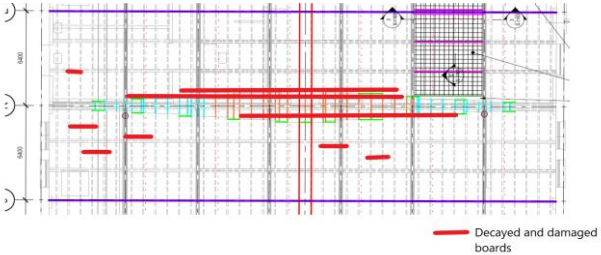


Location/Beam	Decayed sections	Photographs	Confirmed agreed repairs with Structural engineer comment in bold	
K/VB/1 Bearing end opposite VB3		Pocket of wet rot to the upper beam 500mm wide by 175mm 30mm deep	De-frass the decay back to sound timber and splice a new section wedge shaped glue with Sikadur 31 EF 2 Part Epoxy Structural adhesive Buro Happold Agree with repair as per standard notes email dated 2-12-2024	
K/VB/2 Bearing end opposite VB4		Pocket of wet rot to the upper beam 500mm wide by 175mm 30 to 50mm deep	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 Agree with repair as per standard notes email dated 2-12-2024	
K/VB/3 Bearing end opposite VB5		Wet rot to bearing end opposite VB. Pocket of decay 100mm x 300mm to depth of 20mm	Defrass the beam end back to sound timber and treat with Probor 20 fungicide gel Buro Happold Agree with repair as per standard notes email dated 2-12-2024	
K/VB/4 Bearing end opposite VB2 and mid section		Decay to bearing end 150mm wide to a depth of 30-40mm A further pocket of rot 1200mm to depth of 40mm deep	the decay is past the calculations for steel plate repair. Recommend fully renew the beam with C24 Douglas fir Buro Happold email from 2-12-2024 Recommended further analysis. This revealed beam decayed past above limits and RPL recommended beam replacement. Further investigation agreed with full beam replacement in email dated 13-12-24	

K/VB/5 Bearing end opposite VB3		Wet rot to 300mm wide 100mm in height to a depth of 20mm		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 Agreed with repair in email from 2-12-24 email
K/VB/6 Bearing end opposite VB4		Wet rot to 60mm deep to the 600 mm bearing end to 350mm bearing		Flitch beam plate repair as per drawings and calculation provided by WMI Consulting Buro Happold Agree with repair as per standard notes email dated 2-12-2024
K/VB/11 Bearing end opposite VB13		Pocket of wet rot 100x100mm to 20mm deep. Further wet rot poria to surface of beam		Defrass the beam end back to sound timber and treat with Probor 20 fungicide gel Buro Happold Agree with repair as per standard notes email dated 2-12-2024
K/VB/12 Bearing end opposite VB10		20mm deep pocket of wet rot 75x100mm in section		Defrass the beam end back to sound timber and treat with Probor 20 fungicide gel Buro Happold Agree with repair as per standard notes email dated 2-12-2024

Location/Beam	Decayed sections	Photographs		
Roof Boardings				Renew boarding with 19x225mm Douglas Fir at per agreed rates 95 emtres Buro Happold Replace all decayed boards like for like as per email dated 2-12-2024