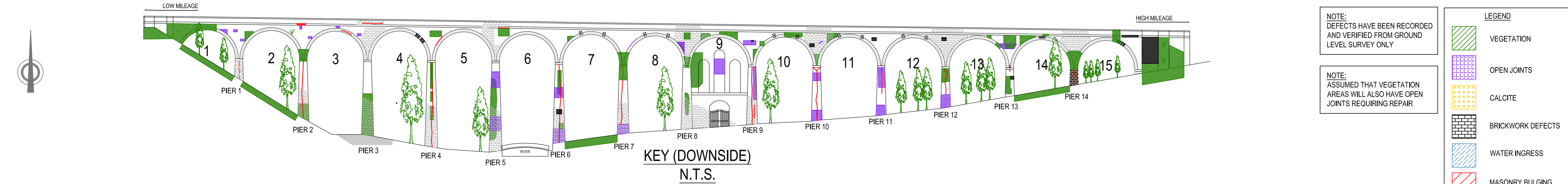


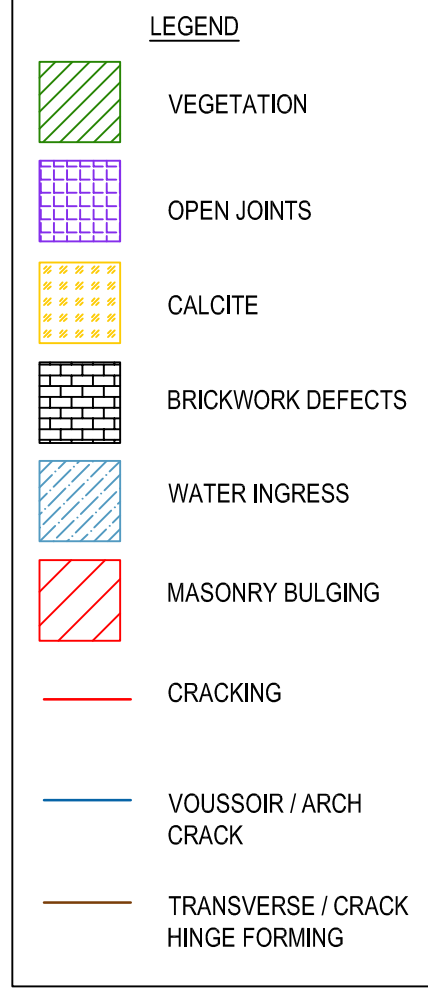
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© Capita Property and Infrastructure Ltd X:\078881 JMS CP5 Structures\Site Specific\01117 - CNB1 104 Chapel Milton Viaduct - 09\Drawings\01117-CAP-00-XX-DR-S-0001 C01.dwg



NOTE:  
DEFECTS HAVE BEEN RECORDED  
AND VERIFIED FROM GROUND  
LEVEL SURVEY ONLY

NOTE:  
ASSUMED THAT VEGETATION  
AREAS WILL ALSO HAVE OPEN  
JOINTS REQUIRING REPAIR



Site Address:  
Chapel Milton Viaduct  
SK23 0QQ

Notes:

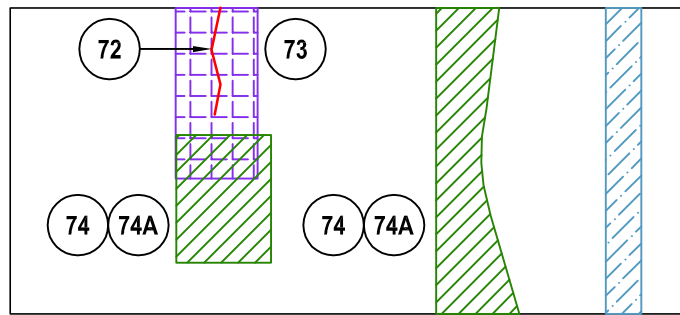
- Do not scale from this drawing.
- All dimensions in millimetres unless stated otherwise.
- This drawing is to be read in conjunction with all drawings and the specification.

List Of Scheme Drawings and Documents:

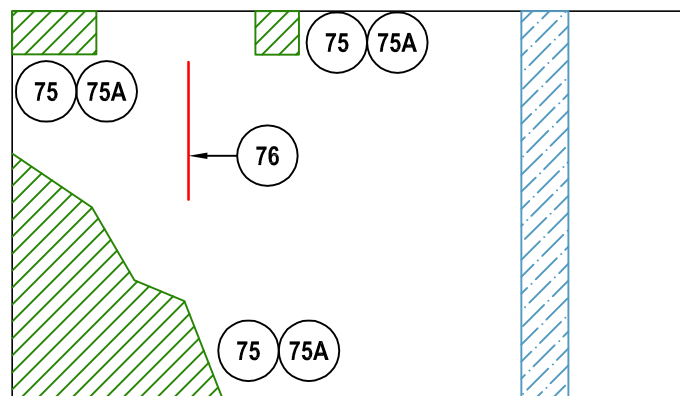
061117-CAP-00-XX-DR-S-0001 Defects Locations East Elevation Sheet 1 of 9  
061117-CAP-00-XX-DR-S-0002 Defects Locations West Elevation Sheet 2 of 9  
061117-CAP-00-XX-DR-S-0003 Defects Locations Piers and Arch Barrels Sheet 3 of 9  
061117-CAP-00-XX-DR-S-0004 Defects Locations Piers and Arch Barrels Sheet 4 of 9  
061117-CAP-00-XX-DR-S-0005 Defects Locations Piers and Arch Barrels Sheet 5 of 9  
061117-CAP-00-XX-DR-S-0006 Defects Locations Piers and Arch Barrels Sheet 6 of 9  
061117-CAP-00-XX-DR-S-0007 Defects Locations Piers and Arch Barrels Sheet 7 of 9  
061117-CAP-00-XX-DR-S-0008 Defects Locations Parapet Defects and Drainage Detail Sheet 8 of 9  
061117-CAP-00-XX-DR-S-0009 Location Plan Sheet 9 of 9

APPROVED FOR CONSTRUCTION	
SIGNED:	TITLE:
NAME:	DATE:
NETWORK RAIL ASSET ENGINEER	
SIGNED:	TITLE:
NAME:	DATE:
NETWORK RAIL	
SIGNED:	TITLE:
NAME:	DATE:
PRINCIPAL CONTRACTOR	
SIGNED: <i>Richard Jakeman</i>	TITLE: Project Engineer (CRE)
NAME: Richard Jakeman	DATE: 19/01/2017
PRINCIPAL DESIGNER	
SIGNED: <i>Stephen Pallett</i>	TITLE: C.R.E (CIVLS)
NAME: STEPHEN PALLETT	DATE: 16/12/2016

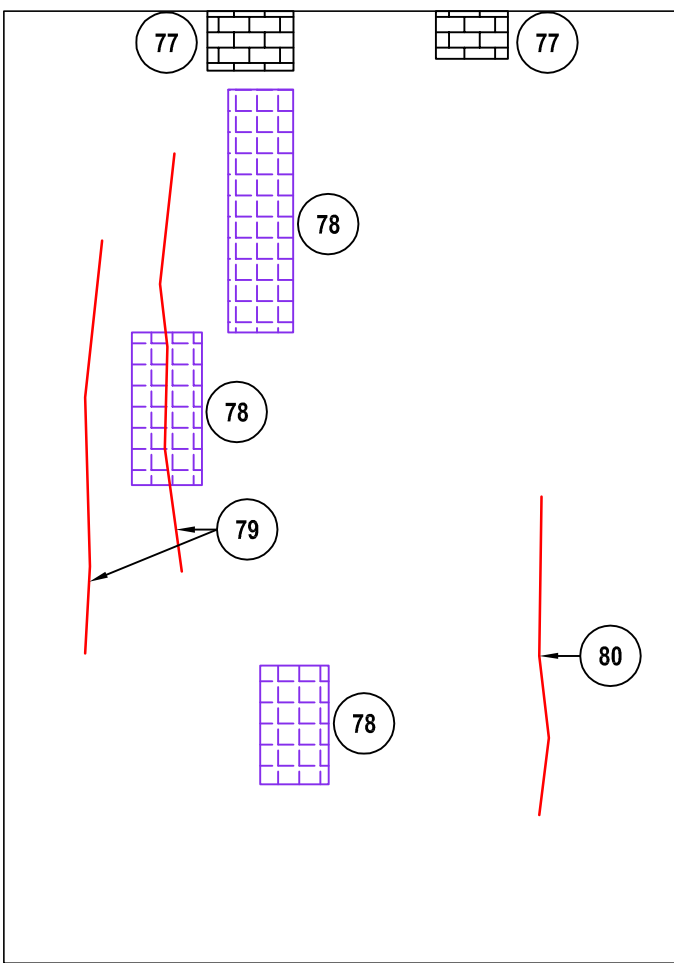
PIER 1.  
LOW MILEAGE



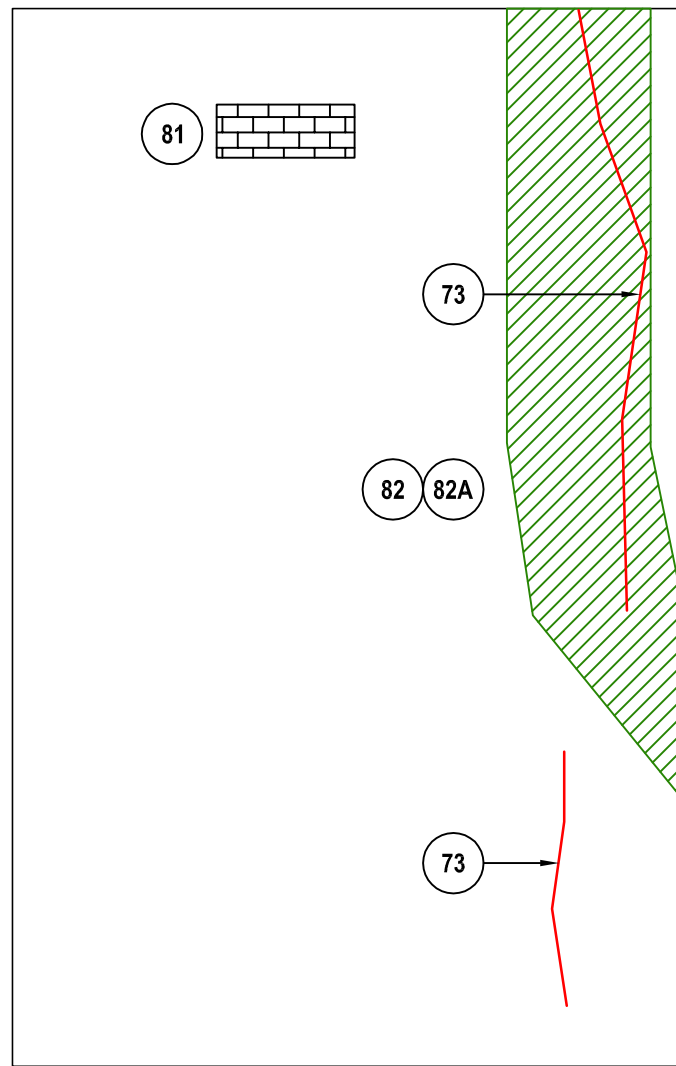
PIER 1.  
HIGH MILEAGE



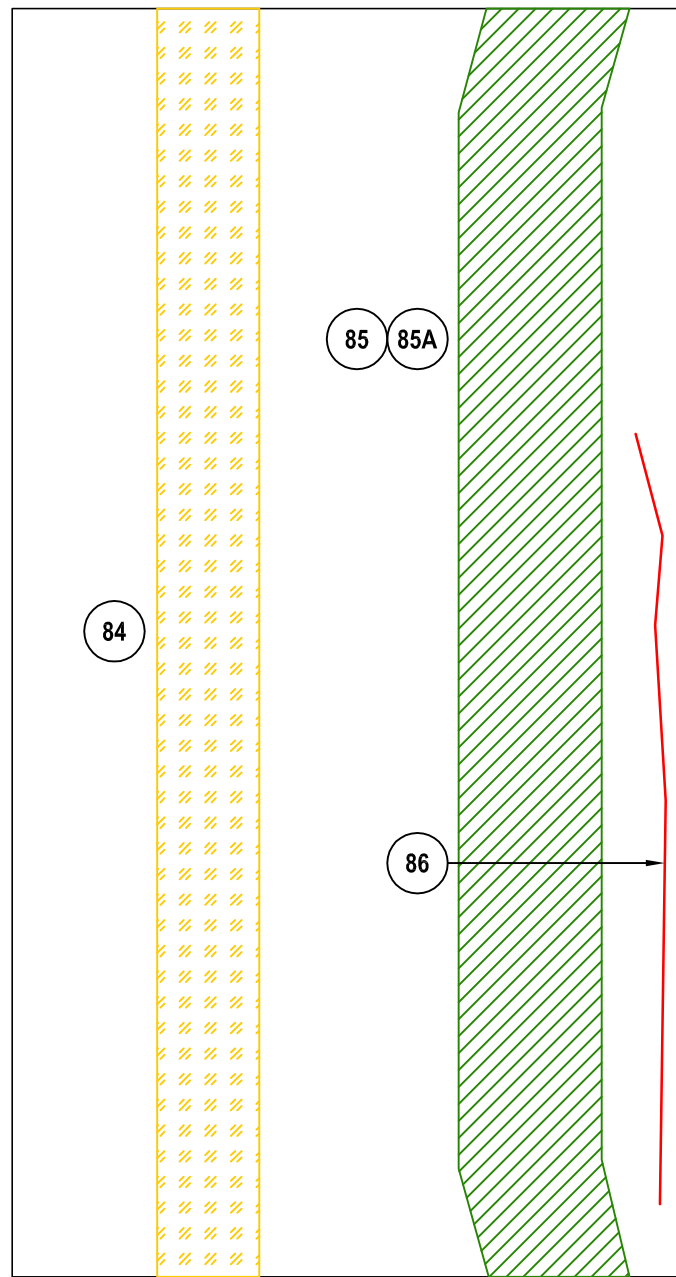
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LOW MILEAGE



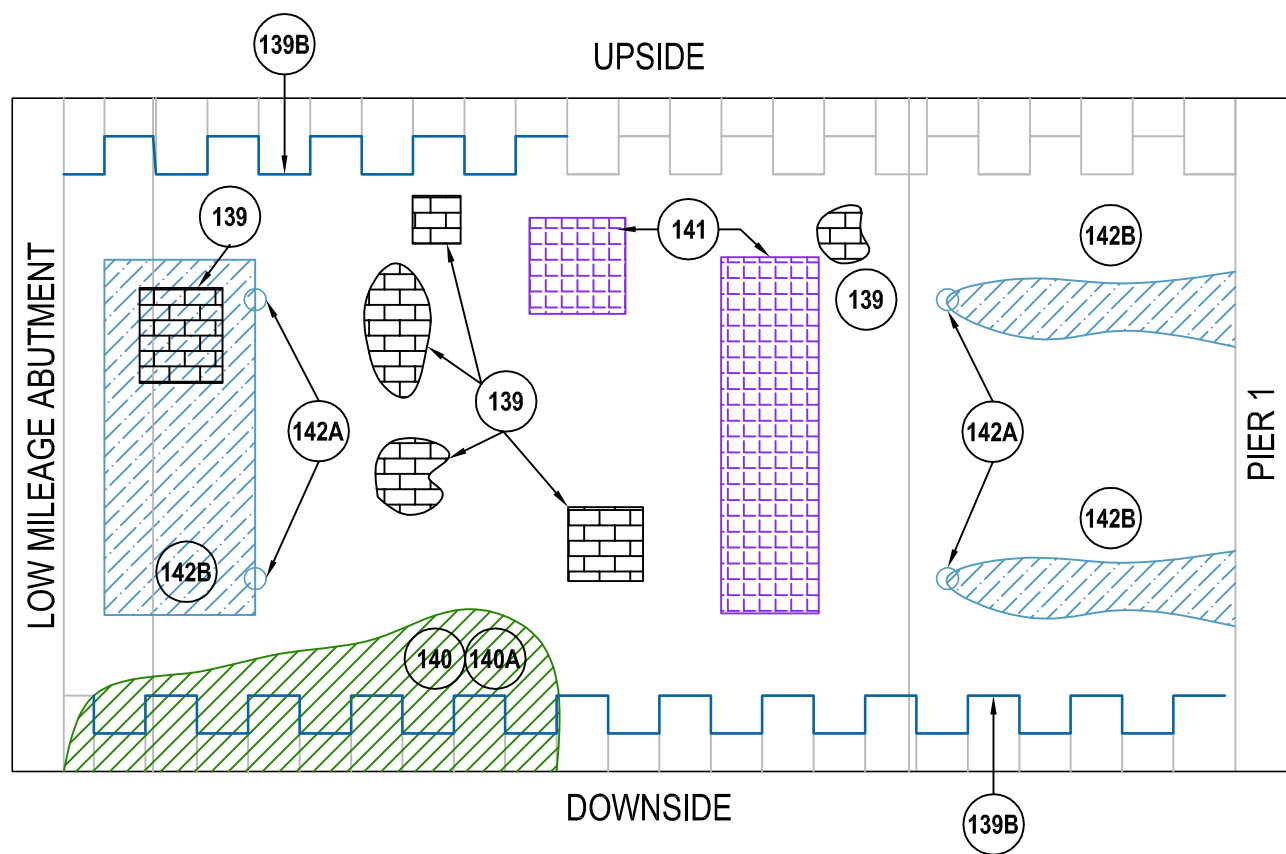
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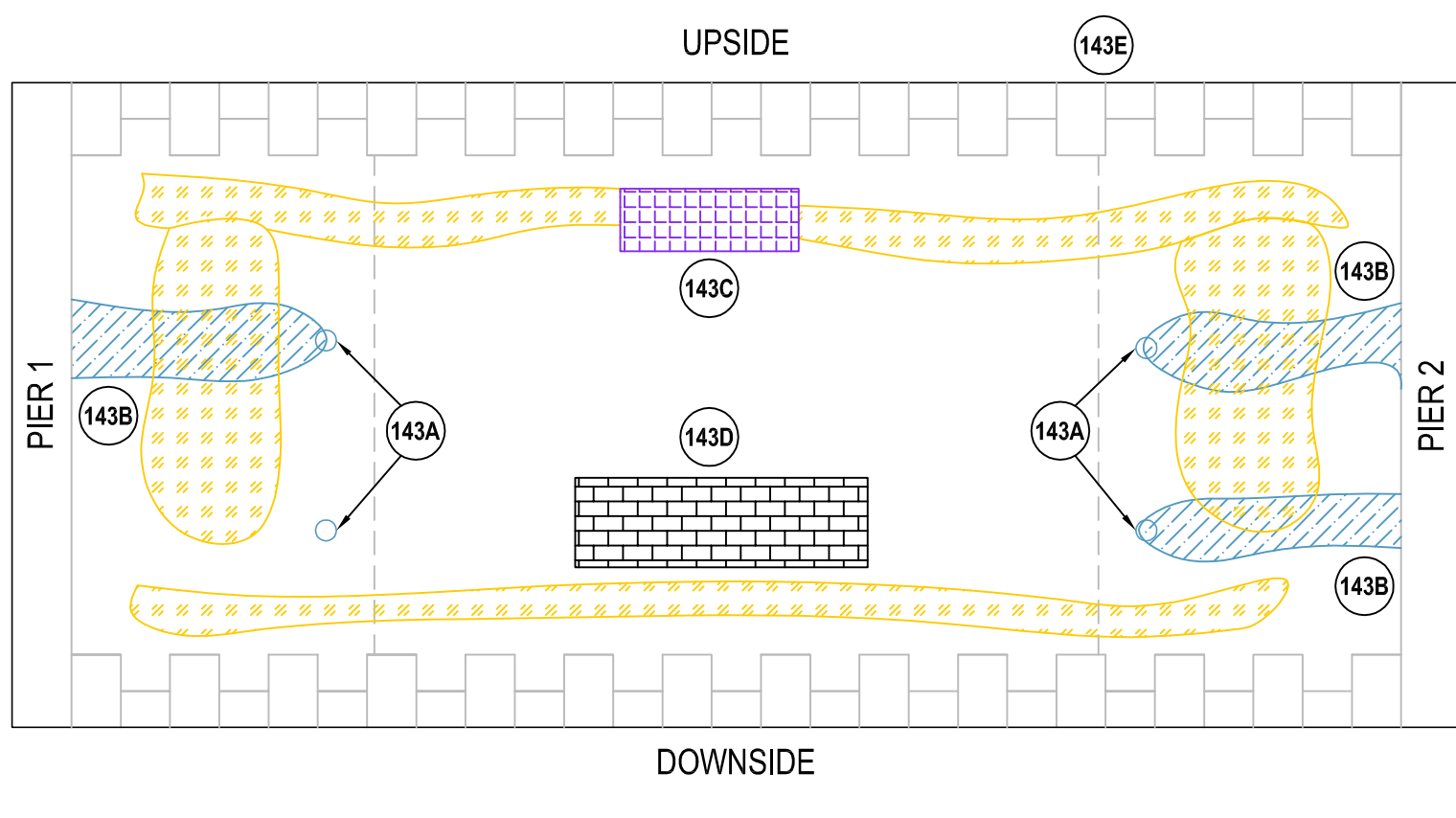
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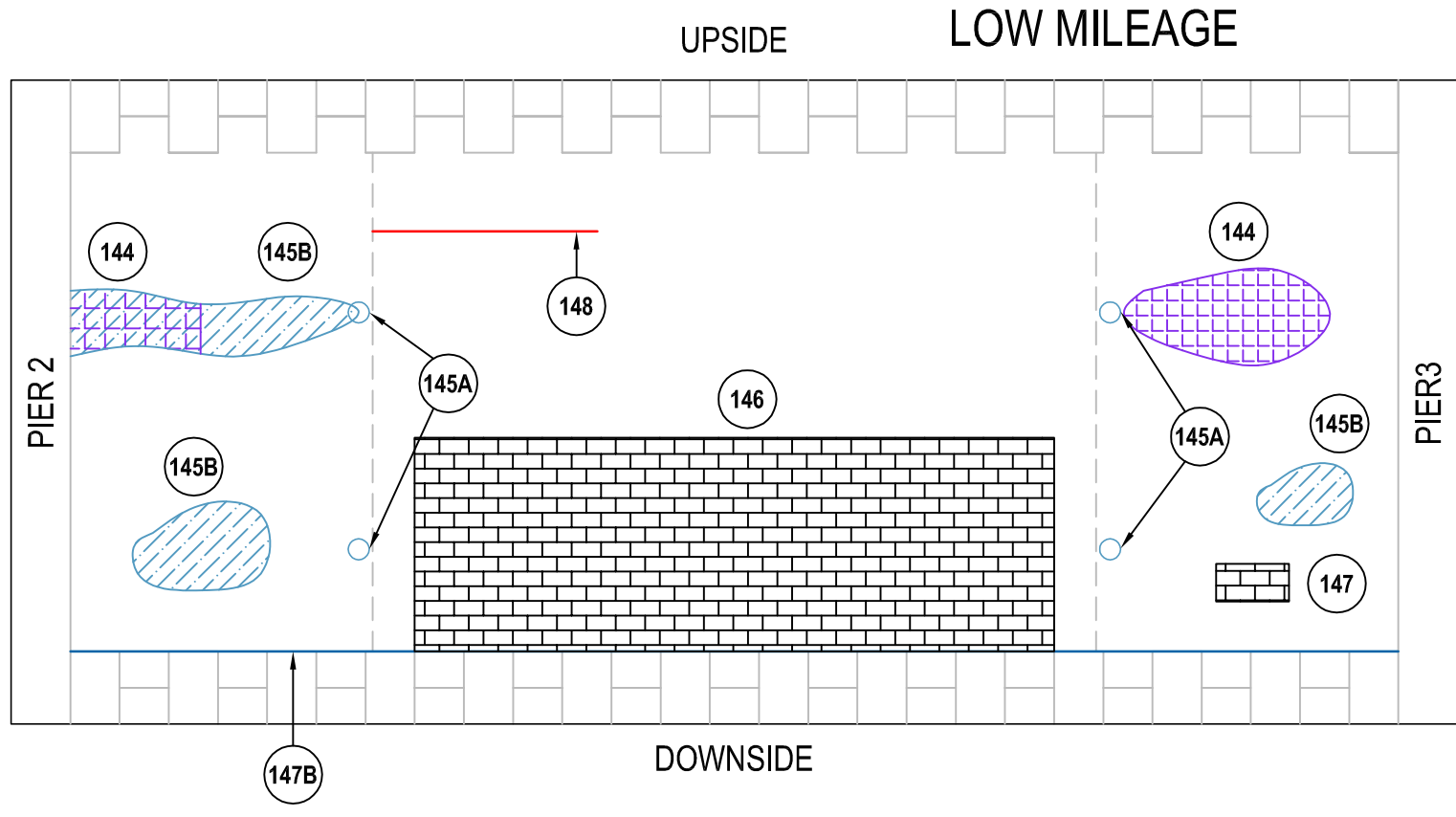
SPAN 1



SPAN 2





SPAN 3



DEVELOPED VIEWS ON ARCH BARRELS  
Scale 1:100

REF.	LOCATION	DEFECT	VALUE	PRIORITY	REPAIR	REPAIR REF.
72	PIER 1 LM	CRACK - 1 No.	1.45m	P1	STITCH REPAIR	NR/CIV/SD/109
73	PIER 1 LM	OPEN JOINTS - 1 AREA	2.44m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
74	PIER 1 LM	VEGETATION - 2 AREAS	5.2m <sup>2</sup>	P3	REMOVE AND POISON TO PREVENT REGROWTH	SEE SPEC
74A	PIER 1 LM	OPEN JOINTS - 2 AREAS	2.6m <sup>2</sup>	P3	RAKE OUT AND RE-POINT	SEE SPEC
75	PIER 1 HM	VEGETATION - 3 AREAS	6.42m <sup>2</sup>	P3	REMOVE AND POISON TO PREVENT REGROWTH	SEE SPEC
75A	PIER 1 HM	OPEN JOINTS - 3 AREAS	3.21m <sup>2</sup>	P3	RAKE OUT AND RE-POINT	SEE SPEC
76	PIER 1 HM	CRACK - 1 No.	1.82m	P1	STITCH REPAIR	NR/CIV/SD/109
77	PIER 2 LM	DEEP OPEN JOINTS/ LOOSE BLOCKS - 2 AREAS	1.5m <sup>2</sup>	P1	RE-CASE BRICKWORK	NR/CIV/SD/103
78	PIER 2 LM	OPEN JOINTS - 3 AREAS	6.06m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
79	PIER 2 LM	CRACK - 2 AREAS	11m	P1	STITCH REPAIR	NR/CIV/SD/109
80	PIER 2 LM	CRACK - 1 No.	5m	P1	STITCH REPAIR	NR/CIV/SD/109
81	PIER 2 HM	DEEP OPEN JOINTS/ LOOSE BLOCKS - 1 AREA	1.28m <sup>2</sup>	P1	RE-CASE BRICKWORK	NR/CIV/SD/115
82	PIER 2 HM	VEGETATION - 1 AREA	17.86m <sup>2</sup>	P3	REMOVE AND POISON TO PREVENT REGROWTH	SEE SPEC
82A	PIER 2 HM	OPEN JOINTS - 1 AREA	8.93m <sup>2</sup>	P3	RAKE OUT AND RE-POINT	SEE SPEC
83	PIER 2 HM	CRACK - 2 No.	1.00	P1	STITCH REPAIR	NR/CIV/SD/109
84	PIER 3 LM	WASHED OUT JOINTS OVER AREA - 1 AREA	8m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
85	PIER 3 LM	VEGETATION - 1 AREA	31.74m <sup>2</sup>	P3	REMOVE AND POISON TO PREVENT REGROWTH	SEE SPEC
85A	PIER 3 LM	OPEN JOINTS - 1 AREA	15.87m <sup>2</sup>	P3	RAKE OUT AND RE-POINT	SEE SPEC

REF.	LOCATION	DEFECT	VALUE	PRIORITY	REPAIR	REPAIR REF.
86	PIER 3 LM	CRACK - 1 No.	11m	P1	STITCH REPAIR	NR/CIV/SD/109
139	SPAN 1 ARCH	SPALLED BRICKS - 6 AREAS	5.07m <sup>2</sup>	P2	RE-CASE BRICKWORK	NR/CIV/SD/103
139B	SPAN 1 ARCH	VOUSSOIR/ARCH BARREL CRACK - 2 No.	22.16m	P1	STITCH STONE & REPAIR BRICKWORK IN ARCH	NR/CIV/SD/107
140	SPAN 1 ARCH	VEGETATION - 1 AREA	10.3m <sup>2</sup>	P3	REMOVE AND POISON TO PREVENT REGROWTH	SEE SPEC
140A	SPAN 1 ARCH	OPEN JOINTS - 1 AREA	5.15m <sup>2</sup>	P3	RAKE OUT AND RE-POINT	SEE SPEC
141	SPAN 1 ARCH	OPEN JOINTS - 2 AREAS	7.70m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
142A	SPAN 1 ARCH	DRAINS WASHING OUT MORTAR - 4 AREAS	4 No.	P1	ALTERATION TO DRAIN PIPE	SEE SPEC & MISC DETAIL
142B	SPAN 1 ARCH	DRAINS WASHING OUT MORTAR - 3 AREAS	14.68m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
143A	SPAN 2 ARCH	DRAINS WASHING OUT MORTAR - 3 AREAS	3 No.	P1	ALTERATION TO DRAIN PIPE	SEE SPEC & MISC DETAIL
143B	SPAN 2 ARCH	DRAINS WASHING OUT MORTAR - 3 AREAS	6.24m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
143C	SPAN 2 ARCH	OPEN JOINTS - 1 AREAS	7.12m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
143D	SPAN 2 ARCH	FLATTENING TO CROWN - 1 AREA	5m <sup>2</sup>	P1	FURTHER INSPECTION REQUIRED	-
143E	SPAN 2 ARCH	SPALLED BRICKS - 1 AREA	5m <sup>2</sup>	P2	RE-CASE BRICKWORK	NR/CIV/SD/103
144	SPAN 3 ARCH	OPEN JOINTS - 2 AREAS	14.12m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
145A	SPAN 3 ARCH	DRAINS WASHING OUT MORTAR - 4 AREAS	4 No.	P1	ALTERATION TO DRAIN PIPE	SEE SPEC & MISC DETAIL
145B	SPAN 3 ARCH	DRAINS WASHING OUT MORTAR - 3 AREAS	4.15m <sup>2</sup>	P2	RAKE OUT AND RE-POINT	SEE SPEC
146	SPAN 3 ARCH	FLATTENING TO CROWN - 1 AREA	26.12m <sup>2</sup>	P1	FURTHER INSPECTION REQUIRED	-
147	SPAN 3 ARCH	MISSING BRICKWORK - 1 AREA	1m <sup>2</sup>	P1	RE-CASE BRICKWORK	NR/CIV/SD/103
147B	SPAN 3 ARCH	VOUSSOIR/ARCH BARREL CRACK - 2 No.	15.65m	P1	STITCH STONE & REPAIR BRICKWORK IN ARCH	NR/CIV/SD/107
148	SPAN 3 ARCH	CRACK - 1 No.	6m	P1	STITCH REPAIR	NR/CIV/SD/109

C01	PJ	JS	ADH	Issued For Construction	16.12.2016
P01	CP	JS	ADH	Issued For Comment	20.10.2016
Rev	Drawn	Chkd	Appd	Description	Date
Purpose of Issue					
Defects Report					
Classification					
Commercial in Confidence					
Client					
					
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Project:  
Refurbishment of Bridge  
Chapel Milton Viaduct  
CNB1/ 104

Drawing  
Defect Locations  
Piers and Arch Barrels  
Sheet 3 of 9  
NR REF:145498-CAP-EST-DRG-CNB1-104-00003

Scale @ A1	Drawn	Checked	Approved
1:100	CP	JS	ADH
Project No.	Date		
CS078881/061117	20-Oct-2016		

Drawing Identifier	BS1192 Consultant
Project - Originator - Draw - Level - File Type - Role - Number	revision
061117-CAP-00-XX-DR-S-0003	C01

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