# Appendix or

Project Cost Report











MILLPORT TOWN HALL

REPAIRS AND CONVERSION TO COMMUNITY FACILITY

FEASIBILITY COSTS

FOR

FRIENDS OF MILLPORT TOWN HALL

MAY 2019











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## 1.00 INTRODUCTION

## 1.01 Background

Friends of Millport Town Hall (FMTH) have appointed Brown + Wallace to act as cost consultants for the repairs, conservation and conversion of former Millport Town Hall into a multi-use community facility.

## 1.02 The Works

The proposed works comprise a full strip-out, rot eradication works, external stone repairs, re-roofing and window repairs. Internally the spaces will be reinstated to a high standard including a heritage centre, new toilets, caretaker and self-catering flats, reception area, foyer, upgrading hall and stage and provision of a community hub. All mechanical and electrical installations will be replaced.

The existing building shall be completely closed during the construction works to provide the main contractor with vacant possession of the site.

## **1.03** Remit of the Report

The remit of this report is to ascertain, based on the information available, the current estimated construction and total development costs for the proposed option.

This report has been provided to assist FMTH in their applications for funding from various sources.

## 2.00 EXECUTIVE SUMMARY

### 2.01 Summary of Proposal

The works comprise the renovation and conversion to community facility of Millport Town Hall, which is within Millport conservation area.

## 2.02 Synopsis & Purpose of the Report

Brown + Wallace have appraised the current design proposals with the purpose of providing the Client with a robust Budget Cost for the Construction Works and overall Development Costs.

This report will assist the Client with the various grant applications that will be necessary to deliver an economically viable and sustainable project.



The Estimated Development Costs are summarised as follows:-

1. Works Cost Estimate, including Contingency	£ 2,324,400
2. Project Team Fees	£ 302,200
3. Other Development Costs	£ 9,600
4. Risk Allowance	included (in 1. above)
5. Client Direct Fit-Out	excluded
6. Tender Inflation (to 4Q 2019)	<u>included</u> (in 1. above)
	£ 2,636,200
VAT on Fees	£ 60,400
VAT on Works	£ 232,400) (50% standard rated: 50% zero rated)

## TOTAL ESTIMATED DEVELOPMENT COST£ 2,929,000 (4Q 2019)

For comparative purposes the Total Estimated Development Cost at today's pricing levels (2Q 2019) is £2,868,000. Allowances for Tender price inflation to estimated site start totals £56,800.

A more detailed breakdown of the Estimated Development Cost is contained within Section 3.0 and a further detailed breakdown of the Estimated Works Cost is included within Appendix 1.

## 2.03 Reflection of Current Market Conditions

Anticipated costs reported are based on current pricing levels, and projected to a potential site start date of December 2019.

It is a requirement of some funding applications that inflationary allowances are separately identified in the overall development costs.

Whilst current market conditions are still uncertain and unpredictable a small increase in output has been recently experienced and is expected to continue, albeit at a somewhat conservative level for the foreseeable future. Building Cost Inflation Service (BCIS) Published indices and recent market prices obtained by Brown + Wallace reflect this view.

It is therefore considered appropriate that if a site start is potentially December 2019, that an inflationary allowance of 2.13% be included in the summary of capital costs.

## MILLPORT TOWN HALL FEASIBILITY COSTS



## 2.04 Application of VAT

Following changes in the Budget 2012, the zero rating of VAT on approved alterations to protected buildings was withdrawn. Consequently, with the exception of one distinct area, VAT will be applied at the full rate of 20%. The one area for VAT relief is:-

• A zero rate for some construction work to suit people with disabilities may be available.

In the event that the Trust validate their charitable status, and that of the buildings use for charitable purposes, the Trust may be able to reclaim VAT, provided they are VAT registered. This may apply to elements relating to conversion to accommodation.

For the purposes of this report a split of 50/50 between standard and zero rated works has been applied.

The application of VAT on construction is a complex area and specialist accountancy advice should be sought by the Trust to ensure that the correct rates are applied.

VAT on Consultants fees and surveys etc. are always subject to VAT at the full rate.

## 2.05 Conclusion

Brown + Wallace are satisfied that this Feasibility Cost Report represents a robust and accurate assessment of the likely cost of the project, reflecting the current status of design development and prevailing market conditions.

(Craig Macdonald MRICS)

for

Signed:

Brown + Wallace 22 James Morrison Street Glasgow, G1 5PE

Date: 2 May 2019



## 3.00 DEVELOPMENT COST SUMMARY

1 ESTIMATED WORKS COST

1	Substructure		£	31,100
2	Superstructure		£	837,200
3	Internal Finishes		£	391,500
4	Fittings and Furnishings		£	85,400
5	Mechanical and Electrical Services		£	577,300
				1,922,500
6	External Works		£	37,800
				1,960,300
7	Preliminaries	10.6%	£	207,400
8	Main contractors profit and overheads (Incl. above)			0
				2,167,700
9	Contingencies	5.0%	£	108,100
			£	2,275,800
10	Inflation to site start (2Q 2019 to 4Q 2019)		£	48,600
				2,324,400

2	VAT ON WORKS (allowance for 50% VAT applicable to works; specialist advice should be sought)	20.00%	£	232,400
3	PROFESSIONAL FEES	13.00%	£	302,200
4	VAT ON FEES	20.00%	£	60,400
	TOTAL COST		£	2,919,400
5	OTHER DEVELOPEMENT COSTS			
	1 Planning 2 Advertising 3 Warrant 4 Surveys (bats)		££££	600 200 8,200 600 9,600

#### 6 RISK ALLOWANCE ESTIMATE

1	Design development risk	0.00%	£	0
2	Construction / site conditions risk	0.00%	£	0
3	Employer change risk	0.00%	£	0
-			£	0
7 C	IENT DIRECT FIT-OUT			
1	Heritage centre equipment		£	excluded
2	Conservation corner equipment		£	excluded
3	Loose furniture and fittings		£	excluded
4	Artworks		£	excluded
5	Office equipment		£	excluded
6	Community Hub tables, chairs, seating		£	excluded
7	Self Catering flats white goods and furniture		£	excluded
	• •		£	excluded

TOTAL ESTIMATED DEVELOPMENT COST (2Q 2020)

2,929,000

Notes

In compiling this budget cost we have made the following assumptions :-

1 Works competitively tendered with a main contractor and executed as a single contract

2 Existing mains services do not require upgrading or alteration

Development cost is exclusive of the following:-

- a Legal Fees
- b Finance charges
- c Client direct FF&E
- d VAT on works cost
- e Contingencies and Risk allowances



## 4.00 COST COMMENTARY

## 4.01 Constraints & Limitations

- a) The costs have initially been appraised upon current pricing levels (2Q 2019) with inflationary allowances projected to December 2019 (4Q2019).
- b) It is envisaged that the project will be procured on a competitive tender basis with suitably experienced contractors via a Public Contracts Scotland Tender Notice.
- c) Preliminaries are based upon the works being procured in one single phase and exclude any costs that may be attributable to any subsequent phasing of the works.
- d) Preliminaries are based on a typical contract period with normal working hours and no allowance for any acceleration oncosts.

## 4.02 Drawings & Other Information

Costs are based upon the following information provided by others:-

- a) Architects Information
- 00-100 Location Plan
- 00-200 Existing Lower Ground Floor Plan
- 00-201 Existing Ground Floor Plan
- 00-202 Existing First Floor Plan
- 00-203 Existing Roof Plan
- Cross Section 01
- 00-250 Proposed Lower Ground Floor Plan
- 00-251 Proposed Ground Floor Plan
- 00-252 First Floor Plan Option 1 (Mezzanine Flats Level 01)
- 00-253 First Floor Plan Option 1 (Mezzanine Flats Level 02)
- b) Engineers Information Desktop Study not available at time of report

- c) Mechanical & Electrical Information No information available at time of report
- d) Fire Strategy No information available at time of report
- e) Topographical Study No information available at time of report
- f) Site Investigation No information available at time of report
- g) Specification As interpreted from Architect's drawings
- h) Specialist Operations
   No specialist works envisaged at this stage, other than rotworks and basement tanking
- i) Building Inspection Report Prepared by Allied Surveyors Scotland dated February 2019

## 4.03 Statutory Approvals

- a) Planning Consent no formal application to date
- b) Building Warrant to current standards.
- c) Roads Construction Consent / Section 56 no formal application to date.
- d) Scottish Water approvals no formal application to date.

This report makes no allowance for any onerous conditions that may arise from the above.

## MILLPORT TOWN HALL FEASIBILITY COSTS



## 4.04 Exclusions from Construction Cost Estimate

- a) revenue costs including manager, caretaker, cleaners, construction project manager and clerk of works
- b) third party warranties and way-leaves
- c) finance charges
- d) VAT see 4.11

## 4.05 Assumptions made in the Preparation of this Cost

- a) no requirement for a contract guarantee bond
- b) reasonable access / egress to and from the site for the appropriate plant and machinery
- c) all principle excavations above ground water level
- d) no requirement for a new electrical sub-station
- e) suitable space for a plant room
- f) all excavated material suitable for disposal off site as 'inert' waste
- g) no requirement for ground gas preclusion measures

## 4.06 No Allowance Included for the Following

- a) diversion of existing services unless otherwise stated
- b) works outwith the site boundary (other than drainage connections)
- c) mineral instability or ground decontamination treatments
- d) abnormal foundations, unless otherwise stated
- e) archaeological watching brief

## 4.07 Significant Provisional Sums

Not applicable due to feasibility status.

4.08 Prime Cost Sum Allowances

Allowance for meter installation and connection charges for the undernoted utility services have been included:-

- a) Scottish Power
- b) Scottish Water
- c) British Telecom

It is envisaged that adequate capacity is available for water and electricity supplies.

## MILLPORT TOWN HALL FEASIBILITY COSTS



## 4.09 Risk Allowance

In accordance with cost planning principles, the following separate risk allowances would normally be appropriate:-

- (i) Risks associated with design development changes, e.g. statutory requirements (2.0%).
- (ii) Risks associated with site conditions, e.g. access restrictions / limitations, adjacent buildings, existing sewers (1.0%).
- (iii) Risks during design and construction associated with Employer driven changes e.g. scope of works, changes in quality and/or timing of the works (1.50%).

Allowances for (i) and (ii) are incorporated within overall works cost contingency allowance (5%). The Client considered an allowance for (iii) to be unnecessary for a charity.

## 4.10 Inflation

Anticipated costs reported are based on current pricing levels (2Q 2019) with future tender price inflation allowance to December 2019 (4Q2019).

Whilst current market conditions are still uncertain and unpredictable, a steady increase in output has been recently experienced and is expected to continue for the foreseeable future. Published BCIS indices and recent market prices obtained by Brown + Wallace reflect this view.

It is therefore considered appropriate that recognition be given in any future cost estimates to reflect these increases.

Tender price indices indicate inflationary increases as follows:

2Q 2019 to 4Q 2019 +2.13%

## 4.11 Application of VAT

VAT is <u>excluded</u> from this report.

The application of VAT on construction is a complex area and specialist accountancy advice should be sought by the Client to ensure that the correct rates are applied.

VAT at current rate of 20% may be applicable to some elements of repairs, extension, professional fees, development costs and risk allowances.

**APPENDICES** 

1 Elemental Works Cost Summary



### APPENDIX 1 - ELEMENTAL WORKS COST SUMMARY

## 30 April 2019

Total Cost of Element	Cost per m2 GFA	Element %	
			•

1	SUBSTRUCTURE			
1A	Ground floor	31,100	29.28	1%
1	Element Total	31,100	29.28	1%

2	SUPERSTRUCTURE			
2A1	Downtakings & builderswork	146,100	137.57	6%
2A2	Rot Eradication & damp-proofing	111,300	104.80	5%
2B	Upper floors	58,100	54.71	3%
2C	Roofs	113,500	106.87	5%
2D	Stairs	25,200	23.73	1%
2E	External walls	152,300	143.41	7%
2F.1	Windows and screens	106,700	100.47	5%
2F.2	External doors	7,700	7.25	0%
2G	Internal walls & partitions	58,000	54.61	3%
2H	Internal doors	58,300	54.90	3%
2	Element Total	837,200	788.32	37%

3	INTERNAL FINISHES			
3A	Wall finishes	122,500	115.35	5%
3B	Floor finishes	74,500	70.15	3%
3C	Ceiling finishes	125,700	118.36	6%
3D	Decoration	68,800	64.78	3%
3	Element Total	391,500	368.64	17%

4	FITTINGS AND FURNISHINGS			
4A	Fitted furniture & equipment (F, F & E)	85,400	80.41	4%
3	Element Total	85,400	80.41	4%

5	SERVICES			
5A	Sanitary appliances	32,900	30.98	1%
5B	Service equipment (kitchen appliances)	5,400	5.08	0%
5C	Disposal installation	20,300	19.11	1%
5D	Water installation	28,900	27.21	1%
5E-F	Heating installation	94,000	88.51	4%
5G	Ventilation system	49,900	46.99	2%
5H	Electrical installation	174,300	164.12	8%
51	Gas installation	-	-	0%
5J	Lift installation	47,300	44.54	2%
5K	Protective installation	62,900	59.23	3%
5L	Communication installation	21,300	20.06	1%
5M	Special installation	26,300	24.76	1%
5N	Builderswork in connection with services	13,800	12.99	1%
5	Element Total	577,300	543.60	25%

Building cost - carried forward	1,922,500	1,810.26	84%
	1,011,000	1,010.20	0470



#### APPENDIX 1 - ELEMENTAL WORKS COST SUMMARY

#### 30 April 2019

		Total Cost	Cost per	Element
		of Element	m2 GFA	%
	Building cost - brought forward	1,922,500	1,810.26	84%
6	EXTERNAL WORKS			
6A	Site works	13,000	12.24	1%
6B	External drainage	5,400	5.08	0%
6C	External services	19,400	18.27	1%
6D	Minor building works	-	-	0%
6	Element Total	37,800	35.59	2%
	Works cost - sub-total	1,960,300	1,845.86	86%
-				
7	PRELIMINARIES	10.6%		
<b>7</b> 7	PRELIMINARIES Element Total	10.6% 207,400	195.29	9%
-			195.29	9%
7			195.29	9%
7 8	Element Total	207,400	195.29	9%
7 8	Element Total MC Profit & Overhead (incl. in rates)	0.0%		
7 8 8	Element Total MC Profit & Overhead (incl. in rates)	0.0%		
-	Element Total  MC Profit & Overhead (incl. in rates)  Element Total	0.0%		
7 8 8 8 9	Element Total  MC Profit & Overhead (incl. in rates) Element Total  Contingencies	0.0% - 5.0%	-	0%

#### SUMMARY OF AREAS

GFA Summary		
Lower Ground Floor	441 m2	42%
Ground Floor	406 m2	38%
First Floor	195 m2	18%
Mezzanine	20 m2	2%
Total M2 GFA	1,062 m2	100%

#### NOTES

Above estimated construction cost includes the following significant allowances/assumptions:-

- 1 Asbestos removal allowance £ excluded
- 2 Rot treatments £50,000 (Wise Property Care report)
- 3 Damp-proofing £66,000 (Wise Property Care report)
- 4 Replace roof slating and leadwork allow 50%
- 5 Existing floors repaired; no allowance for acoustic upgrading
- 6 Stone repairs allowance £60,000
- 7 Replacement windows £60,000 (60%)
- 8 Reuse and upgrade existing doors (30%)
- 9 Catering kitchen £20,000
- 10 Bespoke bar and fittings £10,000
- 11 Reception desk £1,500
- 12 Stackable chairs £5,000
- 13 Lift to accommodate wheelchairs £45,000
- 14 Lighting and sound equipment excluded
- 15 Monitored CCTV security cameras in lieu of site watchman

# Appendix 02

Consultees









## **List of Consultees**

The following individuals and parties were consulted by Tom Laurie as part of the feasibility exercise:

- Jackie Wilson Local drama group
- Margaret Kennedy Tourism association
- Jean Kerr Garrison library group
- Janette Donnelly Sanctuary Millport Care Home
- Mazda Munn Art group
- Gill Miller Art group
- Kasia Smith North Ayrshire Council
- Eleanor McAllister Heritage Lottery
- Ranald McInnis Environment Scotland
- Cumbrae Beecology
- Creative Scotland
- David McGilp Visit Scotland
- Peter Broughan Film producer
- Angela Giorgetti Festival organiser
- Jan Summers Dance group
- Alister Chisholm Cathedral of the Isles
- Rhona Gourley Sonoro Choir
- Margaret Allen Dance group
- Marie Wallace History project
- Graham Wallace Cumbrae Community Council
- Angie McCallum Cumbrae Community Council
- Rena McIntyre Cumbrae Garden Club and CCDC
- Edwin Deas Author
- The Boys Brigade
- Bronwyn Deas Marketing Consultant
- James Farrell Elderly Forum
- Local businesses
- Overseas holiday home owners
- IT
- CPDs
- Website (projects, about us) / media presence / Marketing
- Instagram post(s)



Tom Laurie OBE FRICS Economic Planner Property Consultant



## Friends of Millport Town Hall also have messages of support from:

- Cumbrae Community Council •
- Isle of Cumbrae Tourist Association •
- Cumbrae Community Development Company •
- Millport Pipe Band •
- Millport Golf Club •
- Millport Burns Society •
- Cumbrae Contemporary Poetry Society •
- Sonoro Choir ٠
- The Cathedral of the Isles •
- Scottish Dance Group •
- Cumbrae Historical Society •
- Millport WI
- •
- International Writers Group Returning Worldwide Visitors •
- Scottish Dance Federation •
- Local Businesses •



**Business Plan** 



Tom Laurie OBE FRICS Economic Planner Property Consultant



#### Millport Town Hall

#### Projected Income

	Year		Year 1 Year 2		Yea	r 3	Y	ear 4	Yea	r 5	
	Notes	£	£	£	£	£	£	£	£	£	£
Heritage Centre											
Donations		1,500		1,527		1,554		1,582	2	1,611	
Entrance Fees	1	18,000	19,500	18,000	19,527	18,000	19,554	18,000	19,582	18,000	19,61:
Hall											
Hall Hire	2	15,168		15,168		15,168		15,168	2	15,168	
Private Functions	3	1,276		1,299		1,322		1,346		1,370	
Hogmanay Function	4	3,500		3,563		3,627		3,692		3,759	
Film Club	5	3,200		3,258		3,316		3,376		3,437	
Wedding Hire	6	6,000		6,108		6,218		6,330		6,444	
Seminars	7	1,000		1,018		1,036		1,055		1,074	
Millport Fundraisers	8	15,000		15,000		15,000		15,000	)	15,000	
			45,144		45,414		45,688		45,967		46,25
Cumbrae Lottery			3,600		3,665		3,731		3,798		3,86
Therapeutic Millport			5,000		5,090		5,182		5,275		5,37
Creative Millport											
Amateur Productions	9	2,350		2,392		2,435		2,479	)	2,524	
Professional Productions	10	10,000		10,180		10,363		10,550	)	10,740	
Art and Photographic Exhibitions	11	1,000		1,018		1,036		1,055		1,074	
			13,350		13,590		13,835		14,084		14,33
Accommodation											
Caretaker Residence	12	4,200		4,276		4,353		4,433		4,511	
Rental Flats	13	41,600		42,349		43,111		43,887		44,677	
		-	45,800	-	46,624	-	47,464		48,318	-	49,18
			132,394		133,910		135,453		137,025		138,62

#### Assumptions

All figures based on information provided by Tom Laurie and no further verification work undertaken

Inflationary increases assumed at 1.8% across all income sources excluding entrance fees, Donations, Fundraisers and Hall Hire based on February 2019 Consumer Price Index

#### Notes

- 1 Based on 6,000 visitors pa average £3 entry
- 2 Detailed breakdown available, based on discussions with interested community groups and current usage/rates
- 3 Assuming one function per month and additional Burns Night/St Andrews night functions
- 4 Based on 150 tickets at £15 per ticket and additional bar income
- 5 Based on 8 showings for 80 people at £5 per person
- 6 Assuming 6 weddings per year at £1,000 per wedding
- 7 Based on 2 seminars at £500 each
- 8 Based on 6 fundraising events at £2,500 each
- 9 Based on 9 productions at £150 per production and bar takings at 5 productions £200/production
- 10 Based on 12 productions at £500 each and bar takings at 10 productions £400/production
- 11 Based on 4 exhibitions per year £250 per exhibition
- 12 Based on rental income of £350/month
- 13 Three rental flats 50% occupancy, £500/week for 2 and £600/week for the largest

## Millport Town Hall

Projected Expenditure

		Yea	ar 1	Ye	ear 2	Yea	nr 3	Ye	ar 4	Ye	ar 5
	Notes	£	£	£	£	£	£	£	£	£	£
e. ((											
<u>Staff</u>											
Duty Manager	1	40,000		40,720		41,453		42,199		42,959	
Caretaker	1	20,000		20,360	_	20,726		21,100	_	21,479	_
			60,000		61,080		62,179		63,299		64,438
Energy			24,000		24,432		24,872		25,319		25,775
Marketing Costs			5,000		5,090		5,182		5,275		5,370
Accountancy			1,700		1,731		1,762		1,793		1,826
Film Royalties			720		733		746		760		773
Laundry Costs			1,000		1,018		1,036		1,055		1,074
Sinking Fund Contribution			10,000		10,180		10,363		10,550		10,740
Insurance			3,600		3,665		3,731		3,798		3,866
Bar Licences			160		163		166		169		172
Maintenance											
Emergency Lighting		2,400		2,443		2,487		2,532		2,578	
Fire Inspection/Safety		1,500		1,527		1,554		1,582		1,611	
Security System		300		305		311		316		322	
Heating		300		305		311		316		322	
Lift Service		300		305		311		316		322	
Window Cleaning		600		611		622		633		644	
Refuse Collection		1,200		1,222		1,244		1,266		1,289	
			6,600		6,719		6,840		6,963		7,088
Office Costs											
Phone/Broadband		1,140		1,161		1,181		1,203		1,224	
Web Hosting		60		61		62		63		64	
Sage Software		300		305		311		316		322	
Office Consumables		1,400		1,425	_	1,451		1,477	_	1,504	_
			2,900		2,952		3,005		3,059		3,115
			115 690		117 762	-	110 992		132.040		124 227
			115,680		117,762	-	119,882		122,040		124,237

#### Assumptions

All figures based on information provided by Tom Laurie and no further verification work undertaken

Assumed that expenses provided are inclusive of VAT

If expenses are provided net of VAT, approximately £8,000 of VAT will be incurred based on the expenditure noted

This VAT is unlikely to be reclaimable, however detailed VAT advice will require to be obtained

Inflationary increase of 1.8% assumed across all expenditure in line with CPI February 2019 figures (same would also require to be added to the potential additional VAT as noted above)

#### <u>Notes</u>

1 To include all employers national insurance and pension contributions

# Appendix 04

Energy Report









OXUS IAMSOLAR

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Mr. Tom Laurie OBE FRICS Laurie Consultancy

3<sup>rd</sup> May 2019

Dear Tom,

## Millport Town Hall

Having studied the plans for Millport Town Hall we have an opportunity to integrate a number of energygeneration and energy-saving measures in this location in order to convert the Millport Town Hall into something akin to a **Smart Building**.

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Equipped with photovoltaic panels, solar thermal panels, hybrid panels, heat pumps and various thermal as well as electrical storage facilities, smart materials, building technology and IT, the Town Hall will not only use energy, it will also produce and store it.

Complex ICT systems (Building Energy Management Systems ("BEMS")) will facilitate the optimum, automated management of energy distribution, consumption, storage and transmission. Furthermore, the Town Hall could also participate in the electricity market by selling surplus electricity for a profit.

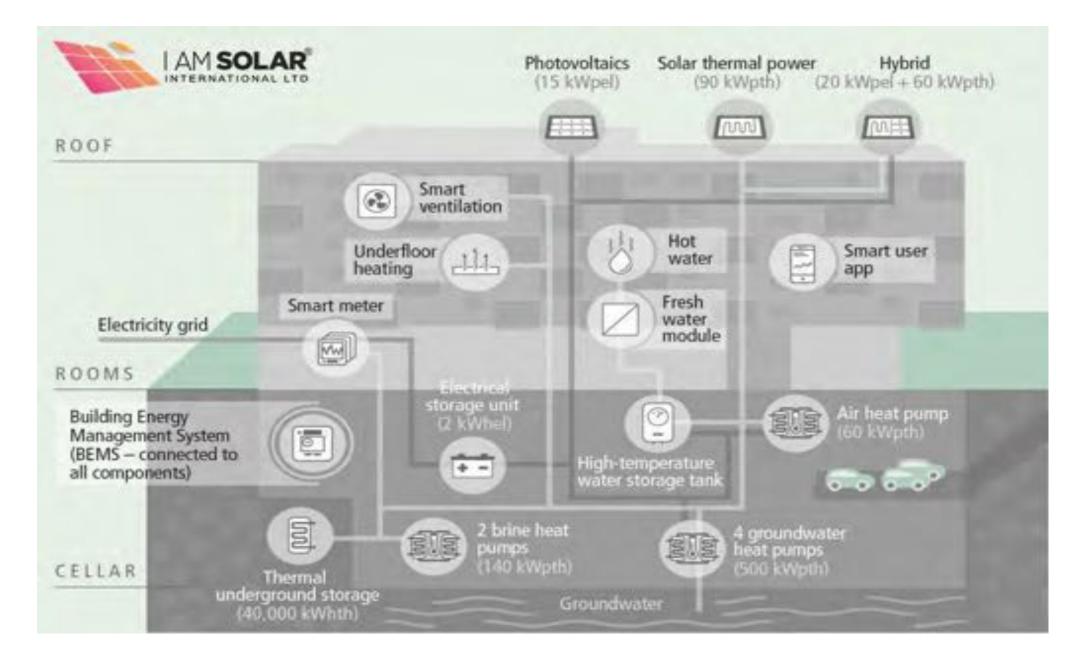
## **Basic Operation and Functions**

Basic Modules	Advanced Modules	Future Modules			
(available immediately)	(available immediately)	(design input required)			
<ul> <li>Photovoltaics (PV)</li> <li>Solar thermal</li> <li>Hybrid (PV Thermal)</li> <li>Hot Water production</li> <li>Smart User App</li> <li>Smart Meters</li> <li>B.E.M.S.</li> <li>Battery storage</li> </ul>	<ul> <li>Smart Ventilation</li> <li>Underfloor Heating</li> <li>Fresh Water modules</li> </ul>	<ul> <li>High-temp water storage tank</li> <li>Air heat pump</li> <li>Thermal underground storage</li> <li>Brine Heat pumps</li> <li>Groundwater heat pumps</li> </ul>			

## **Energy production**

- Solar Thermal panels
- PV/photovoltaic (electricity-producing) panels and
- Hybrid systems (mix of photovoltaic and solar thermal systems)

as well as heat pumps (see future installation).



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## Energy Storage

Energy produced from the mix of PV and Thermal systems is used as and when required or stored:

- In **batteries** (electricity)
- In heat storage tanks (thermal energy)

## Energy Availability to the Building & Seamless power integration

Solar power (either direct or via storage) is available at **all times** in case of a power cut to protect:

- a. critical IT/computers systems (e.g. Building Energy Management System)
- b. alarm power to restricted areas of the building
- c. generally to provide power for communications and other key systems until grid power is reestablished.

Electrical power can be delivered seamlessly from the switchboard apparatus attached to the solar array and from the Battery storage facility, into the building's backbone high voltage network.

**Note**: Thermal power is more involved and requires deeper integration with the existing plumbing network in the building.

## **Use of Smart App Devices**

The building will have at least one device (and likely more) which is integrated with the Smart Meter (see below). This is a handheld display, similar to a mobile phone or TV remote control, with a screen display that shows important information that assists the Building Manager to make better energy-saving and efficiency decisions.

## **Smart Meters**

The Smart Meter will monitor and control all of the Town Hall's functions such as how much electrical and heat energy is being used as well as the monitoring of other energy consumption such as gas units, where this is installed. All the Smart Meters in the building integrate with the **Building Energy Management System (**BEMS). The BEMS monitors and controls electricity usage, heating, ventilation and air-conditioning, ensuring that the building operates at MAX efficiency and SAVING wasted energy usage and associated costs.

I trust that the above information is of some value to yourself and your clients. We are of course happy to contribute further to your vision for this landmark building in a unique and important location and remain at your services

Yours Sincerely,

Dr Paul T. Dougan Director, for and on behalf of I AM SOLAR<sup>®</sup> International Ltd

# Appendix o5

## Surveys:

- Condition survey
- Structural survey
- Electrical survey
- Timber survey



Tom Laurie OBE FRICS Economic Planner Property Consultant





## **BUILDING INSPECTION REPORT**

<u>OF</u>

MILLPORT TOWN HALL <u>5 CLIFTON STREET</u> <u>MILLPORT</u> <u>ISLE OF CUMBRAE</u> <u>KA28 0AZ</u>

## **ON BEHALF OF**

## FRIENDS OF MILLPORT TOWN HALL

Prepared by

Allied Surveyors Scotland Building Consultancy Herbert House Glasgow G20 6NB

February 2019



Urgent	-	Where work has to be carried out forthwith to render the building safe and weathertight to preserve its integrity or must be carried out in early course, certainly within a twelve month period.
Essential	-	Where the work is of such a nature that it must be carried out for the well being of the building and should be done within five years or earlier if possible.
Desirable	-	Where the work would be beneficial but can be delayed.



1.00	INTRODUCTION		
1.01	<u>CLIENT</u>	-	Friends of Millport Town Hall
1.02	PROPERTY INSPECTED	-	Millport Town Hall 5 Clifton Street Millport Isle of Cumbrae KA28 0AZ
1.03	DATE OF INSPECTION	-	We inspected the property on 31 <sup>st</sup> January 2019 during sunny but freezing weather conditions.
1.04	INSTRUCTED BY	-	Angie McCallum, Chair – Friends of Millport Town Hall
1.05	<u>SURVEYED BY</u>	-	Scott Graham BSc (Hons) MRICS & Alan Hutchison BSc FRICS Allied Surveyors Scotland Building Consultancy Herbert House, 30 Herbert Street Glasgow, G20 6NB
1.06	PHOTOGRAPHS	-	Contained within Appendix A
1.07	FLOOR PLANS	-	Contained within Appendix B
1.08	STRUCTURAL REPORT	-	Contained within Appendix C
			Allister Campbell (B.Eng.(Hons) MSc. C.Eng. M.I.Struct.E) ATK Partnership 33 Union Street Greenock PA16 8DN
1.09	ELECTRICAL REPORT	-	Contained within Appendix D
1.10	TIMBER REPORT	-	Contained within Appendix E



1.11	GENERAL DESCRIPTION	-	Millport Town Hall was originally constructed in 1878 and is located in the centre of Millport. The original town hall building has been extended over its history and consists of various sized halls, a kitchen, toilets and basement storage.
			Roofs are generally timber pitched structures with slate finishes. External walls to the original build are stonework, with the more recently constructed areas brickwork with a roughcast finish. Rainwater goods are generally metal with isolated areas having PVCu gutters and downpipes. Windows are mainly timber sash and case or PVC type double glazing. Doors are timber panelled with flush timber fire escape doors around the property.
			Internally, the majority of rooms have lath and plaster ceilings, plaster or plasterboard walls and either carpet, vinyl or tiled floor finishes.
1.12	<u>LISTING</u>	-	Millport Town Hall is not currently listed, however it is located within the Millport conservation area.



## 2.00 **SCOPE**

- 2.01 This report provides a general guide as to the state of repair. No exposure work whatsoever has been carried out and the foundations have not been inspected.
- 2.02 Where directions of the compass are given these should be read as if the front entrance of the Town Hall faces northeast.
- 2.03 The majority of the roof voids were not accessible at the time of our inspection, and only an area next to the Female Toilets had access, although restricted.
- 2.04 It was not possible to gain direct access onto the roof coverings and therefore all information was obtained by a visual inspection from ground level or cherry picker.
- 2.05 Plasterwork has not been inspected and no underfloor inspections have been made except where stated.
- 2.06 Flues were not inspected nor electrical, gas, water, or drainage tests carried out.
- 2.07 We have not inspected woodwork or other parts of the structure which were covered, unexposed or inaccessible and are therefore unable to report that any such part of the property is free from defect.
- 2.08 Where costs have been indicated, these are purely indicative and are in no way based on contractor's estimates or quotations. We have to state that the indicated costs should be used with caution as, for example, further exposure work by a contractor may reveal that much more work is required. All costs are also exclusive of VAT and Professional Fees. Scaffold and special access costs are not included.
- 2.09 No allowance is included for reinstating plaster finish to internal face of external walls in main hall.
- 2.10 Decoration is in poor order throughout. The cost of decoration is <u>not</u> included within our costings. We recommend quotations be obtained and allowed for in considerations to reinstatement.
- 2.11 Should there be any items on which you are not clear, please do not hesitate to contact Allied Building Consultancy.
- 2.12 This report shall be for the private and confidential use of the client for whom it has been prepared and may not be reproduced in whole or in part or relied upon by third parties for any use without the express authority of Allied Building Consultancy.



## 3.00 FINANCIAL SUMMARY

			<u>Urgent</u>	<u>Essential</u>	<u>Desirable</u>
3.01	Town Hall Externals		£83,120	£48,680	£32,650
3.02	Town Hall Internals		£76,320	£106,870	£49,030
		Total	£159,440	£155,550	£81,680

Please note that the costs detailed are budgetary in nature and should be used with caution. You will also note that there are a number of items where the costs have allowed for further survey work by specialists. Costs for remedial measures recommended by these specialists have not been included and it is likely that the budget cost will increase substantially once the specialist reports have been received.



## 4.00 SUMMARY

The property is generally in a fair to poor condition and has not been maintained over the recent past. There are a number of areas that require remedial works, some of which we have listed below:-

## 4.01 Town Hall - Externals:

- 1. The slate/lead roof coverings/linings are in poor order. It may be possible to phase replacement roof coverings, but they are generally all considered to fall into either urgent or essential repair categories.
- 2. Leaking gutters and downpipes with corrosion to areas of metal rainwater goods.
- 3. Isolated areas of friable and delaminating stonework.
- 4. Cementitious mortar pointing used in areas of stonework.
- 5. Cementitious render used on stonework gable which is cracking and has vegetation growth.
- 6. Lintel above glass blocks for basement toilet cracked.
- 7. Timber decay to windows, with the majority of windows boarded up.
- 8. Timber decay to doors with decoration poor.
- 9. Corrosion to embedded structural steelwork.
- 10. Cracked and previously repaired areas of roughcast.
- 11. Stonework boundary wall severely cracked.

## 4.02 Town Hall - Internals:

- 1. Water ingress throughout building, mainly around south-west rooms.
- 2. Mould growth to walls and ceilings in certain rooms.
- 3. Exposed timbers with signs of timber decay and high moisture readings.
- 4. High moisture readings to roof timbers in void next to Female Toilets.
- 5. Nail fixings for slates corroding and salt stained due to high levels of moisture.
- 6. Electrical switchgear near main entrance corroding and in areas of high moisture.
- 7. Doors warped and sticking on operation due to moisture levels.
- 8. Structural steelwork corroding in areas of basement.
- 9. Lintels damaged or missing within basement.
- 10. Cracked plaster ceilings and walls throughout building.



## 4.03 Structural

- 1. Refer Structural Report.
- 2. Further investigation works are called for. <u>The full scope of structural repair</u> <u>has not been assessed</u>. Disruptive inspections required.
- 3. A provisional allowance is included for gable ties along the Clifton Street.
- 4. A provisional allowance is included for sundry structural repairs. This excludes remedials to concrete/steel frame.
- 4.04 Electrical Services
  - 1. The property requires a new light, power, emergency lighting and security system. The property should be rewired.
- 4.05 Timber Rot Specialists
  - 1. Refer Timber Specialist Report.



# **5.0 - CONDITION SCHEDULES**



PROPERTY: Millport Town Hall, Isle of Cumbrae					SG	Date: Feb 20	0.0	000 110	BS1454	INDICATIVE CO	ST
LOCATION	ELEMENT	DESCRIPTION			EFECT REPAIR		PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT ESSENTIAL £ £	DESIRABLE £	
EXTERNALS Roofs (F roof plan Appendi for locati Roof 1		Combination of pitched slated roofs with zinc/lead ridges, lead flashings and overcoated lead flat roof with lead flashings. Pitched, slated	Poor Evidence of pr repairs using V		Undertake overhaul t	e general o maintain	l	J	3,000		
			slates, principally at lower levels. Several slipped and missing slates elsewhere. No underslating felt below Scottish slates.		Several ssing Programme future ere. No replacement of coverings. Undertal		E			34,280	
	Roof 2	Combination of pitched, slated and lead flat roof overcoated with proprietary felt/paint system, lead flashings/linings	Poor Slating and lea in poor order, however, a hol exercise can b undertaken.	lding	overhaul, oversheet surfaces v	ing flat with felt to athertightness. ne future ent of	l	J	3,000		



PROPERTY: Millport Town Hall, Isle of Cumbrae			B.S. S	SG	Date: Feb 2	2019	Job No.	BS1454							
					•					INDICATIVE CO					
LOCATION	ELEMENT	DESCRIPTION	Good/Fair/Poor Poor Slating and leadwork in poor order Poor Source of major water		RECOM	MENDED	Priorit U - Urg E - Esse D - Desi	ENT ENTIAL	URGENT £	ESSENTIAL £	DESIRABLE £				
					coverings, fla		Strip and replace roof E coverings, flashings, inings etc, complete		E		13,800				
	Roof 3	Pitched, slated, lead finishes/linings					U		12,980						
	Roofs 4, 5 and 6	Pitched, slated, lead flashings, linings			Source of major water ingress into the building. Slating and leadwork in poor		Source of major water ingress into the building. Slating and leadwork in poor		Source of major water ingress into the building. Slating and leadwork in poor			replace roof s, flashings, omplete		U	24,840
	General	Introduce ventilation to roof voids.									Incl				
		Introduce 'mansafe' working fixings to roofs									Incl				



PROPERTY: M	Ilport Town H	all, Isle of Cumbrae		B.S. 5	SG	Date: Feb 20	019	Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION		DEFECT		MENDED	PRIORIT	Υ Υ	URGENT	INDICATIVE CO ESSENTIAL	ST DESIRABLE
			Good/Fair/Poc	or	REPAIR		U - URG E - ESSE D - DESI	ENTIAL	£	£	£
		Metal gutters and downpipes	Fair/poor - decoration fla and worn throu leaking gutter throughout pro areas of veget growth	ughout, joints operty,	goods, e flowing a			U	2,500		
		Concrete slab (stairs to basement)	Fair/poor - cracking to concrete slab and water staining/paint flaking internally		Carry ou	t repairs to roof	U		8,400		
North-West Elevation (Side)	External Walls	Sandstone	Fair - stonework fri areas of previo repairs.		Descale stonewor	loose rk and monitor		U	600		
			- mortar pointil repairs poor al appears to be cementitious il nature. Areas vegetation gro	nd n of		t and repoint poor pointing		U	3,600		



PROPERTY:	Millport Town H	Hall, Isle of Cumbrae	B.	.S. SG	Date: Feb	2019	Job No	. BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEF Good/Fair/Poor	ECT REC REP	OMMENDED AIR			URGENT £	INDICATIVE CO ESSENTIAL £	ST DESIRABLE £
		Structural repairs	- stonework visibl wet, stained and vegetation growth behind downpipes Refer to Structura Engineer report – bulge evident to v and structural ties covered with meta cladding	al Refe wall Cons s meta	r to engineer repo equired repairs - sider replacing I cladding to mato th character of	é rt	U	600		2,200
	Windows	Timber sash and case	Poor - glazing damage throughout with a large number of windows boarded Timber decay evid to window frames sills, with decorat poor	u over inclu dup. dam ident timbe and deco tion (Con	Carry out major overhaul of windows, including replacing damaged glazing, timber repairs and decoration (allowance) (Consider replacing all windows)		U	6,000		18,800



PROPERTY: M	illport Town H	all, Isle of Cumbrae		B.S. S	G	Date: Feb 20	019	Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION D Good/Fair/Poo		RECOM REPAIR	MENDED	Priorit U - Urg E - Esse D - Desi	ENT ENTIAL	URGENT £	INDICATIVE CO ESSENTIAL £	ST DESIRABLE £
North-East Elevation (Front)	Doors External Walls	Solid core timber door Sandstone	Fair/poor - timber decay level and deco poor Fair - stonework fri areas of previo repairs.	oration able to	out isola repairs, i (Conside Descale	l door and carry ted timber redecorate er replacing) loose rk and monitor		U D U	150 600		500
			- mortar pointin repairs eviden possibly ceme in nature, isola pointing appea friable	t, ntitious ated		t and repoint poor pointing		E		300	
		Structural repairs	- horizontal cra to lintels above basement toile window openir	e et	Refer to for requi	engineer report red repairs		U	*		
			- wall bulging a twisting at eav along front ele	es level		engineer report red repairs		U	*		



PROPERTY:	Millport Town H	Iall, Isle of Cumbrae		B.S. 5	G	Date: Feb 20	019	Job No.	BS1454		
										INDICATIVE CO	
LOCATION	ELEMENT	DESCRIPTION	CONDITION I Good/Fair/Poo		RECOMI	MENDED	Priorit U - Urg E - Esse D - Desi	ENT ENTIAL	URGENT £	ESSENTIAL £	DESIRABLE £
	Windows	PVCu casement	Fair/poor - glazing dam windows with of windows bo	majority barded	including	of windows, replacing		U	3,000		
			up/soiling and vegetation to windows with mastic poor in areas. Fair/poor - timber decay at low level and decoration poor		windows) at low Overhaul door and car			D	200		9,950
	Doors	Solid core timber door (w/ glazing to main entrance doors)						U			
						r replacing)		D			1,200
		Metal gate (basement toilet)	Fair/poor - corroding throughout and decoration poor		Rub dow redecora	n door and te		U	100		



PROPERTY: N	1illport Town H	Iall, Isle of Cumbrae	B.S	SG	Date: Feb 2	019	Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFEC	CT RECON REPAIL	MMENDED R	PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	INDICATIVE CC ESSENTIAL £	DESIRABLE £
South-East Elevation (Side)	External Walls	Sandstone	Fair/poor - stonework friable t areas of previous repairs/cracking evident to stonewor joints and isolated lintels	stonew stone r	Descale loose stonework, carry out stone repairs and monitor		U	300		
			- mortar pointing repairs evident, cementitious in nature, isolated pointing appears friable. (allowance)	3		U		3,000		
		Roughcast brickwork	Fair/poor - previous repairs to roughcast evident. Areas of roughcast spalled, cracked and vegetation growth present.	hack of re-roug			U	800		



PROPERTY:	Millport Town H	all, Isle of Cumbrae	В	.S. SG	Date: Feb 20	019	Job No.	BS1454		
	ELEMENT	DESCRIPTION	CONDITION DEF		MMENDED	PRIORIT	V	URGENT	INDICATIVE CO	ST DESIRABLE
LOCATION		DESCRIPTION	Good/Fair/Poor	REPAI		U - URGE E - ESSE D - DESII	ENT NTIAL	£	£	£
			- roughcast wall a stairs to basemen toilet in poor cond with cracking throughout and vegetation growth	nt rougho dition re-roug stairs t toilets	Hack off loose roughcast, repair, and re-roughcast access stairs to basement toilets		J	600		
		Structural repairs	Refer to Structura engineer report – bulge evident to v and structural ties covered with met cladding	rt – for required repairs - to wall Consider replacing ties metal cladding to match		D *				
			Horizontal crackin corrosion to reinforcement an spalling to concre structure	for req	o engineer report uired repairs	U	*			
	Windows	PVCu casement	Fair - vegetation to windows with ma poor in areas.		out overhaul of vs, replace mastic ance)	ι	J	2,250		



PROPERTY: M	illport Town H	Iall, Isle of Cumbrae	B.S.	SG	Date: Feb 20	019	Job No.	. BS1454		
	I	1		1		1			INDICATIVE CC	
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFECT Good/Fair/Poor	RECOM	MENDED	PRIORIT U - URGI E - ESSE D - DESI	ENT ENTIAL	URGENT £	ESSENTIAL £	DESIRABLE £
		Timber sash and case	Poor - glazing damaged with timber decay evident to window frames and sills, decoration poor	Replace match e	windows to xisting	l	ſ	3,600		
	Doors	Solid core timber doors/ sliding timber door	Fair/poor - timber decay at low level and decoration poor	Overhaul door and carry out isolated timber repairs, redecorate		U		300		
South-West Elevation (Side)	External Walls	Sandstone with rendered finish	Fair/poor - rendered finish severely cracked, potentially boss and cementitious in nature	out pote	e render, carry ntial stone and make good	U		2,700		
External Areas	Grounds	Stone wall	Fair - large cracking and wall leaning slightly at south corner of site next to Kitchen/Hall		engineer report red repairs	t	J			



PROPERTY: Mi	Ilport Town H	all, Isle of Cumbrae		B.S. S	G	Date: Feb 20	019	Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION Good/Fair/Po		RECOM REPAIR	MENDED	Priorit U - Urg E - Esse D - Desi	ENT ENTIAL	URGENT £	INDICATIVE CO ESSENTIAL £	ST   DESIRABLE £
		Timber gate	Fair/poor - timber gate decaying and decoration worn throughout Areas of waste, bins,		Consider replacing			E		100	
		General	Areas of waste, bins, and overgrown vegetation throughout south garden area		Clear external areas		E			200	
INTERNALS GROUND FLOOR OFFICE (0/007)	Ceiling	Lath and plaster, painted	Fair - water damage at south-west corner of room, areas of cracking throughout ceiling			epair, and rea of plaster	U		500		
	Walls	Plaster, painted	Fair - areas of cra and isolated v damage at so west corner	water		te water repair, and rea of plaster		J	400		



PROPERTY: N	Millport Town H	all, Isle of Cumbrae		B.S. S	ŝG	Date: Feb 20	019	Job No	. BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION [ Good/Fair/Poo		RECOM	MENDED	Priorit U - Urg E - Esse D - Desi	ENT ENTIAL	URGENT £	INDICATIVE COS ESSENTIAL £	ST DESIRABLE £
CLOAKROOM (0/008)	Ceiling	Lath and plaster, painted	Fair - mould growth throughout, possible areas of raised moisture levels		Investigate possible water ingress, repair ceiling and redecorate		U		790		
	Walls	Plaster, painted	Fair/poor - areas of cracking and isolated water damage at south- west corner, mould growth throughout		Investigate water ingress, repair, and replace area of plaster		U		200		
	Door	Timber, painted	growth throughout Fair/poor - door swollen and does not close		Ease and consider to mould	replacing due	E			70	280
MALE TOILET (0/009)	Ceiling	Lath and plaster, painted	Fair - mould growt throughout, ar raised moistur at south-east at external wa	reas of re levels corner	water ing	te possible press, repair nd redecorate		U	380		



PROPERTY: N	/lillport Town H	all, Isle of Cumbrae		B.S. S	G	Date: Feb 20	019	Job No	. BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DE	EFECT	RECOM	IENDED	PRIORIT U - URG		URGENT £	INDICATIVE CO	ST DESIRABLE £
			Good/Fair/Poor	•			E - ESSE D - DESI	INTIAL	2	2	2
	Walls	Plaster, painted	Fair/poor - areas of crack and isolated wa damage at sout west corner, mo growth througho	ater th- ould		te water epair, and plaster repairs		IJ	240		
			- plaster cracked and high moisture levels around WC pan		Investigate water ingress and repair		U		160		
CIRCULATION (0/006)	Ceiling	Lath and plaster, painted Timber cladding in areas	Fair - high moisture and timber deca panelling near t Office (0/012)	ay to	Investiga ingress a timber cla	nd replace		U	420		
	Walls	Plaster, painted	Fair - areas of crack mould growth throughout	king,	Carry out and rede	plaster repairs corate		U D	80		750
	Floor	Vinyl floor finish, on timber flooring	Fair - flooring uneve areas throughou corridor		flooring a	te uneven nd carry out necessary		E	250		



PROPERTY:	Millport Town H	all, Isle of Cumbrae	B.S	S. SG	Date: Feb 2	019	Job No	. BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFE Good/Fair/Poor	CT RECOM REPAIF	MENDED	PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	INDICATIVE CC ESSENTIAL £	DESIRABLE £
KITCHEN (0/010)	Walls	Plaster, painted	Fair - areas of raised moisture levels alo base of wall separating Office (0/012) and wall separating stairs		Investigate raised moisture levels and repair		U	300		
OFFICE (0/012)	Ceiling	Lath and plaster, painted	Poor - water damage throughout room w areas of water ponding to floor	ith ingress,	Investigate water ingress, repair, and replace ceiling		U	2,980		
			- corrosion staining plaster on beam at south of room	steel co and car	Investigate possible steel corrosion to beam and carry out repairs (allowance)		U			
	Walls	Plaster, painted	Fair/poor - areas of cracking and isolated water damage, mould growth throughout	ingress,	ate water repair, and damaged areas er		U	800		



PROPERTY: M	/lillport Town ⊦	all, Isle of Cumbrae		B.S. S	SG	Date: Feb 2	019	Job No.	BS1454		
										INDICATIVE CO	ST
LOCATION	ELEMENT	DESCRIPTION	CONDITION I Good/Fair/Poo		RECOMI REPAIR	MENDED	Priorit U - Urg E - Esse D - Desi	ENT ENTIAL	URGENT £	ESSENTIAL £	DESIRABLE £
	Floor	Vinyl floor finish, on timber	Poor - flooring unev water ponding throughout		flooring a repairs if			J	500		
	Door	Timber, painted	Poor - door swollen does not oper correctly		Replace existing	door to match		E		300	
CIRCULATION (0/005)	Ceiling	Lath and plaster/ plasterboard, painted	Poor - water damag throughout are		Investiga ingress, replace c	repair, and		J	950		
	Walls	Plaster, painted	Poor - high moistur to plaster wall throughout, particularly are fire exit door	S	replace of plaste	te water repair, and lamaged areas r, possible pairs required		L	600		



PROPERTY:	Millport Town H	all, Isle of Cumbrae	В.	S. SG	Date: Feb 2	019	Job No	. BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFE Good/Fair/Poor	ECT RECOM REPAIF	IMENDED	PRIORIT U - URG E - ESSE D - DESI	ENT ENTIAL	URGENT £	INDICATIVE CC ESSENTIAL £	DESIRABLE
HALL (0/003)	Ceiling	Suspended ceiling tiles	Fair - isolated ceiling ti are water stained/ damaged		ate and repair		U	250		
	Walls	Plaster, painted	Fair/poor - area of water staining and crack plaster near to fire exit door at north- west corner	ed ingress, replace	ate water repair, and damaged areas er	U		640		
			- water ingress and damaged plaster a window lintel at no east corner, water staining to expose lintels	at ingress, orth- replace of plaste	of plaster, refer to structural engineer		U 100			
			- separating wall w Circulation 0/001 i covered in mould a has high moisture readings	is ingress, and replace	ate water repair, and damaged wall		U	1,800		



ROPERTY: Millport Town Hall, Isle of Cumbrae			. 5G	Date: Feb 2	019	JOD NO.	. 851454		
ELEMENT	DESCRIPTION	CONDITION DEFE			PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	INDICATIVE CC ESSENTIAL £	DESIRABLE
		- cracking to plaster wall at high level around stage area	report, carry out plaster		U	*			
Ceiling	Lath and plaster/ plasterboard, painted	partially collapsed,	ingress, replace	Investigate water ingress, repair, and replace ceiling		U 480			
Walls	Plaster, painted		o ingress,	repair, and	l	U 1,350			
Floor	Timber T&G floorboards	room with areas of	t preserva		l	J			
	Ceiling Walls	ELEMENT       DESCRIPTION         Ceiling       Lath and plaster/ plasterboard, painted         Walls       Plaster, painted	ELEMENT       DESCRIPTION       CONDITION DEFER         Good/Fair/Poor       Good/Fair/Poor         Ceiling       Lath and plaster/ plasterboard, painted       - cracking to plaster wall at high level around stage area         Ceiling       Lath and plaster/ plasterboard, painted       Poor - lowered plasterboard ceiling partially collapsed, high moisture levels throughout         Walls       Plaster, painted       Poor - high moisture levels throughout         Floor       Timber T&G floorboards       Fair/poor - high moisture readings throughout room with areas of	ELEMENT       DESCRIPTION       CONDITION DEFECT       RECOM         Good/Fair/Poor       Good/Fair/Poor       Refer to report, or repairs         Ceiling       Lath and plaster/ plasterboard, painted       Poor - lowered plasterboard ceiling partially collapsed, high moisture levels throughout       Investig ingress, replace         Walls       Plaster, painted       Poor - high moisture levels and mould growth to plaster walls throughout       Investig ingress, replace         Floor       Timber T&G floorboards       Fair/poor - high moisture readings throughout       Refer to report, or repairs	ELEMENT       DESCRIPTION       CONDITION DEFECT Good/Fair/Poor       RECOMMENDED REPAIR         Ceiling       Lath and plaster/ plasterboard, painted       - cracking to plaster wall at high level around stage area       Refer to engineer's report, carry out plaster repairs         Valls       Plaster, painted       Poor - lowered plasterboard ceiling partially collapsed, high moisture levels throughout       Investigate water ingress, repair, and replace ceiling         Walls       Plaster, painted       Poor - high moisture levels and mould growth to plaster walls throughout area       Investigate water ingress, repair, and replace plastered walls         Floor       Timber T&G floorboards       Fair/poor - high moisture readings throughout room with areas of       Refer to timber preservation report	ELEMENT       DESCRIPTION       CONDITION DEFECT Good/Fair/Poor       RECOMMENDED REPAIR       PRIORIT U - URGI E - ESSE D - DESI         Ceiling       Lath and plaster/ plasterboard, painted       - cracking to plaster wall at high level around stage area       Refer to engineer's report, carry out plaster repairs       U         Walls       Plaster, painted       Poor - lowered plasterboard ceiling partially collapsed, high moisture levels and mould growth to plaster walls       Investigate water ingress, repair, and replace ceiling       U         Walls       Plaster, painted       Poor - high moisture levels and mould growth to plaster walls throughout area       Investigate water ingress, repair, and replace ceiling       Investigate water ingress, repair, and replace plastered walls         Floor       Timber T&G floorboards       Fair/poor - high moisture readings throughout room with areas of       Refer to timber preservation report       Refer to timber preservation report	ELEMENT       DESCRIPTION       CONDITION DEFECT Good/Fair/Poor       RECOMMENDED REPAIR       PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE         Ceiling       Lath and plaster/ plasterboard, painted       - cracking to plaster wall at high level around stage area       Refer to engineer's report, carry out plaster repairs       U *         Valls       Plaster, painted       Poor - lowered plasterboard ceiling partially collapsed, high moisture levels throughout       Investigate water ingress, repair, and replace ceiling       U         Walls       Plaster, painted       Poor - high moisture levels and mould growth to plaster walls throughout area       Investigate water ingress, repair, and replace plastered walls       U         Floor       Timber T&G floorboards       Fair/poor - high moisture readings throughout room with areas of       Refer to timber preservation report       U	ELEMENT       DESCRIPTION       CONDITION DEFECT Good/Fair/Poor       RECOMMENDED REPAIR       PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE       URGENT £ - ESSENTIAL D - DESIRABLE         Ceiling       Lath and plaster/ plasterboard, painted       - cracking to plaster wall at high level around stage area       Refer to engineer's report, carry out plaster repairs       U *         Walls       Plaster, painted       Poor - lowered plasterboard ceiling partially collapsed, high moisture levels throughout       Investigate water ingress, repair, and replace ceiling       U       480         Walls       Plaster, painted       Poor - high moisture levels and mould growth to plaster walls       Investigate water ingress, repair, and replace plastered walls       U       1,350         Floor       Timber T&G floorboards       Fair/poor - high moisture readings throughout room with areas of       Refer to timber preservation report       U	ELEMENT       DESCRIPTION       CONDITION DEFECT Good/Fair/Poor       RECOMMENDED REPAIR       PRIORITY U - URGENT E - SSENTIAL D - DESIRABLE       URGENT £       ESSENTIAL £         Ceiling       Lath and plaster/ plasterboard, painted       - cracking to plaster wall at high level around stage around around stage around around program around aroun



PROPERTY:	Millport Town H	all, Isle of Cumbrae	B.S.	SG	Date: Feb 20	019	Job No	. BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFEC	T RECOM REPAIR	IMENDED	PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	INDICATIVE CC ESSENTIAL £	DESIRABLE
ENTRANCE (0/001)	Ceiling	#Lath and plaster, painted	Fair/poor - potential water staining and raised moisture levels, decoration flaking throughout	water in	Investigate possible water ingress, repair, and carry out repairs to ceiling		U			
	Doors	Solid core timber door (w/ glazing)	Fair/poor - timber decay at low level and decoration poor	<ul> <li>out isola repairs,</li> </ul>	Overhaul door and carry out isolated timber repairs, redecorate (Consider replacing)		U	Incl. previously		
STORE (0/001A)	Ceiling	Exposed timber joists	Fair - spliced timber repairs evident, wate staining to timbers near window lintel		ate water , repair		U	240		
	Walls	Plaster, painted	Fair/poor - high moisture level to plaster walls in areas, cracked and boss plaster	ingress,	ate water , repair, and ut repairs to walls	U		1,350		



PROPERTY: N	/lillport Town H	all, Isle of Cumbrae		B.S. SG Date: I		Date: Feb 20	019	Job No	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION D Good/Fair/Poo	REPAIR		MENDED	PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	INDICATIVE CO ESSENTIAL £	ST DESIRABLE £
	Floor	Timber T&G floorboards	Fair/poor - high moisture readings throughout room with areas of timber decay noted		Refer to timber preservation report		U				
FIRST FLOOR CIRCULATION (1/001)	Walls	Plaster, painted Timber panelling	Fair - high moisture levels to plaster walls in areas (near window), cracked and boss plaster, mould to timber panelling		Investigate water ingress, repair, and carry out repairs to walls		U		240		
CIRCULATION (1/004)	Ceiling	Lath and plaster, painted	Fair/poor - water staining, high moisture levels and mould growth to isolated areas of ceiling			te water repair, and repairs to		IJ	240		



PROPERTY:	Millport I own H	Hall, Isle of Cumbrae	B.S.	B.S. SG Date: Feb 2		019	019 Job No.			
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFECT Good/Fair/Poor	RECOM	MENDED	PRIORIT U - URG E - ESSE D - DESI	ENT ENTIAL	URGENT £	INDICATIVE CC ESSENTIAL £	DESIRABLE
	Walls	Plaster, painted	Fair/poor - raised moisture levels to plaster walls in areas, cracked plaster and mould growth	Investigate possible water ingress, repair, and carry out repairs to walls		U		200		
TOILETS (1/002)	Ceiling	Plasterboard/plaster, painted	Fair/poor - water staining, high moisture levels and mould growth to isolated areas	ingress, r	Investigate water ingress, repair, and carry out repairs to ceiling Investigate possible water ingress, repair, and carry out repairs to walls		U	120		
	Walls	Plaster, painted Timber panelling	Fair/poor - raised moisture levels to plaster walls, particularly around downpipe and above windows, cracked plaster and mould growth	water ing and carry			U	180		



PROPERTY:	Millport Town H	lall, Isle of Cumbrae		B.S. SG Date: Feb 2		2019 Job No.		. BS1454			
LOCATION	ELEMENT	DESCRIPTION		CONDITION DEFECT Good/Fair/Poor		MENDED	PRIORIT U - URG E - ESSE D - DESI	ENT ENTIAL	URGENT £	INDICATIVE CO ESSENTIAL £	ST DESIRABLE £
BASEMENT	Ceiling	Exposed timber joists, steel beams and timber flooring	staining and e corrosion to supporting steelwork - water ingress areas and timber decay to areas along Howard Street and Clifton e Street elevations, p water ingress at south-west corner s Fair - lintels missing to e isolated windows, e		engineer Investiga ingress a refer to s engineer preserva remedial	te water areas, repair,		J *			
	Walls	Exposed brickwork/ stonework, painted			Refer to structural engineer and timber preservation report *		U				



PROPERTY: Mil	llport Town F	lall, Isle of Cumbrae		B.S. S	SG	Date: Feb 20	019	Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION I Good/Fair/Poo	REPAIR				URGENT £	INDICATIVE CC ESSENTIAL £	ST DESIRABLE £	
FEMALE TOILETS (-1/001)	Ceiling	Plasterboard/plaster, painted	mould growth to isolated areas Fair/poor - cracking throughout tiled walls around door openings at lintels - tiles bulging, cracked and		and ingress, repair, and carry out repairs to ceiling ghout Investigate, repair, refer to recommendations from structural engineer Remove and replace ceramic tiles, further		and to air, refer *U ions ngineer place *U ther		800		
	Walls	Plaster, tiled									



PROPERTY: N	/lillport Town H	lall, Isle of Cumbrae		B.S. SG		Date: Feb 2019		Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION DEFECT Good/Fair/Poor		RECOM REPAIR	MENDED	PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	INDICATIVE CO ESSENTIAL £	ST   DESIRABLE  £
ROOF VOID at 1/004 CIRCULATION	General	Exposed timber roof structure	Fair/poor - high moisture readings throughout with water staining to timbers, nail fixings corroding throughout, previous timber repairs evident to structure			tion report for ended repairs	*	*U			
GENERAL	CAWR	Asbestos survey and management Structural Works	-		Asbestos out prior works to carry out	Refurbishment s survey carried to carrying out building, and any ended works		U	£incl.		
		Gable restraint to Clifton Street Disruptive surveys by Concrete Specialist (Report only)			New rest	raint ties	E		3,000	5,000	



PROPERTY:	Millport Town H	all, Isle of Cumbrae		B.S. S	SG	Date: Feb 2	019	Job No.	BS1454		
LOCATION	ELEMENT	DESCRIPTION	CONDITION I Good/Fair/Poo	REPAIR		MENDED	PRIORITY U - URGENT E - ESSENTIAL		URGENT £	INDICATIVE CO ESSENTIAL £	ST   DESIRABLE   £
		Provisional Sum for isolated repairs ( <u>excludes</u> concrete beams/columns)					D - DESI			10,000	
		<u>Timber Specialist Works</u> Roof Void				at roof voids, al allowance r repairs		Ξ		10,500	
		External Walls			Replacer safe linte	nent of timber Is		Ξ		31,000	
					Chemica indicated	l irrigation as	l	J	21,000		
		Floors				al allowance s (£10,000) ment	l	J	13,300		
		Basement			Proprieta proofing			C			48,000
					Chemica proofing	l damp		E		10,000	



PROPERTY: M	PROPERTY: Millport Town Hall, Isle of Cumbrae				G	Date: Feb 20	019	Job No.	. BS1454		
								INDICATIVE CO	ST		
LOCATION	ELEMENT	DESCRIPTION	CONDITION Good/Fair/Po	ONDITION DEFECT ood/Fair/Poor		MENDED	PRIORITY U - URGENT E - ESSENTIAL D - DESIRABLE		URGENT £	ESSENTIAL £	DESIRABLE £
		Electrical Installation		heating,		power and poor order nal Sums)	E		20,000	40,000	



# APPENDIX A

PHOTOGRAPHS







Photo 3. Cracking to high level render



Photo 5. Decaying escape door



Photo

General Howard Street elevation



Photo

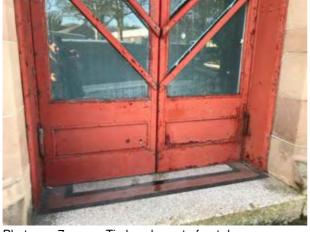
4.

Water staining around downpipe



Photo Previous mortar repairs to front 6. elevation





7.



Photo

9.

South-east corner elevations



Cracking and vegetation growth to Photo 11. basement toilet entrance



Photo 8.

General front facing elevations



Cracking across lintel to basement windows Photo 10.



Photo

General view of grounds





Photo

General cracking to structure of south-east extensions



Photo

General of south-east elevations



Photo 17.



Photo

14.

Corrosion to embedded steelwork



Photo

16. High moisture levels and staining to timbers in basement



Photo General view of roof void accessed 18. near 1<sup>st</sup> Floor Female Toilet

Corrosion to steelwork in basement





Photo

High moisture readings to timber sarking and corroding nail fixings



Photo

Water damage around downpipe



View of water staining and previous timber repairs to roof void Photo 20.



Photo 22.

Mould growth and high moisture levels in store at main entrance



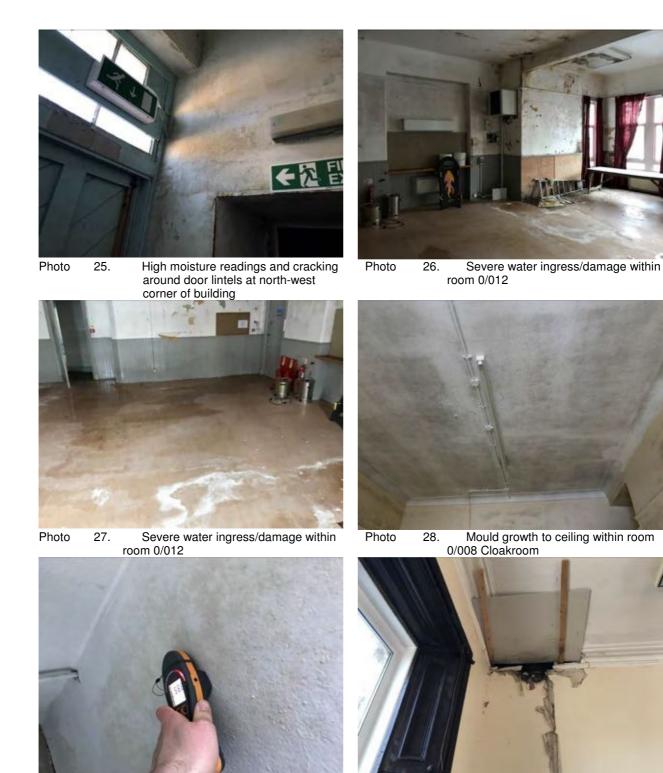
Photo 24. High moisture levels and mould to wall within main hall



Photo

Corroding electrical switchgear





High moisture readings in Male Toilet

Photo

29.

Photo 30. Water damage to ceiling within room 0/007 Office



## APPENDIX B

PLANS



## APPENDIX C

### STRUCTURAL REPORT



### APPENDIX D

## **ELECTRICAL REPORT**



### APPENDIX E

### TIMBER PRESERVATION REPORT



## APPENDIX C

STRUCTURAL REPORT



Our Ref. LTR/13277/1/RS

Your Ref.

CIVIL AND STRUCTURAL ENGINEERING CONSULTANTE

35 UNION STREET GREENOCK, PA15 80N

TELEPHONE 01475 787797 FAX 01475 727990

e-mail: mali@atk-pertnership.co.uk

Date: 05 February 2019

Allied Stewart & Williamson 35a Union Street Greenock PA16 8DN For the attention of Alan Hutchison

Dear Sirs

### Structural Inspection at Millport Town Hall, Millport

In response to your recent instruction regarding an inspection at the above, we confirm our Mr Campbell visited the above property on the 31<sup>e</sup> January 2019.

The purpose of the inspection was to comment on the general condition of the town hall in relation to possible redevelopment.

#### Description & Observations

The property is located at the corner of Clifton Street and Howard Street in Millport with rear garden grounds sharing boundary walls with neighbouring properties along its southern edge and sharing the gable wall of a three-storey tenemental style property along its western edge.

Construction appears to be typical for its age and style with heavy stone outer walling, dual pitched slated roofs and suspended timber ground floor spanning between outer walls and intermediate steel beams supported on masonry piers within the basement.

From an inspection of the outer walls, they generally appeared to be in a reasonable condition although displaying signs of weathering and movement in places:

#### Northwest Elevation (along Howard Street)

Stonework and jointing appear to be relatively sharp and intact. However, several sections of previously repaired stonework now appear to be damaged and have become loose.

Significant damp staining could be seen along the base of the side wall and adjacent to each rainwater downpipe.

Open joints in the masonry/.....

DIRECTORS

JORN ANDERSON BOL (EAS) G.R.M. M.I. STRALE.

ALLISTER CAMPBELL & Exa (Horse) Mill. C.Cop. W.I.Struck E ...

### Structural Inspection at Millport Town Hall, Millport (Cont...)

Open joints in the masterry and hairline cracking were noted alongside several downpipes and below the low level roof gattering.

A noticeable outwards lean and bulge could be clearly seen along the Howard Street elevation but evidence of previous structural remedial were noted across the top of the wall - protected and covered over using metal cladding.

Guttering appeared to be choked and damaged in places with significant weed growth noted in places.

Moss/lichen growth, weeds and damp staining could also be seen adjacent to both gables and club skews/flashings.

### Northeast Elevation (along Clifton Street)

Stonework and jointing in general appears to be relatively sharp and intact across the gable elevation. However, a slight twist and outwards hulge could be seen at eaves level across the front elevation.

Damp staining was also noted along the base of the wall, below the gable club skews and deconstive stone windowidoor hoods and cills.

The adjacent small hall also appears to be of similar construction and in a reasonable condition albeit cracking could be seen across both Clifton Street basement window openings (listels).

#### Southeast Elevation

This area has been altered and estended but also includes the adjacent small hall.

Alongside the smaller hall, a two-storey extension of traditional construction has been built off a steel and concrete frame sub-frame providing an undercroft area and access to the main basement.

A further single-storey extension has also been erected in the South corner alongside the boundary walls on a similar steel and concrete sub-frame with undercroft for storage and access to rear gardens.

Significant damp staining could be seen across the Southeast elevation with damaged/choked gutters and downpipes noted in several locations. Evidence of localised render repairs were noted across both extensions and rear gable wall of the adjacent small hall.

Some of the support frames have been damaged (loose/missing concrete and render) with unibedded stoelwork now exposed in places and demonstrating severe corrosion. Several main support beams, columns and capping plates now appear to be affected and in need of further investigative works and repairs.

In addition, severe cracking and exposed embedded steelwork could also be seen across the underside of the two-storey extension's suspended upper floor slab. At this stage, we suspect each of these cracks to denote the positions of support beams and will also need to be investigated further.

Cracking and open joints in the masonry were noted across the small hall's gable elevation which appears to continue through both basement outer leaf window lintels.

Southwest Gable Elevation/.....

### Structural Inspection at Millport Town Hall, Millport (Cont...)

#### Southwest Gable Elevation

Several diagonal and vertical cracks, damp staining and sections of loose/damaged render could be seen across the main hall's high level gable wall.

From our external inspection of the high level and low level roofs (restricted to street level) they generally appeared to be in a reasonable condition, although we observed widespread moss and lichen across each slated roof slope as well as several areas of damp staining with choked/damaged gutters.

We also noted a few sections of missing/loose and damaged roof slates and flashings.

The ridge lines appear to be in a reasonable condition, however, slight drops in the roof shape could be seen adjacent to each gable (high level roof) and adjacent to the small hall's Southeast gable elevation.

Evidence of localised flashing repairs could be seen across each roof slope as well as alongside the gables and club skews. However, several sections of flashings and high level masonry appear to be loose and in need of further repair/remedial works.

Internally, widespread evidence of water ingress and dampness could be seen throughout the main hall and smaller side halls (extensions) across several sections of ceiling and down internal and external walls.

Significant damage was also noted within the near small hall (in the South corner) with sections of missing lath and plaster, exposing roof timbers and upper floor joists which appear to be damp and exhibiting signs of possible timber decay. Large areas of surface water were noted to be ponding across several sections of suspended ground floor.

Diagonal cracking could be seen across the main hall's Southwest gable wall alongside the stage area which we suspect match some of the cracks observed externally across this section of walling.

Water ingress and suspected timber decay which may have affected the door lintels over the door opening between the main hall and rear corridor were also noted on the opposite side of the main stage.

Evidence of previous remedial works and repairs could be seen within the main hall along the Northwest elevation with multiple concrete lintels partially exposed across one of the large window openings. The plasterwork in this area appears to be wet and has dropped from the underside of the window opening. The underside of the lintels were also noted to be damp.

Hairline cracking and signs of water ingress with dampness could be seen within the upper floor toilet and across sarking beards/trasses within the attic roof void. Evidence of previous remedial work was also noted within the attic roof void in the form of roof trass rafter end repairs and structural tie rods with steel restraints. Access into the main roof truss void was restricted by the presence of stored materials and wall/ceiling finishes within the main hall.

Within the basement area, several window and door opening lintels appear to be affected by timber decay. In some cases, timber lintels have either been removed or cut away to permit services to pass through with no attempt to replace what has been removed or damaged.

The basement in general/......

### Structural Inspection at Millport Town Hall, Millport (Cont...)

The basement is general appears to be relatively dry and well ventilated. However, significant signs of water ingress and dampness with suspected timber decay could be seen along Howard Street and Clifton Street with surface corrosion across supporting steelwork. Severe water ingress and dampness was also noted in the South corner at the junction between the main hall and small hall.

## **Conclusions & Recommendations**

We would conclude from our inspection of the property that the general signs of movement observed throughout were of an historical nature with no real signs of recent movement or orgoing activity. However with a simple inspection it is almost impossible to advise that movement has ceased.

As our external inspection of the roof was from street level, we would recommend giving consideration to a high level roof inspection in order to check the condition of roof flashings and high level masonry.

With regards to the damp staining noted throughout the building we would also recommend that a timber specialist is appointed to undertake a full survey of the property, including all embedded timbers elements such as lintels and joist ends as they can also be prone to decay. They should also be asked to inspect the roof space and report on the condition of the roof timbers, in particular over the rear smaller halls.

In terms of the missing and damaged timber lintels noted within the basement, allowances must be made for repairing or replacing them using multiple Robeslee type C (or equivalent) precast concrete lintels – number of lintels to match structural wall widths and to be provided with 150mm.lg. end bearing at each support.

With regards to the cracking observed across several basement stone outer leaf lintels, consideration should also be given to repairing using stainless steel crack-stitch ties and dowels inserted across each crack using an epoxy grout. Depending on the severity of some cracks, additional galvanised steel angles may also have to be installed below the failed lintels.

In terms of the eracking observed across the basement lintels along Clifton Street, downstand beams across the Southeast elevation and soffit to the undercroft, further investigative work is needed in order to determine the extent of the damage and whether or not the embedded steelwork has also been damaged (affected by corrosion) and in need of repairs or remedial works. At this stage, allowances should be made for appointing a concrete repair specialist to investigate the condition of the concrete in these areas and to investigate the steelwork.

Depending on their findings, the concrete repair specialist should be able to provide you with likely costs to treat, repair and/or replace any damaged members.

With regards to the cracking across the Southwest gable, consideration should be given to investigating the areas of cracking with allowances for the installation of stainless steel crack-stitch ties across each crack at regular c/c cast in pre-formed slotted channels using epoxy grout.

Whilat extensive repairs appear to have been carried out across both side walls of the main hall, there weren't any clear signs of remedial works across the Clifton Street elevation. Consideration should therefore also be given to the installation of gable restraint tic rods across the front elevation fixed across adjacent roof trusses/upper floor and bonded to the gable stonework.

This report is based/......

# Structural Inspection at Millport Town Hall, Millport (Cont...)

This report is based on a visual, non-disruptive inspection of the property. We did not inspect timbers or woodwork for infestation or decay, nor did we inspect areas, which were covered, unexposed or inaccessible and are therefore unable to report that these areas are free from defects.

This report relates to our views on the structural condition of the above noted property. We can give no assurances that it would be acceptable as security for mortgage purposes for the remit of a Valuation Surveyor is more diverse than ours.

In the preparation of this report, we have exercised the reasonable skill and care to be expected of an appropriately qualified and competent consultant.

This report has been prepared specifically for yourself and is confidential to you only. It may be disclosed to professional advisers assisting you but shall not be disclosed to any third party without our expressed prior written consent.

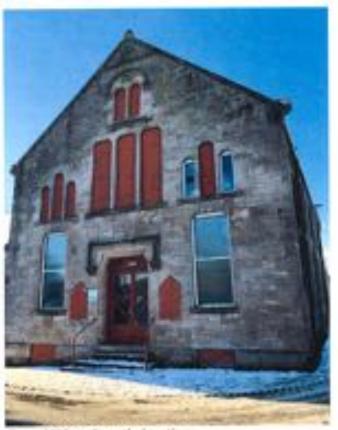
We trust the foregoing is self-explanatory but please do not hesitate to contact us if you require further assistance.

Yours faithfully

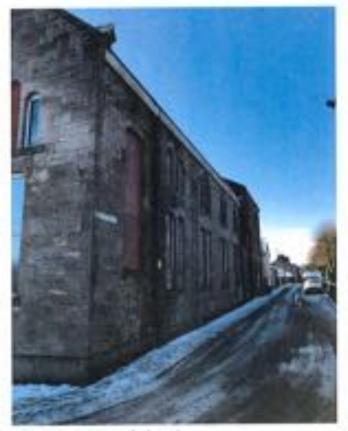
AW\_Cadd

Allister Campbell for ATK Partnership Ltd

Encs.



Front (Clifton Street) elevation



Side (Howard Street) elevation



Signs of dampness along Howard Street



Southwest gable elevation - render cracking



Southeast elevation (undercroft)



Southeast elevation - Damaged steelwork, concrete & masonry

1



Southeast elevation - Damaged support columns



Clifton Street elevation - cracking across lintels



Southeast elevation/undercroft - Damaged steelwork



Southeast elevation/undercroft - Damaged masonry



Small hall (along Clifton Street) - Water ingress/dampness



Ground floor hallway - Water ingress/dampness



Small rear hall - Water ingress/dampness & damage



Small rear hall - Water ingress/dampness & damage



Main hall near wall (Southwest gable) - damaged lintel(s)



Main hall rear wall (Southwest gable) - cracking



Main hall (Howard Street elevation) - Exposed lintels & water ingress



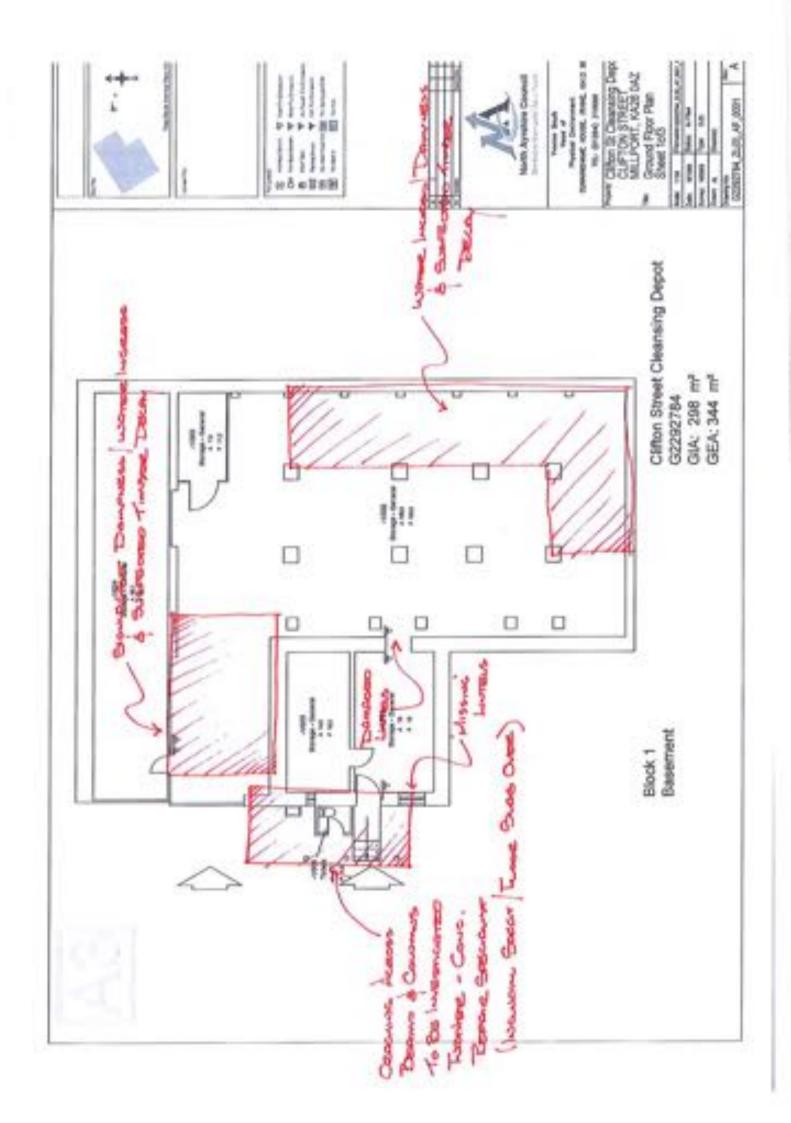
Main hall (Howard Street elevation) - Water ingress/dampness -

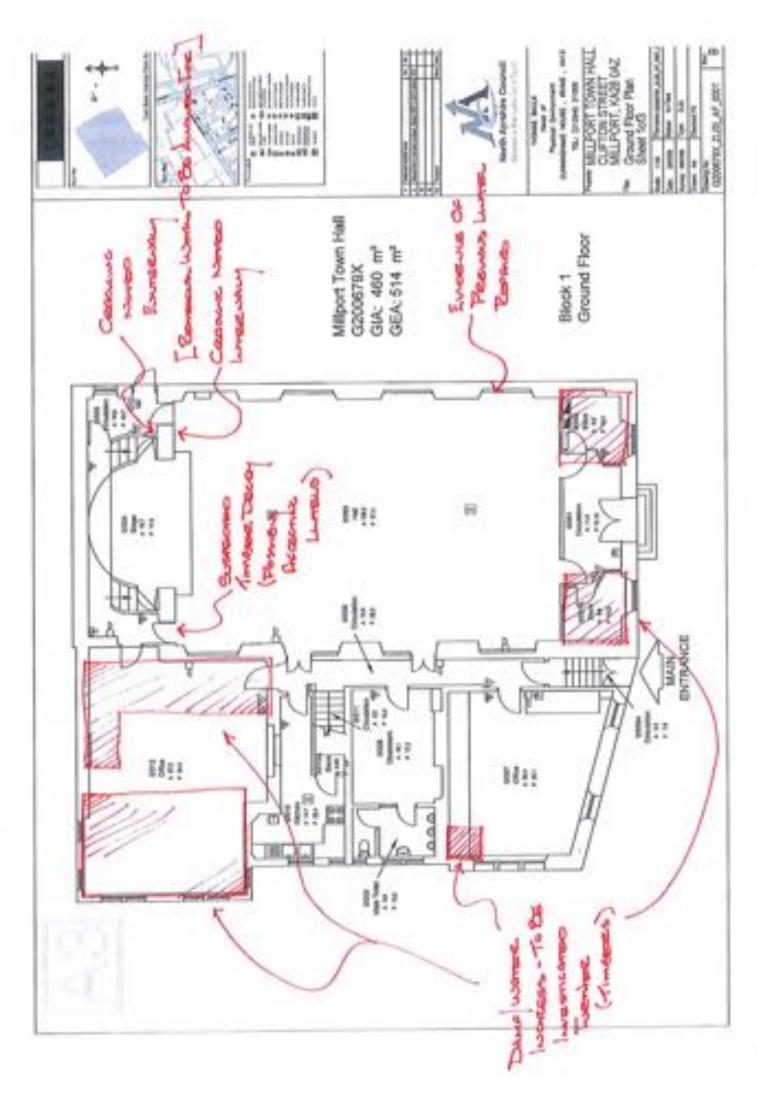


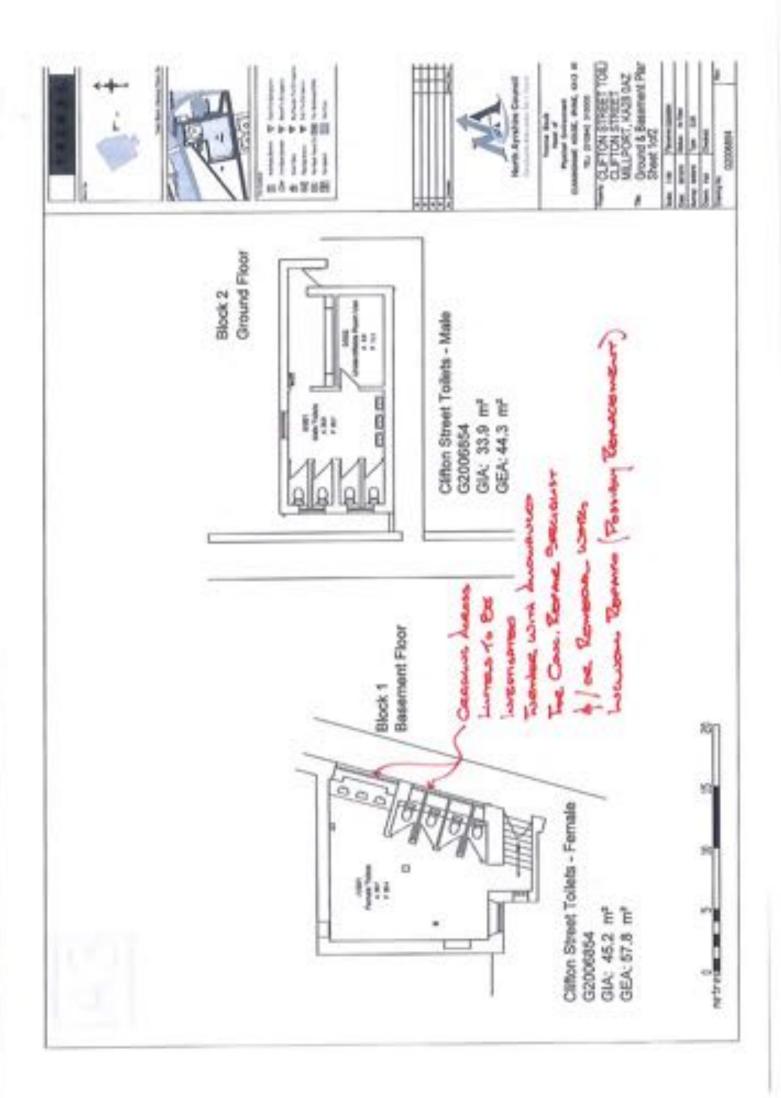
Attic roof void - Signs of dampness/water ingress & previous repairs

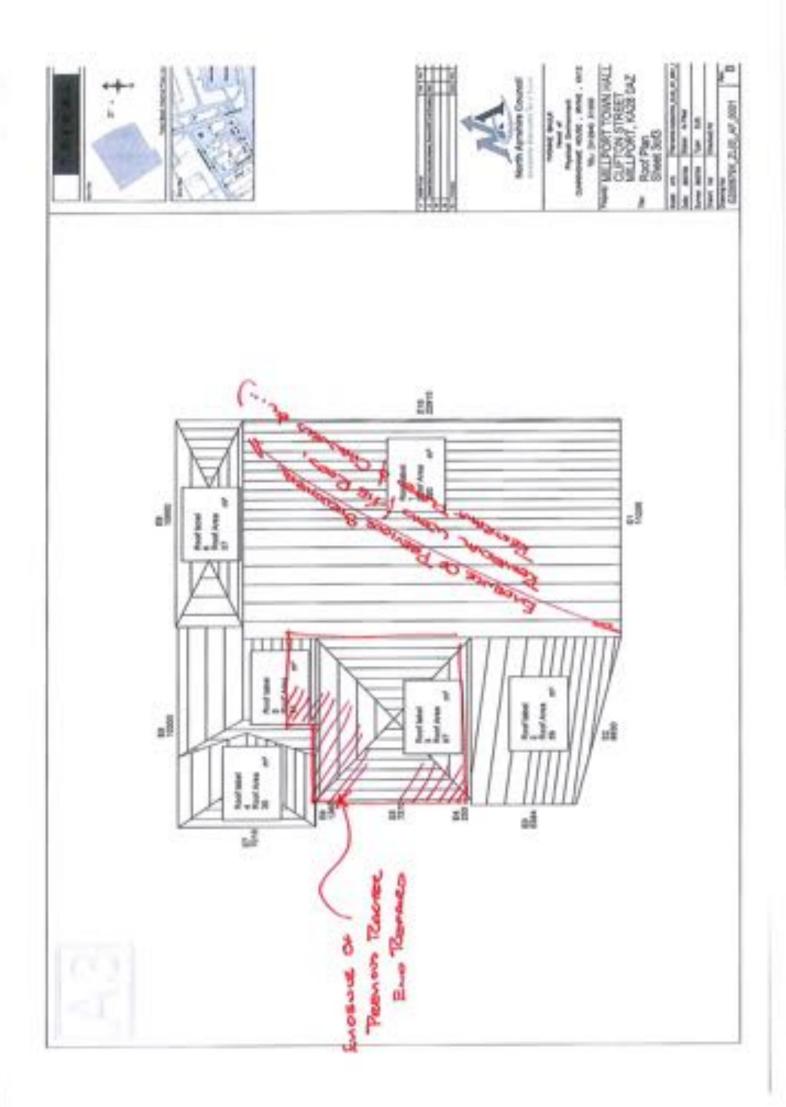


Attic roof void - Previous repairs & remedial works









BUILDING INSPECTION REPORT MILLPORT TOWN HALL, ISLE OF CUMBRAE ON BEHALF OF FRIENDS OF MILLPORT TOWN HALL



# APPENDIX D

# ELECTRICAL REPORT

# CLYDE ELECTRICAL SERVICES 1 FIR TERRACE, GOUROCK MOBILE 07979476066



19.02.2019

Dear Alan, following my recent visit to Millport Town Hall here is a brief report on my findings

Switch Room, water ingress from roof seeping in and around switch gear unable to open or switch anything on .

Older type mcb suppling sub boards would require upgrading

Mixed wiring types, pyro, wire armour and single cable used in installation, pvc conduit

Rust shown on metal switch gear would require upgrade...

Main Main Hall

Dated roof lighting would require upgrading to led panel type

Wiring to lighting to be upgraded

Some sockets of round pin type 15amp to be removed and upgrade socket circuit

Room heaters are of storage type/fan heaters and probably not very efficient if working, spares for these could be obsolete.

The hall would benefit from a new electric heating system -

Wire armour cables suppling heater



Sound room all metal clad spurs showing signs of rust and corrosion require upgrading including wiring

Kitchen area, looks as if it has been upgraded recently with consumer unit and metal clad sockets and switches

Corridors and stairwell, lighting is of single pendant and strip lights, would require upgrade and additional lights along with wiring.

Play Group Room, ceiling heating panels showing signs of damage to ceiling requires upgrading of heating panels or different form of heating.

Dado trunking suppling sockets and power to this area.

Emergency lighting of 8 watt tube type that would need to checked to see if they are charging /discharging correctly.

Upstairs, wall mounted panel heaters in use

Pvc conduit / single cables

Older type mcb in use

2

BUILDING INSPECTION REPORT MILLPORT TOWN HALL, ISLE OF CUMBRAE ON BEHALF OF FRIENDS OF MILLPORT TOWN HALL



.

# APPENDIX E

# TIMBER PRESERVATION REPORT



# Building value into your home

# Survey Report



Client Name Company Name Client Property Address

Email Telephone Number Surveyed by: Survey date: Survey reference: Mr Scott Graham Allied Surveyors Millport Town Hall 5 Clifton Street, Millport ISLE OF CUMBRAE KA28 0AZ Scott.Graham@alliedsurveyorsscotland.com 0141 337 7594 Roddy McKenzie C.S.R.T. 06/02/2019 EN324909

Dear Mr Scott Graham

Thank you for instructing Wise Property Care Ltd to report on this property. We have confined our inspection to the areas as indicated by you for evidence of the reported issues in accordance with your instructions.

If there are any omissions or if you believe that we have misinterpreted your survey instructions we apologise and if so we would be obliged if you could inform us as soon as possible so we can rectify any problems.

We set out below our findings and recommendations in accordance with our standard specification for wood preservative treatments.

# PROPERTY DESCRIPTION

The property is a Town Hall .

# WEATHER CONDITIONS

At the time of our visit to inspect the above property it was Cloudy with rain .



# OCCUPIED STATUS

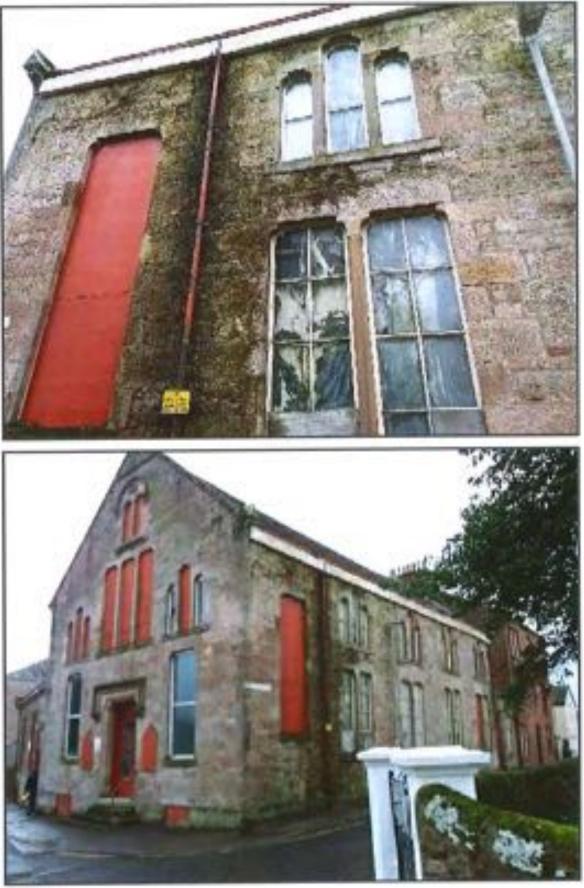
At the time of our inspection the property was unoccupied.

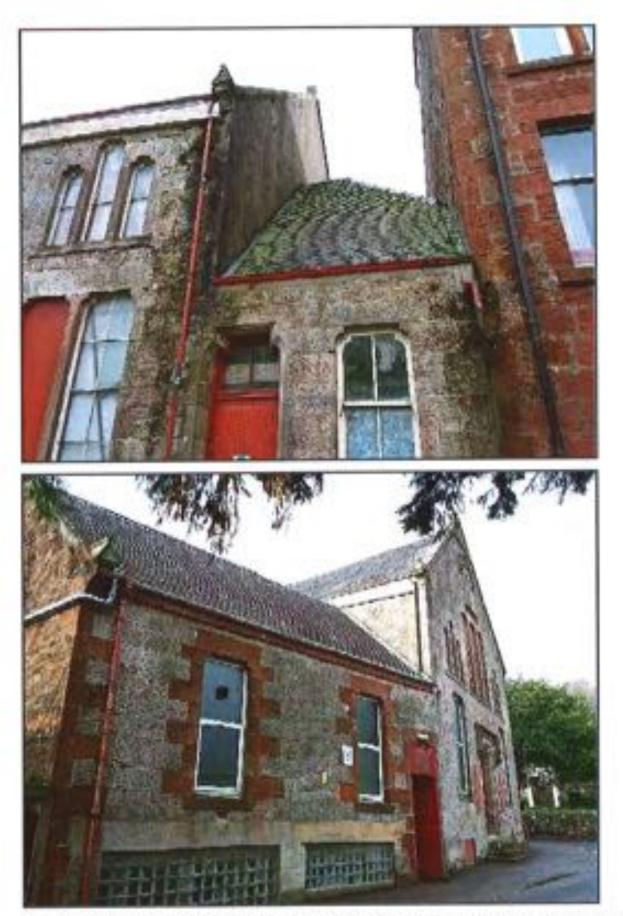
# LOCATION

Situations are described facing the front elevation of the property from Front elevation .

## EXTERNAL OBSERVATIONS

A brief external inspection of the property was completed from the ground level only during our visit and the following defects noted: Defective roof coverings





Client to instruct the services of a reputable roofing contractor to carry out a full survey of all roof coverings and water management systems.

Client to arrange for a reputable building contractor to carry out an external inspection of all masonry including making comment on the existing timber windows.

# OBSERVATIONS

BASEMENT BLOCK 1 & CLIFTON ST FEMALE TOILETS

 GROUND FLOOR BLOCK 1, 1ST FLOOR BLOCK 1 & PART ROOF VOID ENTERED FROM 1ST FLOOR LEVEL.

## RESTRICTIONS

Our inspection is based upon a close but not intimate examination of the areas specified. Inevitably
there will be timbers which could not be inspected fully or at all without opening up. We have so far as
possible inspected accessible exposed surfaces available to us.

Our recommendations are therefore subject to the qualification that further necessary works may be required once the fabric of the building or a particular element is exposed during the course of our works. General observations









During the course of our visual inspection within the basement block it was noted that the construction of the ceiling/ground floor joists would appear to consist of an internal perimeter steel ring beam which is supporting the ground floor joists. The ground floor joists appear not to be built into the masonry where visually inspected.

Our inspection also revealed areas of water staining to the underside of the ground floor joists/T&G flooring where viewed from within the basement. Our inspection at ground floor level confirmed the presence of water lying on the top surfaces of floor coverings suggesting ingress from roof coverings.

We would also recommend that all existing built in timber lintels within the basement are test drilled in order to assertain there structural integrity.

The basement walls are below street level in places and this also includes the ladies toilet block. Should the above locations be converted during a programme of refurbishment then underground basement works will be deemed necessary and shall have to be carried out by an approved water proofing design specialist employed by (Wise Property Care).

Our water proofing design specialist Mr Stuart McGinley has reviewed the drawing provided and we have included some provisional costs for potential works (All subject to a full inspection and report).

Our walk round visual inspection within the Ground floor rooms within block 1 revealed the following.

1. Water ingress on floor coverings especially within the Large Hall & Office.

High levels of moisture readings were obtained on the majority of internal walls either plastered on the hard or strapped and lined throughout the ground floor.

 Areas of ceiling damage and saturation was evident within the front elevation Store rooms, Office 07, Office 12, Condensation was also evident in various locations within the Kitchen and Male toilets.

4.Dry rot outbreaks were also noted within the Office 012, lining boards, facings also affected around

the stage door frame and extending into the timber safe lintels leading from the Main Hall into the Office 012.

5.Dry rot out breaks were also noted to the mid floor timber beam support at ceiling level within the Office 012 and further investigation will be deemed necessary by means of the main contractor providing an access scaffold to allow further inspection by Wise PC and the clients structural Engineer.

6.It would be prudent for the Main Contractor to remove all floor coverings including uplifting the plywood floor coverings and original T&G flooring due to the water ingress in places.

7.We are also concerned as to the structural integrity of the in- built timber safe lintels throughout the basement, ground floor and 1st floor level.

Our inspection within the 1st Floor block 1 revealed the following.

1.High moisture readings on the majority of internal walls strapped and lined.

2.Evidence of the peziza fungus was also observed within the wc area this fungus is attributed to water ingress.

3.Evidence of water penetration was noted to the ceiling fabric within the Toilet 1/002.

4.Condensation was also evident to the ceiling fabric withinnthe 1st floor level.

Our visual inspection within the walk in roof void at 1st floor level revealed the following.

1.Previous repairs to the roof spars/ceiling joists, Jack spars and roof sarking.

2.Moisture penetration evident to sections of roof sarking.

 Glasswool insulation in-situ therefore restricting survey of the ceiling joists and perimeter wall head timbers.

Wise Property Care have not inspected the remaining areas of roof voids either due to restricted access, glasswool insulation and height restrictions.

Given the information available to our surveyor we have allowed some provisional costs for the your perusal.

# TREATMENT RECOMMENDED

We feel that it would be prudent to allow the following budget costs for your perusal.

 Chemical spray application to roof void timbers using an approved insecticidal/Fungicidal solution. £4888.84 EX VAT.

2.Removal and replacement of timber safe lintels within basement, Ground floor, 1st floor Level £27.516.36 EX VAT

3.Allow for chemical irrigation to masonry walls as highlighted. £10.500.00 EX\_VAT

4. Allow for chemical spray application to ground floor joists and boron application to all remaining joist

ends.£2884.00 EX VAT

5.Allow basement water proofing works within the basement and ladies toilets to meet (Grade 2 and grade 3 BS8102 2009)£47.500.00 EX VAT.

6.Allow for chemical damp proofing budget costs £8900.00 EX VAT.

+ MAIN CONTRACTOR TO CARRY OUT THE FOLLOWING WORKS AS INDICATED BELOW

1.ERECT EXTERNAL SCAFFOLDING.

2.REPAIR EXTERNAL ROOF COVERINGS, FLASHINGS, LEADWORK, GUTTERS AS DEEMED NECESSARY.

3.STONEMASON TO INSPECT EXTERNAL MASONRY.

4.CARRY OUT ALL INTERNAL JOINERY STRIPPING OUT /RE-INSTATEMENT WORKS TO THE ARCHITECTS SPECIFICATION AND DRAWINGS.

5.RENEW TIMBER WINDOWS.

6.CARRY OUT ALL REPAIRS TO CEILINGS INCLUDING REPLACING CORNICE WORKS. 6.APPOINT PLUMBING AND ELECTRICAL CONTRACTOR.

7.PROVIDE ACCESS INTO ROOF VOIDS AND REMOVE GLASSWOOL INSULATION AND STORED GOODS WHERE APPLICABLE.

# CLIENT RESPONSIBILITIES

The client is to arrange for the following work (WHICH IS NOT INCLUDED FOR IN OUR QUOTATION):

 Removal of all foctures and fitting from the treatment area(s) prior to our commencement of works on site

 Removal of all floor coverings including underlays from the treatment area(s) prior to our commencement of works on site

Disconnection and reconnection of plumbing items within the treatment area(s).

Disconnection and reconnection of electrical items and wiring within the treatment area(s)

Disconnection and reconnection of radiators within the treatment area(s)

Any required decoration including re-tiling of walls and floors

 Employment of reputable roofing contractors to inspect, report and repair any faults with the roof coverings, gutters and downpipes

Employment of a reputable builder to inspect, report and repair the following noted items below:

 Cleaning of work area(s) and areas leading up to the work area(s). Our operatives will take steps to minimise dust invasion out with the areas of work(s)

· Supply water, power and light

Any defects as noted within 'External Observations' will need to be rectified by the client under a separate contract.

Upon completion of the contract and the account being paid in full our guarantee (if applicable) will be issued, offering you peace of mind by protecting your property for the future.

Where a guarantee is issued by Wise Property Care Ltd it will be conditional upon any building defects being corrected and the building being maintained in a weather tight and waterproof condition.

Completion of the contract to your satisfaction will be identified by either a signature on our operative's worksheet when works have been completed, or by means of a telephone call from our Sales Ledger Department.

In order to comply with Health & Safety Regulations regarding the use of our chemicals it is essential that the areas of treatment remain vacant and well ventilated during and for a minimum of 1 hour after treatment.

# CLIENT NOTE

 Our specialist survey was restricted to those rooms or areas indicated to us and we therefore cannot comment on the conditions which may prevail elsewhere in the property and any contract arising from or deemed to have been entered into by reason of the survey is limited accordingly.

If we receive your instructions to inspect the concealed structural timbers our surveyor will provide a quotation for the required exposure works based on the owner/others removing or setting aside floor coverings/furniture. No allowance is normally made for making good or decorating areas exposed for access. This work should be carried out by the owner/purchaser of the property at their own cost. Wise Property Care Ltd accept no responsibility for the condition of the concealed structural timbers should you decide to proceed without this recommended inspection.

Our inspection was not and should not be relied upon as a substitute for a structural survey. We have not investigated, considered or reported upon any other matter including, without limitations, timbers exposed to the outside or timbers not visible at the time of inspection. However, should you proceed on the present basis; we shall advise you of any other infestation or fungal infection we discover during execution of the works (if any) and advise/quote accordingly.

It may be seen from our specification that we may have included for the removal of the existing plaster. In removing plaster it is not unusual for dust to find its way to the remotest parts of the property. We will take the precaution to minimise this nuisance wherever practical within the immediate area of our work but we respectfully suggest that you should also take some precautions to protect furniture and the like elsewhere in the property. We regret we can take no responsibility for cleaning or for any damage that may be caused by dust, however if you wish us to include for industrial cleaners to visit the property on completion of our works, we can do so.

During our inspection, we carried out an assessment of potential hazards and health risks, which might arise during the course of our works. These were done under the COSHH (Control of Substances Hazardous to Health) regulations 1989. We noted that the property was unoccupied at the time of our inspection and have assumed that it will be occupied when we carry out our works. When you ask us to carry out these works, please let us know if there are any changes in this assumption, or if there are any other material changes when we start work, we can forward a copy of our assessment to you.

The nature of remedial construction works is such that, occasionally, the problem outlined is more extensive than anticipated. Therefore any timescales discussed for the project are indicative only, as extra works may be required. Whilst we make every effort to minimise inconvenience to our customers, we may not, because of other commitments, be able to continue with the extra works immediately. If this is the case, we will schedule the extra works as soon as we possibly can, but cannot be held responsible for difficulties this may cause.

As a company we carry out the following:

- Dry Rot Eradication
- Wet Rot Eradication
- Woodworm Eradication
- · Rising Damp control
  - Penetrating Damp Control
  - Condensation Control
  - Basement Tanking (Water management systems)
  - Invasive Weed Control (Japanese Knotweed, etc)
  - Structural Repairs (Crack stitching, wall stabilisation)

# QUOTATION

The cost of our recommended treatment and associated works (if applicable) is shown within the quotation below, on the attached form and is based on the assumption that the work can be carried out in one continuous operation.

Our quotation covers only those items specifically stated in the report to be under taken by Wise Property Care Ltd. All other repairs and/or ancillary works are to be the responsibility of others under separate contract.

Our quotation is issued subject to it being accepted in writing within a period of 28 days, with the work proceeding within three months of acceptance.

Please complete the enclosed acceptance of quotation and return it to this office where our contracts coordinator. Derek McLeod. will contact you to arrange a mutually convenient commencement date to carry out the works as detailed in our report.

Alternatively you can contact us at our Glasgow office during office hours on 0141 876 9201 or by email at derek.mcleod@wisepropertycare.com

This report is copyright and is for the above addressee only; we can accept no responsibility for our survey, or this report towards any other person or persons. On no account must it be duplicated or copied in whole or part without the authority of a company director of Wise Property Care Ltd.

# YOUR SURVEYOR AND HOW TO CONTACT US

The surveyor who has been dealing with this property is Roddy McKenzie C.S.R.T. and can be contacted on mobile number. Alternatively, you can also reach Roddy McKenzie C.S.R.T. using the branch details at the front of the report or contact him by email at Roddy McKenzie@wisepropertycare.com.

Yours faithfully,

Roddy McKenzie C.S.R.T.

t

Glasgow

8 Muriel St Barrhead Glasgow G78 10B

t: 0141 876 0300 e: west@wisepropertycare.com 0141 876 9201

# Quotation



Client Name	Mr Scott Graham		
Company Name	Allied Surveyors Millport Town Hall 5 Clifton Street, Millport ISLE OF CUMBRAE KA28 0AZ 06/02/2019		
Client Property Address			
Date			
ID	EN324909		
Description	Total Excl VAT	VAT Amount	Total Incl VAT

Terms and Conditions apply

I understand the observations and recommendations contained in this report and confirm that they correspond with my instructions to request an estimate for remedial work required in relation to the property. I fully understand and accept the terms of the transferable 20 year guarantee, which only applies in relation to the areas of the property where remediation work has been identified as being required in the report. I accept that the proposed remediation work does not include carpeting, the moving of furniture, removal of futures and fittings, painting, electrical or plumbing work unless this has been specifically provided for in the quotation. I confirm that neither a full exploratory examination nor disruptive exposure has been carried out.

Consultant Signature:

**Customer Signature** 

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### WISE PROPERTY CARE STANDARD TERMS AND CONDITIONS

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  - 5. We are these Property Care Limited, a company replaced in fundarial Our company reportation number in SC188753 and nat replaced affect is at 8 Mariel Street, Sectored, Glengres G78 100. Cha registered Will ruiniter 200000000
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### WIRE PROPERTY CARE STANDARD TERMS AND CONDITIONS

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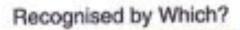
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# What makes us great?



1st Scottish Preservation Company to be endorsed and recognised by Which? Visit trustedtraders.which.co.uk to see what makes a trader with this status so special.

# Rated and Recommended

Average 4.5 star rating online. In addition, our customer questionaires show that 95% of customers would recommend us

# Award Winning Contractors

Property Care Association Award Winners in 2014 and commended in 2011. Also awarded 'Best Business Turnaround' and recent finalist in both 'The Entrepreneur of the Year' and 'Chamber of **Commerce Business Awards'** 

# 40 Years Experience - Scottish Based

40 years experience in building preservation serving Scotland with local branches Scotland wide. Scotlish company...local service.

# Our Professional Memberships and Accreditations



**Trusted** trader

Average Rating

WINNER 2014

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For more information about our professional memberships, watch our video at: visepropertycare.com/approvedcontractor

# **Specifications**

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## 4. Humpel Decey (Special Note)

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### 5. Chonseal Gamp-proof Course

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#### 8. Hustoring

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# Certificate of Guarantee

Concernance of

Designant Dealer

Barry Transmission

This Guarantee is aspect to the above named client in respect of asok carried out by tilse Preperty Care Ltd. Herceforth referred to as WFC is the above herbed property in accordance with the above mentioned report, estimate and contract.

WPC gatesrate for a period of 20-years least the date that the contract was complete that any contrasten or recommend a interaction by accel terring insent or arts a by a word robing tangen in any of the timbers treated agaret track decay will be treated less of charge to include such as inplatement as may be receptary, excluding redecoration.

Should the damp counter installed as detailed in the seport fail to prevent the res of demphase from the next into the walk within a patiod of 20 years from the dam that the dominic) walk completed, WPG guarantees in region the taken from of charge, including tedecorption

In the event of a claim order the lattes of this guarantee, 8 is essential that this guarantee conflicate and all of the original superior (and statches when appropriate any possible) are possibled by the claiment, to the company, together add the their appropriate investigation charge this charge will be released in tot if any treatment covered by clause 8 and C above has failed, instance to provide the allowing endition and clause 1 below. February to provide the allowing enditioned characterity areation from will enabled in the guarantee burned characterity areation from will enabled the guarantee burned characterity areation from will enabled the guarantee burned characterity areation from will enabled the guarantee.

This Guarantee will become invalid in any one or muse 20 the futureing cacameterization

- Where the property has not been kept at grand and proper slate of thursdenance including retreater grants and disposal systems, doesnote plurity at whitned and subtrial proved levels relates to the damp proof course, adequate sub-floor ventilation and general shurcharp of the property.
- Where exclamentations given by BPC have not been complied with

Where, subsequent to the complicition of transports, there has been any distribution of the works cannot out by way of structural alumptions, repairs, settlement or subschedule of the building of otherwise.

Trea Gaavantee does not extend to furniture and doins.

The rights conterned agent the client by this document shall be in addition to any rights the client may have at Connece Law.

In the event of diagonal of the priperty, the subject of this Guarantee and the borefits of this Guarantee shall be assigned by the client restrict above to the new senior provided that within their income of the change of summarity of the priprinty. The new densit shall have

- Given writton notice of the change to WPC
- Prevented WPC's approachable to inspect file property to ensure that all conditions have been compliced with Paid MPC's then current transfer and respector-like
- This Guarantee is conditional upon WPC socialing payment in full for this sink barded out at the Move named property in accordance with the stone mentioned report, nationale and patients

for and as behad at Miss Preparity Card

8 Mariel Street, Barmand, Glangow G78 1GB

1:0541 8/8 8000

- F: 0541 876 9900
- headoffice@wisepropertycare.com

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# **The Wise Choice?**

### Scotland's Loading Provider of Property Care Services

Wise Property Care has grown dynamically over the tast decade by providing high quality and technologically advanced services. Wise Property Care has become the professional's first choice for in-depth low disturbance investigations and sympathetic remediation regimes.

### Privately Owned and Local

While Weie Property Care is a national company, it continues to be owned and operated by Scottish experts for Scottish property owners. Wee Property Care operates on the principle of providing services that the owners would thorselves expect to experience and is proud of its local coverage and quality of service.

### True Value for Money

"It is unwere to pay too much, but it is ameter to pay too little. The common law of business balance prohibits paying a little and getting a lot. If cannot be done. If you deal with the lowest bidder, it is well to add something for the risk you run." John Ruskin (1819 – 1900)

We offer Value for money without compromising quality of work or materials.

### Local Coveraige

Wee Property Care realize the importance of employing local people who have the brankt of local browledge and the ability to serve an area promptly. Regional offices in Glasgow, Edinburgh, Falkin, Enviso, Dunfermites, Aberdeen, Howick and Aynhae support our countryaide surveying staff.

### Minimum Disruption to Your Life

In recent poors there have been substantial advances in the products used to treat preservation problems. So much so, that in the majority of cases, it is possible to re-enter a treated area after 1 hear. Todag all products are soater rather than solvent baved meaning there are now no effernive octours. These innovations translate into reduced doraption to the lives of our costomers and clienty can be assend that it is safe to have preservation work carried out. Wen Property Care with to reduce inconvenience as much as possible and can discuse any special requirements with individual home owners.

### Award Winners

Wese Property Care's performance is reflected in awards bestowed upon the company by independent organisations. In recent years, the company has been awarded 'Best Business Turnaround' at the National Business Awards of Scotland 2001; been 'Commonifed for Innovation'

# PROPERTY CARE BUILDING VALUE

by the Wraperty Care Association" and has been named as a finalist in the "Entrepreneur of the Year' awards, "Chamber of Commerce Business Awards" and the 100 Scotland Director of the Year Awards"

### Guaranteed Peaco of Minil

Wae Property Care to a member of the Property Care Association (PCA), helping to build best practice within the industry. The company is also a member of 'Guasantee Protection Insurance', an independent organisation which offers insurancebacked guarantees in addition to the Wise Property Care 20 year company guarantee. Wise Property Care 10 year company guarantee. Wise Property Care is actively involved in ensuring the highest industry standards to the extent that since 1997. Les Meide (MDI has been chairman of the Scottish Region of the PCA and is currently the Deputy Chairman of the PCA in the OK.

### Assured Quality

Wise Property Care is an approved ISO 9001: 2000 and ISO 14001 registered first demonstrating our convestment to guality in company administration systems.



