
MARLBOROUGH DISTRICT COUNCIL WESTWOOD AVE TO MURPHYS RD , MIDDLE RENWICK PROPOSED CYCLE FACILITIES	SITE PLAN SHEET 3 OF 4	C05	3
WSP PROJECT NO. (SUB-PROJECT) 5-G3508.00			

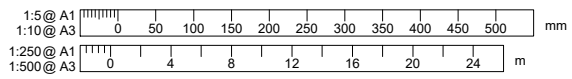


LEGEND:

	PROPERTY BOUNDARY
	CYCLE LANE MARKING
	NEW PATH
	EXISTING PATH
	TACTILES
	NEW SHARED PATH MARKING
	PROPERTY NO.
	POWER POLES
	UNDERGROUND CABLE
	OVERHEAD CABLE
	FIBRE OPTIC
	WATER MAIN
	VALVE
	HYDRANT
	BACKFLOW PREVENTER
	SEWER MAIN
	SEWER NODE
	SEWER PUMPSTATION
	SEWER MANHOLE
	STORMWATER MAIN
	STORMWATER NODE
	SUMP
	STORMWATER MANHOLE

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 - CYCLEWAY GREEN SURFACE - G26 APPLE GREEN.
 - CONTRACTOR TO REVIEW SAFETY IN DESIGN REGISTER PRIOR TO STARTING WORKS.

SITE PLAN
SCALE: 1:250 @ A1, 1:500 @ A3



REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN	J.I	2020-12-15
B	TENDER	J.I	2021-01-15
C	REVIEW	J.I	2021-01-29
1	CONSTRUCTION	J.I	2021-03-03
2	FOR CONSTRUCTION	J.I	2021-03-10



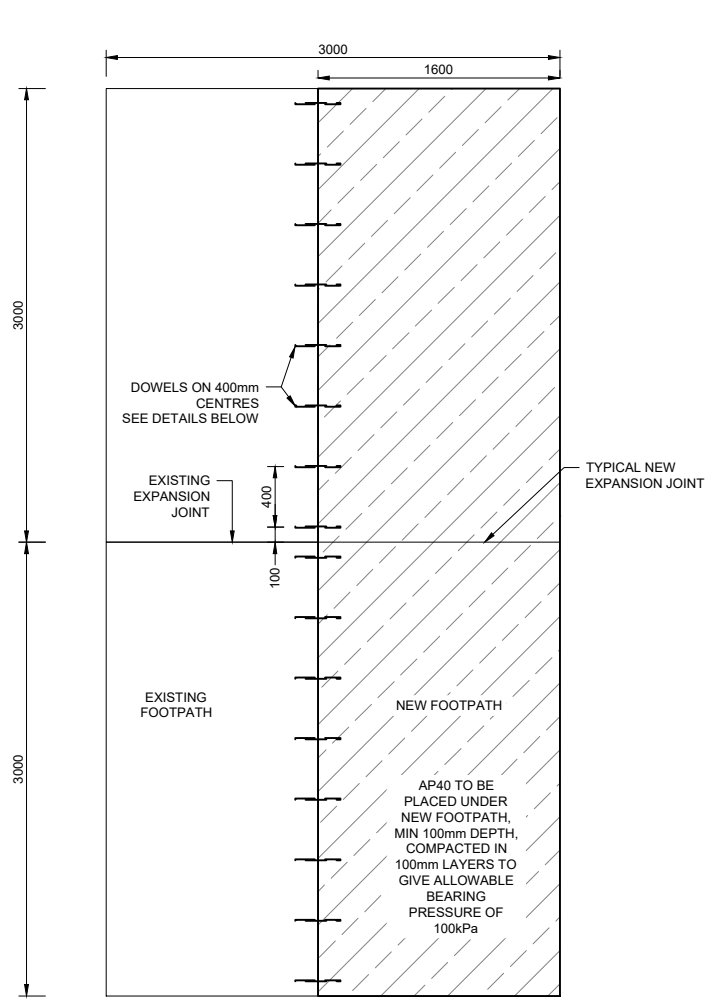
CIVIL

SCALES	ORIGINAL SIZE	
AS SHOWN	A1	
DRAWN	DESIGNED	APPROVED
S.GAUTAM	P.RUPAKHETI	J.IRELAND
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	P.KORTEGAST	2020-12-15

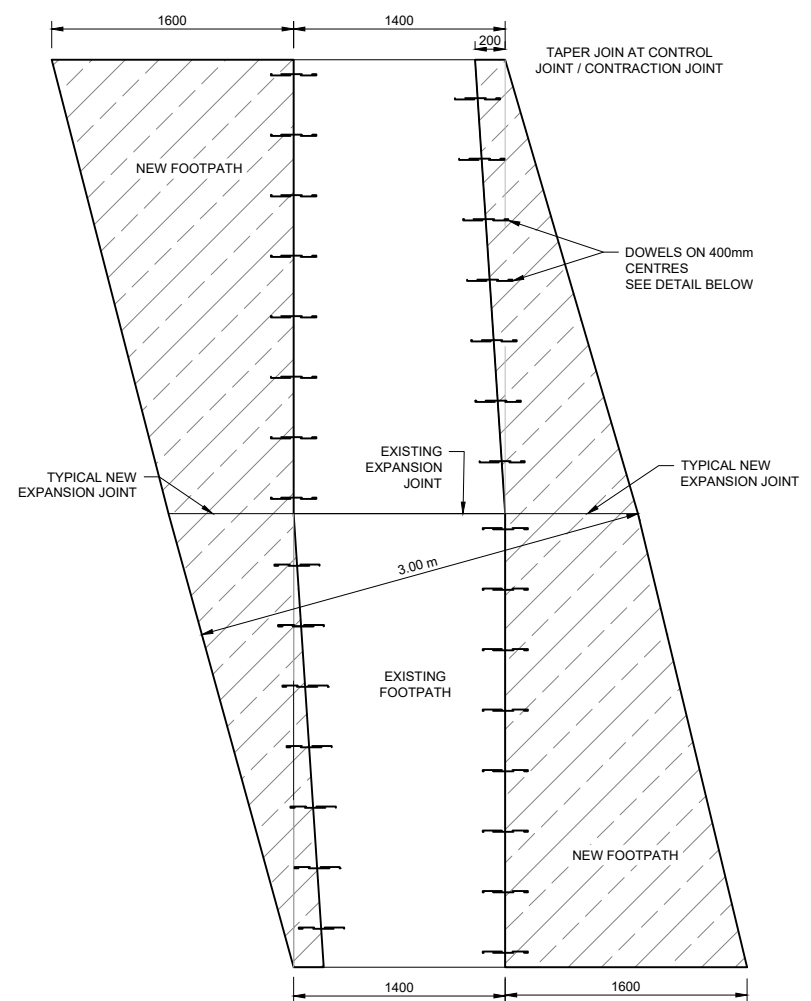
FOR CONSTRUCTION

PROJECT	MARLBOROUGH DISTRICT COUNCIL WESTWOOD AVE TO MURPHYS RD , MIDDLE RENWICK PROPOSED CYCLE FACILITIES
TITLE	SITE PLAN SHEET 4 OF 4
WSP PROJECT NO. (SUB-PROJECT)	5-G3508.00
SHEET NO.	C06
REVISION	2

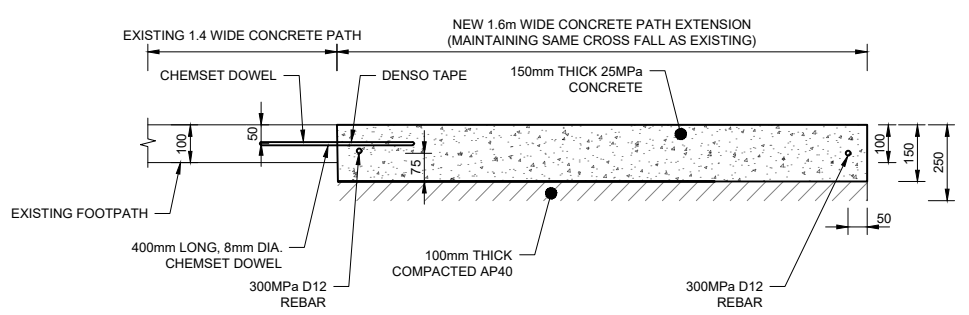
300 mm
200
100
50
0 10 mm



PLAN - NEW SLAB WIDENING
SCALE: 1:25(A1), 1:50(A3)



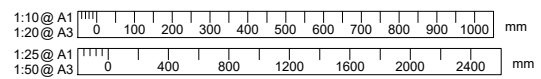
1 PLAN - NEW SLAB TAPER JOINS
SCALE: 1:25(A1), 1:50(A3)



- NOTES:**
- DOWEL TO BE 400mm LONG, 8mm DIA. STAINLESS STEEL (316) ROD, SET INTO EXISTING SLAB WITH HILTI HY-200 RESIN AND WRAPPED IN DENSO TAPE IN NEW FOOTPATH.

2 CROSS SECTION - PATH WIDENING
SCALE: 1:10(A1), 1:20(A3)

- NOTES:**
- DIMENSIONS ARE INDICATIVE ONLY AND TO BE CONFIRMED ON SITE BY AN ENGINEER.
 - PATH TO HAVE BROOM CONCRETE FINISH.
 - CONTROL JOINTS ON WIDENED PATH TO ALIGN WITH EXISTING.
 - PATH TO BE CONSTRUCTED WITH CROSSFALL TO DRAIN TO SURROUNDING GROUND SURFACE.



REVISION	AMENDMENT	APPROVED	DATE
A	REVIEW	J.I	2021-01-29
1	CONSTRUCTION	J.I	2021-03-03
2	FOR CONSTRUCTION	J.I	2021-03-10



wsp
Nelson Office
+64 3 548 1099
Private Bag 36
Nelson 7042
New Zealand

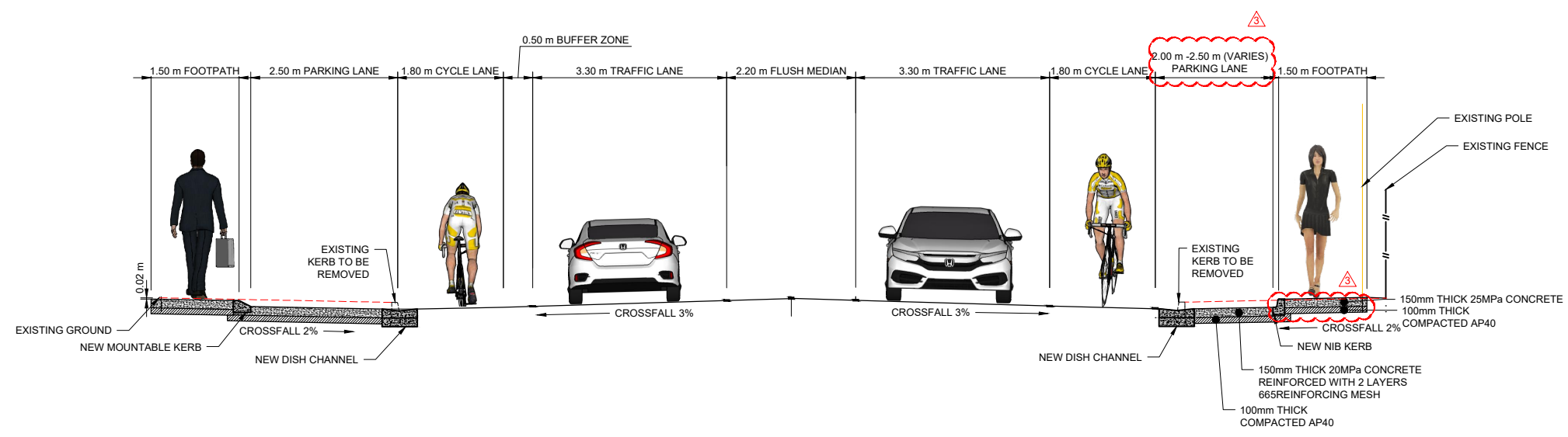
CIVIL

SCALES	DESIGNED	APPROVED
AS SHOWN	P.RUPAKHETI	J.IRELAND
DRAWN	S.GAUTAM	J.IRELAND
DRAWING VERIFIED	S.FORBES	J.IRELAND
DESIGN VERIFIED	J.IRELAND	2021-01-28

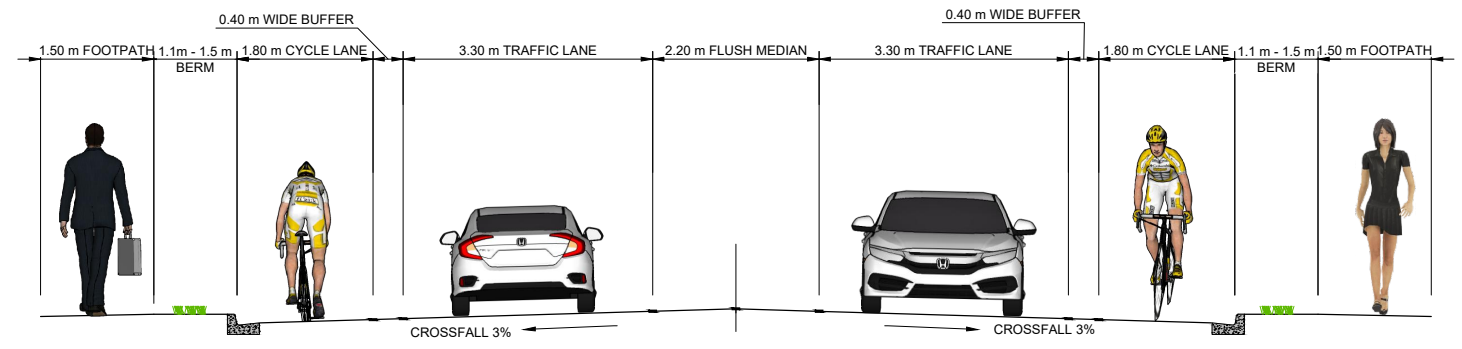
ORIGINAL SIZE: A1

FOR CONSTRUCTION

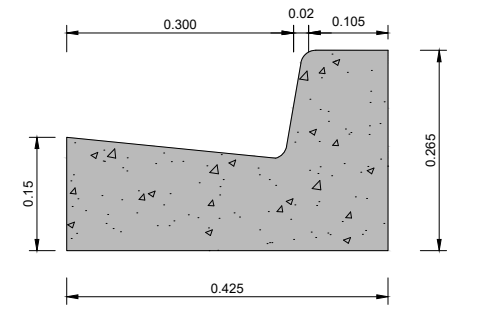
PROJECT	MARLBOROUGH DISTRICT COUNCIL WESTWOOD TO MURPHYS RD , MIDDLE RENWICK PROPOSED CYCLE FACILITIES
TITLE	TYPICAL SECTION DETAILS
WSP PROJECT NO. (SUB-PROJECT)	5-G3508.00
SHEET NO.	C07
REVISION	2



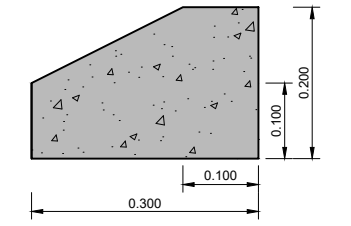
3 TYPICAL CROSS SECTION - PARKING (RP2500)
 C05 SCALE 1:50(A1), 1:100(A3)



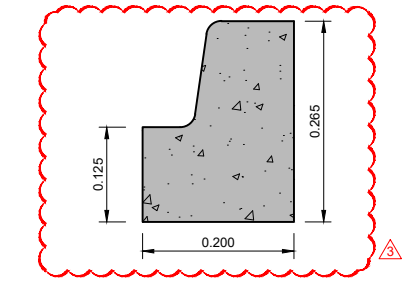
4 TYPICAL CROSS SECTION - WITHOUT PARKING
 C05 SCALE 1:50(A1), 1:100(A3)



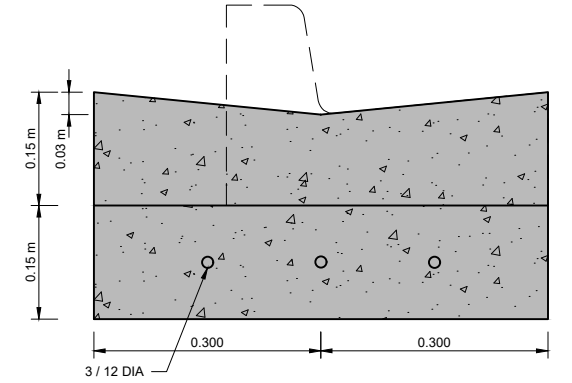
KERB AND CHANNEL DETAIL
 SCALE 1:5(A1), 1:10(A3)



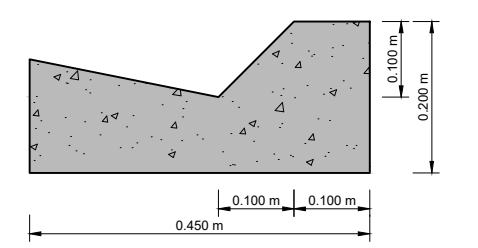
MOUNTABLE KERB DETAIL
 SCALE 1:5(A1), 1:10(A3)



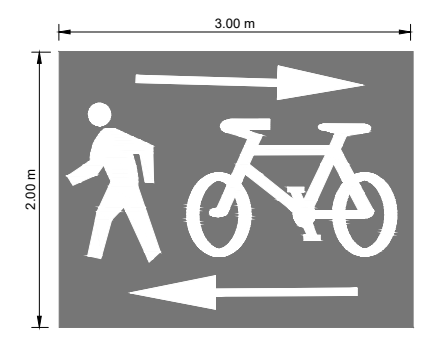
NIB KERB DETAIL
 SCALE 1:5(A1), 1:10(A3)



DISH CHANNEL DETAIL
 SCALE 1:5(A1), 1:10(A3)

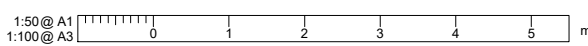
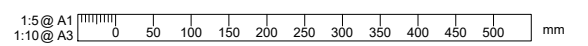


MOUNTABLE KERB AND CHANNEL DETAIL
 SCALE 1:5(A1), 1:10(A3)



BI-DIRECTIONAL SHARED PATH MARKING
 SCALE: NTS

- NOTES:**
- DIMENSIONS ARE INDICATIVE ONLY AND TO BE CONFIRMED ON SITE BY AN ENGINEER.
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 - CONTROL JOINTS ON WIDENED PATH TO ALIGN WITH EXISTING.
 - PATH TO BE CONSTRUCTED WITH CROSSFALL TO DRAIN TO SURROUNDING GROUND SURFACE.



REVISION	AMENDMENT	APPROVED	DATE
A	REVIEW	J.I	2021-01-29
1	CONSTRUCTION	J.I	2021-03-03
2	FOR CONSTRUCTION	J.I	2021-03-10
3	FOR CONSTRUCTION - MINOR AMENDMENTS	J.I	2021-04-09



CIVIL

SCALES	AS SHOWN	ORIGINAL SIZE
AS SHOWN		A1
DRAWN	DESIGNED	APPROVED
S.GAUTAM	P.RUPAKHETI	J.IRELAND
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	J.IRELAND	2021-01-28

FOR CONSTRUCTION

PROJECT
 MARLBOROUGH DISTRICT COUNCIL
 WESTWOOD TO MURPHYS RD, MIDDLE RENWICK
 PROPOSED CYCLE FACILITIES

TITLE
 TYPICAL CROSS SECTION DETAILS

WSP PROJECT NO. (SUB-PROJECT)
 5-G3508.00

SHEET NO.
 C08

REVISION
 3