

- GENERAL NOTES:**
1. CONTRACTOR TO SUPPLY, FABRICATE AND INSTALL NEW QLDC STANDARD BUS SHELTER WITH SKI RACK ACCESSORY FROM ARA SHELTERS & STRUCTURES OR EQUIVALENT
  2. REFER TO DRAWINGS [C04] FOR BUS SHELTER DETAILS AND SPECIFICATIONS, [C05] FOR BUS SHELTER HARDSTAND SLAB STANDARD DETAILS AND [C05] FOR BIKE RACK DETAILS
  3. ALL CONSTRUCTION ELEMENTS ARE TO BE IN ACCORDANCE WITH QLDC STANDARD DETAILS. REFER TO LIST ABOVE.
  4. ALL TRAFFIC SIGNS AND ROAD MARKINGS TO BE IN ACCORDANCE WITH MOTSAM.
  5. REMOVAL OF REDUNDANT LINE MARKING TO BE CARRIED OUT VIA SANDBLASTING IN ACCORDANCE WITH TNZ P/12:2000.
  6. EXISTING SOUTHERN BUS STOP LINE TO REMAIN. SET OUT DIMENSIONS ARE PROVIDED FROM THIS POINT ON SITE PLAN.

**LEGEND:**

- 100mm MINIMUM TOPSOIL AND HYDROSEED IN ACCORDANCE WITH SECTION 7.4 OF THE QLDC COP
- NEW CONCRETE HARDSTAND
- NEW AC FOOTPATH
- LEGAL BOUNDARY

REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY PLANS ISSUED	R.GILL	2021-07-19
B	DETAILED DESIGN	R.GILL	2021-10-11

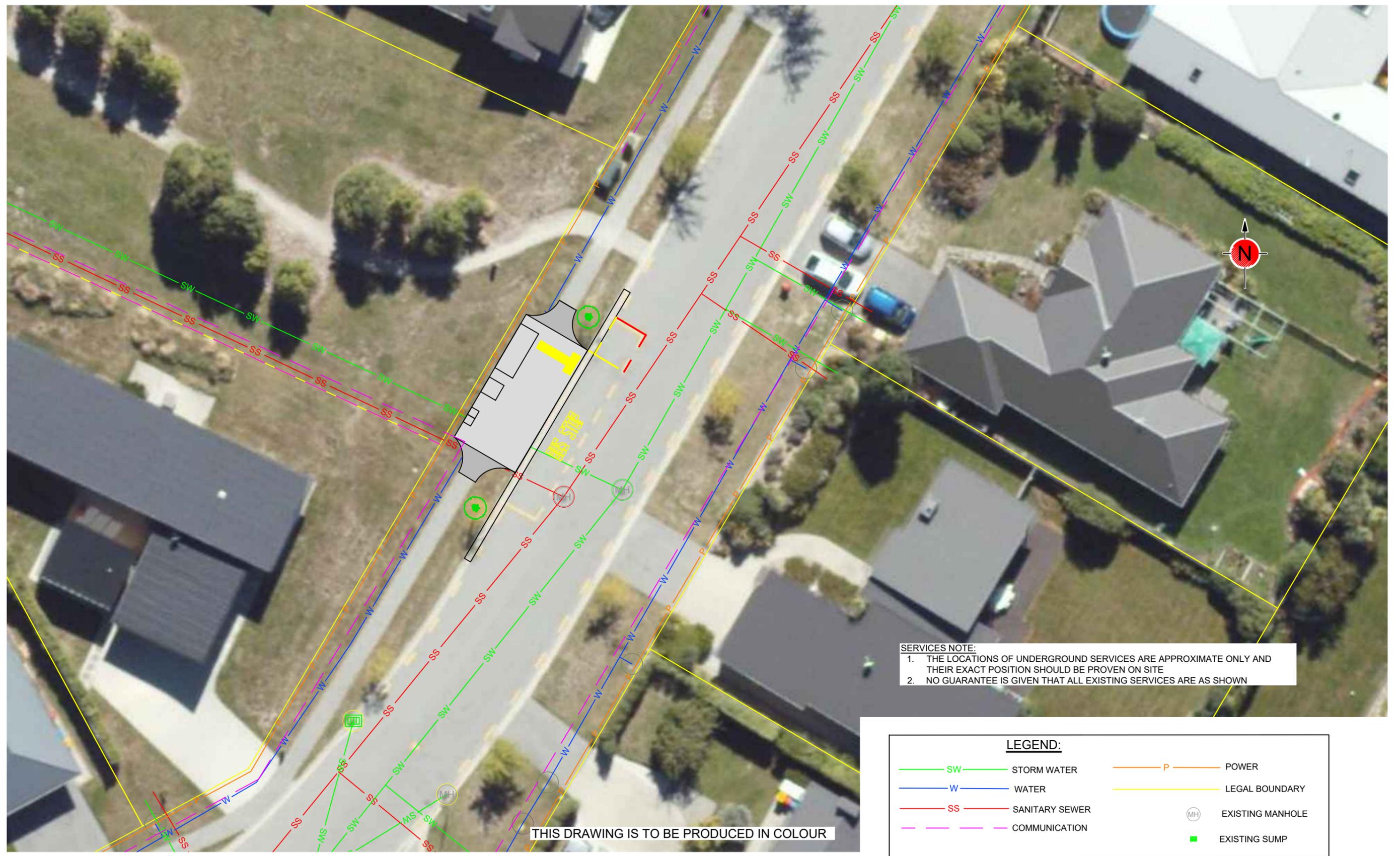


CIVIL

SCALES	DESIGNED	APPROVED	ORIGINAL SIZE
1:250	R.WOOTTON	R.GILL	A3
DRAWN	DESIGNED	APPROVED	
L.DENNIS	R.WOOTTON	R.GILL	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
J.L.BOYDE	K.DUGAN	2021-07-19	

DETAILED DESIGN

PROJECT		SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL ONSLOW ROAD, LAKE HAYES ESTATE, QUEENSTOWN ORBUS BUS STOP AND HARDSTAND		C01	B
TITLE			
ONSLOW ROAD LAYOUT PLAN			
WSP PROJECT NO. (SUB-PROJECT)			
6-XQ158.00			



**SERVICES NOTE:**  
 1. THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE  
 2. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE AS SHOWN

**LEGEND:**

	SW	STORM WATER		P	POWER
	W	WATER			LEGAL BOUNDARY
	SS	SANITARY SEWER		MH	EXISTING MANHOLE
		COMMUNICATION			EXISTING SUMP

THIS DRAWING IS TO BE PRODUCED IN COLOUR

1:250 AT A3 m

REVISION	AMENDMENT	APPROVED	DATE
A	PRELIMINARY PLANS ISSUED	R.GILL	2021-07-19
B	DETAILED DESIGN	R.GILL	2021-10-11



**wsp**  
 Invercargill Office  
 +64 3 211 3580  
 PO Box 647  
 Invercargill 9840  
 New Zealand

CIVIL

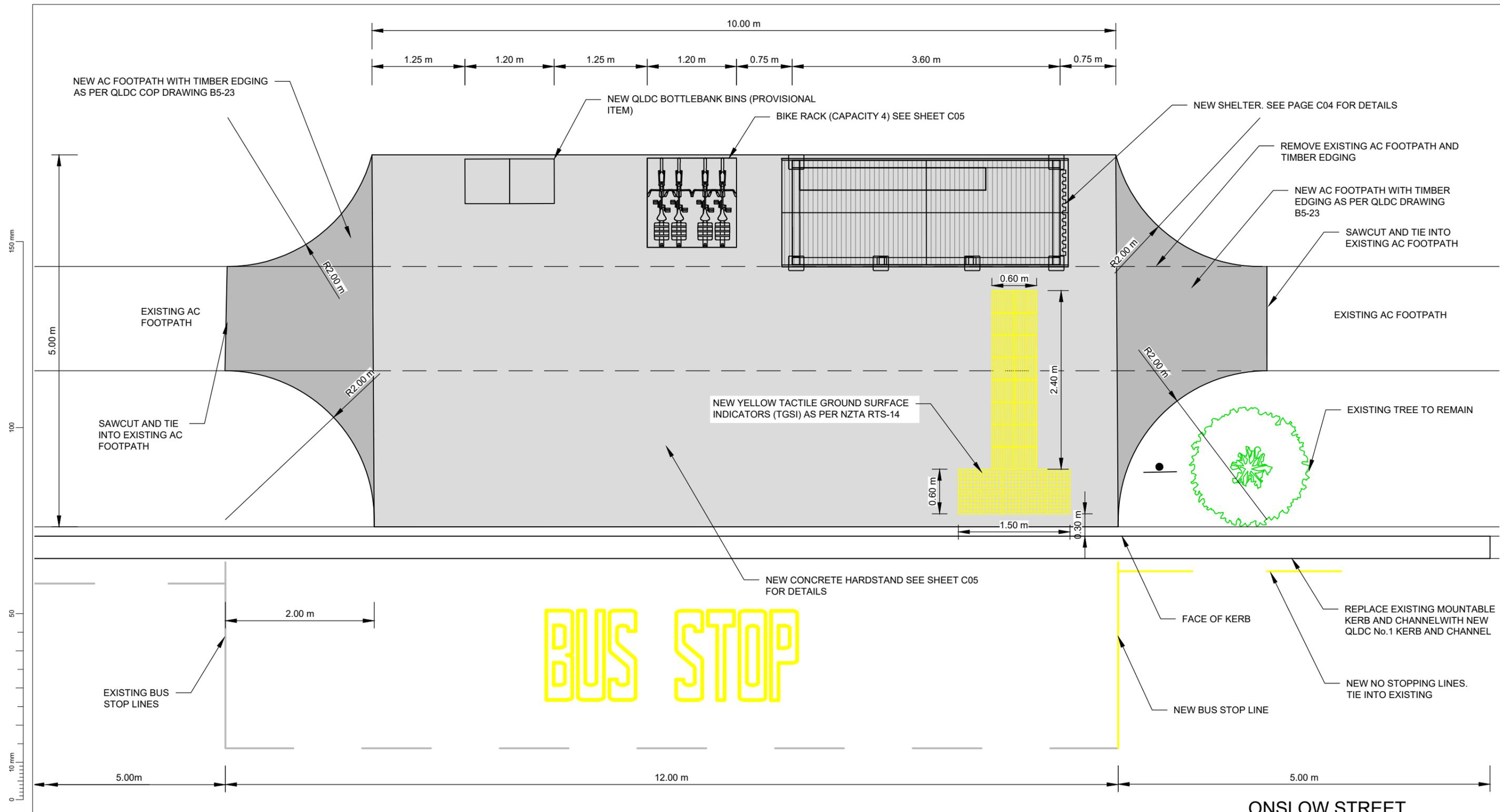
SCALES		ORIGINAL SIZE
1:250		A3
DRAWN	DESIGNED	APPROVED
L.DENNIS	R.WOOTTON	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
J.L.BOYDE	K.DUGAN	2021-07-19

DETAILED DESIGN

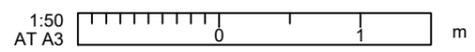
PROJECT  
 QUEENSTOWN LAKES DISTRICT COUNCIL  
 ONSLOW ROAD, LAKE HAYES ESTATE, QUEENSTOWN  
 ORBUS BUS STOP AND HARDSTAND

TITLE  
 ONSLOW ROAD SERVICES PLAN

WSP PROJECT NO. (SUB-PROJECT) 6-XQ158.00	SHEET NO. C02	REVISION B
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THIS DRAWING IS TO BE PRODUCED IN COLOUR

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B	DETAILED DESIGN	R.GILL	2021-10-11

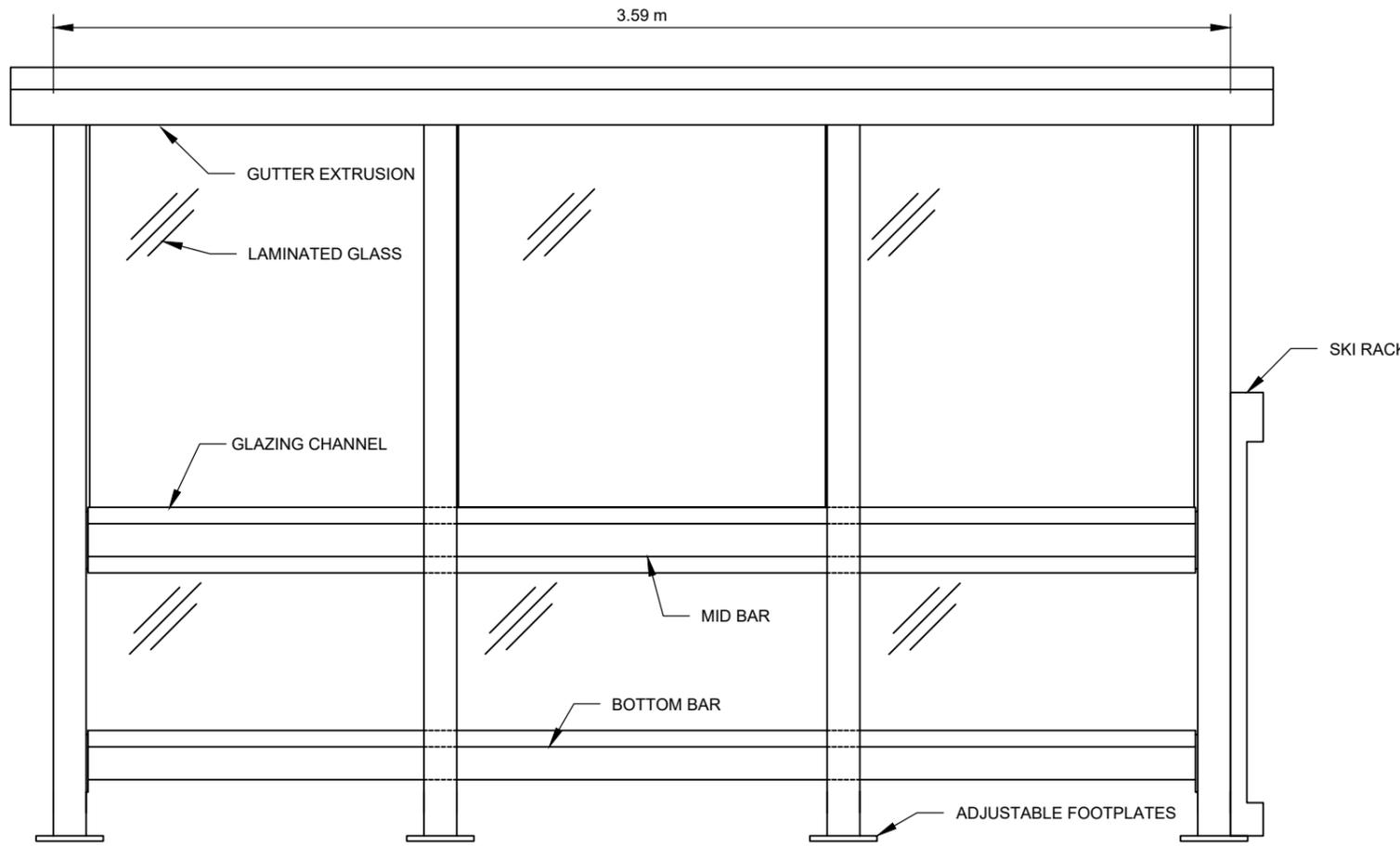


CIVIL

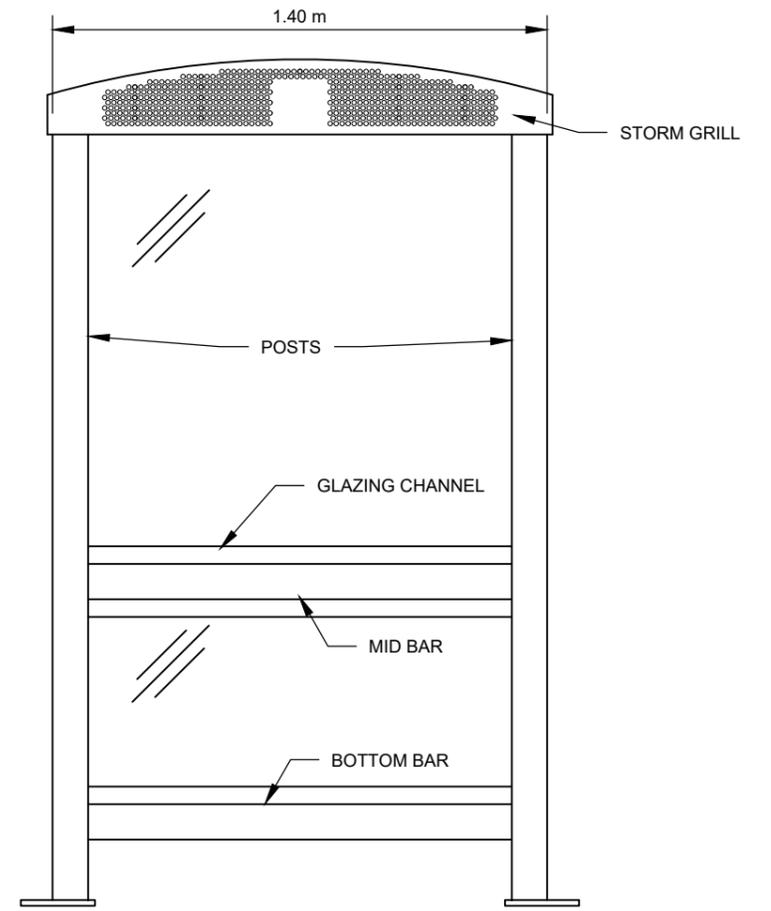
SCALES		ORIGINAL SIZE
1:50 @ A3		A3
DRAWN	DESIGNED	APPROVED
L.DENNIS	R.WOOTTON	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
J.L.BOYDE	K.DUGAN	2021-07-19

DETAILED DESIGN

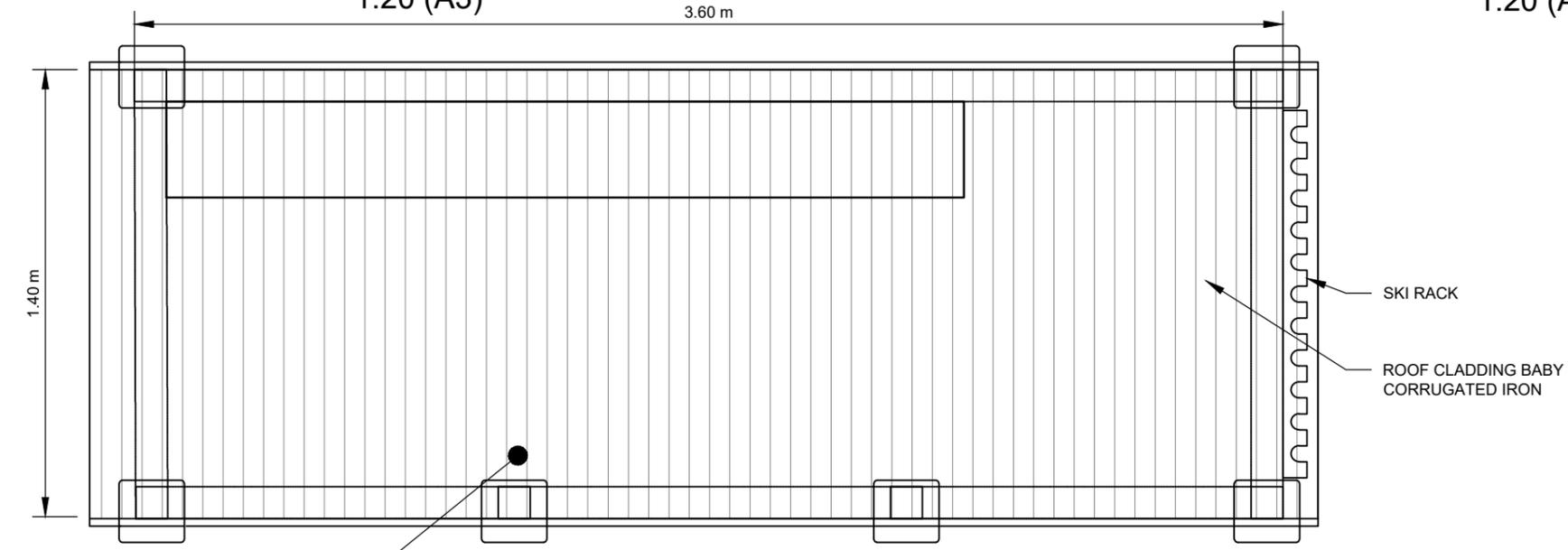
PROJECT		SHEET NO.	REVISION
QUEENSTOWN LAKES DISTRICT COUNCIL ONSLow ROAD, LAKE HAYES ESTATE, QUEENSTOWN ORBUS BUS STOP AND HARDSTAND		C03	B
TITLE			
ONSLow ROAD NEW HARDSTAND DETAILS			
WSP PROJECT NO. (SUB-PROJECT)			
6-XQ158.00			



**ROLLED ROOF SHELTER - FRONT ELEVATION**  
1:20 (A3)



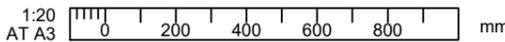
**ROLLED ROOF SHELTER - SIDE ELEVATION**  
1:20 (A3)



**ROLLED ROOF SHELTER - PLAN**  
1:20 (A3)

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- BUS SHELTER NOTES:**
1. FIXING DETAILS AS PER MANUFACTURERS INSTRUCTION.
  2. CONTRACTOR TO ALLOW FOR ACCESS TO STORAGE LOCATION, ASSEMBLY, DELIVERY AND INSTALLATION ON SITE.
  3. CONTRACTOR TO ALLOW FOR LIAISON WITH SUPPLIERS.
  4. CONTRACTOR TO ALLOW FOR INSTRUCTION INFO AND DEMO ASSEMBLY SESSION WITH VENDOR ON SITE.



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**wsp**  
Invercargill Office  
+64 3 211 3580  
PO Box 647  
Invercargill 9840  
New Zealand

CIVIL

SCALES	DESIGNED	APPROVED
1:20 @A3	R.WOOTTON	R.GILL
DRAWN	DESIGNED	APPROVED
L.DENNIS	R.WOOTTON	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
J.L.BOYDE	K.DUGAN	2021-07-19

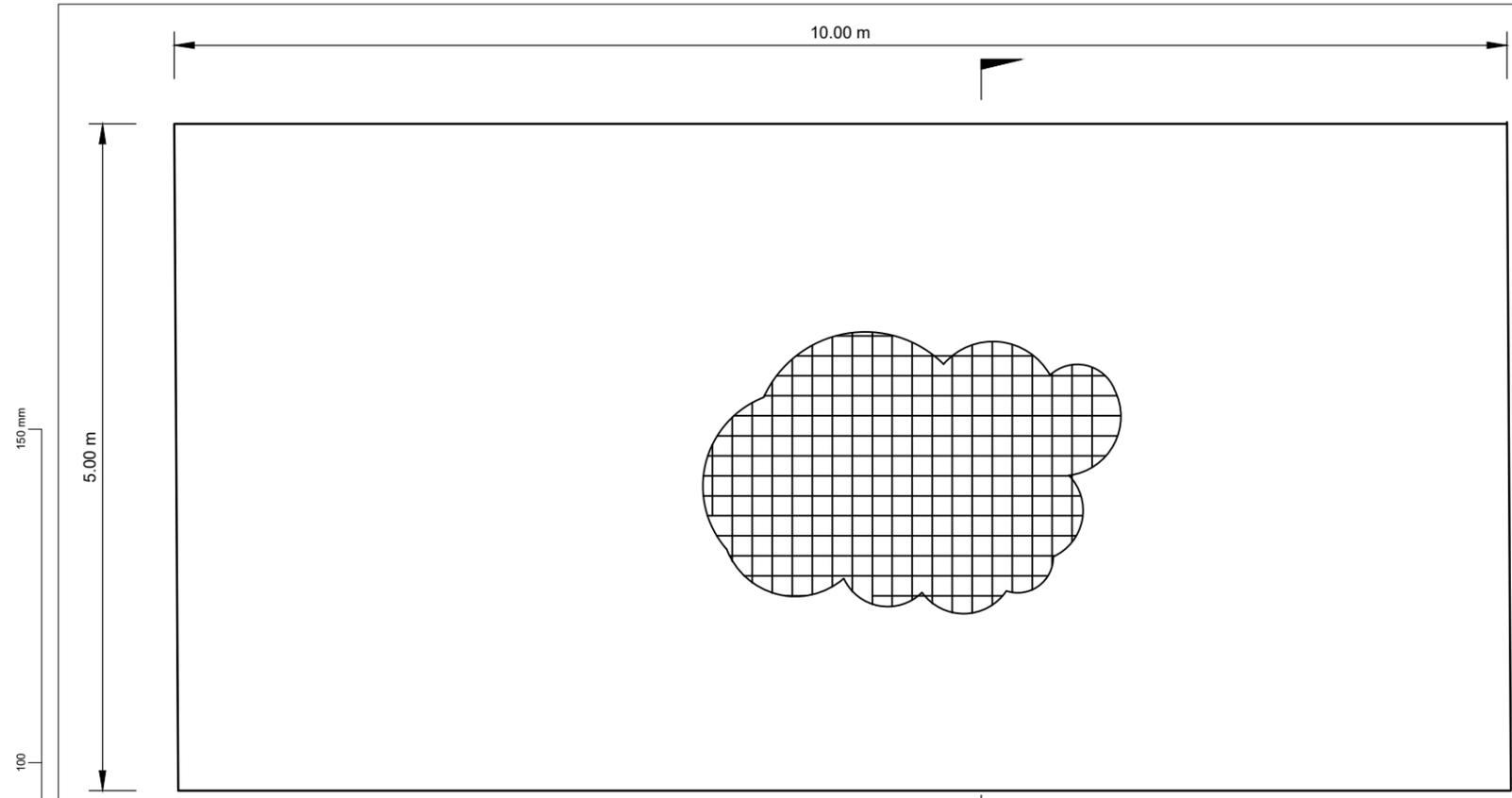
DETAILED DESIGN

PROJECT  
QUEENSTOWN LAKES DISTRICT COUNCIL  
ONSLow ROAD, LAKE HAYES ESTATE, QUEENSTOWN  
ORBUS BUS STOP AND HARDSTAND

TITLE  
ONSLow ROAD  
SHELTER DETAILS

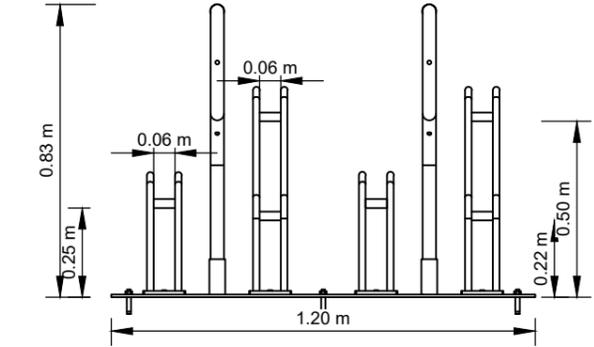
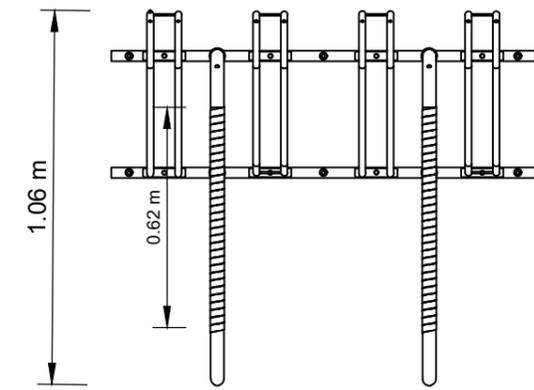
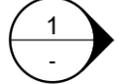
WSP PROJECT NO. (SUB-PROJECT)  
6-QX158.00

SHEET NO.  
C04  
REVISION  
B

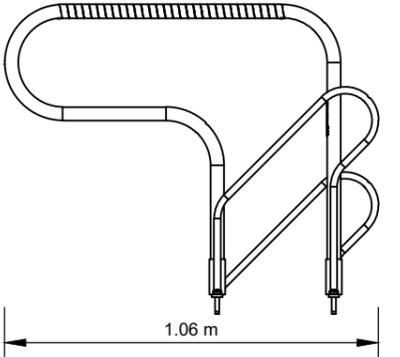
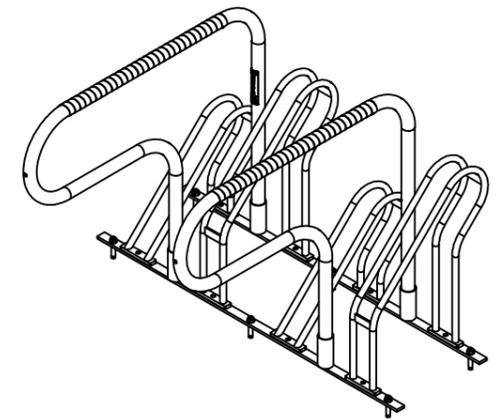


BACK OF NEW KERB

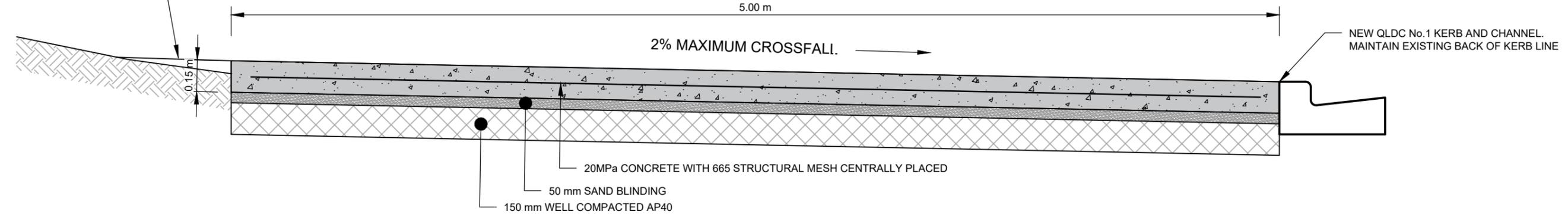
**HARDSTAND - PLAN**  
Scale: 1:50 (A3)



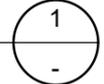
**BIKE RACK (4 BICYCLE CAPACITY)**  
Scale: 1:20 (A3)



TIE INTO EXISTING GROUND, TOPSOIL AND GRASS



**CROSSFALL INDICATION**  
Scale: 1:20 (A3)



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**HARDSTAND NOTES:**

- ENSURE BASE IS SUFFICIENTLY COMPACTED. APPLY BASECOUSE IF NECESSARY.
- ALL CONCRETE TO BE 20MPA AND ALLOWED TO CURE FOR MIN 7-DAYS.

**BIKE RACK NOTES:**

- VENDOR SUPPLIED UNIT; LEDA CBR4SC FULLY ASSEMBLED.
- FIXING DETAILS AS PER MANUFACTURERS INSTRUCTION.



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CIVIL

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AS SHOWN		A3
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L.DENNIS	R.WOOTTON	R.GILL
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
J.L.BOYDE	K.DUGAN	2021-07-19

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QUEENSTOWN LAKES DISTRICT COUNCIL ONSLow ROAD, LAKE HAYES ESTATE, QUEENSTOWN ORBUS BUS STOP AND HARDSTAND	ONSLow ROAD HARDSTAND AND BIKE RACK DETAILS	6-XQ158.00	C05	B