

Project Name:	Scragh Bog Boardwalk, Ballynagall, Co. Westmeath	MALACHI CULLEN CONSULTING ENGINEERS LTD
Document:	Schedule of Construction Materials	
MCCE Project Reference:	25-051	
Date of Document:	13 February 2026	

	Reference	Member Description	Material	Breath (mm)	Width (mm)
Boardwalk Standard (1.5m Clear Wide as Standard)	P1	Pile	Oak, Untreated, Rough Sawn	175	175
	B1	Bearer	Douglas Fir, Treated, Rough Sawn, Kiln Dried	150	75
	J1	Joist	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	50
	BR1	Bridging	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	50
	D1	Deckboards	Douglas Fir, Treated, Dressed, Kiln Dried	145	45
	GR1	Guardrail Foot Level - Kick Rail	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	RS1	Guardrail Support Block	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	DS1	Deck Fixing Screws / Coach Bolts w. Washer	8 No Screws per Deckboard		
Fixings to be Discussed Prior to Installation	BP1	Bolts - Bearer to Post - M12 (incl joist-to-joist))	Bearer Post Bolts Stainless Steel	12 dia	-
	W1	Washers - M14	Stainless Steel, 15mm Thickness	14mm Inner Dia	75mm Outer Dia
	W2	Washers - M14	Stainless Steel, 4mm Thickness	14mm Inner Dia	Standard
	JP1	Bolts - Joist to Post - M12	Joist Post Bolts Stainless Steel	12 dia	-
	W1	Washers - M14	Stainless Steel, 15mm Thickness	14mm Inner Dia	75mm Outer Dia
	W2	Washers - M14	Stainless Steel, 4mm Thickness	14mm Inner Dia	Standard

	Reference	Member Description	Material	Breath (mm)	Width (mm)
Boardwalk Crossing 2 No. (15m & 10m : 2m Wide)	P2	Pile (through Boardwalk for Rail)	Oak, Untreated, Rough Sawn	175	175
	B1	Bearer	Douglas Fir, Treated, Rough Sawn, Kiln Dried	150	75
	J1	Joist	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	50
	BR1	Bridging (Cut to Suit On-Site)	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	50
	D1	Deckboards	Douglas Fir, Treated, Dressed, Kiln Dried	150	45
	H1	Handrail	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	MR1	Mid-Rail	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	GR1	Guardrail Foot Level - Kick Rail	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	RS1	Guardrail Support Block	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	DT1	Diagonal Tie	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	75
	DS1	Deck Fixing Screws / Coach Bolts	12 No Screws per Deckboard		
	BP1	Bolts - Bearer to Post - M12	Bearer Post Bolts Stainless Steel	12 dia	-
Fixings to be Discussed Prior to Installation	W1	Washers - M12	Stainless Steel, 15mm Thickness	14mm Inner Dia	75mm Outer Dia
	W2	Washers - M14	Stainless Steel, 4mm Thickness	14mm Inner Dia	Standard
	JP1	Bolts - Joist to Post - M12	Joist Post Bolts Stainless Steel	12 dia	-
	W1	Washers - M12	Stainless Steel, 15mm Thickness	14mm Inner Dia	75mm Outer Dia
	W2	Washers - M14	Stainless Steel, 4mm Thickness	14mm Inner Dia	Standard

	Reference	Member Description	Material	Breath (mm)	Width (mm)
3 No. Passing Points Including 2 No. Benches (3m Length x 2m Wide)	P1	Pile	Oak, Untreated, Rough Sawn	175	175
	P2	Pile (through Boardwalk for Bench)	Oak, Untreated, Rough Sawn	175	175
	B1	Bearer	Douglas Fir, Treated, Rough Sawn, Kiln Dried	150	75
	J1	Joist	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	50
	BR1	Bridging	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	50
	D1	Deckboards	Douglas Fir, Treated, Dressed, Kiln Dried	150	45
	GR1	Guardrail Foot Level - Kick Rail	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	RS1	Guardrail Support Block	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	S1	Seat / Bench	Douglas Fir, Treated, Dressed, Kiln Dried	220	100
	SB1	Back Support Bracket	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	SR1	Seat Back Rest	Douglas Fir, Treated, Dressed, Kiln Dried	220	75
	DT1	Diagonal Tie	Douglas Fir, Treated, Rough Sawn, Kiln Dried	225	75
	DS1	Deck Fixing Screws / Coach Bolts	12 No Screws per Deckboard		
Fixings to be Discussed Prior to Installation	BP1	Bolts - Bearer to Post - M12	Bearer Post Bolts Stainless Steel	12 dia	-
	W1	Washers - M12	Stainless Steel, 15mm Thickness	14mm Inner Dia	75mm Outer Dia
	W2	Washers - M14	Stainless Steel, 4mm Thickness	14mm Inner Dia	Standard
	JP1	Bolts - Joist to Post - M12	Joist Post Bolts Stainless Steel	12 dia	-
	W1	Washers - M12	Stainless Steel, 15mm Thickness	14mm Inner Dia	75mm Outer Dia
	W2	Washers - M14	Stainless Steel, 4mm Thickness	14mm Inner Dia	Standard

	Reference	Member Description	Material	Breath (mm)	Width (mm)
Bench on Gravel Path 2 No. (1.875m Length x 0.220m Width)	P3	Posts in Gravel	Oak, Untreated, Rough Sawn	175	175
	S1	Seat / Bench	Douglas Fir, Treated, Dressed, Kiln Dried	220	100
	SB1	Back Support Bracket	Douglas Fir, Treated, Dressed, Kiln Dried	100	75
	SR1	Seat Back Rest	Douglas Fir, Treated, Dressed, Kiln Dried	220	75
Fixings to be Discussed Prior to Installation					

Fixings & Finishes	Reference	Item Description	Material	Breath (mm)	Width (mm)
To be Discussed Prior to Installation	AS1	Anti-Slip Decking Strips (or Linear Metres for a Roll)	Anti-Slip Decking Strips Fixed to Boards	90	Min 2mm Tk
	SP1	Signage Posts	Galvanised Steel Posts	50	3mm Wall Tk
	PC1	Paint for Ends Cut On-Site	Paint for Ends Cut On-Site		

NOTES:
This is not a Bill of Quantities, this is a Schedule and Description of Materials.
All Timber to have Forestry Stewardship Council Certification.
ALL WORKS SHOWN ON THE TENDER DRAWINGS AND SPECIFICATIONS MUST BE CARRIED OUT IN FULL. THIS IS A DRAWING AND SPECIFICATION PUBLIC WORKS CONTRACT AND THE TENDERER SHALL MEASURE ALL WORKS NOTED ON THE DRAWINGS AND SPECIFICATION AND APPLY THE APPROPRIATE RATES WHEN PREPARING THE TENDER SUBMISSION