



QUEENSTOWN
LAKES DISTRICT
COUNCIL

**QUEENSTOWN LAKES DISTRICT COUNCIL
WAKATIPU ACTIVE TRAVEL
WATN STAGE 2 ROUTES - ROUTE C7**

CIVIL

DETAILED DESIGN ISSUED FOR TENDER

Project No: 6-XQ141.00
Date: 22-10-2021



OVERALL LAYOUT PLAN
SCALE 1:5000 (A1), 1:10000 (A3)

300 mm
200
100
50
0 10 mm

DRAWING INDEX	
ROUTE : C7	
SHEET NO	TITLE
C200	OVERALL LAYOUT PLAN AND INDEX SHEET
C201	GENERAL LAYOUT SHEET 1 OF 11
C202	GENERAL LAYOUT SHEET 2 OF 11
C203	GENERAL LAYOUT SHEET 3 OF 11
C204	GENERAL LAYOUT SHEET 4 OF 11
C205	GENERAL LAYOUT SHEET 5 OF 11
C206	GENERAL LAYOUT SHEET 6 OF 11
C207	GENERAL LAYOUT SHEET 7 OF 11
C208	GENERAL LAYOUT SHEET 8 OF 11
C209	GENERAL LAYOUT SHEET 9 OF 11
C210	GENERAL LAYOUT SHEET 10 OF 11
C211	GENERAL LAYOUT SHEET 11 OF 11
C212	DETAILED LAYOUT SHEET 1 OF 04
C213	DETAILED LAYOUT SHEET 2 OF 04
C214	DETAILED LAYOUT SHEET 3 OF 04
C215	DETAILED LAYOUT SHEET 4 OF 04
C270-C279	DRAINAGE AND CONSTRUCTION DETAILS
C400-C411	EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES
C412-C414	DETAILED SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES

1:5000 @ A1
1:10000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



wsp
Queenstown Office
+64 3 4510360
PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:5000 @ A1		A1
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7 OVERALL LAYOUT PLAN AND INDEX SHEET			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C200	C

LEGEND

EXISTING

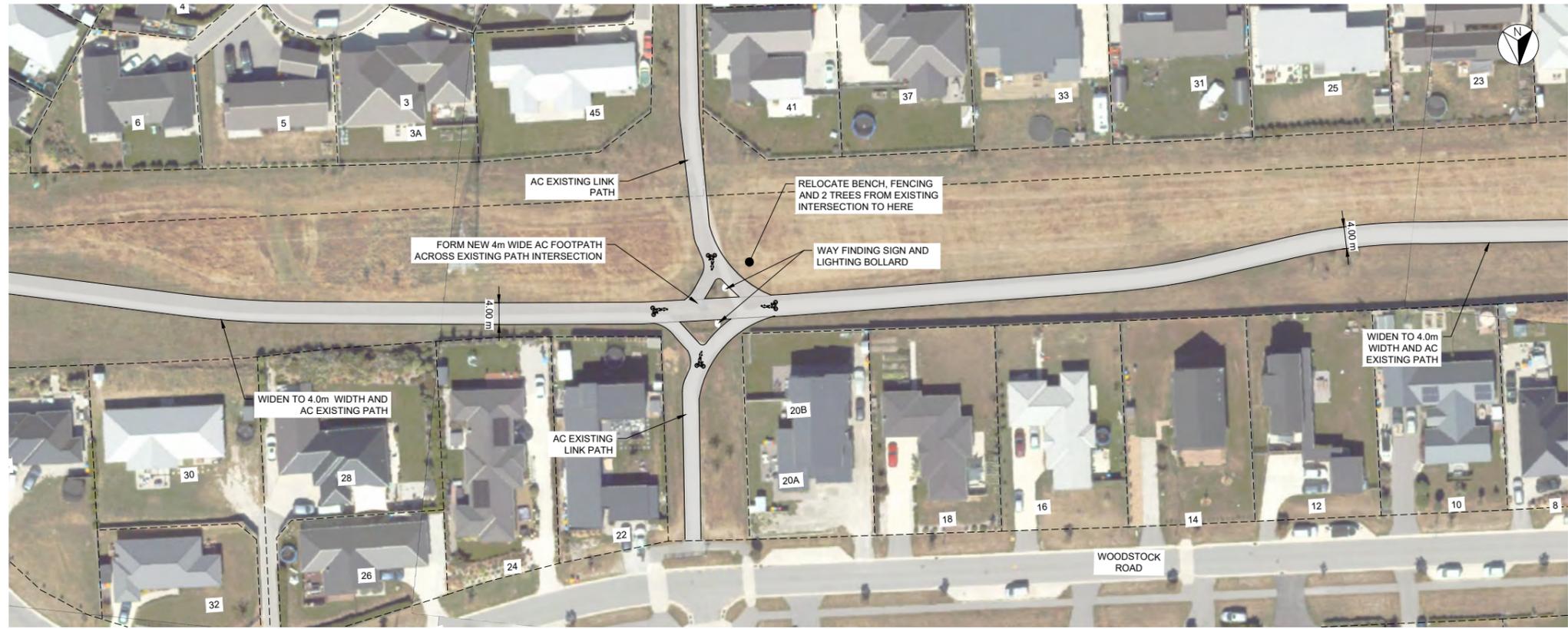
- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

PROPOSED

- RETAINING WALL
- KERB AND CHANNEL
- PRAMCROSSING
- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
- FOOTPATH - AC
- BI-DIRECTIONAL CYCLE LANE
- VEHICLE CROSSING - CONCRETE
- GRASSED BERM
- LANDSCAPE AREA
- CUT BATTER
- FILL BATTER
- WARNING TACTILES

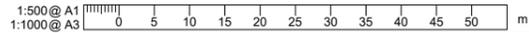
SIGNS

- PW-30
- PW-39
- RG-17
- AU-13
- RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
- RG-6 & RP-19.3 SIGN
- PW-65 (BLACK AND WHITE POLE WITH BELISHA DISC)



GENERAL LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)

- NOTES:**
- PLANS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS.
 - CONTRACTOR SHALL CONFIRM DIMENSION AND SET-OUT PRIOR TO ORDERING MATERIAL OR CONSTRUCTION.
 - DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM DRAWINGS.
 - ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE CONSTRUCTED AS PER MOTSAM AND TRAFFIC CONTROL DEVICES MANUAL.
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CIVIL

SCALES	DESIGNED	APPROVED
1:500 @ A1	L.JADVANI	R.GILL

FOR TENDER

PROJECT		SHEET NO.	
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		C202	
TITLE		REVISION	
ROUTE C7 GENERAL LAYOUT SHEET 2 OF 11		C	
WSP PROJECT NO. 6-XQ141.00	PROJ-ORIG-VOL-LOC-TYPE 6-XQ141-WSP-01-C7-DR		

300 mm
200
100
50
0 10 mm

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

PROPOSED

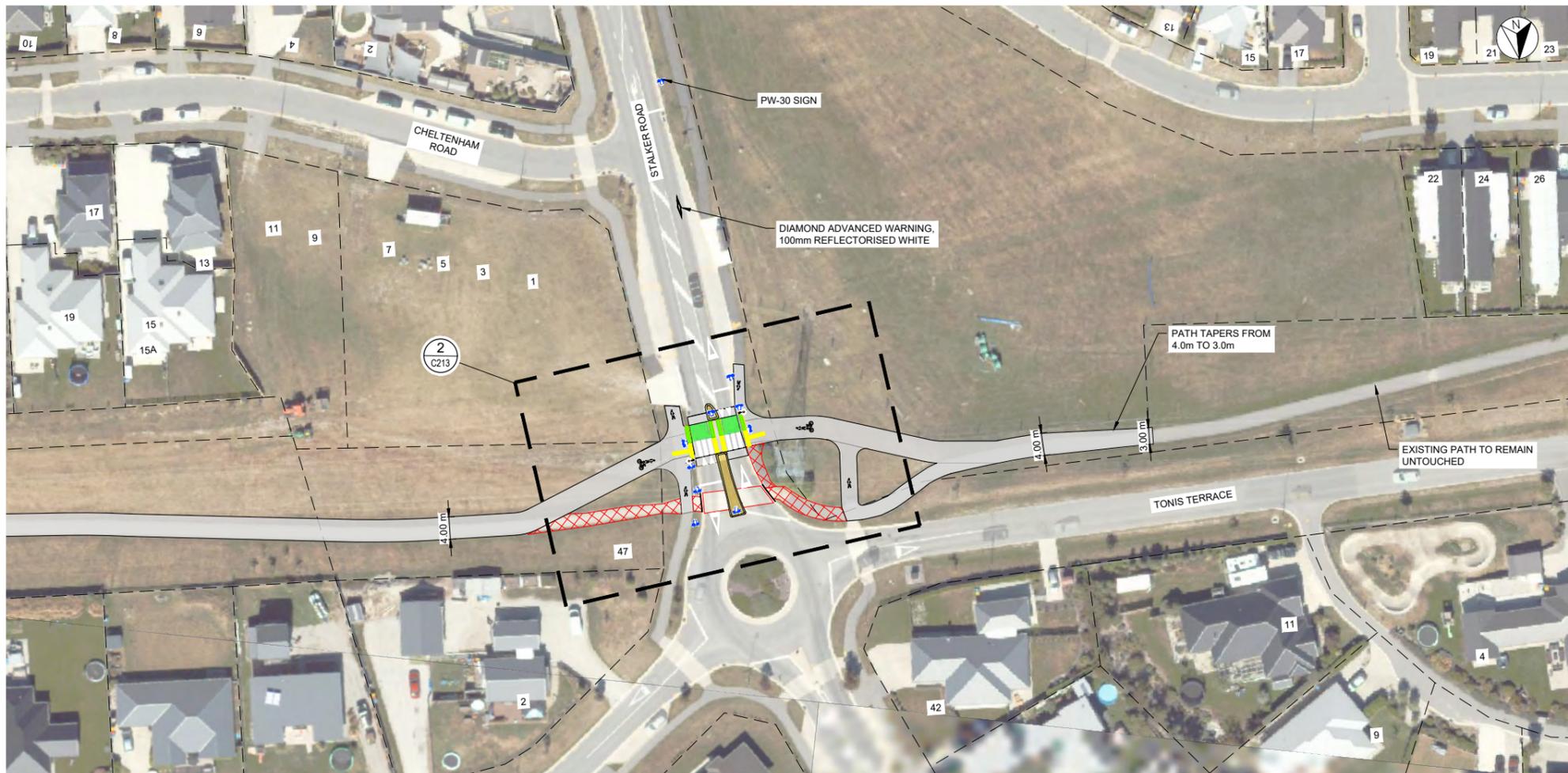
- RETAINING WALL
- KERB AND CHANNEL
- PRAMCROSSING
- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
- FOOTPATH - AC
- BI-DIRECTIONAL CYCLE LANE
- VEHICLE CROSSING - CONCRETE
- GRASSED BERM
- LANDSCAPE AREA
- CUT BATTER
- FILL BATTER
- WARNING TACTILES

SIGNS

- PW-30
- PW-39
- RG-17
- AU-13
- RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
- RG-6 & RP-19.3 SIGN
- PW-65 (BLACK AND WHITE POLE WITH BELISHA DISC)

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GENERAL LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)

1:500 @ A1
1:1000 @ A3

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CIVIL

SCALES	DESIGNED	APPROVED
1:500 @ A1	L.JADVANI	R.GILL
ORIGINAL SIZE A1	S.SHERLAW	APPROVED DATE
		2021.10.22

FOR TENDER

PROJECT		SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		C203	C
TITLE			
ROUTE C7 GENERAL LAYOUT SHEET 3 OF 11			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE		
6-QX141.00	6-QX141-WSP-01-C7-DR		

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

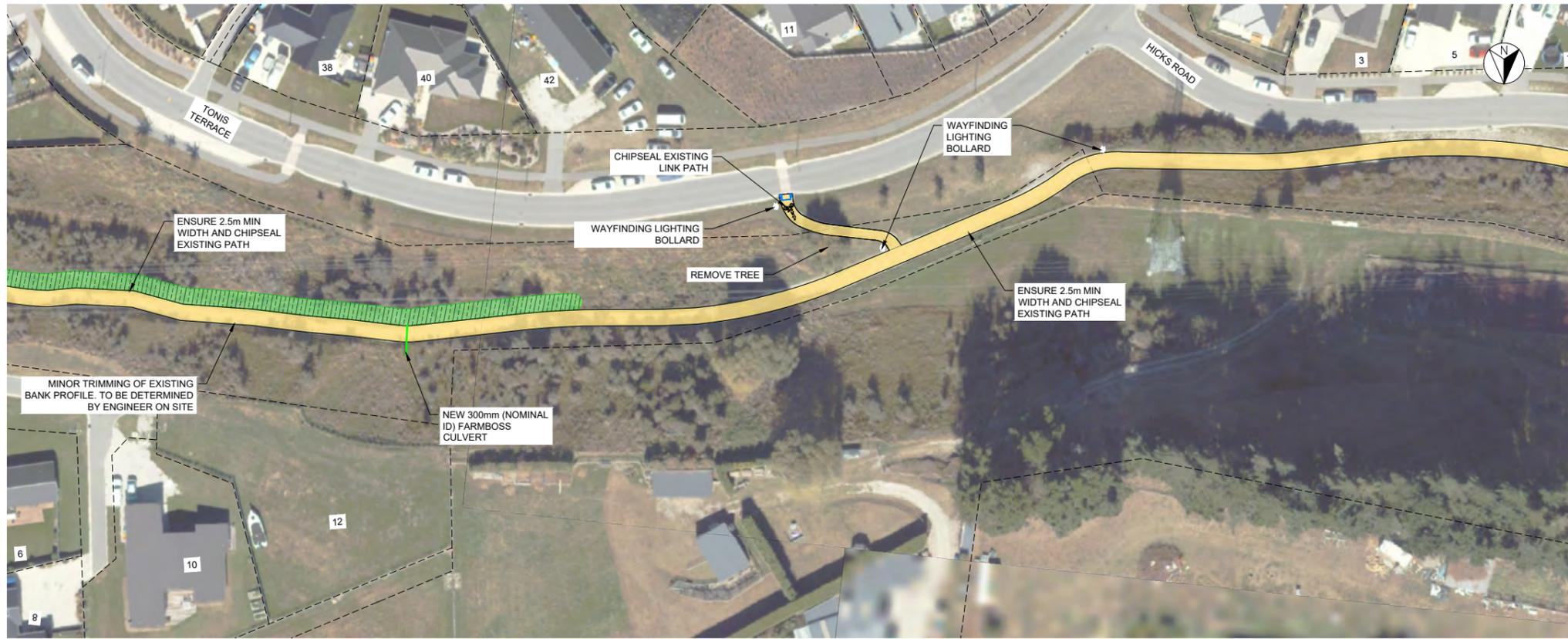
PROPOSED

- RETAINING WALL
- KERB AND CHANNEL
- PRAMCROSSING
- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
- FOOTPATH - AC
- BI-DIRECTIONAL CYCLE LANE
- VEHICLE CROSSING - CONCRETE
- GRASSED BERM
- LANDSCAPE AREA
- CUT BATTER
- FILL BATTER
- WARNING TACTILES

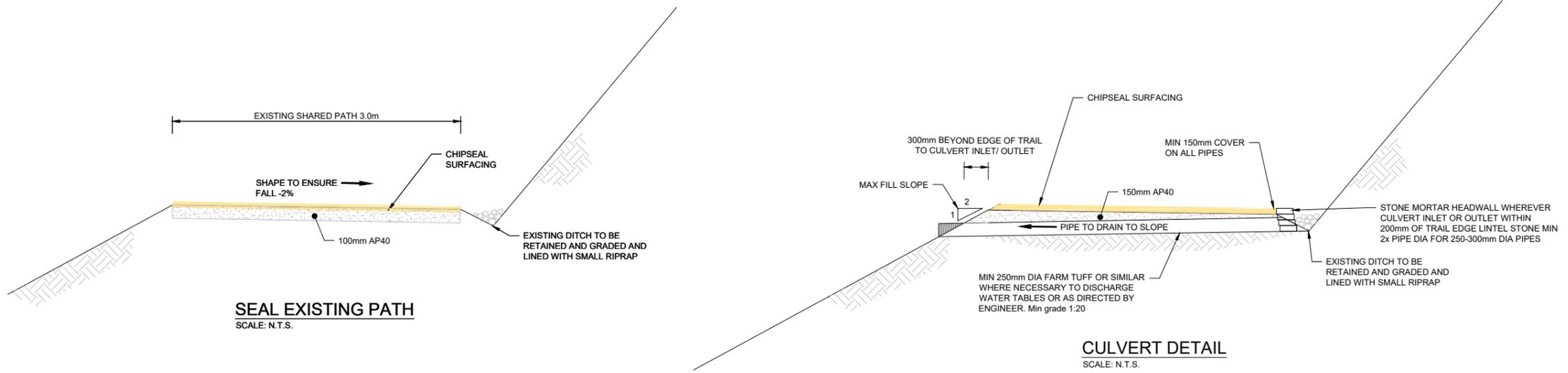
SIGNS

- PW-30
- PW-39
- RG-17
- AU-13
- RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
- RG-6 & RP-19.3 SIGN
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GENERAL LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)



SEAL EXISTING PATH
SCALE: N.T.S.

CULVERT DETAIL
SCALE: N.T.S.

1:500 @ A1
1:1000 @ A3

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C	FOR TENDER	R.GILL	2021.10.22



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CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
1:500 @ A1	L.JADVANI	R.GILL	A1
DRAWN	DESIGNED	APPROVED	
L.JADVANI	L.JADVANI	R.GILL	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.FORBES	S.SHERLAW	2021.10.22	

FOR TENDER

PROJECT	TITLE	WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7	ROUTE C7 GENERAL LAYOUT SHEET 5 OF 11	6-XQ141.00	6-XQ141-WSP-01-C7-DR	C205	C

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

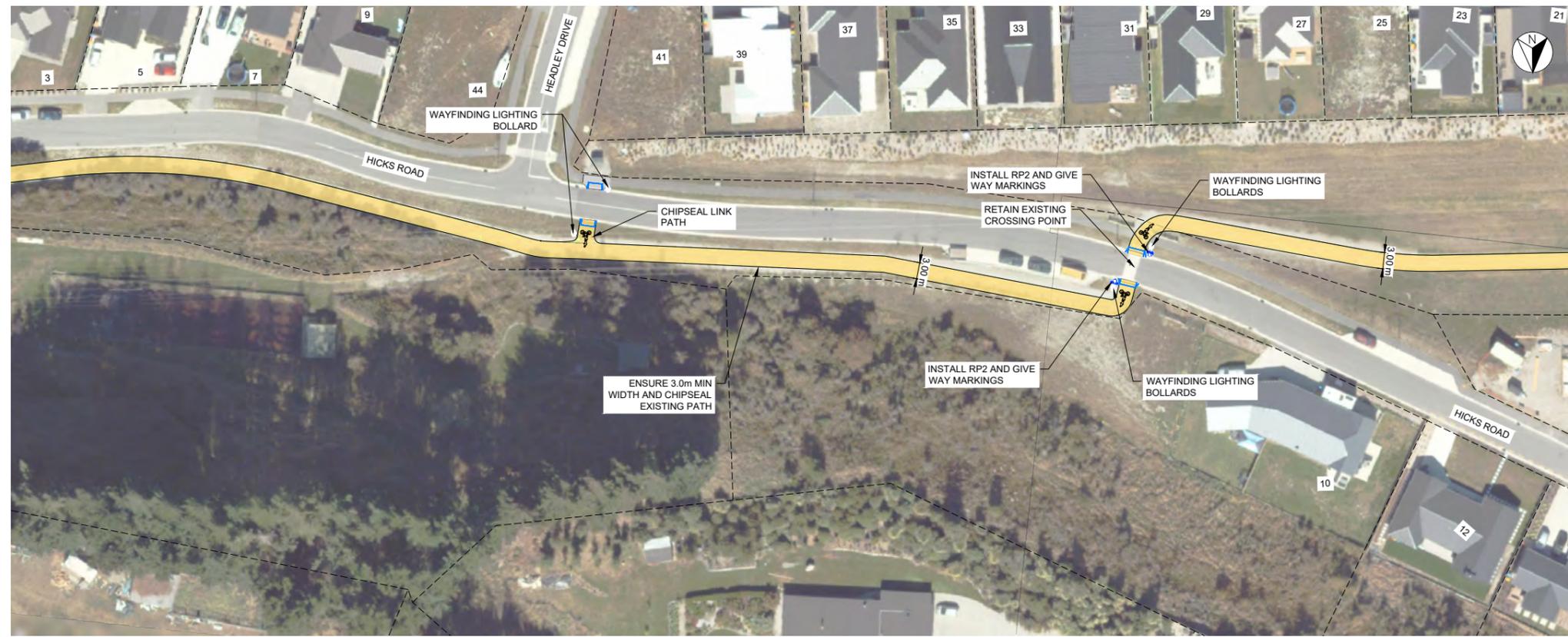
PROPOSED

- RETAINING WALL
- KERB AND CHANNEL
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- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
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- FILL BATTER
- WARNING TACTILES

SIGNS

- PW-30
- PW-39
- RG-17
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- RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
- RG-6 & RP-19.3 SIGN
- PW-65 (BLACK AND WHITE POLE WITH BELISHA DISC)

300 mm
200
100
50
0 10 mm



GENERAL LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)

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1:500 @ A1
1:1000 @ A3

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New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:500 @ A1		A1
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		
QUEENSTOWN LAKES DISTRICT COUNCIL		
WAKATIPU ACTIVE TRAVEL		
WATN STAGE 2 ROUTES - ROUTE C7		
TITLE		
ROUTE C7		
GENERAL LAYOUT SHEET 6 OF 11		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C206
		REVISION
		C

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

PROPOSED

- RETAINING WALL
- KERB AND CHANNEL
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- DISH CHANNEL
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- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
- FOOTPATH - AC
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- VEHICLE CROSSING - CONCRETE
- GRASSED BERM
- LANDSCAPE AREA
- CUT BATTER
- FILL BATTER
- WARNING TACTILES

SIGNS

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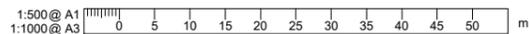


GENERAL LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

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+64 3 4510360
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New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:500 @ A1		A1
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		
TITLE		
ROUTE C7 GENERAL LAYOUT SHEET 7 OF 11		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C207
		REVISION
		C

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

PROPOSED

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- VEHICLE CROSSING - CONCRETE
- GRASSED BERM
- LANDSCAPE AREA
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- WARNING TACTILES

SIGNS

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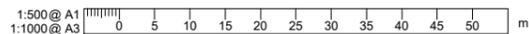


GENERAL LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

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1:500 @ A1		A1
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L.JADVANI	L.JADVANI	R.GILL
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S.FORBES	S.SHERLAW	2021.10.22

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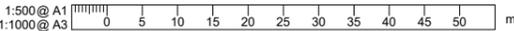
PROJECT		
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		
TITLE		
ROUTE C7 GENERAL LAYOUT SHEET 9 OF 11		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C209
		REVISION
		C

LEGEND	
EXISTING	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	FENCE
	GUARDRAIL
	TOP OF BANK
	BOTTOM OF BANK
	BRIDGE
PROPOSED	
	RETAINING WALL
	KERB AND CHANNEL
	PRAMCROSSING
	DISH CHANNEL
	SHARED PATH - AC
	SHARED PATH - GRAVEL
	SHARED PATH - CHIP SEAL
	FOOTPATH - AC
	BI-DIRECTIONAL CYCLE LANE
	VEHICLE CROSSING - CONCRETE
	GRASSED BERM
	LANDSCAPE AREA
	CUT BATTER
	FILL BATTER
	WARNING TACTILES
SIGNS	
	PW-30
	PW-39
	RG-17
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	RG-26C (SHARED PEDESTRIAN AND CYCE PATH)
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GENERAL LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)



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CIVIL

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DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		SHEET NO.		REVISION	
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		C210		C	
TITLE		SHEET NO.		REVISION	
ROUTE C7 GENERAL LAYOUT SHEET 10 OF 11		C210		C	
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION		
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C210	C		

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
- BOTTOM OF BANK
- BRIDGE

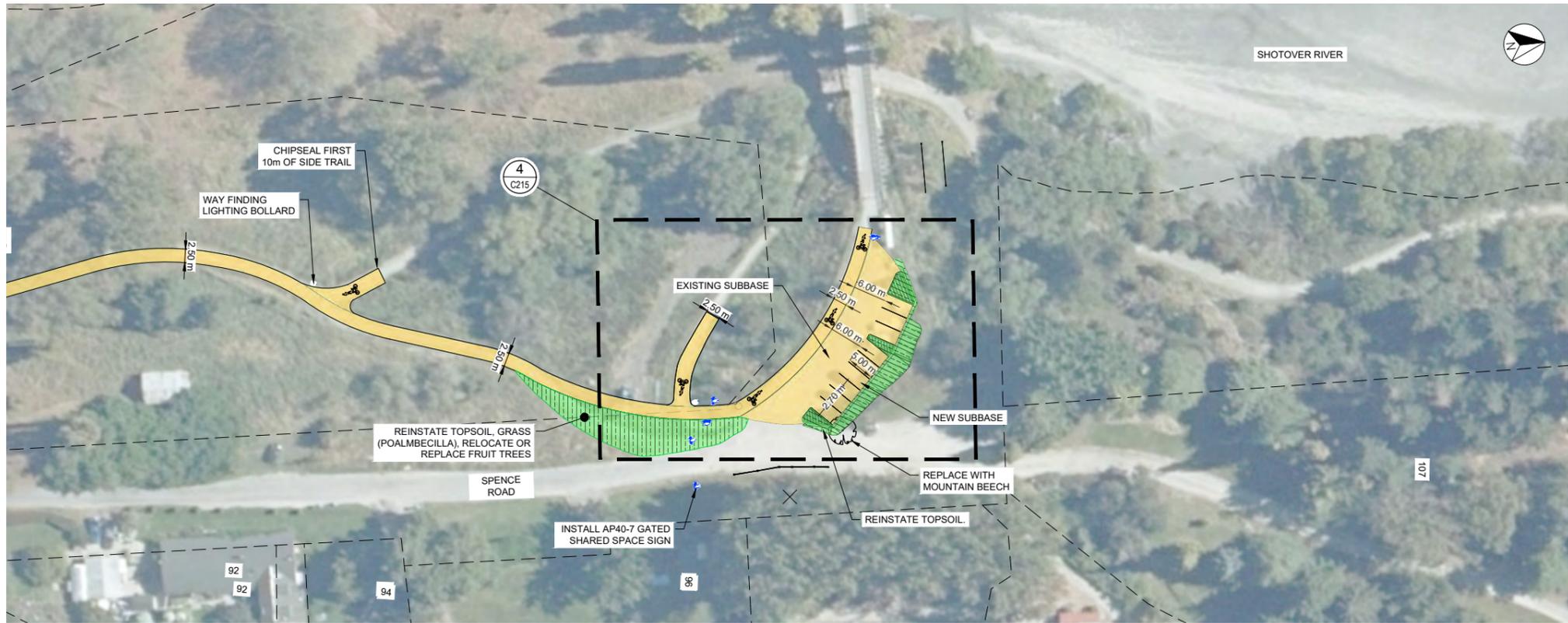
PROPOSED

- RETAINING WALL
- KERB AND CHANNEL
- PRAMCROSSING
- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
- FOOTPATH - AC
- BI-DIRECTIONAL CYCLE LANE
- VEHICLE CROSSING - CONCRETE
- GRASSED BERM
- LANDSCAPE AREA
- CUT BATTER
- FILL BATTER
- WARNING TACTILES

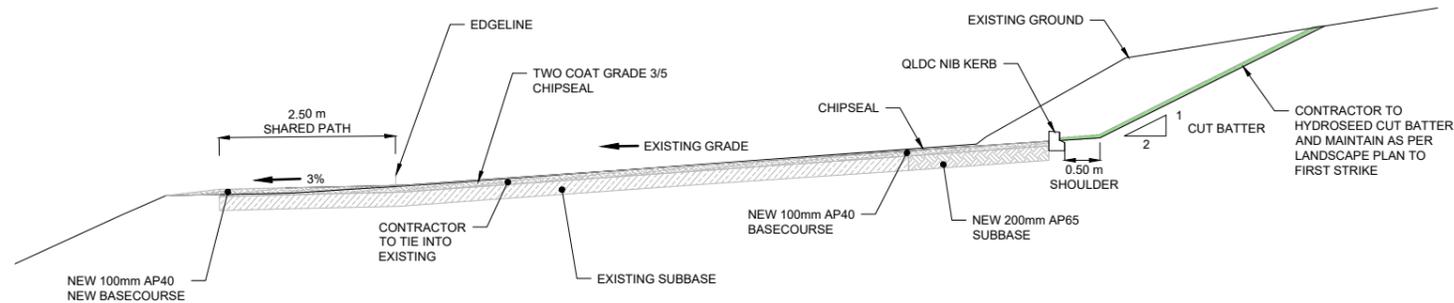
SIGNS

- PW-30
- PW-39
- RG-17
- AU-13
- RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
- RG-6 & RP-19.3 SIGN
- PW-65 (BLACK AND WHITE POLE WITH BELISHA DISC)

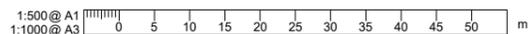
- NOTES:
- PLANS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS.
 - CONTRACTOR SHALL CONFIRM DIMENSION AND SET-OUT PRIOR TO ORDERING MATERIAL OR CONSTRUCTION.
 - DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM DRAWINGS.
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GENERAL LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)



CAR PARK EXTENSION DETAIL
SCALE: 1:50



REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



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PO Box 2323
Queenstown 9300
New Zealand

CIVIL

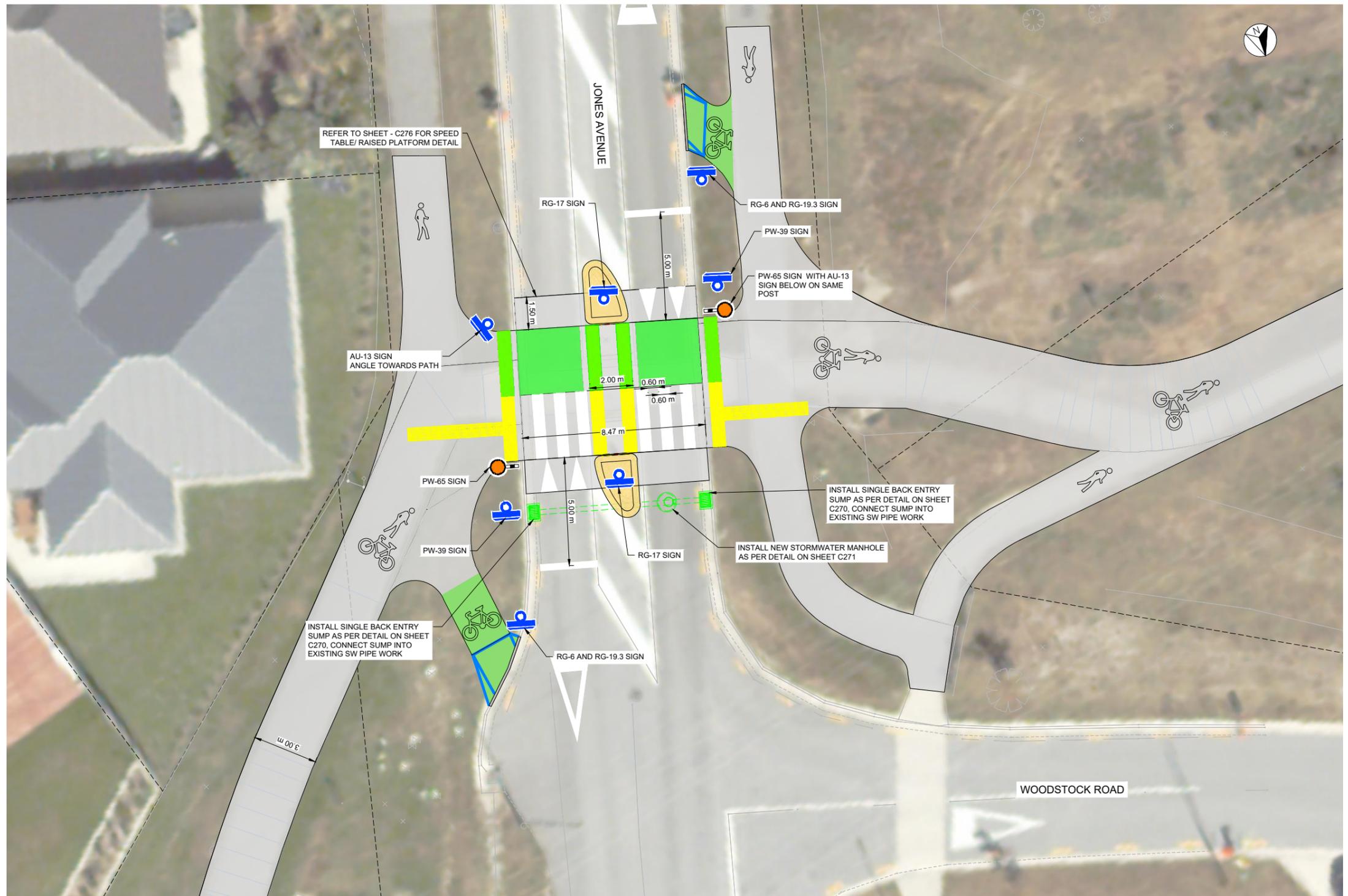
SCALES	DESIGNED	APPROVED
1:500 @ A1	L.JADVANI	R.GILL
ORIGINAL SIZE	L.JADVANI	R.GILL
DRAWN	L.JADVANI	R.GILL
DRAWING VERIFIED	S.SHERLAW	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		SHEET NO.	
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		C211	
TITLE		REVISION	
ROUTE C7 GENERAL LAYOUT SHEET 11 OF 11		C	
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C211	C

LEGEND	
EXISTING	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	FENCE
	GUARDRAIL
	TOP OF BANK
	BOTTOM OF BANK
	BRIDGE
PROPOSED	
	RETAINING WALL
	KERB AND CHANNEL
	PRAMCROSSING
	DISH CHANNEL
	SHARED PATH - AC
	SHARED PATH - GRAVEL
	SHARED PATH - CHIP SEAL
	FOOTPATH - AC
	BI-DIRECTIONAL CYCLE LANE
	VEHICLE CROSSING - CONCRETE
	GRASSED BERM
	LANDSCAPE AREA
	CUT BATTER
	FILL BATTER
	WARNING TACTILES
SIGNS	
	PW-30
	PW-39
	RG-17
	AU-13
	RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
	RG-6 & RP-19.3 SIGN
	PW-65 (BLACK AND WHITE POLE WITH BELISHA DISC)

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C	FOR TENDER	R.GILL	2021.10.22



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PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:100 @A1		A1
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		C212	C
TITLE			
ROUTE C7 DETAILED LAYOUT SHEET 1 OF 04			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE		
6-XQ141.00	6-XQ141-WSP-01-C7-DR		

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
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- BRIDGE

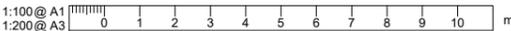
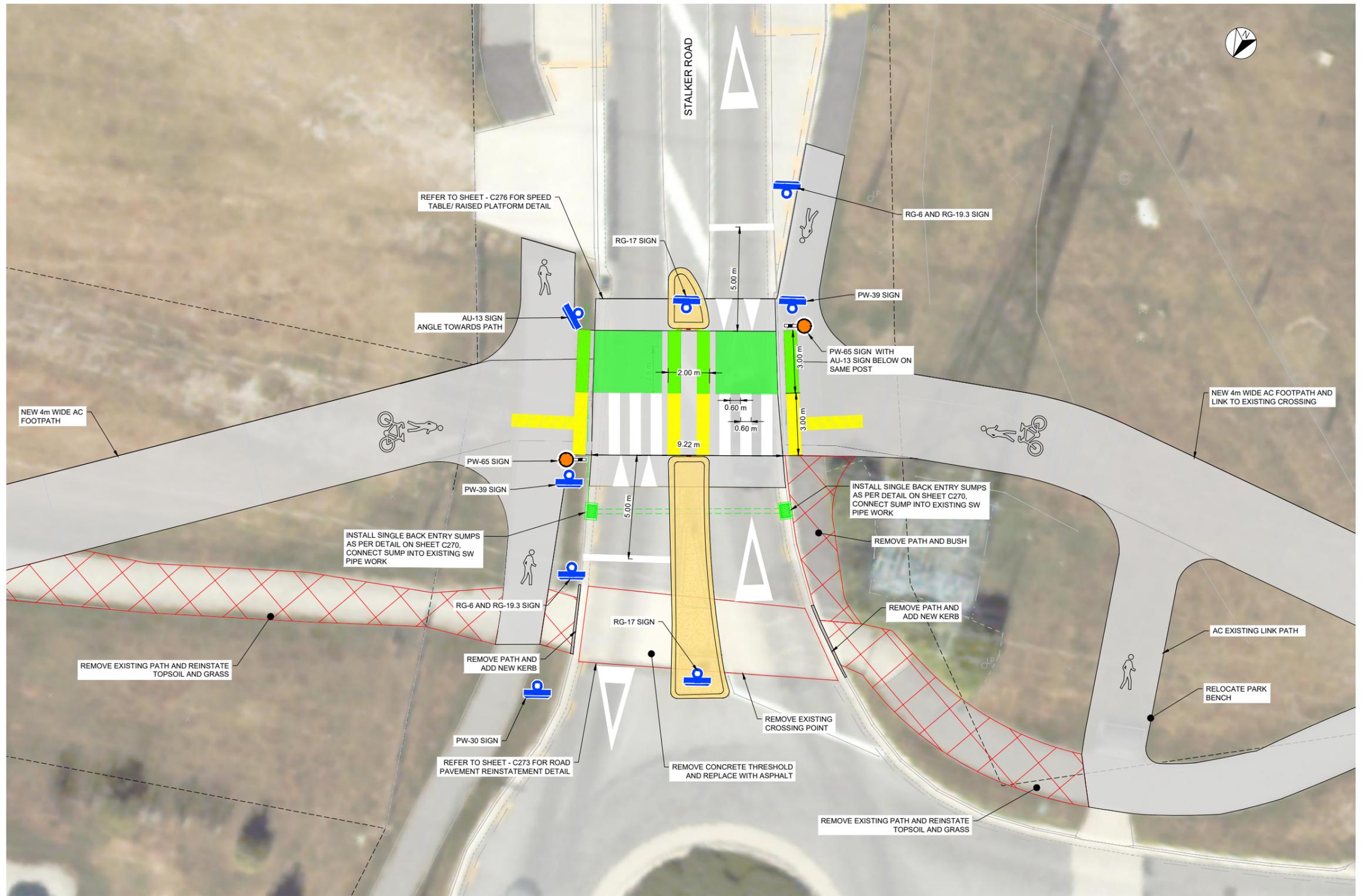
PROPOSED

- RETAINING WALL
- KERB AND CHANNEL
- PRAMCROSSING
- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
- SHARED PATH - CHIP SEAL
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- VEHICLE CROSSING - CONCRETE
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SIGNS

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 Queenstown Office
 +64 3 4510360
 PO Box 2323
 Queenstown 9300
 New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:100 @ A1		A1
DESIGNED	APPROVED	
L.JADVANI	R.GILL	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7		C213	C
TITLE			
ROUTE C7 DETAILED LAYOUT SHEET 2 OF 04			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE		
6-QX141.00	6-QX141-WSP-01-C7-DR		

LEGEND

EXISTING

- LEGAL BOUNDARY
- KERB & CHANNEL
- EDGE OF SEAL
- FENCE
- GUARDRAIL
- TOP OF BANK
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- BRIDGE

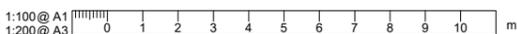
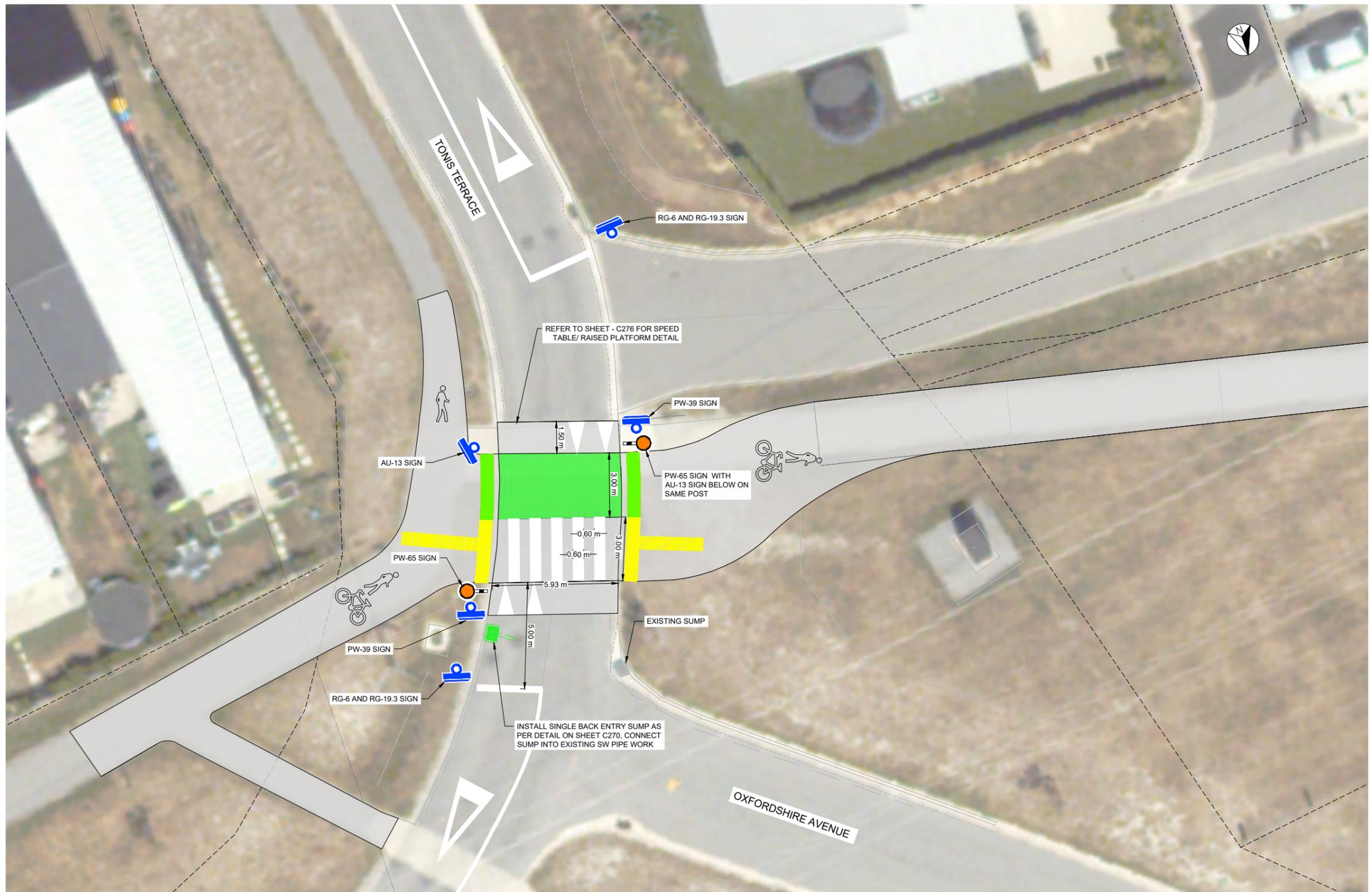
PROPOSED

- RETAINING WALL
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- DISH CHANNEL
- SHARED PATH - AC
- SHARED PATH - GRAVEL
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C	FOR TENDER	R.GILL	2021.10.22



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 +64 3 4510360
 PO Box 2323
 Queenstown 9300
 New Zealand

CIVIL

SCALES	DESIGNED	APPROVED
1:100 @A1	L.JADVANI	R.GILL
1:200 @A3	L.JADVANI	R.GILL

FOR TENDER

PROJECT
 QUEENSTOWN LAKES DISTRICT COUNCIL
 WAKATIPU ACTIVE TRAVEL
 WATN STAGE 2 ROUTES - ROUTE C7

TITLE
 ROUTE C7
 DETAILED LAYOUT SHEET 3 OF 04

WSP PROJECT NO. 6-XQ141.00	PROJ-ORIG-VOL-LOC-TYPE 6-XQ141-WSP-01-C7-DR	SHEET NO. C214	REVISION C
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LEGEND	
EXISTING	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	FENCE
	GUARDRAIL
	TOP OF BANK
	BOTTOM OF BANK
	BRIDGE
PROPOSED	
	RETAINING WALL
	KERB AND CHANNEL
	PRAMCROSSING
	DISH CHANNEL
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1:100 @ A1
1:200 @ A3

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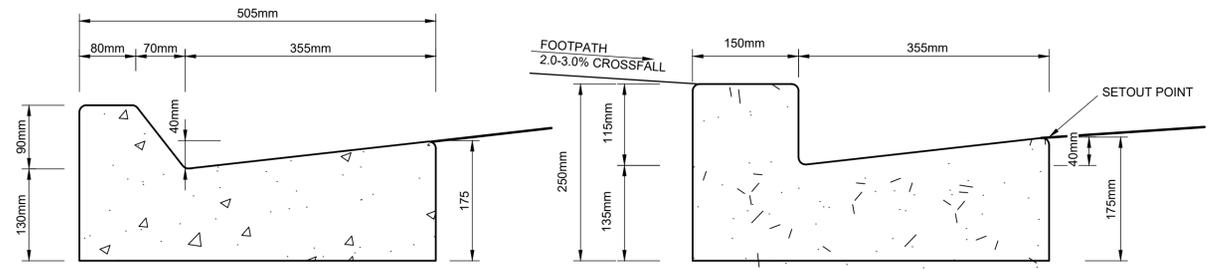
CIVIL

SCALES		ORIGINAL SIZE
1:100 @ A1		A1
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

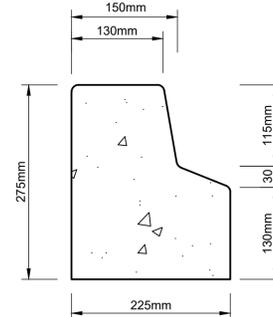
PROJECT		
QUEENSTOWN LAKES DISTRICT COUNCIL		
WAKATIPU ACTIVE TRAVEL		
WATN STAGE 2 ROUTES - ROUTE C7		
TITLE		
ROUTE C7		
DETAILED LAYOUT SHEET 4 OF 04		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
6-QX141.00	6-QX141-WSP-01-C7-DR	C215
		REVISION
		C

300 mm
200
100
50
0 10 mm

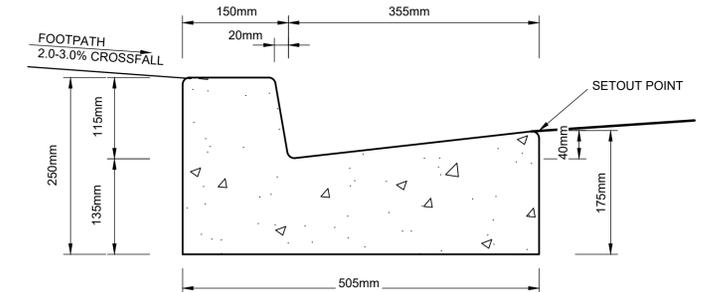


No. 8. - MOUNTABLE KERB AND CHANNEL

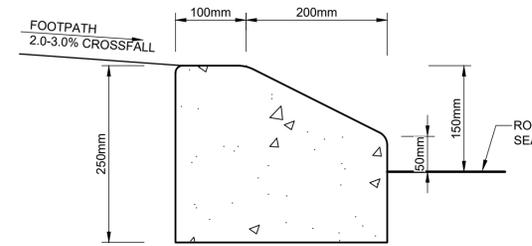
No.1 KERB AND CHANNEL



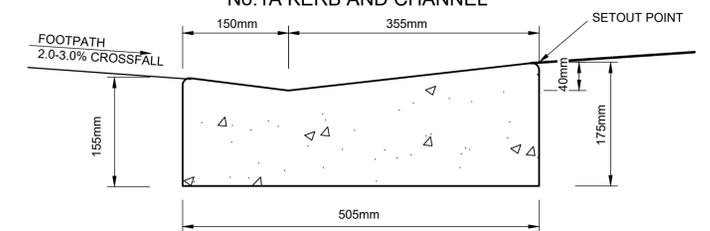
No. 3. - NIB KERB



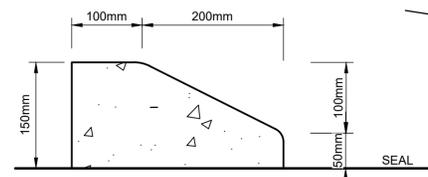
No.1A KERB AND CHANNEL



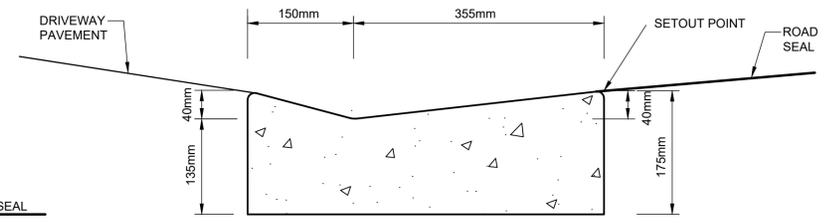
No. 5. - MOUNTABLE KERB



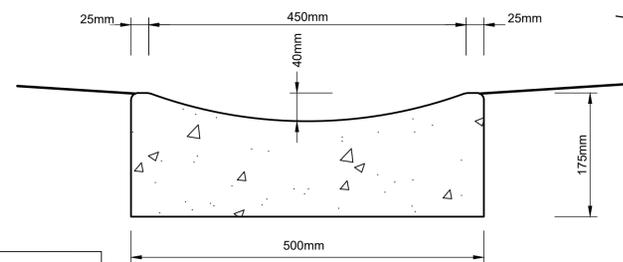
No. 1B - CUT DOWN PEDESTRIAN RAMP KERB



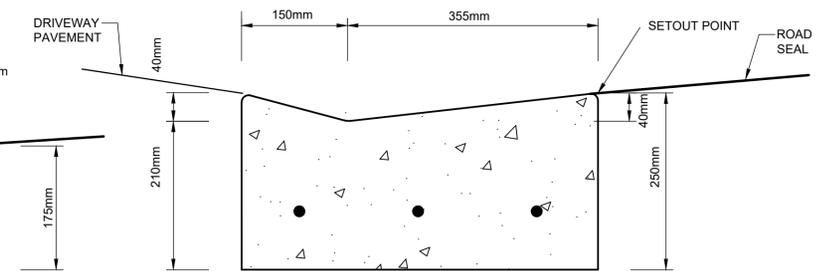
No. 5B. - MOUNTABLE KERB



No. 2. - VEHICLE CROSSING - RESIDENTIAL



No. 16. - DISH CHANNEL



No. 2A. - COMMERCIAL VEHICLE CROSSING

- KERBING NOTES:**
1. CONCRETE KERB GRADES:
 - IN-SITU KERB 20MPa
 - PRECAST BLOCKS 20 MPa
 - EXTRUDED KERB (SLIP FORM) 25 MPa
 2. KERB AND CHANNEL TO HAVE 200mm MINIMUM DEPTH OF COMPACTED AP40 BASECOURSE OR GAP 65 SUBBASE UNDER KERB
 3. ALL RADII TO BE 10mm MIN.
 4. DIMENSIONS ARE IN MILLIMETRES.

KERBING DETAILS
Scale: 1:5 (A1)

REVISION	AMENDMENT	APPROVED	DATE
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C	FOR TENDER	R.GILL	2021.10.22



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Queenstown 9300
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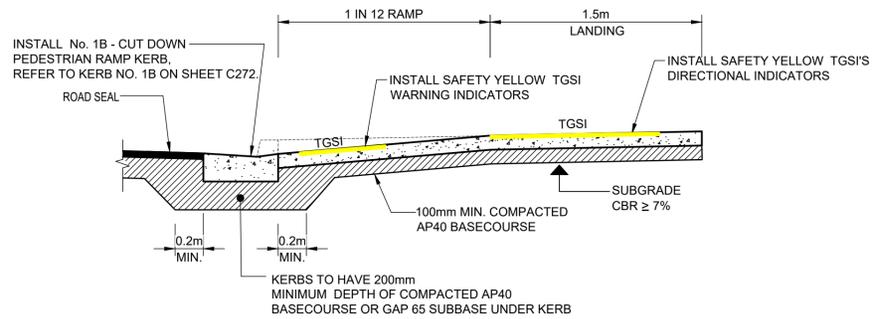
CIVIL

SCALES		ORIGINAL SIZE
1:5 @ A1, 1:10 @ A3		A1
DRAWN	DESIGNED	APPROVED
B. MULHOLLAND	B. MULHOLLAND	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

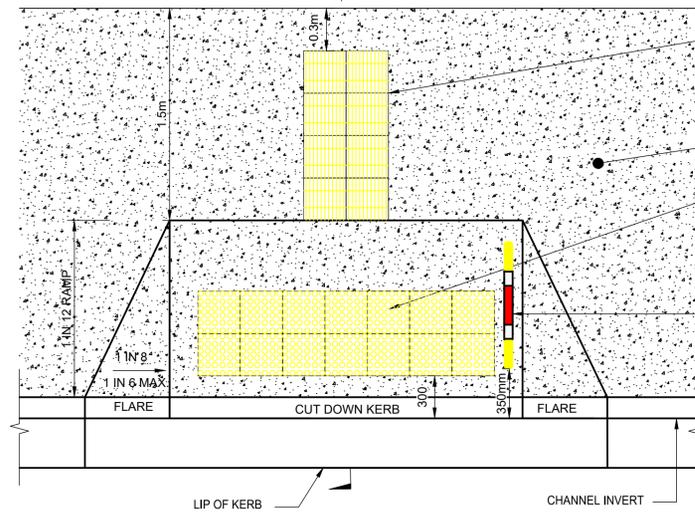
FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL QUEENSTOWN, LAKES DISTRICT WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2			
TITLE			
CONSTRUCTION DETAILS			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C272	C

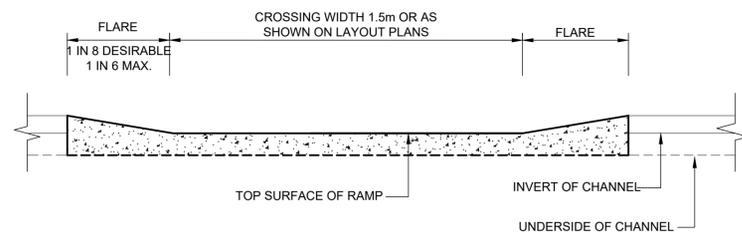
300 mm
200
100
50
0 10 mm



SECTION A-A



RAMP PLAN



FRONT KERB RAMP ELEVATION

PEDESTRIAN / PRAM RAMP DETAIL

Scale: 1:25 (A1)

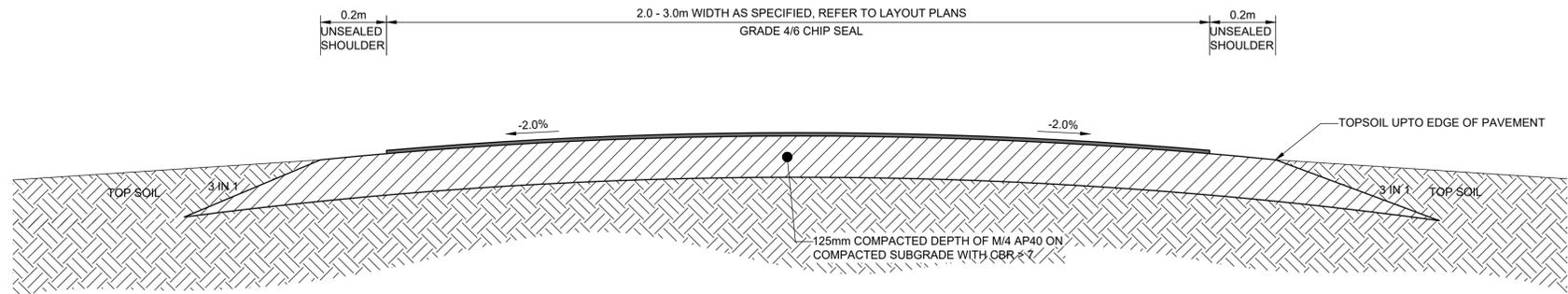
INSTALL 600mm WIDE DIRECTIONAL TACTILE GROUND SURFACE INDICATORS (TGSIs) WHERE SHOWN, TGSIs TO BE SAFETY YELLOW IN COLOUR.

100mm THICK 20 MPA CONCRETE OR 30mm THICK DG7
INSTALL WARNING TACTILE GROUND SURFACE INDICATORS (TGSIs) WHERE SHOWN, TGSIs TO BE SAFETY YELLOW IN COLOUR, WIDTH TO SUIT CROSSING WIDTH X 0.6m MIN. DEEP.

INSTALL 0.9m WIDE RESTING RAIL, REFER TO RESTING RAIL DETAIL.

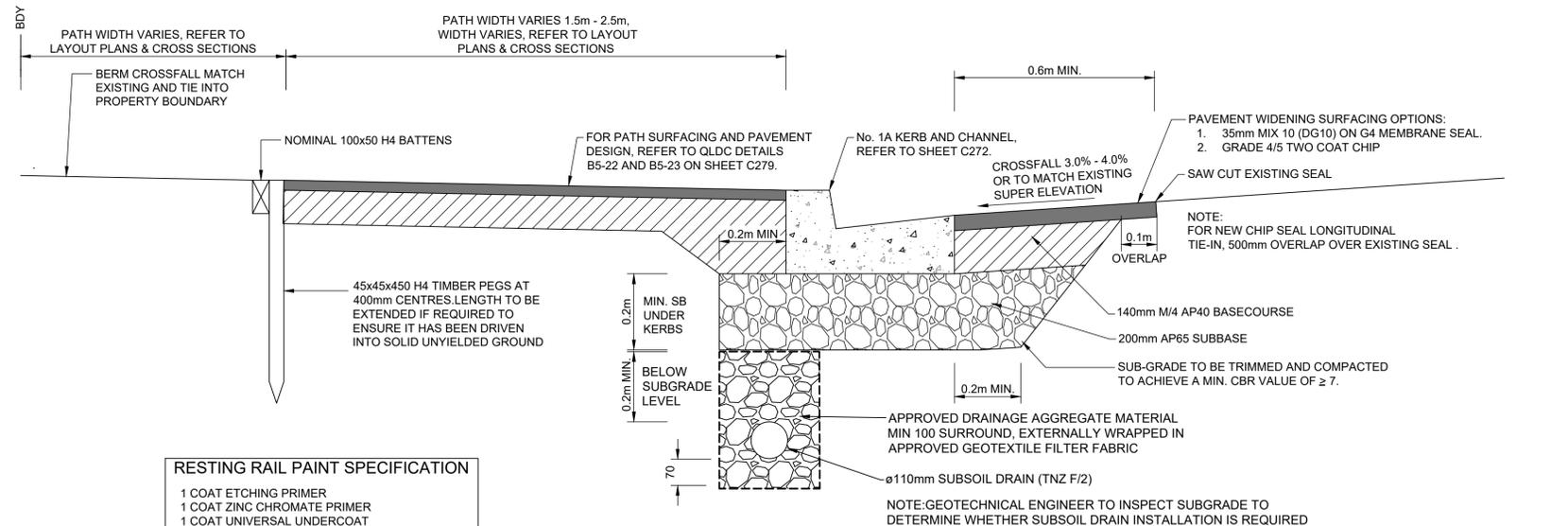
TGSIs NOTES:

- ALL TACTILE PAVES SHALL HAVE AS/NZS 4586:2004 CLASS V SLIP RESISTANCE.
- TACTILE PAVES SHALL BE EITHER SAFETY YELLOW UV STABILISED THERMOPLASTIC POLYURETHANE STUDS, OR 316 MARINE GRADE STAINLESS STEEL STUDS, OR SAFETY YELLOW CERAMIC TILES OR TACTILE TILES AS SPECIFIED IN THE COUNCILS APPROVED MATERIALS LIST.
- WHERE TACTILE TILES ARE USED, AN APPROPRIATE ADHESIVE SHALL BE USED AND AGREED TO BY COUNCIL.



TYPICAL CHIP SEAL SHARED PATH DETAIL

Scale: 1:10

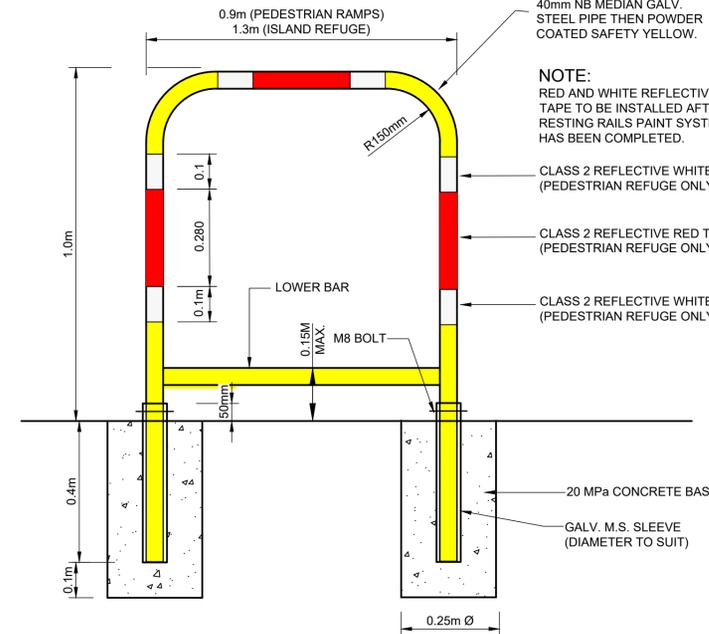


KERB AND CHANNEL WITH AC FOOTPATH

Scale: 1:10

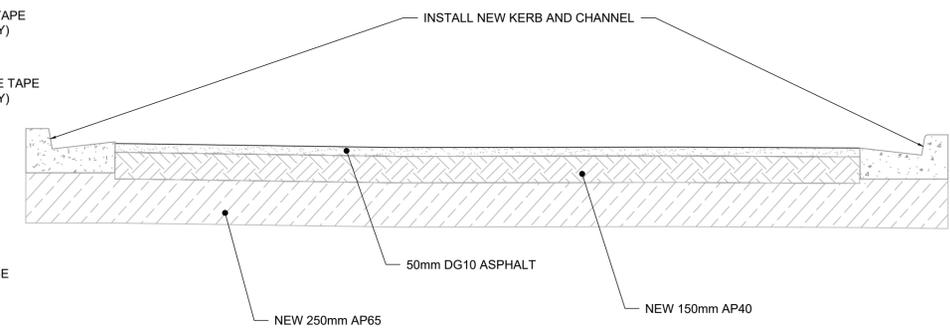
RESTING RAIL PAINT SPECIFICATION

- 1 COAT ETCHING PRIMER
- 1 COAT ZINC CHROMATE PRIMER
- 1 COAT UNIVERSAL UNDERCOAT
- 2 COATS GLOSS ENAMEL (SAFETY YELLOW)



PEDESTRIAN / CYCLE RESTING RAIL DETAIL

Scale: 1:10 (A1)



ROAD PAVEMENT REINSTATEMENT DETAIL

SCALE: 1:20

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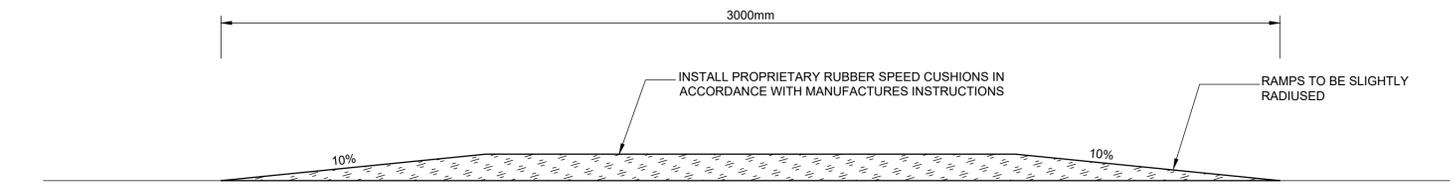
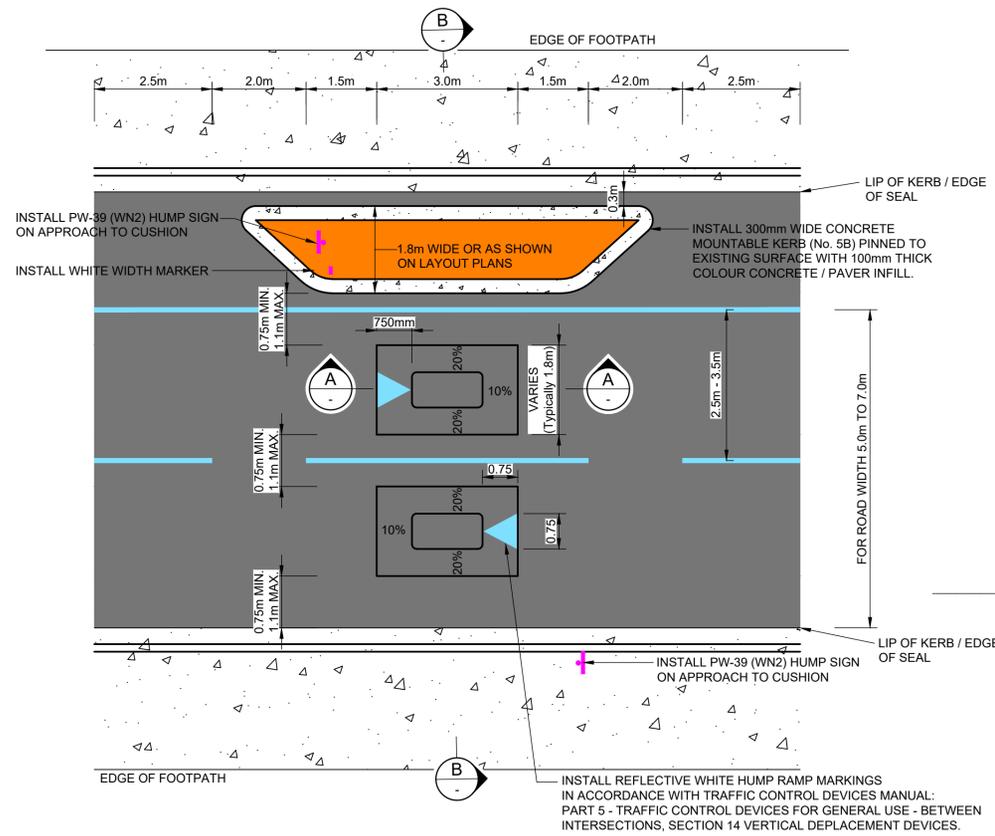
WSP
Queenstown Office
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PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:5 & 1:25 @ A1		A1
DRAWN	DESIGNED	APPROVED
B. MULHOLLAND	B. MULHOLLAND	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

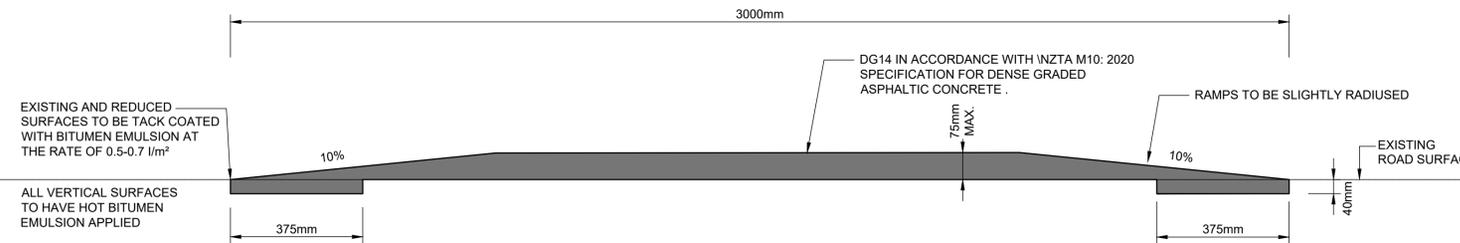
FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL QUEENSTOWN, LAKES DISTRICT WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2			
TITLE			
CONSTRUCTION DETAILS			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C273	C



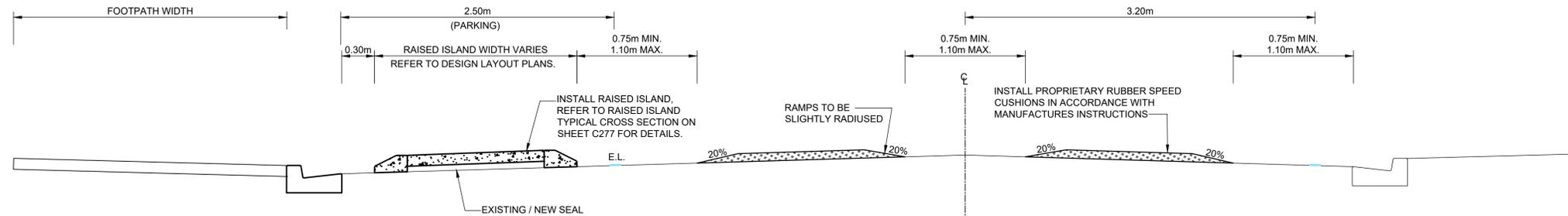
(PROPRIETARY RUBBER SPEED CUSHIONS)

CROSS SECTION A-A
Scale: 1:25 (A1)



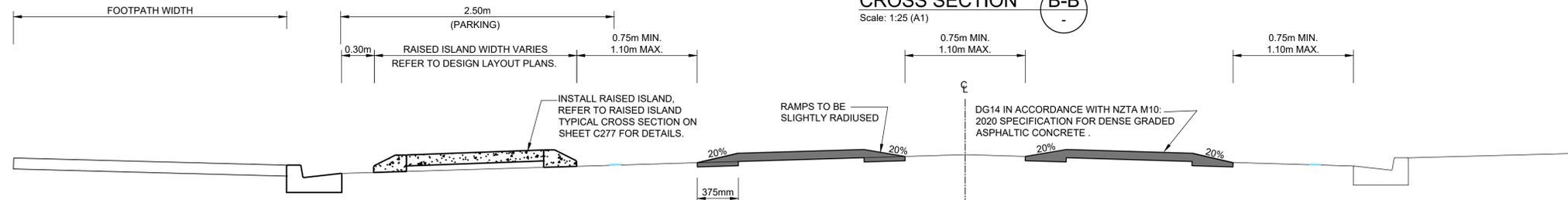
(ASPHALTIC CONCRETE CUSHIONS)

CROSS SECTION A-A
Scale: 1:25 (A1)



(PROPRIETARY RUBBER SPEED CUSHIONS)

CROSS SECTION B-B
Scale: 1:25 (A1)



(ASPHALTIC CONCRETE CUSHIONS)

CROSS SECTION B-B
Scale: 1:25 (A1)

- NOTES:**
1. THESE DETAILS APPLIES TO CUSHIONS IN ROADS OF WIDTH 6.0m TO 7.0m UNLESS OTHERWISE STATED BY THE ENGINEER.
 2. MAXIMUM HEIGHT OF CUSHIONS TO BE 75mm ABOVE EXISTING ROAD SURFACE WITHIN TOLERANCE OF +/- 5mm
 3. LATERAL GAPS BETWEEN CUSHIONS AND KERBS TO BE AGREED WITH QLDC.
 4. CROSS SECTIONAL PROFILE B-B OF SPEED CUSHION TO BE SAME AS EXISTING PROFILE OF ROAD.
 5. ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH MANUAL OF TRAFFIC SIGNS AND MARKINGS AND TCD MANUAL UPDATES TO MOTSAM

REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN ISSUED FOR SAFETY AUDIT	R.GILL	2021-07-09
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



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PO Box 2323
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New Zealand

CIVIL

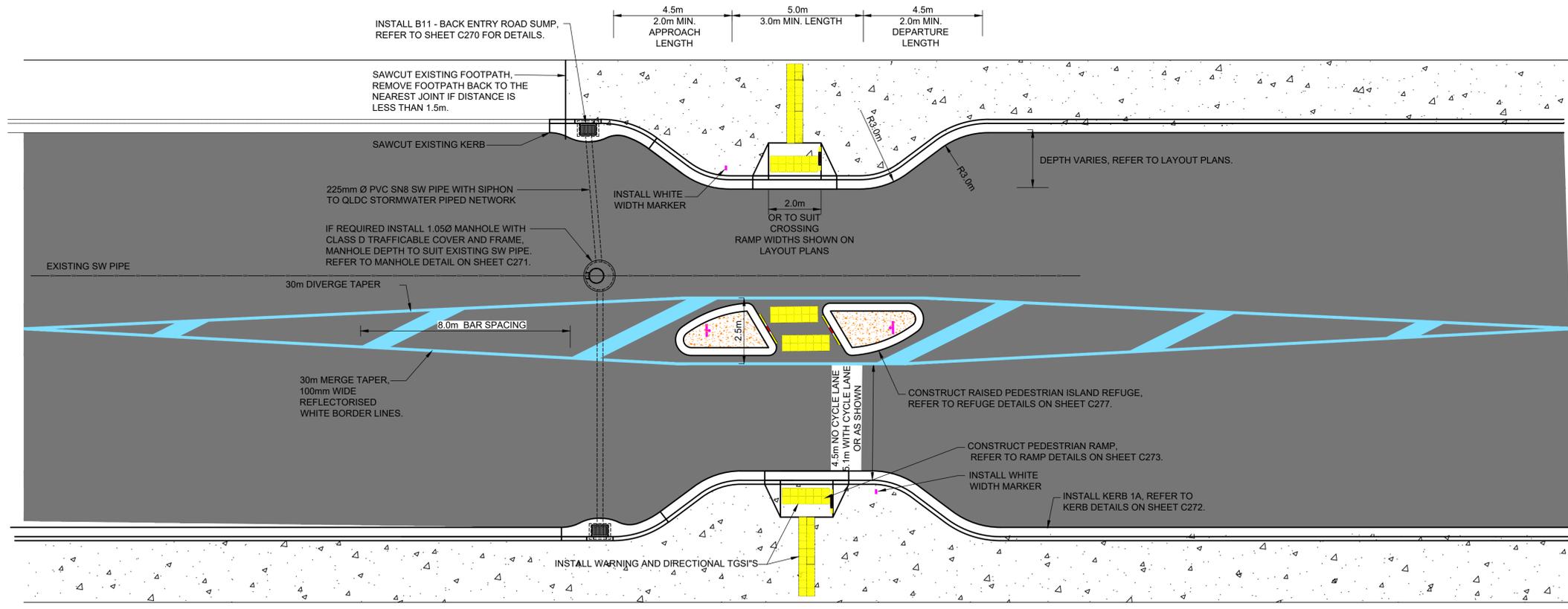
SCALES	DESIGNED	APPROVED
1:5 & 1:25 @ A1	B. MULHOLLAND	R.GILL

ORIGINAL SIZE
A1

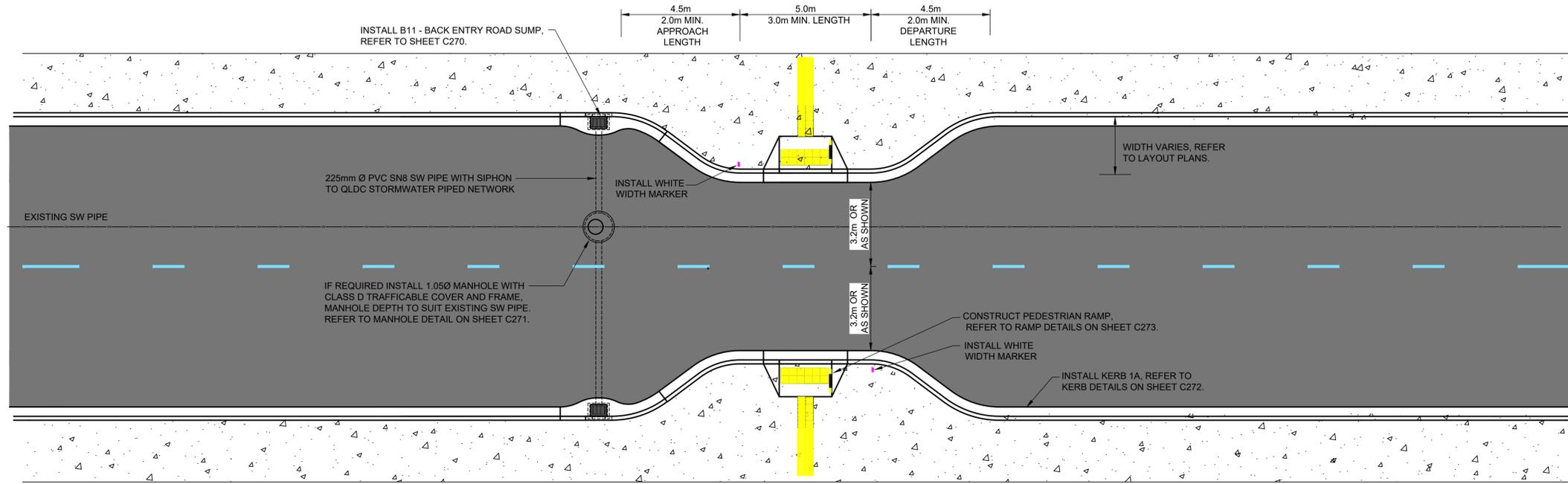
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT	TITLE	SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL QUEENSTOWN, LAKES DISTRICT WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2	CONSTRUCTION DETAILS DRAINAGE	C274	C
WSP PROJECT NO. 6-QX141.00	PROJ-ORIG-VOL-LOC-TYPE 6-QX141-WSP-01-C7-DR		



CROSSING POINT LAYOUT WITH REFUGE AND KERB EXTENSION
Scale: 1:40 (A1)



ROAD NARROWING WITH CROSSING POINT
Scale: 1:40 (A1)

REVISION	AMENDMENT	APPROVED	DATE
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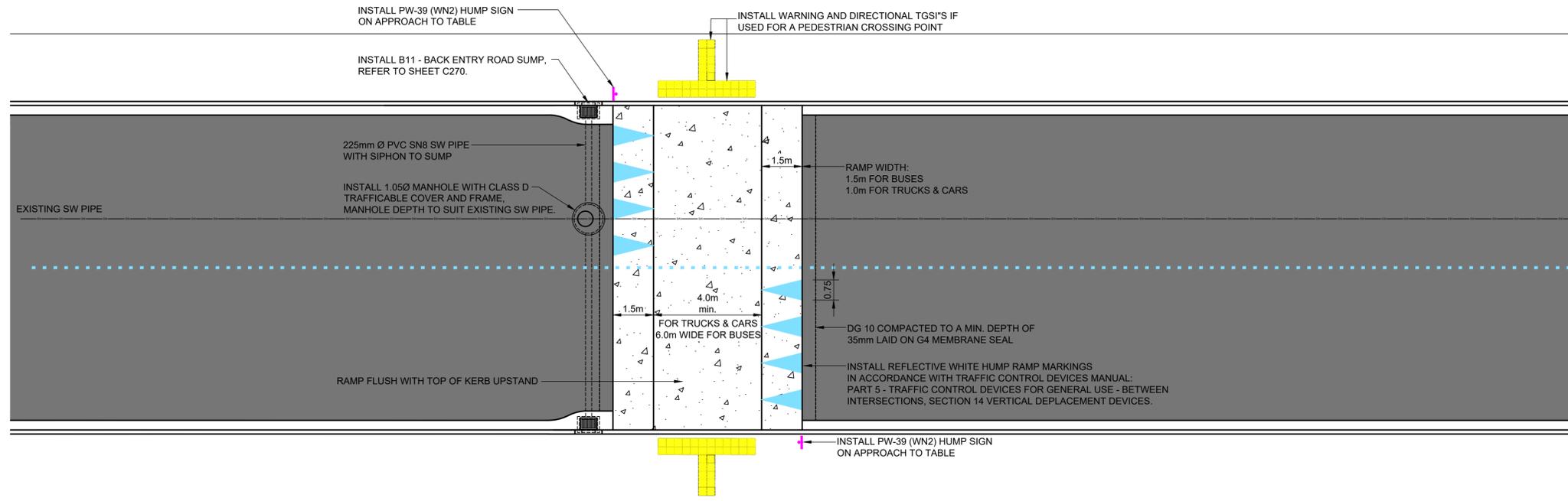
CIVIL

SCALES		ORIGINAL SIZE
1:5 & 1:25 @ A1		A1
DRAWN	DESIGNED	APPROVED
B. MULHOLLAND	B. MULHOLLAND	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

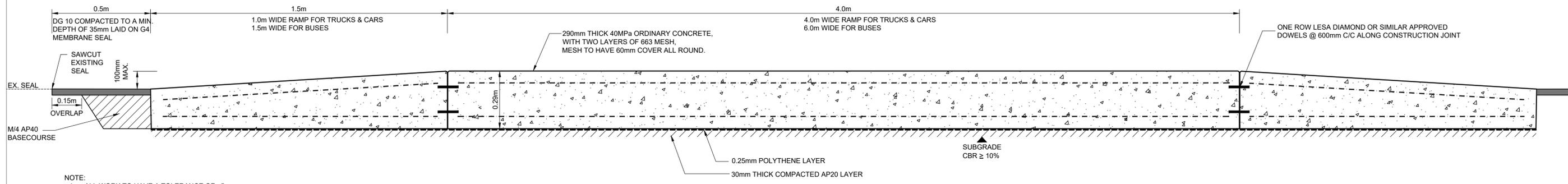
FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL QUEENSTOWN, LAKES DISTRICT WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2			
TITLE			
CONSTRUCTION DETAILS PEDESTRIAN CROSSING POINT AND ROAD NARROWING LAYOUTS			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C275	C

300 mm
200
100
50
0 10 mm



LAYOUT PLAN
Scale: 1:100 (A1)



CROSS SECTION A-A
Scale: 1:10 (A1)

- NOTE:
1. ALL WORK TO HAVE A TOLERANCE OF ±5mm.
 2. REINFORCING TO BE PLACED ON SPACERS
 3. ENGINEER TO INSPECT REINFORCING BEFORE CONCRETE PLACEMENT.

REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN ISSUED FOR SAFETY AUDIT	R.GILL	2021-07-09
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C	FOR TENDER	R.GILL	2021.10.22



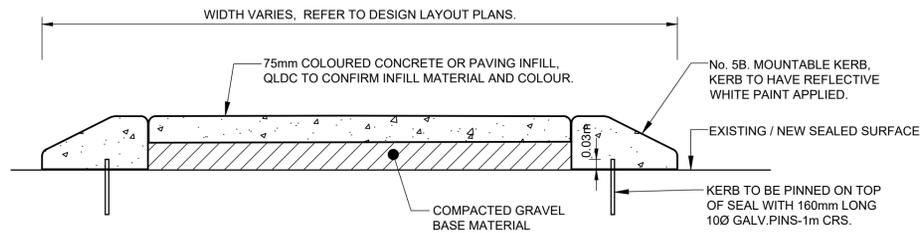
wsp
Queenstown Office
+64 3 451 0360
PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:100 & 1:10 @ A1		A1
DRAWN	DESIGNED	APPROVED
B. MULHOLLAND	B. MULHOLLAND	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

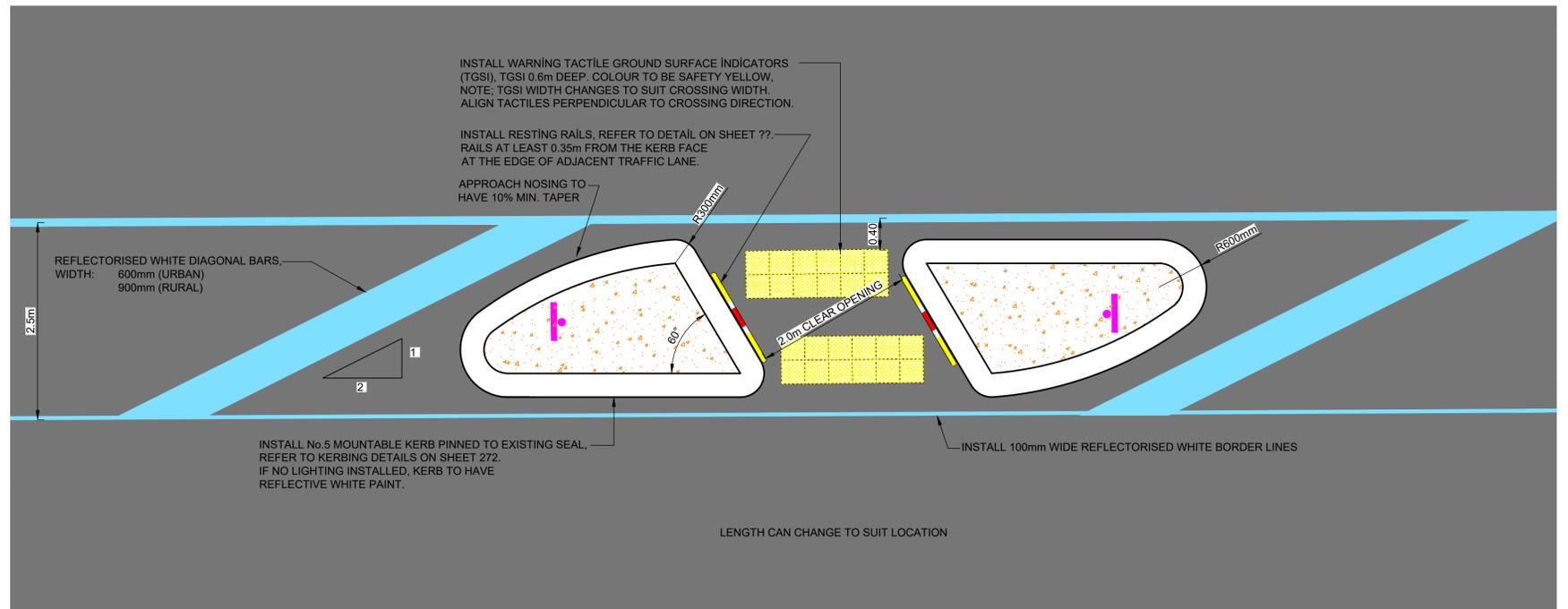
FOR TENDER

PROJECT		SHEET NO.		REVISION	
QUEENSTOWN LAKES DISTRICT COUNCIL QUEENSTOWN, LAKES DISTRICT WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2		C276		C	
TITLE		SHEET NO.		REVISION	
CONSTRUCTION DETAILS SPEED TABLE / RAISED PLATFORM DETAILS		C276		C	
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION		
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C276	C		



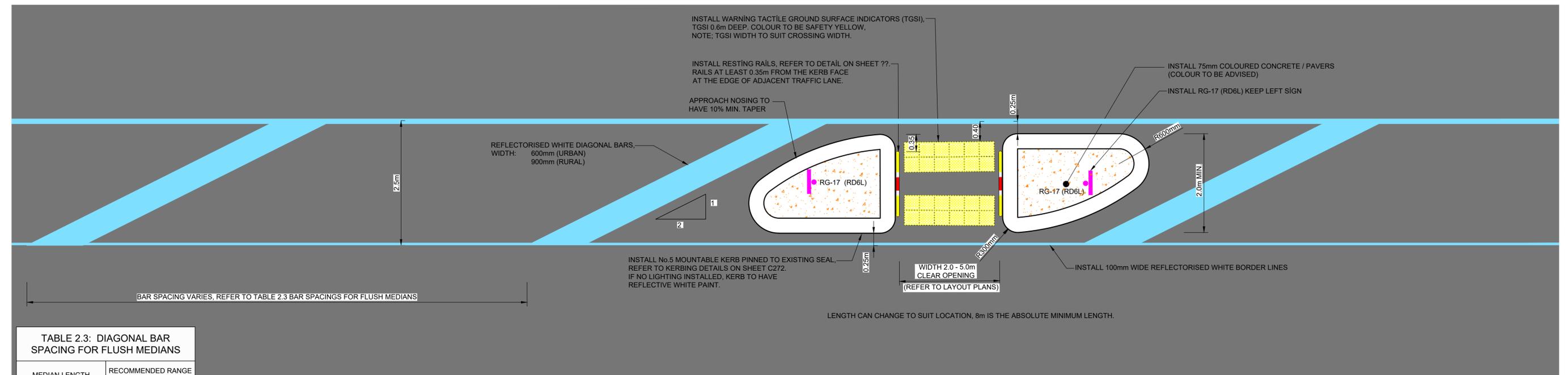
RAISED ISLAND TYPICAL CROSS SECTION

Scale: 1:10



DIAGONAL PEDESTRIAN ISLAND REFUGE LAYOUT

Scale: 1:40 (A1)



STRAIGHT PEDESTRIAN ISLAND REFUGE LAYOUT

Scale: 1:40 (A1)

TABLE 2.3: DIAGONAL BAR SPACING FOR FLUSH MEDIANS

MEDIAN LENGTH	RECOMMENDED RANGE FOR BAR SPACING
LESS THAN 100m	6.0m TO 12.0m
100m TO 500m	10.0m TO 15.0m
MORE THAN 500m	12.0m TO 20.0m

REVISION	AMENDMENT	APPROVED	DATE
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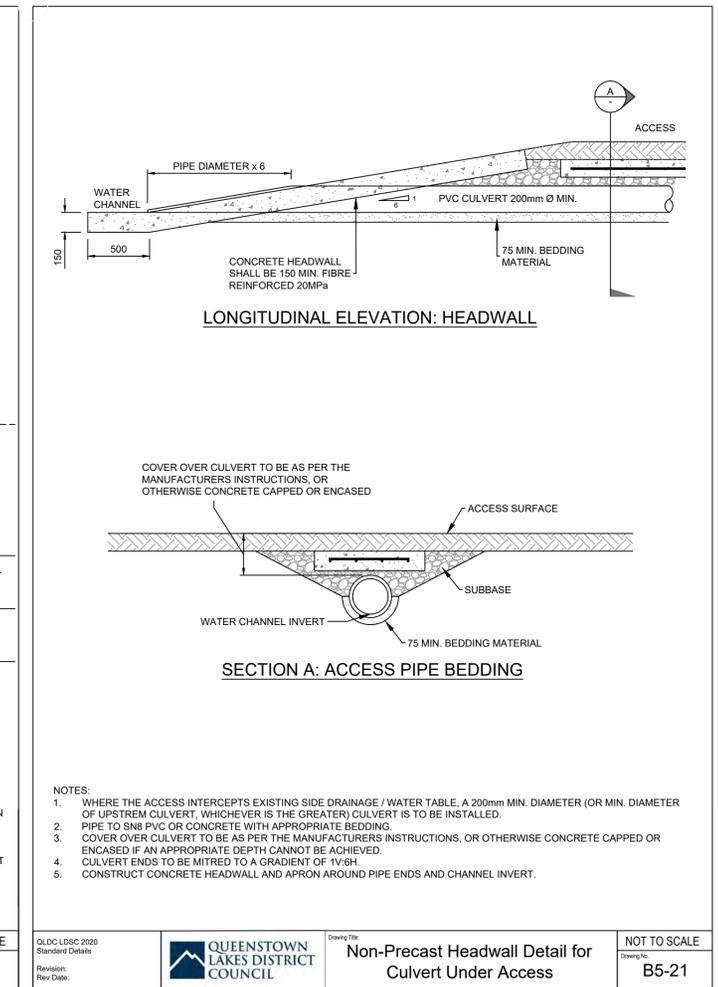
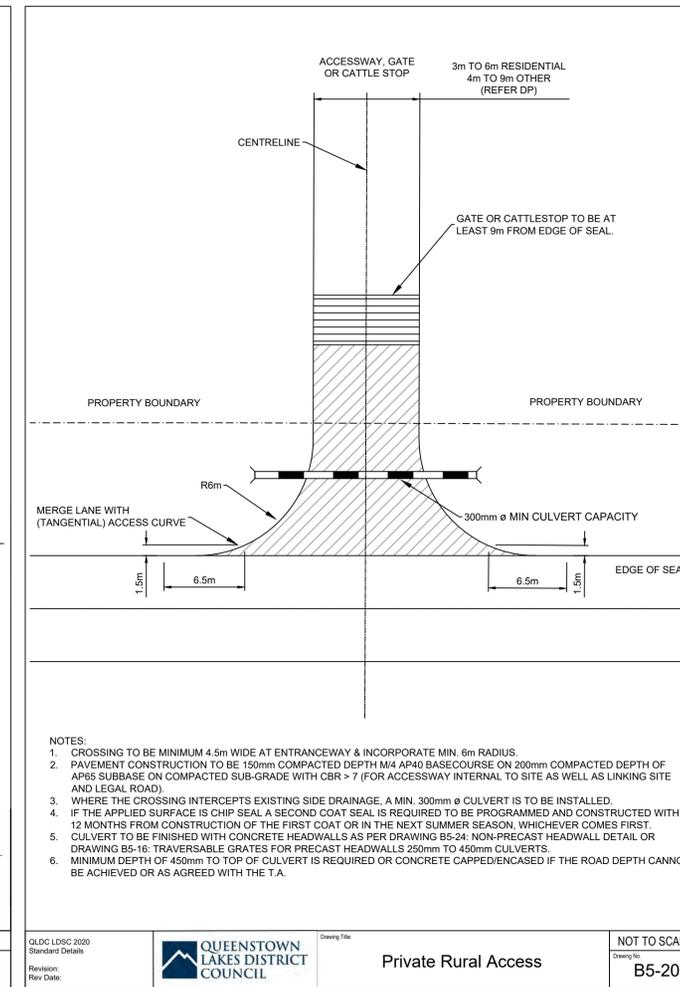
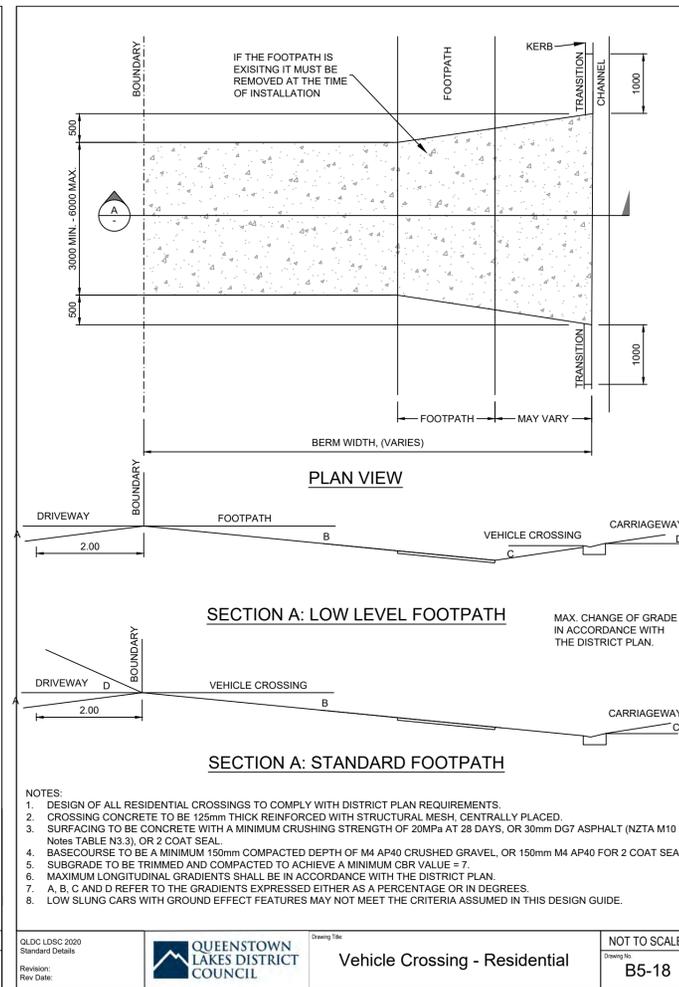
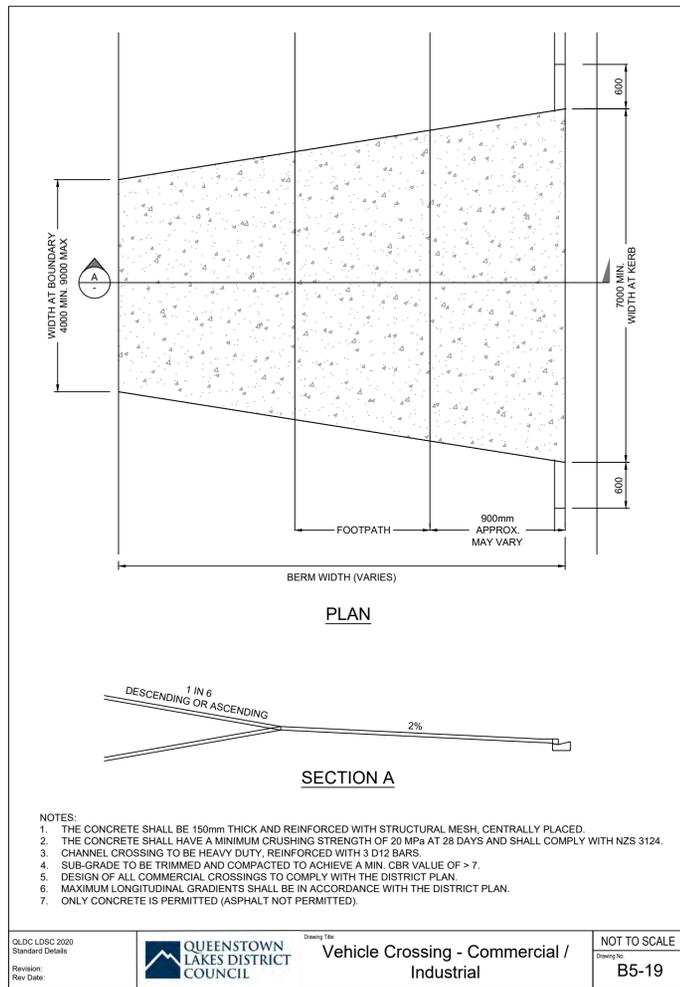
CIVIL

SCALES		ORIGINAL SIZE
1:5 & 1:25 @ A1		A1
DRAWN	DESIGNED	APPROVED
B. MULHOLLAND	B. MULHOLLAND	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
QUEENSTOWN, LAKES DISTRICT			
WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2			
TITLE			
CONSTRUCTION DETAILS			
FLUSH MEDIAN WITH PEDESTRIAN ISLAND REFUGE DETAILS			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C277	C

300 mm
200
100
0 10 mm



REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN ISSUED FOR SAFETY AUDIT	R.GILL	2021-07-09
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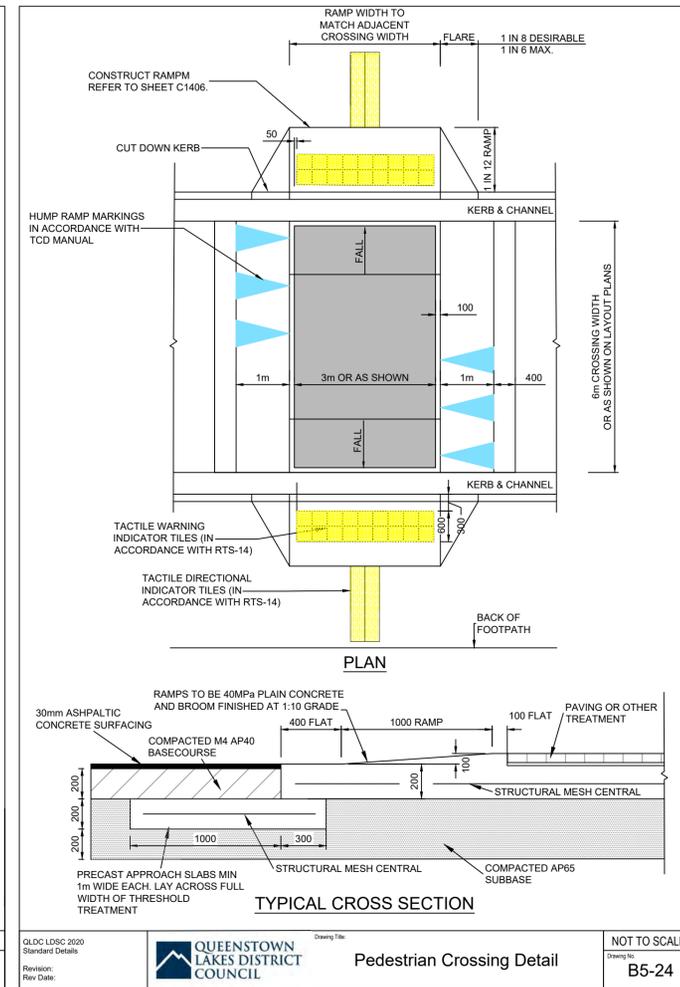
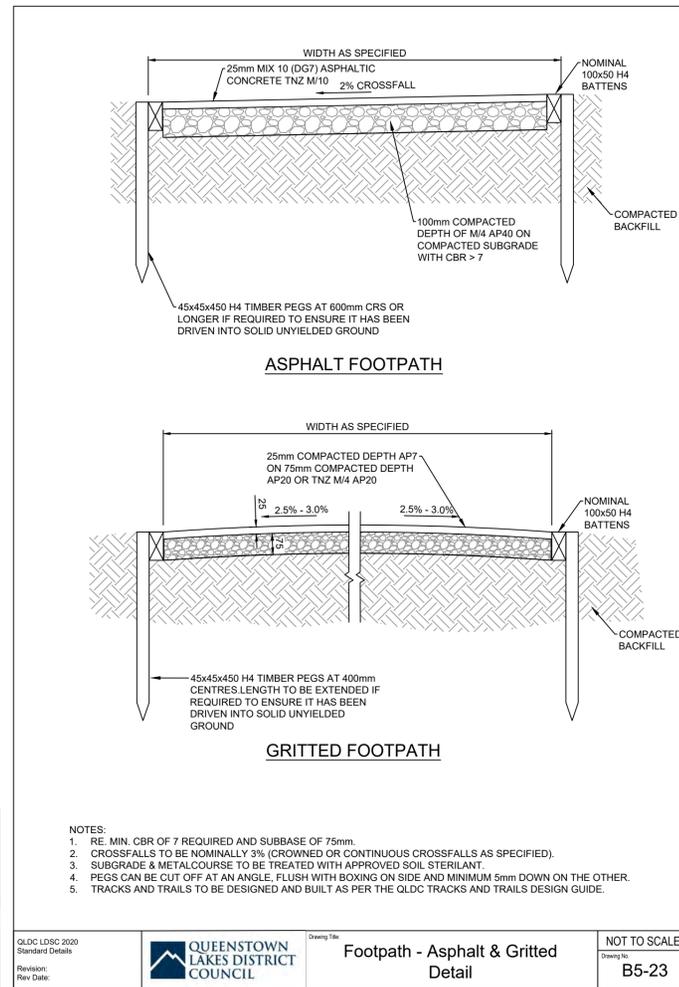
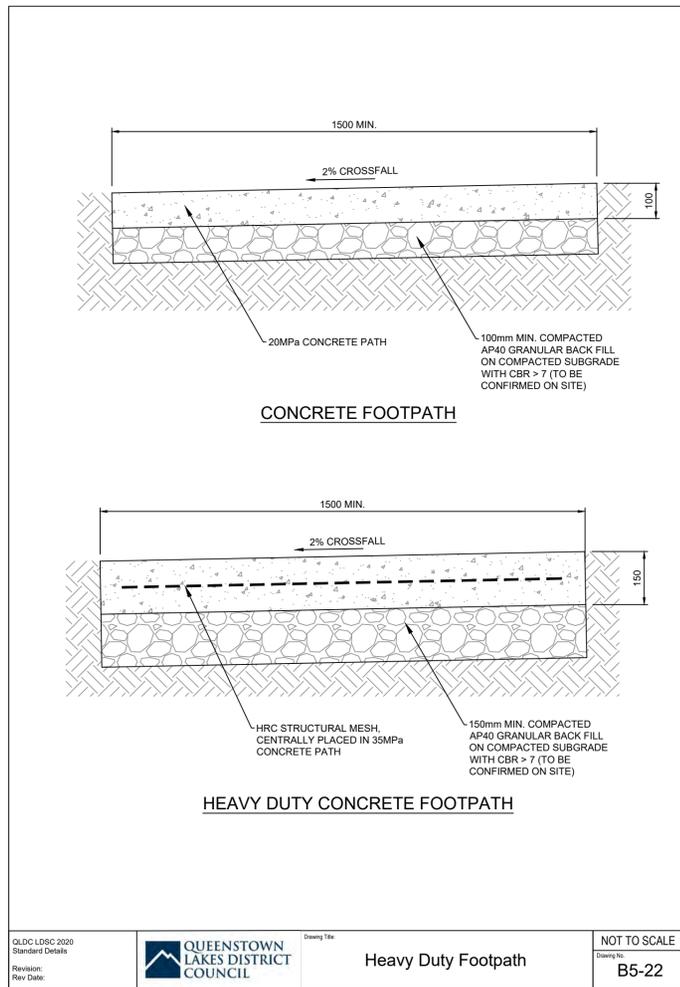
CIVIL

SCALES		ORIGINAL SIZE
N.T.S		A1
DRAWN	DESIGNED	APPROVED
B. MULHOLLAND	B. MULHOLLAND	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
QUEENSTOWN, LAKES DISTRICT			
WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2			
TITLE			
CONSTRUCTION DETAILS			
QLDC LDSC 2020 APPENDIX B - STD CONSTRUCTION DRAWINGS			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C278	C

300 mm
200
100
0 10 mm



REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY DESIGN ISSUED FOR SAFETY AUDIT	R.GILL	2021-07-09
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Queenstown 9300
New Zealand

CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
N.T.S.	B. MULHOLLAND	R.GILL	A1
DRAWN	B. MULHOLLAND	R.GILL	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.FORBES	S.SHERLAW	2021.10.22	

FOR TENDER

PROJECT	TITLE	WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL QUEENSTOWN, LAKES DISTRICT WAKATIPU ACTIVE TRAVEL NETWORK - STAGE 2	CONSTRUCTION DETAILS QLDC LDSC 2020 APPENDIX B - STD CONSTRUCTION DRAWINGS	6-XQ141.00	6-XQ141-WSP-01-C7-DR	C279	C

**UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES**

THE CONTRACTOR'S ATTENTION IS DRAWN TO CLAUSE 5.13 OF NZS 3910:2013.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE THE INITIAL LIAISON WITH UTILITY AUTHORITIES TO DETERMINE THE PRESENCE OF SERVICES.

THE CONTRACTOR SHALL DETERMINE THE PRESENCE OF SERVICES AT SUCH A TIME SO THAT CRITICAL PATH ITEMS IN THE PROGRAMME ARE NOT AFFECTED SHOULD THE LOCATED SERVICES NEED TO BE RELOCATED, OR TWO WEEKS IN ADVANCE OF WORKS COMMENCING WHERE THEY MAY BE AFFECTED BY SERVICES.

CHORUS HAS UNDERGROUND FIBRE OPTIC CABLES AND AURORA/DELTA HAS UNDERGROUND AND OVERHEAD HIGH VOLTAGE CABLES AND LIGHTING CABLES IN THE VICINITY OF THE SITE.

LINZ MAY HAVE SURVEY MARKS WITHIN ROAD RESERVE IN THE VICINITY OF THE SITE. CARE SHOULD BE TAKEN TO PROTECT ALL SURVEY MARKS DURING CONSTRUCTION.

THE UNDERGROUND POWER SUPPLIES ARE HIGH VOLTAGE AND IT IS THE CONTRACTORS RESPONSIBILITY TO BE AWARE OF THE REGULATIONS AND REQUIREMENTS FOR WORKING IN THE PROXIMITY OF THIS POTENTIAL HAZARD AND FOR NOTIFYING THE WORKSAFE NZ.

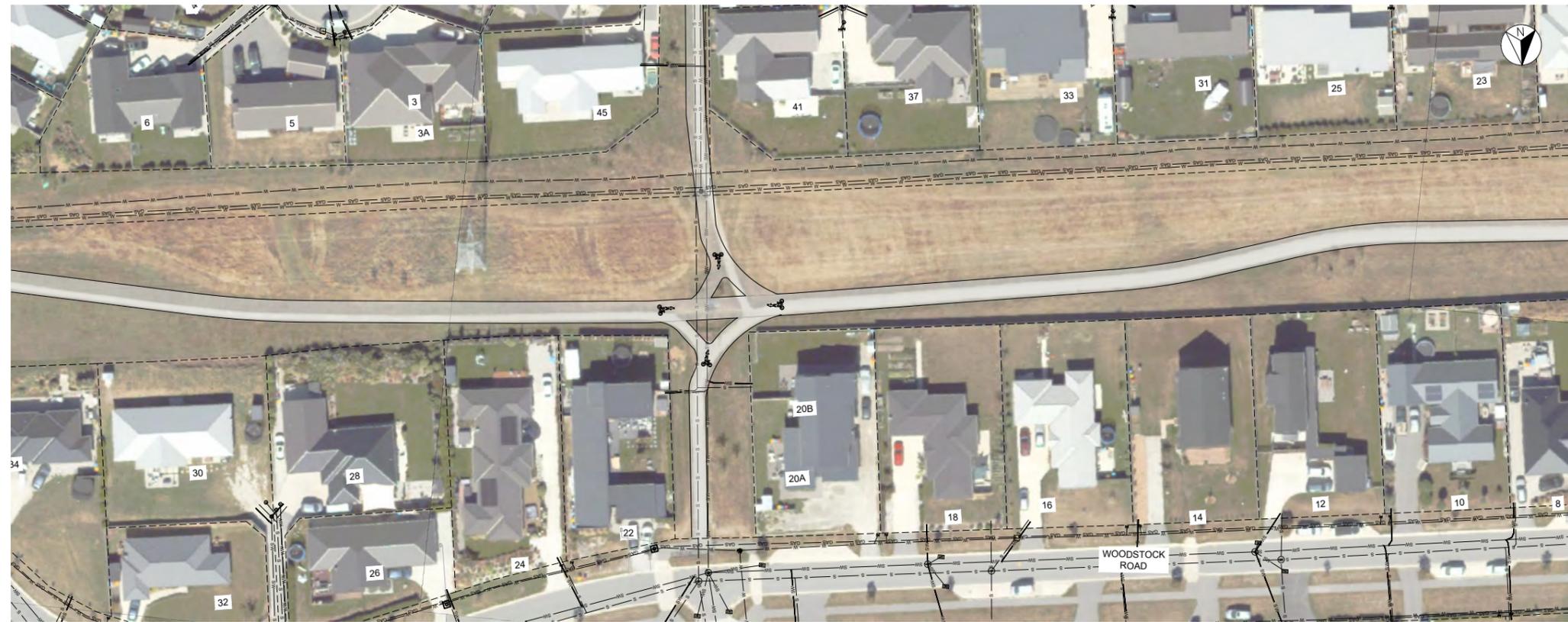
IN ADDITION, ANY EXISTING PRIVATE SERVICES, SUCH AS DRAINAGE, DOMESTIC WATER SUPPLIES, ELECTRICAL SUPPLY AND CHORUS CONNECTIONS, MUST BE MAINTAINED IN FULL WORKING ORDER THROUGHOUT THE DURATION OF THE WORKS. QLDC CAN PROVIDE INFORMATION ON THE EXISTING COUNCIL SERVICES.

THE CONTRACTOR MUST MAKE ALLOWANCE FOR ANY INCONVENIENCE IN CARRYING OUT THE CONSTRUCTION WITHOUT CAUSING DAMAGE OR DISRUPTION TO VARIOUS SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPAIR FOR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.

THE CONTRACTOR MUST PERMIT THE ENTRY OF NETWORK UTILITY OPERATOR WORKMEN WHO MAY BE REQUIRED TO CARRY OUT REPAIRS OR OTHER WORK ON THE SERVICES.

ALL SERVICES AND UTILITY COVERS AND FRAMES ARE TO BE RAISED / RELOCATED IN ACCORDANCE WITH QUEENSTOWN LAKES DISTRICT COUNCIL (QLDC) LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE & APPENDIX B STANDARD CONSTRUCTION DRAWINGS.

ALL SERVICE AND UTILITY COVERS ARE TO BE SET FLUSH WITH THE FINISHED FOOTPATH / ROAD SURFACE, IF THERE IS A LIP GREATER THAN 5mm IN THE FOOTPATH THE CONTRACTOR MUST REMOVE AND RESET COVER & FRAME FLUSH WITH THE SURROUNDING FOOTPATH SURFACE.



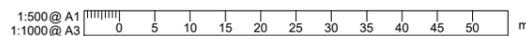
LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE



REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
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Queenstown Office
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PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES	ORIGINAL SIZE	
1:500 @ A1	A1	
1:1000 @ A3	A3	
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C401	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES

THE CONTRACTOR'S ATTENTION IS DRAWN TO CLAUSE 5.13 OF NZS 3910:2013.

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CHORUS HAS UNDERGROUND FIBRE OPTIC CABLES AND AURORA/DELTA HAS UNDERGROUND AND OVERHEAD HIGH VOLTAGE CABLES AND LIGHTING CABLES IN THE VICINITY OF THE SITE.

LINZ MAY HAVE SURVEY MARKS WITHIN ROAD RESERVE IN THE VICINITY OF THE SITE. CARE SHOULD BE TAKEN TO PROTECT ALL SURVEY MARKS DURING CONSTRUCTION.

THE UNDERGROUND POWER SUPPLIES ARE HIGH VOLTAGE AND IT IS THE CONTRACTORS RESPONSIBILITY TO BE AWARE OF THE REGULATIONS AND REQUIREMENTS FOR WORKING IN THE PROXIMITY OF THIS POTENTIAL HAZARD AND FOR NOTIFYING THE WORKSAFE NZ.

IN ADDITION, ANY EXISTING PRIVATE SERVICES, SUCH AS DRAINAGE, DOMESTIC WATER SUPPLIES, ELECTRICAL SUPPLY AND CHORUS CONNECTIONS, MUST BE MAINTAINED IN FULL WORKING ORDER THROUGHOUT THE DURATION OF THE WORKS. QLDC CAN PROVIDE INFORMATION ON THE EXISTING COUNCIL SERVICES.

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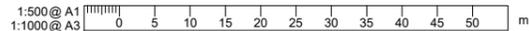
LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE



REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
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wsp
 Queenstown Office
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 PO Box 2323
 Queenstown 9300
 New Zealand

CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
1:500 @ A1	L.JADVANI	R.GILL	A1
1:1000 @ A3	L.JADVANI	R.GILL	A3
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.FORBES	S.SHERLAW	2021.10.22	

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C402	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE

PUBLIC UTILITIES AND PRIVATE SERVICES

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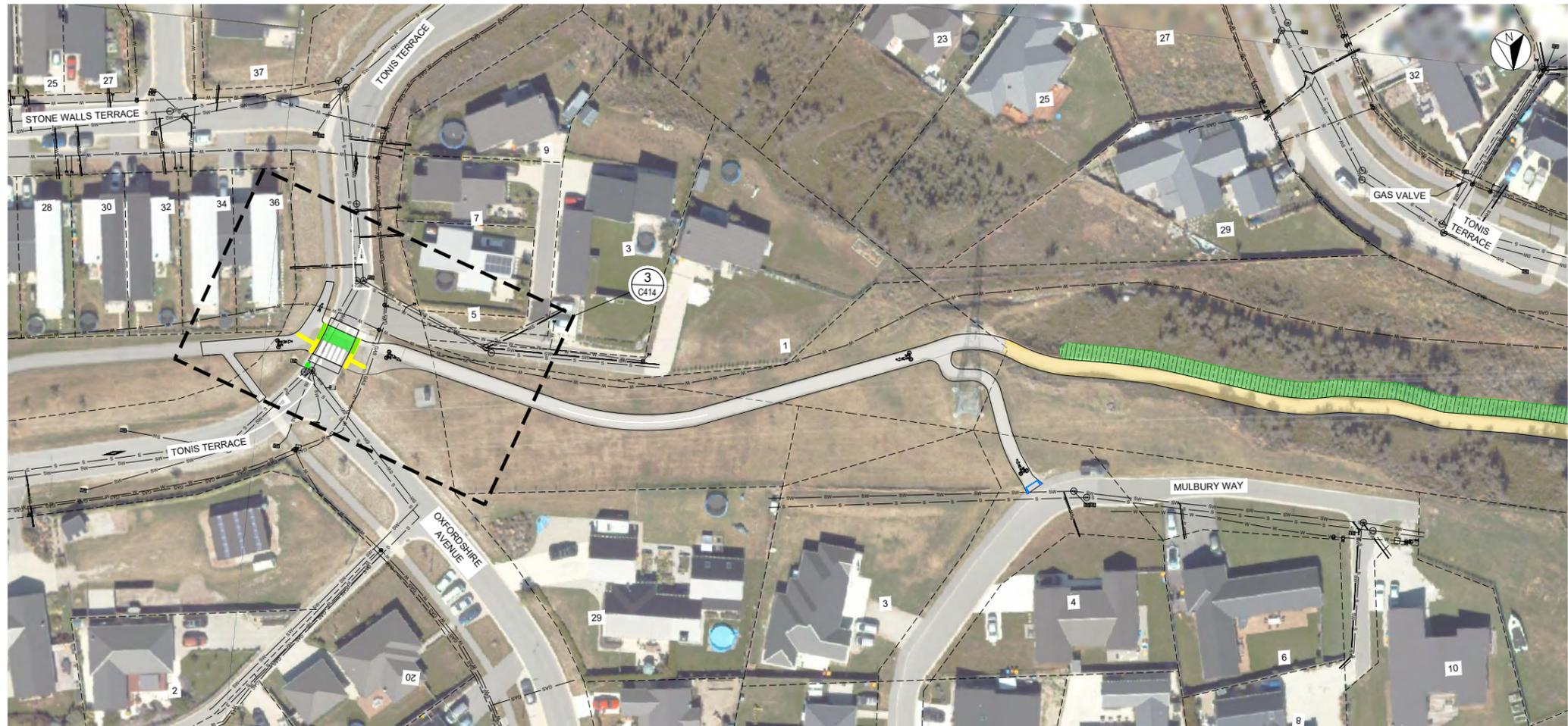
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THE CONTRACTOR MUST PERMIT THE ENTRY OF NETWORK UTILITY OPERATOR WORKMEN WHO MAY BE REQUIRED TO CARRY OUT REPAIRS OR OTHER WORK ON THE SERVICES.

ALL SERVICES AND UTILITY COVERS AND FRAMES ARE TO BE RAISED / RELOCATED IN ACCORDANCE WITH QUEENSTOWN LAKES DISTRICT COUNCIL (QLDC) LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE & APPENDIX B STANDARD CONSTRUCTION DRAWINGS.

ALL SERVICE AND UTILITY COVERS ARE TO BE SET FLUSH WITH THE FINISHED FOOTPATH / ROAD SURFACE, IF THERE IS A LIP GREATER THAN 5mm IN THE FOOTPATH THE CONTRACTOR MUST REMOVE AND RESET COVER & FRAME FLUSH WITH THE SURROUNDING FOOTPATH SURFACE.



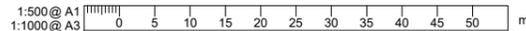
LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE



REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



wsp
Queenstown Office
+64 3 4510360
PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
1:500 @ A1	L.JADVANI	R.GILL	A1
1:1000 @ A3	L.JADVANI	R.GILL	A1
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.FORBES	S.SHERLAW	2021.10.22	

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL WAKATIPU ACTIVE TRAVEL WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7 EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C403	C

**UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES**

THE CONTRACTOR'S ATTENTION IS DRAWN TO CLAUSE 5.13 OF NZS 3910:2013.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE THE INITIAL LIAISON WITH UTILITY AUTHORITIES TO DETERMINE THE PRESENCE OF SERVICES.

THE CONTRACTOR SHALL DETERMINE THE PRESENCE OF SERVICES AT SUCH A TIME SO THAT CRITICAL PATH ITEMS IN THE PROGRAMME ARE NOT AFFECTED SHOULD THE LOCATED SERVICES NEED TO BE RELOCATED, OR TWO WEEKS IN ADVANCE OF WORKS COMMENCING WHERE THEY MAY BE AFFECTED BY SERVICES.

CHORUS HAS UNDERGROUND FIBRE OPTIC CABLES AND AURORA/DELTA HAS UNDERGROUND AND OVERHEAD HIGH VOLTAGE CABLES AND LIGHTING CABLES IN THE VICINITY OF THE SITE.

LINZ MAY HAVE SURVEY MARKS WITHIN ROAD RESERVE IN THE VICINITY OF THE SITE. CARE SHOULD BE TAKEN TO PROTECT ALL SURVEY MARKS DURING CONSTRUCTION.

THE UNDERGROUND POWER SUPPLIES ARE HIGH VOLTAGE AND IT IS THE CONTRACTORS RESPONSIBILITY TO BE AWARE OF THE REGULATIONS AND REQUIREMENTS FOR WORKING IN THE PROXIMITY OF THIS POTENTIAL HAZARD AND FOR NOTIFYING THE WORKSAFE NZ.

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THE CONTRACTOR MUST PERMIT THE ENTRY OF NETWORK UTILITY OPERATOR WORKMEN WHO MAY BE REQUIRED TO CARRY OUT REPAIRS OR OTHER WORK ON THE SERVICES.

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LAYOUT PLAN
SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE

1:500 @ A1
1:1000 @ A3

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wsp
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+64 3 4510360
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Queenstown 9300
New Zealand

CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
1:500 @ A1	L.JADVANI	R.GILL	A1
1:1000 @ A3	L.JADVANI	R.GILL	A1
DRAWN	DESIGNED	APPROVED	
L.JADVANI	L.JADVANI	R.GILL	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.FORBES	S.SHERLAW	2021.10.22	

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C404	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES

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LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE

1:500 @ A1
1:1000 @ A3

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CIVIL

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1:500 @ A1	L.JADVANI	R.GILL	A1
DRAWN	DESIGNED	APPROVED	
L.JADVANI	L.JADVANI	R.GILL	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.FORBES	S.SHERLAW	2021.10.22	

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C405	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES

THE CONTRACTOR'S ATTENTION IS DRAWN TO CLAUSE 5.13 OF NZS 3910:2013.

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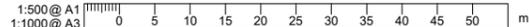


LAYOUT PLAN
 SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE



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A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
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C	FOR TENDER	R.GILL	2021.10.22



wsp
 Queenstown Office
 +64 3 4510360
 PO Box 2323
 Queenstown 9300
 New Zealand

CIVIL

SCALES	ORIGINAL SIZE	
1:500 @ A1	A1	
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C406	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE

PUBLIC UTILITIES AND PRIVATE SERVICES

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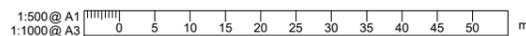
LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
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	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE



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Queenstown Office
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Queenstown 9300
New Zealand

CIVIL

SCALES	ORIGINAL SIZE	
1:500 @ A1	A1	
1:1000 @ A3	A3	
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C407	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES

THE CONTRACTOR'S ATTENTION IS DRAWN TO CLAUSE 5.13 OF NZS 3910:2013.

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LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
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	SLUICE VALVE
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	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE

1:500 @ A1
1:1000 @ A3

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DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT		
QUEENSTOWN LAKES DISTRICT COUNCIL		
WAKATIPU ACTIVE TRAVEL		
WATN STAGE 2 ROUTES - ROUTE C7		
TITLE		
ROUTE C7		
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C408
		REVISION
		C

UTILITIES AND SERVICES WITHIN ROAD RESERVE

PUBLIC UTILITIES AND PRIVATE SERVICES

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LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	SUMP
	STORMWATER MANHOLE
	SEWER MANHOLE
	MANHOLE
	TELECOMMUNICATION DOME
	CHORUS
	FIRE HYDRANT
	SLUICE VALVE
	TOBY VALVE
	ELECTRICAL BOX
	POWER POLE
	LIGHT POLE
	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
	STORMWATER PIPES
	STORMWATER CHANNEL
	WASTEWATER PIPES
	WATER PIPES
	UNDERGROUND POWER (INDICATIVE)
	OVERHEAD POWER
	CHORUS (INDICATIVE)
	GAS (INDICATIVE)
PROPOSED SERVICES	
	STORMWATER PIPE
	SUMP
	STORMWATER MANHOLE

1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



Queenstown Office
+64 3 4510360
PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES	ORIGINAL SIZE	
1:500 @ A1	A1	
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C409	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE

PUBLIC UTILITIES AND PRIVATE SERVICES

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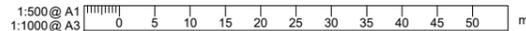
LAYOUT PLAN

SCALE 1:500 (A1), 1:1000 (A3)

300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
—	LEGAL BOUNDARY
—	KERB & CHANNEL
---	EDGE OF SEAL
▣	SUMP
⊙ SW	STORMWATER MANHOLE
⊙ SS	SEWER MANHOLE
⊙ MH	MANHOLE
⊙ TD	TELECOMMUNICATION DOME
⊙ T	CHORUS
⊙ FH	FIRE HYDRANT
⊙ SV	SLUICE VALVE
⊙ TV	TOBY VALVE
⊙ E	ELECTRICAL BOX
⊙ PP	POWER POLE
⊙ LP	LIGHT POLE
⊙	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
—	SW — STORMWATER PIPES
—>	STORMWATER CHANNEL
—	S — WASTEWATER PIPES
—	W — WATER PIPES
—	P — UNDERGROUND POWER (INDICATIVE)
—	OH — OVERHEAD POWER
—	T — CHORUS (INDICATIVE)
—	GAS — GAS (INDICATIVE)
PROPOSED SERVICES	
—	SW — STORMWATER PIPE
▣	SUMP
⊙	STORMWATER MANHOLE



REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.07.09
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



wsp
Queenstown Office
+64 3 4510360
PO Box 2323
Queenstown 9300
New Zealand

CIVIL

SCALES		ORIGINAL SIZE
1:500 @ A1		A1
1:1000 @ A3		
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
EXISTING SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C410	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE

PUBLIC UTILITIES AND PRIVATE SERVICES

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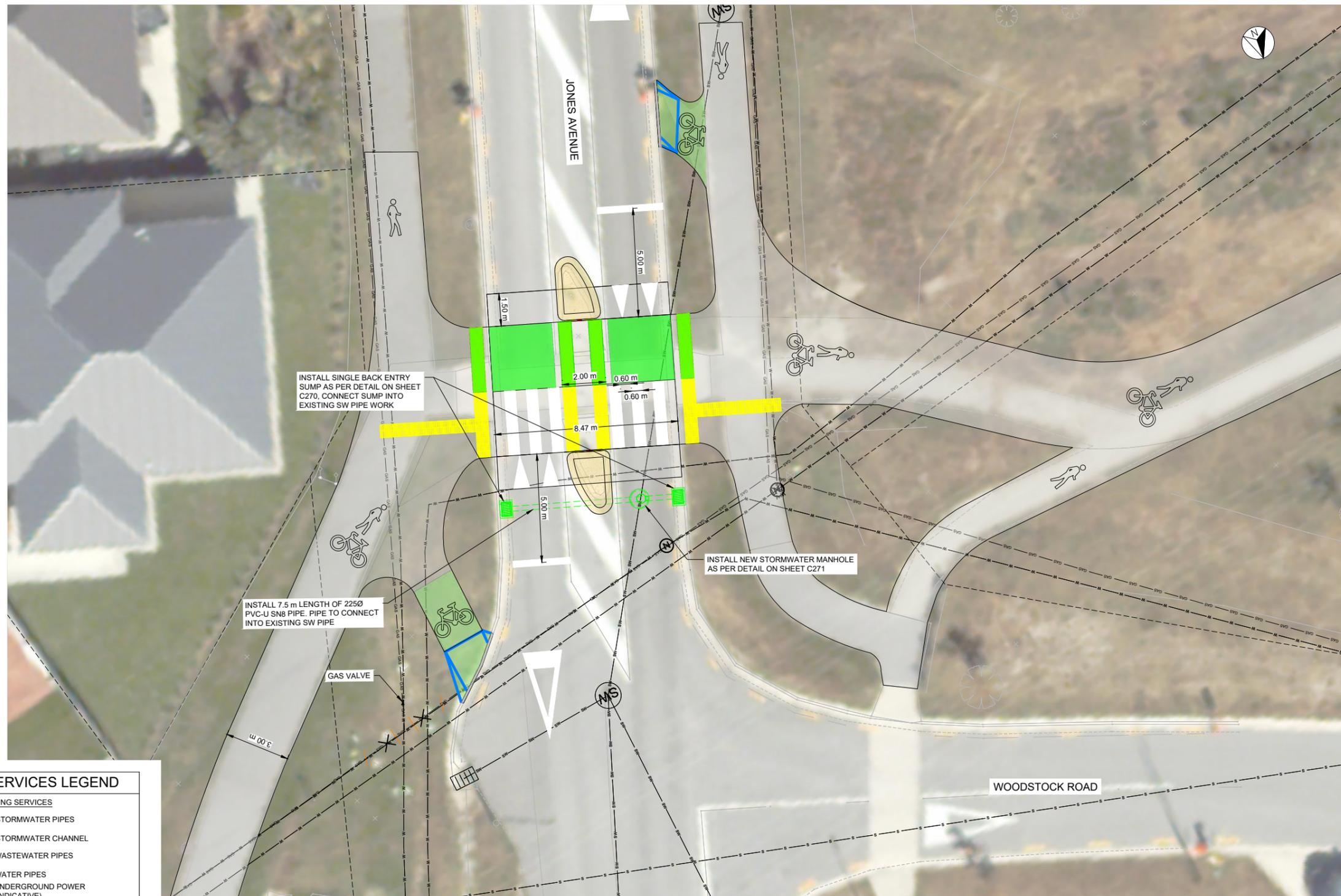
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300 mm
200
100
50
0 10 mm

SURVEY LEGEND	
---	LEGAL BOUNDARY
---	KERB & CHANNEL
---	EDGE OF SEAL
□	SUMP
⊙ SW	STORMWATER MANHOLE
⊙ SS	SEWER MANHOLE
⊙ MH	MANHOLE
⊙ TD	TELECOMMUNICATION DOME
⊙ T	CHORUS
⊙ FH	FIRE HYDRANT
⊙ SV	SLUICE VALVE
⊙ TV	TOBY VALVE
⊙ E	ELECTRICAL BOX
⊙ PP	POWER POLE
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⊙	SIGN

QLDC SERVICES LEGEND	
EXISTING SERVICES	
---	SW — STORMWATER PIPES
---	— STORMWATER CHANNEL
---	S — WASTEWATER PIPES
---	W — WATER PIPES
---	P — UNDERGROUND POWER (INDICATIVE)
---	OH — OVERHEAD POWER
---	T — CHORUS (INDICATIVE)
---	GAS — GAS (INDICATIVE)
PROPOSED SERVICES	
---	SW — STORMWATER PIPE
□	SUMP
⊙	STORMWATER MANHOLE

1:100 @ A1
1:200 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.08.02
B	DETAILED DESIGN ISSUED FOR CLIENT APPROVAL	R.GILL	2021.08.30
C	FOR TENDER	R.GILL	2021.10.22



wsp
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CIVIL

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1:100 @ A1		A1
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S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
DETAILED SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES SHEET 01 OF 03			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-QX141.00	6-QX141-WSP-01-C7-DR	C412	C

UTILITIES AND SERVICES WITHIN ROAD RESERVE
PUBLIC UTILITIES AND PRIVATE SERVICES

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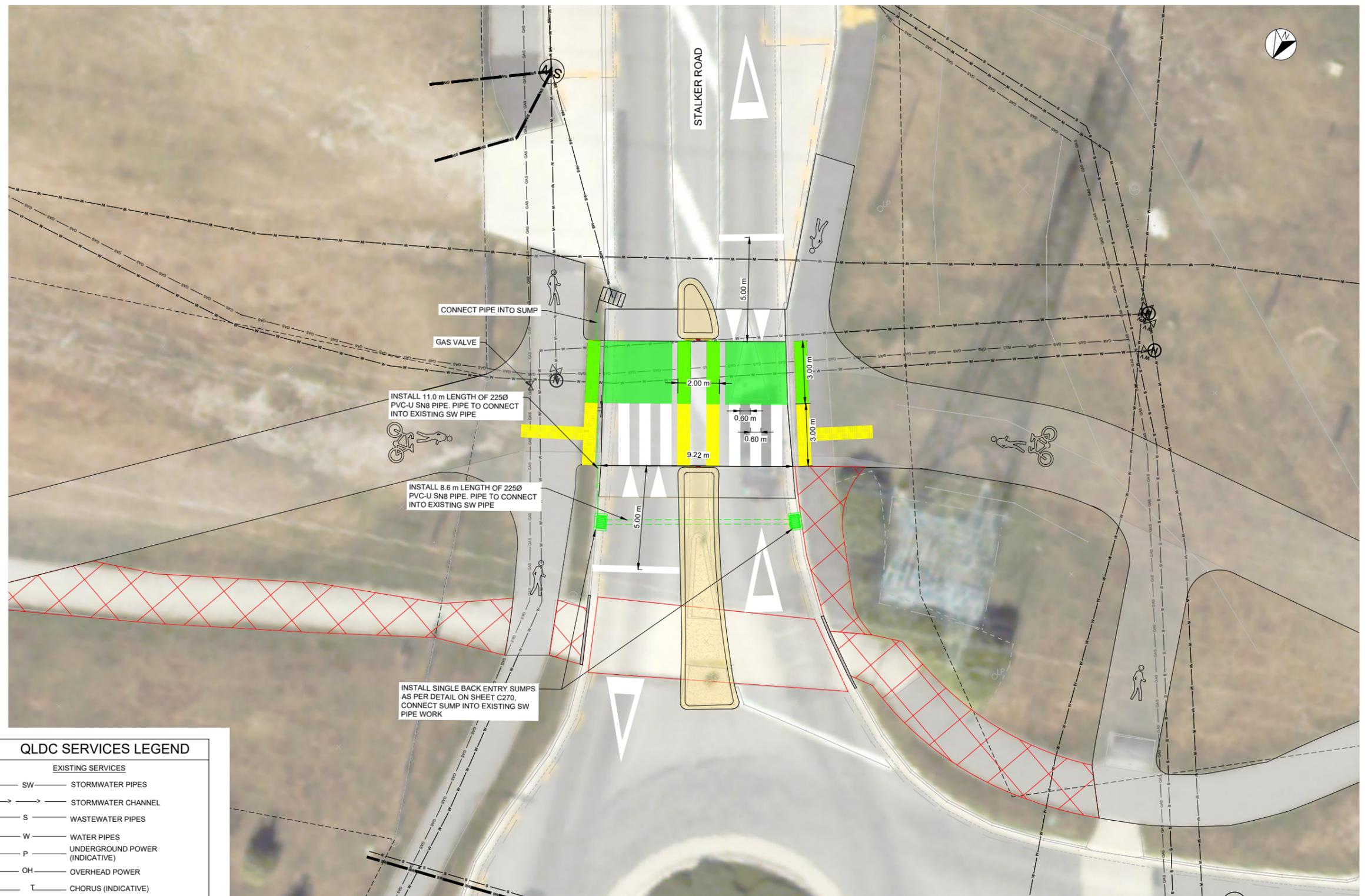
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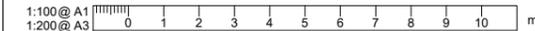


SURVEY LEGEND

---	LEGAL BOUNDARY
- - - -	KERB & CHANNEL
- · - · -	EDGE OF SEAL
■	SUMP
⊙ SW	STORMWATER MANHOLE
⊙ SS	SEWER MANHOLE
⊙ MH	MANHOLE
⊙ TD	TELECOMMUNICATION DOME
⊙ T	CHORUS
⊙ FH	FIRE HYDRANT
⊙ SV	SLUICE VALVE
⊙ TV	TOBY VALVE
⊙ E	ELECTRICAL BOX
⊙ PP	POWER POLE
⊙ LP	LIGHT POLE
⊙	SIGN

QLDC SERVICES LEGEND

EXISTING SERVICES	
---	SW STORMWATER PIPES
---	STORMWATER CHANNEL
---	S WASTEWATER PIPES
---	W WATER PIPES
---	P UNDERGROUND POWER (INDICATIVE)
---	OH OVERHEAD POWER
---	T CHORUS (INDICATIVE)
---	GAS GAS (INDICATIVE)
PROPOSED SERVICES	
---	SW STORMWATER PIPE
■	SUMP
⊙	STORMWATER MANHOLE



REVISION	AMENDMENT	APPROVED	DATE
A	DETAILED DESIGN ISSUED FOR CLIENT REVIEW	R.GILL	2021.08.02
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CIVIL

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1:100 @ A1		A1
1:200 @ A3		
DRAWN	DESIGNED	APPROVED
L.JADVANI	L.JADVANI	R.GILL
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S.FORBES	S.SHERLAW	2021.10.22

FOR TENDER

PROJECT			
QUEENSTOWN LAKES DISTRICT COUNCIL			
WAKATIPU ACTIVE TRAVEL			
WATN STAGE 2 ROUTES - ROUTE C7			
TITLE			
ROUTE C7			
DETAILED SITE LAYOUT WITH EXISTING AND PROPOSED SERVICES SHEET 02 OF 03			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
6-XQ141.00	6-XQ141-WSP-01-C7-DR	C413	C

LEGEND	
EXISTING	
	LEGAL BOUNDARY
	KERB & CHANNEL
	EDGE OF SEAL
	FENCE
	GUARDRAIL
	TOP OF BANK
	BOTTOM OF BANK
	BRIDGE
PROPOSED	
	RETAINING WALL
	KERB AND CHANNEL
	PRAMCROSSING
	DISH CHANNEL
	SHARED PATH - AC
	SHARED PATH - GRAVEL
	SHARED PATH - CHIP SEAL
	FOOTPATH - AC
	BI-DIRECTIONAL CYCLE LANE
	VEHICLE CROSSING - CONCRETE
	GRASSED BERM
	LANDSCAPE AREA
	CUT BATTER
	FILL BATTER
	WARNING TACTILES
SIGNS	
	PW-30
	PW-39
	RG-17
	AU-13
	RG-26C (SHARED PEDESTRIAN AND CYCLE PATH)
	RG-6 & RP-19.3 SIGN
	PW-65 (BLACK AND WHITE POLE WITH BELISHA DISC)

- NOTES:
1. PLANS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS.
 2. CONTRACTOR SHALL CONFIRM DIMENSION AND SET-OUT PRIOR TO ORDERING MATERIAL OR CONSTRUCTION.
 3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM DRAWINGS.
 4. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE CONSTRUCTED AS PER MOTSAM AND TRAFFIC CONTROL DEVICES MANUAL.
 5. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT CODES OF PRACTICE EXCEPT WHERE VARIED BY THE SPECIFICATION AND/OR THE DRAWINGS.
 6. WHERE PROPRIETARY PRODUCTS ARE SPECIFIED THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE PRODUCT FOR APPROVAL. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.



1:100 @ A1
1:200 @ A3

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CIVIL

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FOR TENDER

PROJECT		
QUEENSTOWN LAKES DISTRICT COUNCIL		
WAKATIPU ACTIVE TRAVEL		
WATN STAGE 2 ROUTES - ROUTE C7		
TITLE		
ROUTE C7		
DETAILED LAYOUT SHEET 1 OF 04		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
6-QX141.00	6-QX141-WSP-01-C7-DR	C415
		REVISION
		C