

**A24 Chainage 95 to 100m**



**Figure A24 - Bramley Moore: Chainage 95 to 100m**

<b>Inspection Date &amp; Time</b>	12th - 13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b>	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles		Miscellaneous		Timber
Concrete		Mooring BOLLARD		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	1	Very Good
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Features / Condition[illegible]

## Defects

[illegible]



Figure A24a - Bramley Moore: Coping Chainage 95 to 100m

**A25 Chainage 100 to 105m**



**Figure A25 - Bramley Moore: Chainage 100 to 105m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b>	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Present
Anchor		Lock Gate		
Boat		Manhole		
Brickwork / Masonry Chain Post / Fencing	x	Marine Growth Metalwork	x	Sheet Piling Steps
Cobbles	x	Miscellaneous		Timber
Concrete		Mooring BOLLARD		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	2	Good
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
100 to 105	Coping	0 to 1.1	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
100 to 105	Brickwork / Masonry	0 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in blocks or limited mortar loss from joints
100 to 105	Marine Growth	1.6 to 1.8	-	Minimal growth. Features remain visible
104.5	Weephole / Outfall	1	-	Circular weephole/outfall. Good condition, some degradation but fully operable
100 to 101	Coping	0 (coping)	-	Obscured due to large amounts of sand
101 to 105	Cobbles	0 (coping)	-	Good - Minor cracks created by settlement/heave. Surface defects in cobbles or limited mortar loss from joints

## Defects

[illegible]



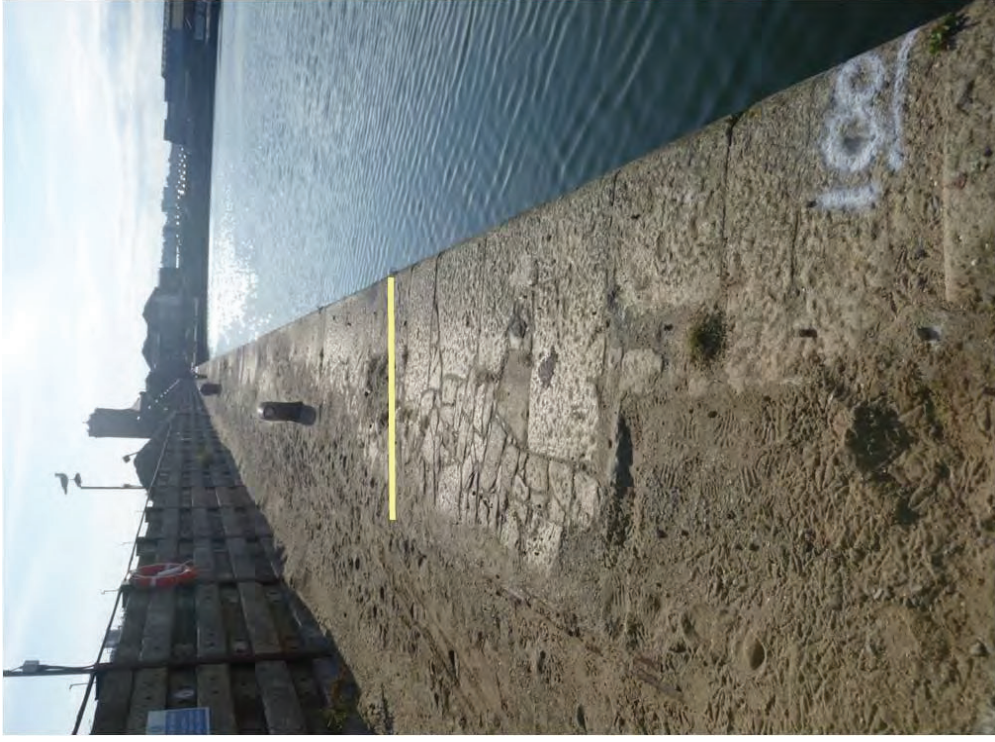
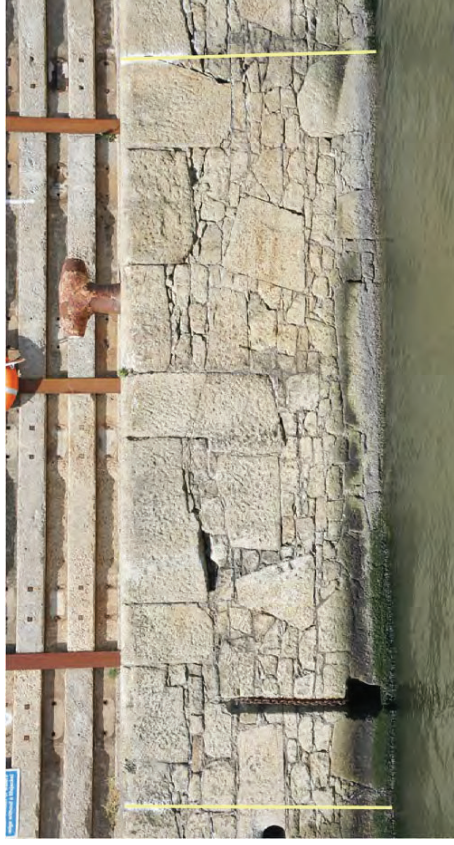


Figure A25a - Bramley Moore: Coping Chainage 100 to 105m



**A26 Chainage 105 to 110m**



**Figure A26 - Bramley Moore: Chainage 105 to 110m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b> [Crest Level / Water Level mOD]	1.8m [+6.6mOD / +4.8mOD]

Features				
Features	Present	Features	Present	Present
Anchor		Lock Gate		x
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles		Miscellaneous		Timber
Concrete		Mooring Bolland	x	Vegetation
Coping	x	Mooring Chain	x	Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	2	Good
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
105 to 110	Coping	0 to 0.4	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
105 to 110	Brickwork / Masonry	0 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
105 to 110	Marine Growth	1.6 to 1.8	-	Minimal growth. Features remain visible
106	Mooring Chain	0.7 to 1.5	-	Fixed within recess. Fair condition, extensive corrosion with minor thickness loss and/or minor damage to links
106	Weephole / Outfall	1.5	D = 0.2m	Rectangular weephole/outfall. Good condition, some degradation but fully operable
105 to 110	Coping	0 (coping)	-	Obscured due to large amounts of sand
108	Mooring Bollard	0 (coping)	H = 0.8m	T-Shaped bollard embedded into coping. Good condition, localised surface corrosion

### Defects

[illegible]



Figure A26a - Bramley Moore: Coping Chainage 105 to 110m







Figure A27a - Bramley Moore: Coping Chainage 110 to 115m

**A28 Chainage 115 to 120m**



**Figure A28 - Bramley Moore: Chainage 115 to 120m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b> [Crest Level / Water Level mOD]	1.8m [+6.6mOD / +4.8mOD]

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole	x	Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles		Miscellaneous		Timber
Concrete		Mooring BOLLARD		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	2	Good
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
115 to 120	Coping	0 to 0.7	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
115 to 120	Brickwork / Masonry	0.5 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
115 to 120	Marine Growth	1.6 to 1.8	-	Minimal growth. Features remain visible
115 to 120	Coping	0 (coping)	-	Obscured due to large amounts of sand
115	Manhole	0 (coping)	-	Fair - Extensive corrosion and minor damage but manhole housing remains sound. Some deterioration to material surrounding manhole

### Defects

[illegible]



Figure A28a - Bramley Moore: Coping Chainage 115 to 120m



**A29 Chainage 120 to 125m**



**Figure A29 - Bramley Moore: Chainage 120 to 125m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b> [Crest Level / Water Level mOD]	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles	x	Miscellaneous		Timber
Concrete		Mooring Bolland		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	2	Good
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Features / Condition[illegible]

### Defects

[illegible]



Figure A29a - Bramley Moore: Coping Chainage 120 to 125m

## A close-up photograph of a stone wall. The wall is constructed from large, rectangular stone blocks with visible mortar joints. A prominent horizontal crack runs across the middle of the wall, and a vertical crack runs down the center. The stone has a rough, weathered texture. The image is oriented vertically, with the top of the wall at the bottom of the frame.

Inspection Date & Time	12th - 13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) / Crest Level / Water Level mOD	1.8m [+66mOD / +4.8mOD]

<b>Overall Condition Rating</b>		
Overall Assessment	2	Good

[illegible][illegible]





Figure A30a - Bramley Moore: Coping Chainage 125 to 130m

**A31 Chainage 130 to 135m**



**Figure A31 - Bramley Moore: Chainage 130 to 135m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b> [Crest Level / Water Level mOD]	1.8m /+6.6mOD / +4.8mOD]

Features				
Features	Present	Features	Present	Present
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles		Miscellaneous		Timber
Concrete		Mooring Bolland	x	Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	2	Good
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
130 to 135	Coping	0 to 0.7	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
130 to 135	Brickwork / Masonry	0.4 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
130 to 135	Marine Growth	1.6 to 1.8	-	Minimal growth. Features remain visible
130 to 135	Coping	0 (coping)	-	Obscured due to large amounts of sand
134	Mooring Bollard	0 (coping)	H = 0.8m	Single bitt bollard. Good condition, localised surface corrosion

### Defects

[illegible]



Figure A31a - Bramley Moore: Coping Chainage 130 to 135m



**A32 Chainage 135 to 140m**



**Figure A32 - Bramley Moore: Chainage 135 to 140m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b>	1.8m (+6.6mOD / +4.8mOD)

Features			
Features	Present	Features	Present
Anchor		Lock Gate	
Boat		Manhole	
Brickwork / Masonry	x	Marine Growth	x
Chain Post / Fencing		Metalwork	x
Cobbles		Miscellaneous	
Concrete		Mooring BOLLARD	
Coping	x	Mooring Chain	
Fender		Mooring Ring	
Hand railing / Fence		Obstruction	-
Ladder		Opening / Vault	-

**Overall Condition Rating**

Overall Assessment	2	Good
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Features / Condition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
135 to 140	Coping	0 to 1.1	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
135 to 140	Brickwork / Masonry	0.4 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
135 to 140	Marine Growth	1.6 to 1.8	-	Minimal growth. Features remain visible
136 and 137.5	Metalwork	0.9	-	Metal fixing. Poor condition, extensive corrosion with major thickness loss and/or significantly bent and deformed
135 to 140	Coping	0 (coping)	-	Obscured due to large amounts of sand

## Defects

[illegible]



Figure A32a - Bramley Moore: Coping Chainage 135 to 140m

A33 Chainage 140 to 145m



Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
140 to 145	Coping	0 to 0.7	-	Fair - Slight coping displacement created by movement. Mortar loss from joints and joints/coping cracking. Rounding/chipping of coping edges
140 to 142	Brickwork / Masonry	0.4 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
142 to 145	Brickwork / Masonry	0.4 to 1.8	-	Fair - Slight brick displacement created by movement. Mortar loss from joints and joint/brick cracking
140 to 145	Marine Growth	1.7 to 1.8	-	Minor growth. Features partially obscured
143 to 144.5	Timber	0 to 0.2	-	Good - Localised minor damage. Onset of insect or fungal decay with slight loss of timber. Slight gaps at joints and mild misalignment
144	Weephole / Outfall	0.2 to 1.8	-	Piped outfall. Poor condition, loss of material surrounding outfall. Significant corrosion and associated loss of outfall elements
140 to 145	Coping	0 (coping)	-	Obscured due to large amounts of sand

Figure A33 - Bramley Moore: Chainage 140 to 145m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) [Crest Level / Water Level mOD]	1.8m [+6.6mOD / +4.8mOD]

Features	Present	Features	Present
Anchor		Lock Gate	Recess
Boat		Manhole	Repair
Brickwork / Masonry	x	Marine Growth	x
Chain Post / Fencing		Metalwork	Sheet Piling
Cobbles		Miscellaneous	Steps
Concrete		Mooring Bollard	Timber
Coping	x	Mooring Chain	Vegetation
Fender		Mooring Ring	Weephole / Outfall
Hand railing / Fence		Obstruction	-
Ladder		Opening / Vault	-

Overall Condition Rating

Overall Assessment	3	Fair
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Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
142 to 143	Coping	Cracking	0.3 to 0.5	Significant horizontal cracking of mortar joints and/or bricks/blocks. Indicates wall movement/settlement
143 to 144	Brickwork / Masonry	Loss of Bricks/Blocks	0.2 to 0.5	Loss of large group of bricks/blocks. Defects are linked to wall movements and/or overloading of the wall
143 to 144.5	Timber	Splitting	0 to 0.2	Minor splitting and cracks caused by historic shrinkage of timber. Defects are cosmetic only
144	Weephole / Outfall	Corrosion	0.2 to 1.8	Progressive corrosion has lead to deep pitting and loss of thickness weakening the metal
144 to 145	Coping	Cracking	0.3 to 0.5	Significant horizontal cracking of mortar joints and/or bricks/blocks. Indicates wall movement/settlement





Figure A33a - Bramley Moore: Coping Chainage 140 to 145m

## A close-up photograph of a stone wall, likely made of limestone or a similar light-colored stone. The wall shows significant signs of weathering and structural damage. A prominent horizontal crack runs across the middle of the frame, and a vertical crack is visible on the left side. The stones are irregular in shape and size, with some showing signs of scaling or delamination. The wall is situated next to a body of water, which is visible on the right side of the image. The water appears calm and reflects the surrounding environment. The overall scene suggests an old, possibly historic, structure that has been exposed to the elements for a long time.

<b>Inspection Date &amp; Time</b>	12th-13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wail Height (m) [Crest Level / Water Level mOD]</b>	1.8m [+6.6mOD / +4.8mOD]

Overall Condition Rating		
Overall Assessment	3	Fair

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
145 to 150	Coping	0 to 0.7	-	Fair - Slight coping displacement created by movement. Mortar loss from joints and joints/coping cracking. Rounding/chipping of coping edges
145 to 150	Brickwork / Masonry	0.3 to 0.9	-	Fair - Slight brick displacement created by movement. Mortar loss from joints and joint/brick cracking
145 to 150	Brickwork / Masonry	0.9 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
145 to 150	Marine Growth	1.6 to 1.8	-	Minor growth. Features partially obscured
145 to 150	Coping	0 (coping)	-	Obscured due to large amounts of sand

[illegible]



Figure A34a - Bramley Moore: Coping Chainage 145 to 150m





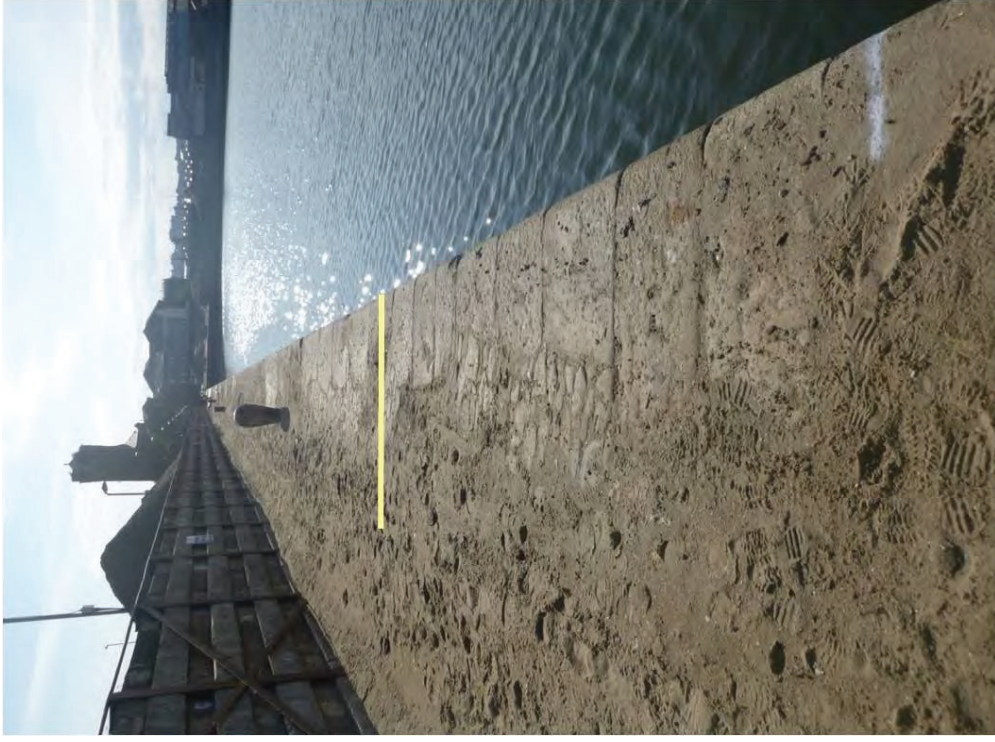


Figure A35a - Bramley Moore: Coping Chainage 150 to 155m

**A36 Chainage 155 to 160m**



**Figure A36 - Bramley Moore: Chainage 155 to 160m**

<b>Inspection Date &amp; Time</b>	12th - 13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b>	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles	x	Miscellaneous		Timber
Concrete		Mooring BOLLARD		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		x
Hand railing / Fence		Obstruction		-
Ladder	x	Opening / Vault		-

**Overall Condition Rating:**

Overall Assessment	2	Good
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
155 to 160	Coping	0 to 0.5	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
155 to 160	Brickwork / Masonry	0.3 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
156 to 160	Marine Growth	1.6 to 1.8	-	Minimal growth. Features remain visible
159	Weephole / Outfall	1.6	D = 0.2m	Circular weephole/outfall. Good condition, some degradation but fully operable
159.5	Ladder	0 to 1.8	-	Ladder within recess. Good condition, some corrosion in intertidal zone
155 to 156	Coping	0 (coping)	-	Obscured due to large amounts of sand
156 to 160	Cobbles	0 (coping)	-	Good - Minor cracks created by settlement/heave. Surface defects in cobbles or limited mortar loss from joints

### Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
155 to 157	Brickwork / Masonry	Staining / Calcification	1.5	White staining concentrated around mortar joints indicative of early sulphate attack. May lead to future spalling and deterioration of mortar
157 to 160	Coping	Loss of Mortar	0.3 to 0.5	Mortar loss to coping stone is limited to the surface. Defects are cosmetic only
159	Brickwork / Masonry	Brick/Block Displacement	1.6	Displacement of small groups of bricks/blocks. Defects are cosmetic but have the potential to affect the walls integrity
159	Coping	Cracking	0.3 to 0.4	Significant horizontal cracking of mortar joints and/or bricks/blocks. Indicates wall movement/settlement



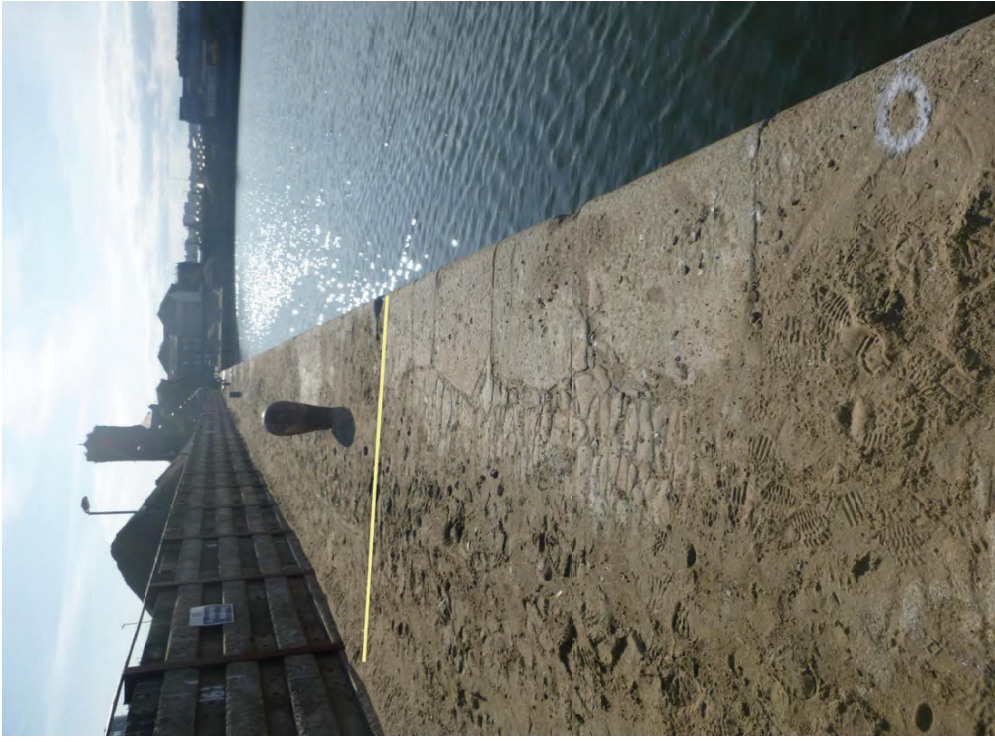


Figure A36a - Bramley Moore: Coping Chainage 155 to 160m

**A37 Chainage 160 to 165m**



**Figure A37 - Bramley Moore: Chainage 160 to 165m**

<b>Inspection Date &amp; Time</b>	12th -13th July 2017
<b>Weather Conditions</b>	Warm & Sunny
<b>Water Conditions</b>	Impounded Water
<b>Wall Height (m)</b> [Crest Level / Water Level mOD]	1.8m [+6.6mOD / +4.8mOD]

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles	x	Miscellaneous		Timber
Concrete		Mooring Bolland	x	Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

**Overall Condition Rating**

Overall Assessment	2	Good
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<u>Features / Condition</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
160 to 165	Coping	0 to 0.5	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
160 to 165	Brickwork / Masonry	0.2 to 0.5	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
160 to 162	Marine Growth	1.6 to 1.8	-	Minor growth. Features partially obscured
160 to 163	Coping	0 (coping)	-	Obscured due to large amounts of sand
162	Mooring Bollard	0 (coping)	H = 0.8m	Single bitt bollard. Good condition, localised surface corrosion
163 to 165	Cobbles	0 (coping)	-	Good - Minor cracks created by settlement/heave. Surface defects in cobbles or limited mortar loss from joints

### Defects

[illegible]



Figure A37a - Bramley Moore: Coping Chainage 160 to 165m







Figure A38a - Bramley Moore: Coping Chainage 165 to 170m

Inspection Date & Time	12th - 13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) / Crest Level / Water Level mOD	1.8m [+66mOD / +4.8mOD]

Overall Condition Rating		
Overall Assessment	2	Good

[illegible][illegible]





Figure A39a - Bramley Moore: Coping Chainage 170 to 175m