

**TEWKESBURY TOWN COUNCIL  
BUILDINGS & MOORINGS COMMITTEE  
TUESDAY 31<sup>ST</sup> MAY 2022**

To: Councillors C Danter (Chairman), H Bowman, K Brennan, P Devine, R. Gurney, K. Powell, S. Raywood

You are hereby summoned to an extraordinary meeting of the Buildings & Moorings Committee to be held in the Town Hall, High Street, Tewkesbury, Tuesday 31<sup>st</sup> May at 5.30pm in the Town Hall

**Members of the public and press are welcome to attend.**



Debbie Hill  
Town Clerk  
26<sup>th</sup> May 2022

**AGENDA**

1. Receive apologies for absence
2. Receive declarations of interests
3. Receive dispensations
4. Approve the minutes of the Buildings & Moorings Committee meeting held on 13<sup>th</sup> April 2022
5. Matters arising from the minutes – for information only
6. Receive correspondence relating to the Buildings & Moorings Committee
7. Public Participation *(to provide members of the public/press with the opportunity to comment on items on the agenda or raise items for future consideration. In accordance with Standing Orders this will not exceed 12 minutes in total and 3 minutes per person.)*
8. Approve payments to be made
9. Review the budget reports and earmarked reserves report
10. Retrospectively approve installation of a noise limiting device at the Watson Hall at a cost of £1,575
11. Receive an update on exploration work and stripping back of part of the Old Ferry mooring at St. Mary's Road and to approve additional work to dig out the area, make the area safe for use and repair the remaining mooring structure up to a total cost of £3,200 (£700 relates to initial exploration work and stripping back)
12. Agree future use of the remaining Old Ferry mooring

- 13.** Review the Structural Engineer's report on walls at St. Mary's Road mooring and agree the location of replacement picket fencing and to apply for planning permission
- 14.** Agree future use and planting of the grass area at St Mary's Road mooring and potential partnership working
- 15.** Agree to continue with planning application to re-instate moorings at Prior's Court and to agree production of additional drawings that may be required
- 16.** Agree that Prior's Court to be left as a natural environment until the committee agrees to progress re-instatement depending on the outcome of the planning application and the budget position
- 17.** Consider the options for making Prior's Court area more aesthetically pleasing
- 18.** Receive an update on repairs at the Back of Avon moorings
- 19.** Agree future use of the Back of Avon mooring past the footbridge

**MINUTES**  
*of the*  
**Buildings & Moorings Committee meeting held on 13th April 2022 at 6pm in the Town  
Hall, Tewkesbury**

**Present:** Cllrs C Danter (Chair); H Bowman, P Devine, R Gurney, K Powell, S Raywood, J Raywood

**In attendance:** D Hill (Town Clerk)

**B&M.21.094 Receive apologies for absence**  
Cllr Brennan.

**B&M.21.095 Receive declarations of interest**  
Cllr J Raywood in relation to Tewkesbury Museum (item 21.109).

**B&M.21.096 Receive dispensations**  
Cllr J Raywood in relation to Tewkesbury museum (item 21.109).

**B&M.21.097 Approve the minutes of the Buildings & Moorings Committee meeting held on 8<sup>th</sup> February 2022**  
Addition of Cllr Brennan as present at the meeting.  
It was RESOLVED to approve the minutes of the meeting held on 8<sup>th</sup> February 2022.  
Proposed by Cllr Bowman, seconded by Cllr Devine.

**B&M.21.098 Matters arising from the minutes – for information only**

- 20.093 Defibrillator** – An offer has been received to fund a defibrillator at Spring Gardens toilet block. The Ambulance Service had advised that the High Street would be the ideal location for a new defibrillator.
- 20.127 Repairs to window at 64 Barton Street** – Town Council to ask Ian Bishop to check.
- 20.139 WH balcony handrail** – carry forward.
- 20.143 Back of Avon retaining wall quote** – carry forward.
- 21.048 Access point to river for small craft** – Following a meeting with British Canoeing, the mooring adjacent to St Mary's Lane may be suitable, but the Old Ferry jetty would be a suitable access point and a quick win in terms of access for SUP by removing a section of the jetty and installing steps
- 21.051 Format of payments lists** – complete
- 21.086 Repairs to Back of Avon moorings 1 & 2 (boat trips access point)** - work complete
- 21.087 Back of Avon replacement mooring087** – awaiting pricing information from Avon Navigation Trust.
- 21.088 Structural Engineer instruction for walls at St. Mary's Road** – the Structural Engineer attended on 13<sup>th</sup> April. Report awaited.

- B&M.21.099 Receive correspondence relating to the Buildings & Moorings Committee**  
None.
- B&M.21.100 Public Participation**  
None.
- B&M.21.101 Approve payments to be made**  
It was RESOLVED to approve payments totalling £18,736.76. Proposed by Cllr Brennan, seconded by Cllr Gurney.
- B&M.21.102 Review the budgets report and earmarked reserves report**  
The Town Clerk highlighted the Moorings income budget having been met in this financial year. Cllr J Raywood thanked staff for efforts in respect Town Hall, Watson Hall and bar income.
- B&M.21.103 Agree earmarked reserves and virements at the end of the financial year 2021/22**  
The following earmarked reserves were proposed:  
Moorings Maintenance £335 to EMR Moorings Maintenance (new)  
Moorings Projects, £2,100 to EMR 349 Moorings Projects  
64 Barton Street Projects, £6,538 to EMR 64 Barton Street Fundraising (new)  
Town Hall Maintenance, £3,972 to EMR Town Hall Maintenance (new)  
Town Hall Projects, £12,100 to EMR 354 Town Hall Projects  
War Memorial Maintenance, £300 to EMR 328 War Memorial  
It was RESOLVED to approve the new earmarked reserves. Proposed by Cllr J Raywood, seconded by Cllr Devine.
- B&M.21.104 Note emergency expenditure relating to health & safety concerns on the Back of Avon mooring**  
The emergency repairs to the Back of Avon mooring were noted at a cost of £2,100.
- B&M.21.105 Note the specialist reports relating to Prior's Court mooring**  
It was noted that access for repairs would need to be from water side as well as land side, use of the moorings may increase noise for neighbours and that there was no evidence of otter or water vole in the area. There would be no impact to require any further investigation regarding HRA screening.
- Cllr Gurney left at this juncture.
- B&M.21.106 Approve the installation of lighting in the Anglo American Garden of Remembrance**  
It was RESOLVED to approve the installation of lighting in the Anglo American Garden of Remembrance at a cost of £375. Proposed by Cllr Devine, seconded by Cllr J Raywood.
- B&M.21.107 Consider whether to apply for Listed Building Consent to instal a defibrillator at the front of the Town Hall**  
It was noted that the Ambulance Service had recommended the High Street as the most suitable location for a new defibrillator. Accordingly it was agreed that Listed Building Consent should be sought.

**B&M.21.108 Agree to apply for apply for approval to hold civil ceremonies at the Watson Hall at a cost of £2,500 for a three year licence**

It was RESOLVED to apply for approval to hold civil ceremonies at the Watson Hall. Proposed by Cllr J Raywood, seconded by Cllr P Devine.

**B&M.21.109 Receive an update on grant funding for 64 Barton Street and to consider and agree in principle a proposal from Tewkesbury Museum Trustees to undertake internal alterations**

The Town Clerk reported that a grant funding application in the region of £150k will be submitted to Historic England hopefully by the end of May. Cllr J Raywood briefed the committee on plans to make the whole of the ground floor accessible. The committee agreed in principle in favour of these adaptations.

**B&M.21.091 Receive updates on the following ongoing matters:**

- i. **Town Hall: Health & Safety inspection of pictures and hangings in the Council Chamber, lighting in the Town Hall garden & Anglo American Garden of Remembrance, installation of CCTV, improvements to heating in the Town Hall, garden improvements**

Pictures – waiting for a date for re-hanging. Lighting in garden complete and approved for Anglo-American garden. CCTV complete. Heating improvements planned for Spring/Summer. Town Hall garden – back of Lloyds Bank – possibly incorporate into Town Hall garden working group. Looking at accessibility and repointing of wall adjacent to waterside.

- ii. **ii. Moorings: repairs to wall at Back of Avon, survey of walls at St Mary's Road, ANT lease, Old Ferry mooring**

Repairs to wall ongoing. Survey of walls was done on 13<sup>th</sup> April, report awaited. Avon Navigation Trust Lease - Town Council has responded to Thomson & Bancks. Old Ferry mooring, work to be undertaken to remove one section of the existing mooring for accessibility for paddleboarders, kayaks etc and to establish whether there are existing steps that could be used. Additional work may be required following the removal.

There being no further business the meeting closed at 19.50.

Signature of Chairman upon approval of the minutes ..... 31<sup>st</sup> May 2022

## Detailed Income &amp; Expenditure by Budget Heading 28/05/2022

Month No: 2

Committee Report

	Actual Last Year	Actual Year To Date	Current Annual	Variance Annual	Committed Expenditure	Funds Available	Transfer to/from EMR
<b><u>Building &amp; Moorings</u></b>							
<b><u>200 Moorings</u></b>							
1300 Moorings Income	6,385	740	5,722	4,982			
Moorings :- Income	<b>6,385</b>	<b>740</b>	<b>5,722</b>	<b>4,982</b>			<b>0</b>
4450 Maintenance	3,665	3,990	4,162	172	2,100	(1,928)	
4460 Rates	1,098	126	1,561	1,435		1,435	
4470 Mooring Leases	100	0	100	100		100	
4480 Projects - Moorings	2,250	0	6,500	6,500	650	5,850	
Moorings :- Indirect Expenditure	<b>7,113</b>	<b>4,116</b>	<b>12,323</b>	<b>8,207</b>	<b>2,750</b>	<b>5,457</b>	<b>0</b>
<b>Net Income over Expenditure</b>	<b>(728)</b>	<b>(3,376)</b>	<b>(6,601)</b>	<b>(3,225)</b>			
<b><u>210 64 Barton Street</u></b>							
1420 64 Barton Street Income	8,250	0	0	0			
64 Barton Street :- Income	<b>8,250</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>
4195 Health & Safety	68	0	300	300		300	
4450 Maintenance	52,462	540	15,000	14,460		14,460	
4500 64 Barton Street Projects	3,213	700	25,000	24,300		24,300	
64 Barton Street :- Indirect Expenditure	<b>55,743</b>	<b>1,240</b>	<b>40,300</b>	<b>39,060</b>	<b>0</b>	<b>39,060</b>	<b>0</b>
<b>Net Income over Expenditure</b>	<b>(47,493)</b>	<b>(1,240)</b>	<b>(40,300)</b>	<b>(39,060)</b>			
6000 plus Transfer from EMR	29,990	0					
<b>Movement to/(from) Gen Reserve</b>	<b>(17,503)</b>	<b>(1,240)</b>					
<b><u>220 Town Hall</u></b>							
1400 Garden Income	0	0	104	104			
1410 Town Hall Income	14,487	2,983	20,000	17,017			
1415 TH Merch Income	0	7	0	(7)			
Town Hall :- Income	<b>14,487</b>	<b>2,989</b>	<b>20,104</b>	<b>17,115</b>			<b>0</b>
4195 Health & Safety	388	0	500	500		500	
4450 Maintenance	7,270	6,125	12,485	6,360	800	5,560	
4460 Rates	4,192	421	4,266	3,845		3,845	
4550 Water	870	238	728	490		490	
4560 Electric	2,953	0	2,000	2,000		2,000	
4570 Gas	1,724	363	3,000	2,637		2,637	
4580 Garden Expenditure	196	101	312	211		211	
4590 Projects	2,900	0	15,606	15,606		15,606	

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4960 Equipment	1,492	349	2,081	1,732		1,732	
Town Hall :- Indirect Expenditure	<b>21,984</b>	<b>7,598</b>	<b>40,978</b>	<b>33,380</b>	<b>800</b>	<b>32,580</b>	<b>0</b>
<b>Net Income over Expenditure</b>	<b>(7,497)</b>	<b>(4,608)</b>	<b>(20,874)</b>	<b>(16,266)</b>			
<u>230 War Memorial</u>							
1990 Other Income	54	0	0	0			
War Memorial :- Income	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>
4450 Maintenance	700	0	1,040	1,040		1,040	
War Memorial :- Indirect Expenditure	<b>700</b>	<b>0</b>	<b>1,040</b>	<b>1,040</b>	<b>0</b>	<b>1,040</b>	<b>0</b>
<b>Net Income over Expenditure</b>	<b>(646)</b>	<b>0</b>	<b>(1,040)</b>	<b>(1,040)</b>			
Building & Moorings :- Income	<b>29,176</b>	<b>3,730</b>	<b>25,826</b>	<b>22,096</b>			
Expenditure	<b>85,539</b>	<b>12,953</b>	<b>94,641</b>	<b>81,688</b>	<b>3,550</b>	<b>78,138</b>	
<b>Net Income over Expenditure</b>	<b>(56,363)</b>	<b>(9,224)</b>	<b>(68,815)</b>	<b>(59,591)</b>			
plus Transfer from EMR	<b>29,990</b>	<b>0</b>					
<b>Movement to/(from) Gen Reserve</b>	<b>(26,373)</b>	<b>(9,224)</b>					
Grand Totals:- Income	<b>29,176</b>	<b>3,730</b>	<b>25,826</b>	<b>22,096</b>			
Expenditure	<b>85,539</b>	<b>12,953</b>	<b>94,641</b>	<b>81,688</b>	<b>3,550</b>	<b>78,138</b>	
<b>Net Income over Expenditure</b>	<b>(56,363)</b>	<b>(9,224)</b>	<b>(68,815)</b>	<b>(59,591)</b>			
plus Transfer from EMR	<b>29,990</b>	<b>0</b>					
<b>Movement to/(from) Gen Reserve</b>	<b>(26,373)</b>	<b>(9,224)</b>					

	Actual Last Year	Actual Year To Date	Current Annual	Variance Annual	Committed Expenditure	Funds Available	Transfer to/from EMR
<u>Watson Hall</u>							
<u>600 Watson Hall</u>							
1150 Staffing Income	1,295	0	0	0			
1800 Watson Hall Income	20,844	3,834	22,808	18,975			
1810 Leases	0	0	300	300			
1820 Tudor Bar Income	41,839	3,776	50,000	46,225			
1825 Bar Equipment Income	50	0	0	0			
1830 Events Income	1,208	135	7,000	6,865			
Watson Hall :- Income	<u>65,236</u>	<u>7,744</u>	<u>80,108</u>	<u>72,364</u>			<u>0</u>
4195 Health & Safety	440	0	500	500		500	
4221 Telephone/IT (WH)	1,014	139	750	612		612	
4250 IT	48	0	0	0		0	
4280 Events & Services	475	2,175	7,000	4,825	2,037	2,788	
4450 Maintenance	13,206	809	10,000	9,191	150	9,041	
4550 Water	985	258	728	470		470	
4560 Electric	7,967	46	3,000	2,954		2,954	
4570 Gas	1,721	362	2,081	1,719		1,719	
4590 Projects	(2,822)	0	18,000	18,000	11,499	6,501	
4912 Bar Payroll Processing	178	38	200	163		163	
4913 Bar Equipment	858	0	1,500	1,500		1,500	
4914 Bar Card Charges	623	68	850	782		782	
4915 Events Card Charges	33	11	0	(11)		(11)	
4950 Bar Stock	21,979	2,045	23,000	20,955		20,955	
4955 Bar Salaries	18,059	887	15,000	14,113		14,113	
4960 Equipment	3,953	377	4,000	3,623		3,623	
4961 Waste and recycling	0	113	0	(113)		(113)	
4990 Sundries/Petty Cash	60	0	100	100		100	
Watson Hall :- Indirect Expenditure	<u>68,777</u>	<u>7,327</u>	<u>86,709</u>	<u>79,382</u>	<u>13,686</u>	<u>65,696</u>	<u>0</u>
Net Income over Expenditure	<u>(3,541)</u>	<u>417</u>	<u>(6,601)</u>	<u>(7,018)</u>			
6000 plus Transfer from EMR	475	0					
Movement to/(from) Gen Reserve	<u>(3,066)</u>	<u>417</u>					
Watson Hall :- Income	65,236	7,744	80,108	72,364			
Expenditure	68,777	7,327	86,709	79,382	13,686	65,696	
Net Income over Expenditure	<u>(3,541)</u>	<u>417</u>	<u>(6,601)</u>	<u>(7,018)</u>			
plus Transfer from EMR	475	0					
Movement to/(from) Gen Reserve	<u>(3,066)</u>	<u>417</u>					



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Grand Totals:- Income	65,236	7,744	80,108	72,364			
Expenditure	68,777	7,327	86,709	79,382	13,686	65,696	
Net Income over Expenditure	<u>(3,541)</u>	<u>417</u>	<u>(6,601)</u>	<u>(7,018)</u>			
plus Transfer from EMR	475	0					
Movement to/(from) Gen Reserve	<u>(3,066)</u>	<u>417</u>					

## Earmarked Reserves

Account	Opening Balance	Net Transfers	Closing Balance
320 EMR B&M 64 BS Maintenance	6,709.00	0.00	6,709.00
321 EMR B&M Town Hall Gardens	250.00		250.00
322 EMR B&M Moorings Prior's Court	19,894.23		19,894.23
323 EMR B&M Moorings Maintenance	335.00		335.00
324 EMR E&A Noticeboards	1,447.00		1,447.00
325 EMR E&A Playground Projects	12,604.00		12,604.00
326 EMR E&A Youth	4,105.00		4,105.00
327 EMR FIN Asset Management Proj	3,821.00		3,821.00
328 EMR B&M War Memorial	5,857.73		5,857.73
329 EMR SH Severn Ham	6,140.00		6,140.00
330 EMR E&A CCTV	2,500.00		2,500.00
331 EMR E&A Tree Maintenance	5,150.00		5,150.00
332 EMR E&A Street Furniture	2,300.00		2,300.00
333 EMR E&A Toilet Block Project	7,902.00		7,902.00
334 EMR E&A Gloucester Road Maint.	0.00		0.00
335 EMR E&A Bus Shelters	2,640.00		2,640.00
336 EMR FIN Regalia	0.00		0.00
337 EMR FIN Website	2,160.00		2,160.00
338 EMR FIN Professional	0.00		0.00
339 EMR FIN Legal	9,087.00		9,087.00
340 EMR FIN Elections	4,000.00		4,000.00
341 EMR FIN Tourism & Marketing	1,474.00		1,474.00
342 EMR FIN Newsletter	1,500.00		1,500.00
343 EMR SH Weeding	7,500.00		7,500.00
344 EMR SH Severn Ham Tree Maint	8,000.00		8,000.00
345 EMR SH Hay Sowing Project	8,675.00		8,675.00
346 EMR SH Carver Knowles	2,050.00		2,050.00
347 EMR PLA Comm. & Display	1,306.00		1,306.00
348 EMR PLA Outreach Sessions	271.00		271.00
349 EMR B&M Moorings Projects	6,363.00		6,363.00
350 EMR B&M Watson Hall Lease *	20,000.00		20,000.00
351 EMR B&M Moorings St Mary's Rd	2,433.00		2,433.00
352 EMR FIN Insurance	1,556.00		1,556.00
353 EMR FIN Shop Windows Project	3,290.02		3,290.02
354 EMR B&M TH Maintenance	9,761.00		9,761.00
355 EMR B&M WH Projects	10,040.00		10,040.00
356 EMR B&M WH Bar Equipment	1,619.00		1,619.00
357 EMR B&M 64 Roof Project	0.00		0.00
358 EMR SH Mythe Nature Reserve	5,000.00		5,000.00
359 EMR PLA Community Devel Planni	1,000.00		1,000.00
360 EMR B&M TH Projects	12,100.00		12,100.00
361 EMR FIN Community Grants	1,822.00		1,822.00
362 EMR FIN Tewkes Live Music Fest	9,892.50		9,892.50
363 EMR B&M WH Doors & Floors Proj	3,402.00		3,402.00
364 EMR B&M 64 BS Fundraising Proj	6,788.00	0.00	6,788.00
	<u>222,744.48</u>	<u>0.00</u>	<u>222,744.48</u>



# Gloucestershire Electrical Services Ltd

6 Woodrush Road , Walton Cardiff  
Tewkesbury, Gloucestershire, GL20 7SF  
United Kingdom

Website [www.gloselectrical.co.uk](http://www.gloselectrical.co.uk)  
Telephone: 01684 292925  
Mobile 07527024846  
Email [Luke@gloselectrical.co.uk](mailto:Luke@gloselectrical.co.uk)



## Issued To:

## SALES QUOTE

Tewkesbury Town Council  
Town Hall  
High Street  
Tewkesbury  
Gloucestershire  
GL20 5AL

Issue Date	Expiry Date	Reference	Number
19/05/2022	18/06/2022	Noise Limiter System	SQ-203

Description	VAT %	Net Amt
Installation	20.00	500.00
Materials - Commercial Environmental noise control unit	20.00	650.00
Materials - Remote reset switch for system, External detection microphone & Remote warning light.	20.00	245.00
Materials - Electrical Accessories - Electronic relay to switch power to the stage electrical distribution if system is triggered.	20.00	180.00

VAT Rate	Net	VAT	Net Amount	VAT Amount	TOTAL
Standard 20.00% (20.00%)	£1,575.00	£315.00	1,575.00	315.00	<b>£1,890.00</b>

**Notes:**  
 Carry out the installation of an Environmental noise control unit. (Please see attached data sheet for proposed system specs)  
 Install External microphone in the hall to ensure accurate measurement of sound. Install Remote reset switch and warning light.  
 Carry our alterations to the electrical system on the stage to incorporate the noise limiting system.  
 Carry out testing and commissioning.

## Terms and Conditions:

This quote is valid for 30 Days

Many thanks.  
Luke Boskett

Seasons Business Complex  
Quat Goose Lane, Swindon Village  
Cheltenham, Gloucestershire. GL51 9RX

t. 01242 528232  
f. 01242 526356

**REPORT**  
**ON**  
**Retaining Wall to Moorings**  
**St Marys Road**  
**TEWKESBURY**  
**FOR**  
**TEWKESBURY TOWN COUNCIL**

**11384/C**  
May 2022

## SYNOPSIS

This Report was commissioned by Tewkesbury Town Council, Debbie Hill Town Clerk, and deals with the visual defects of the River Wall at St Marys Road private moorings. No intrusive investigations were carried out to the wall or the timber work at river level.

## INTRODUCTION

The moorings are used for permit holding canal boats.

CNM Engineer David Gemmell carried out the inspection and Survey on Monday the 13<sup>th</sup> April 2022. Record photographs were taken of the wall on the river side. Access onto the moorings was via a coded gate lock with short path down onto the dock from St Marys Road.

A local dimensional survey was taken where possible. It was noted that there are power lines overhead set inside the fence line to St Marys Road.

## FINDINGS

The boundary walls consist of 215mm thick masonry varying in height above water level, 2m – 4.5m and approximately 39m long. A large tree, Silver Birch has been felled at some time in the historical past as it was reported previously by others to have caused movement and cracking of the river wall in several locations.

The decking is approximately 0.9m above water level (AWL), approx 1.3m wide and 39m long.



3m & 4.5m AWL Red Brick – approx 9m long



4.5m Return AWL Red Brick – approx 6m long



1.9m AWL Buff Brick – approx 27m long

The first section of walls, 3 and 4.5m plus return as viewed from the river/mooring level, is the boundary to an adjacent property with the ground level being approximately 2.3m AWL. The sections of wall above decking level and facing the river are approximately vertical but the

return has an increasing inward lean towards the property open space as it approaches St Marys Road.

These sections of walls exhibit

- Salt staining
- Mortar joint degradation, bed and perp
- Missing/degraded brickwork
- Vegetation growth including tree trunk and branches within the wall joints
- A small section of large stone quoins at/below decking level on the return corner

The second section of wall plus return and original landing stage to St Marys Road, 2m AWL as viewed from the river/mooring level, is constructed in different coloured brickwork.

These sections of walls exhibit

- Salt staining
- Vertical cracking through brickwork and perp joints
- Out of vertical alignment, wall leans towards the river in varying degrees, 1-4° (18-67mm per m height)
- Brickwork removed to rear of landing stage
- Horizontal movement of entire wall line at or slightly below decking level towards the river

## Conclusions

- The first sections of wall construction are generally sound but with a localised area requiring reinstatement and re-pointing with replacement of individual bricks as required.
- The overall stability of these walls does not appear to be a problem at this time.
- The second section of wall construction although generally sound has moved horizontally and rotated vertically towards the river, cracked at various locations for full height, and is considered to constitute a risk of collapse due to horizontal ground loading. The wall abutting the river/decking should be reduced and rebuilt

## Recommended Remedial Measures

The first wall sections require

- All vegetation attached to the walls including roots to be removed
- Walls to be chemically treated for root growth, (ecologically compliant with water courses).
- All affected joints to be raked out, min 25mm and repointed, mortar colour to suit
- All loose masonry to be removed and reinstated to include areas of missing masonry to match existing
- All existing wooden structures to be inspected for rot, replaced and treated as required.

The second wall sections requiring to be reinstated should be built from a level slightly below existing decking or as necessary, to line and level to match original

- Bonded using M1(i) mortar or to match existing

- Reinforce bed joints with BRC reinforcement at 225crs vertically
- Reinforce corner construction with BRC reinforcement
- Continuous Helifix bars, 2m long, inserted into bed joints around the corner, set 50mm from each face at approximately 450mm vertical centres.
- The walls should be re-pointed where required to match existing

We would further recommend that

- Due to the variance of water level throughout the year the masonry below lowest water level also be checked and repaired as noted above
- The existing deck structure should be inspected and repaired as required
- A regularised yearly inspection and maintenance program started

Signed



D.Gemmell BEng (Hons)  
For and on behalf of CLARKE NICHOLL & MARCEL LTD

## APPENDIX

Record Photos of Wall as of April/May 2022



## PHOTOS



November 2020



April 2020

Tree stump



Access Path

Vertical crack



Vertical Crack



Tree Trunk in wall



Access Steps – Rotation & Cracking



Crack mid-length

Forward movement & rotation



Original Landing – Rotation LHS



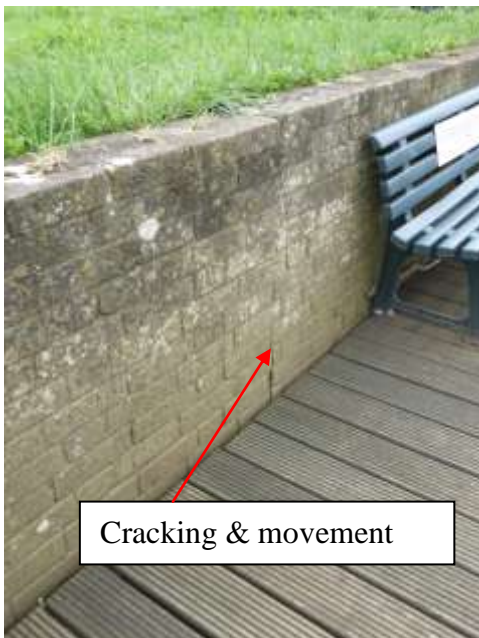
Original Landing – Cracking LHS



Original Landing – Rear wall removed & grassed to wall front edge



Original Landing – Cracking/Rotation RHS



Vertical Cracking



End of TTC Mooring