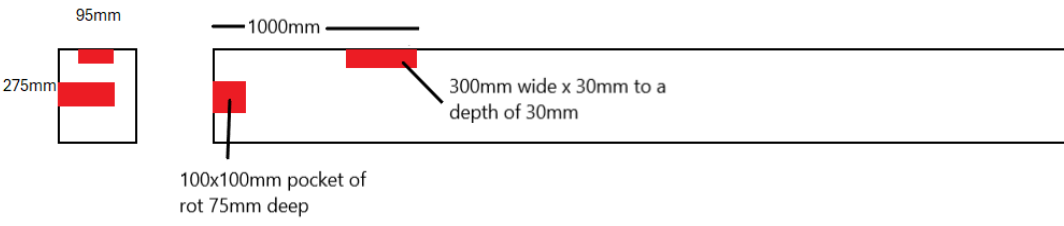
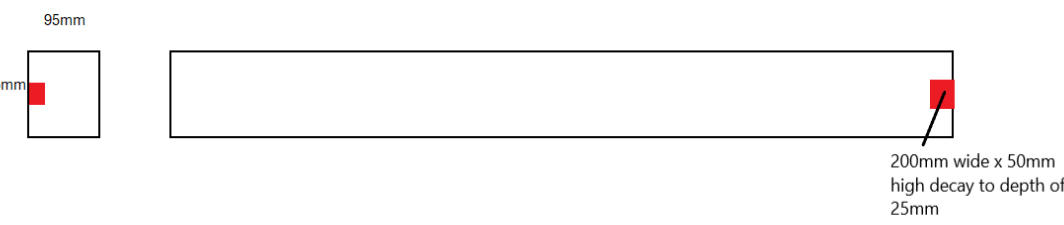
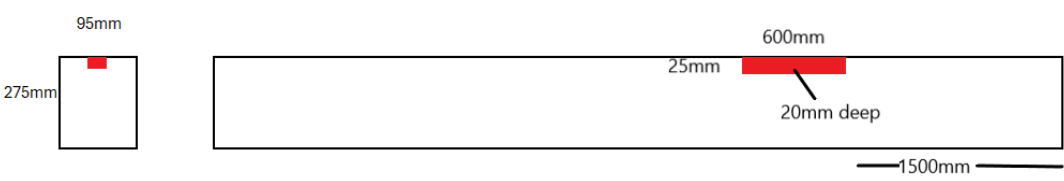
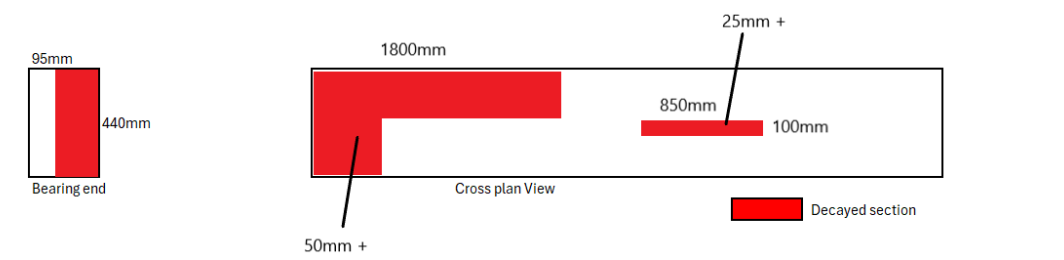
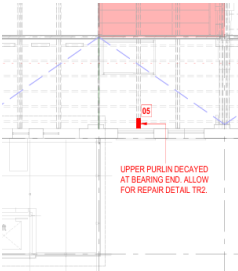
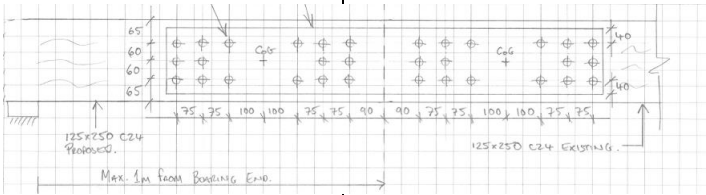
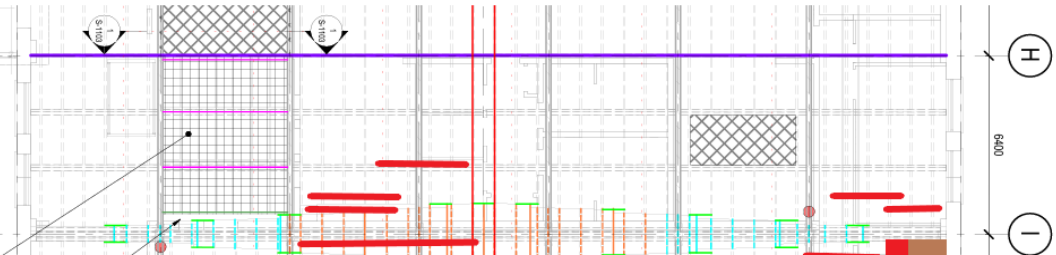
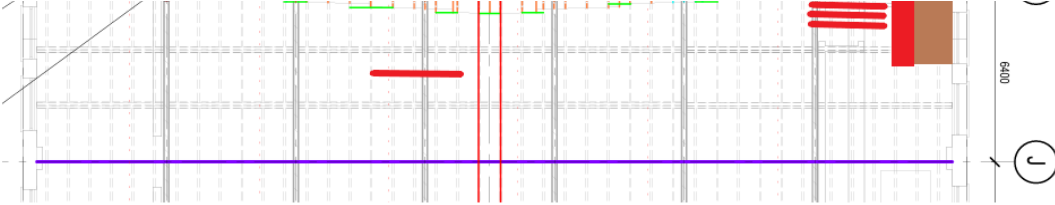


Location/Beam	Dimensions	Decay viewed from bearing side	Cross plan view	Photographs		Confirmed agreed repairs with Structural engineer comment in bold
I/VB/1 Bearing end to beam onto VB3 and at mid section				Decay to both bearing end onto the first truss the full depth of the beam, A patch of decay at mid-span 800mm wide x 150mm high to a depth of 60mm. Previous scarf repair 30-40mm deep	 	Recommendations Fully renew the beam with treated timber in two sections 95x175/265mm C24 Douglas fir timber Buro Happold Comment Agreed with beam replacement in email dated 2-12-2024
I/VB/2 Bearing end opposite VB4				Rot to the top corner of the beam opposite VB4. The decay 200mm wide x 175mm in height to a depth of 50mm	 	Recommendations Flitch beam plate repair as per drawings and calculation provided by WMI Consulting Buro Happold Comment Agree with repair in email dated 2-12-24
I/VB/3 Bearing end opposite VB1				Wet rot to bearing end opposite VB1. The decay affected 500mm of bearing end to depth of 40 to 50mm	 	Recommendations Flitch beam plate repair as per drawings and calculation provided by WMI Consulting Buro Happold Comment Agree with repair in email dated 2-12-24
I/VB/4 Bearing end opposite VB2 and full length of beam				Bearing ends opposite VB2 decay depth 50mm , Two metre section decay upper 125mm wide to a depth of 25 to 30mm with white poria growth to surface	 	Recommendations Fully renew the beam with treated timber in using 100x275mm C24 Douglas fir timber Buro Happold Comment Based on BH site inspection further analysis is o be conducted in email 2-12-2024. After investigations agreed with full beam replacement as per email dated 13-12-2024
I/VB/5 Bearing end opposite VB3 and full length of beam				Wet rot to the bearing end opposite VB 3 rot 30mm deep to section 800mmx125mm Further decay to a 3metres by 125mm to a depth between 25 to 30mm	 	Recommendations Fully renew the beam with treated timber in using 100x275mm C24 Douglas fir timber Buro Happold Comment Based on BH site inspection further analysis is o be conducted in email 2-12-2024. After investigations agreed with full beam replacement as per email dated 13-12-2024
I/VB/6 Bearing end opposite VB4				Wet rot to top corner of the beam 300mm wide x 100mm to depth of 20mm		Recommendations Defrass the beam end back to sound timber and treat with Probor 20 fungicide gel Buro Happold Comment Agree with repair as per standard noted as per email dated 2-12-2024

I/VB/7 Bearing end opposite VB5		Pocket of rot 75mm deep 100x100mm in section Further pocket of rot to top edge 30mm deep 300x30mm in section			Recommendations Flitch beam plate repair as per drawings and calculation provided by WMI Consulting Buro Happold Comment Agree with repair to encapsulate both repair location as per email 2-12-2024
I/VB/9 Bearing end opposite VB7					Recommendations De-frass the decay back to sound timber and splice a new section wedge shaped glue with Sikadur 31 EF 2 Part Epoxy Structural adhesive Buro Happold Comment Agree with repair as per standard noted as per email dated 2-12-2024
I/VB/12 Mid section of the beam		1500mm from bearing end 600mm wide patch of rot 25mm in height to depth of 20mm			Recommendations De-frass the decay back to sound timber and splice a new section wedge shaped glue with Sikadur 31 EF 2 Part Epoxy Structural adhesive Buro Happold Comment Agree with repair as per standard noted as per email dated 2-12-2024
I/VB/13 Full length of the beam		Rot to the inner face to the valley The first 2 metres from the external wall the decay 30 to 50mm to the upper 175mm of exposed beam. Superficial decay to the remaining 3 metres 10 to 15mm deep to upper 175mm of beam			Recommendations Fully renew the beam with treated timber in two sections 95x175/265mm C24 Douglas fir timber Buro Happold Comment Agree with replacement to be like for like as per email dated 2-12-2024
Purlin end Full length of the beam	 Decayed purlin end identified in previous reports between Gridlines H and I to elevation facing Power Ro. Confirm decayed to bearing within brickwork.		 WLM Purlin repair		Recommendations Currently fixed with 2 steel brackets, propose to cut decayed section out of brickwork and support on steel shoe resin bolted to brickwork. No repair required to timber Buro Happold Comment Agree with replacement BH to provide loads . Timber end in the wall to be cut and end Repair to be flitch plate/paated splice as per email dated 2-12-24. RPL designs provided approved in email dated 17-1-2025 from BH
Sarking board					 Recommendations Renew with Redwood 19x225mm boards

	 Hatch to be removed by others Areas of sarking board renewal	   BH Comment	<u>Robinsons to replace all decayed sarking boards like for like as per email dated 2-12-2024</u>
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