

**Birdham Pool Marina,
Chichester, West Sussex**

**Historic Building
Photographic Survey**

Client: IG9

AB Heritage Project No:10654

Date:23/02/2016

Birdham Pool Marina, Chichester, West Sussex Historic Building Photographic Survey

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Project Number 10654
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1. INTRODUCTION

1.1 Project Background

- 1.1.1 AB Heritage Limited (hereafter AB Heritage) has been commissioned by ig9 to undertake a Historic Building Photographic Survey covering Buildings 1 & 2 at Birdham Pool Marina, Chichester, West Sussex (See Figure 1).

1.2 Site Location & Description

- 1.2.1 Birdham Pool Marina lies on the south side of the Chichester Channel, an arm of Chichester Harbour running between the Manhood and Bosham Peninsulas. The Marina is c.600m to the north of the modern village of Birdham, which sits alongside the A286 Chichester Road.

Building 1, centred on National Grid Reference (NGR) SU 82398 00921, is situated on the southern side of the marina complex, adjacent to the entrance to Court Barn Lane and The Causeway to the south. Building 2, centred on NGR SU 82350 00931, is a brick and stone built barn with clay tiled roof and is situated on the western side of the complex with a garden area and Court Barn Farm further to the west.

- 1.2.2 Building 1 originally formed the eastern periphery of Court Barn Farm, prior to the 1930's, the remainder of which is located immediately to the west of the modern Marina complex. The south-western part of the building was constructed during the late 19th century, with the eastern part added between 1946 and 1949. At the time of the photographic survey Building 1 was not in use and the concrete below the ground floor had been broken up.
- 1.2.3 Building 2 also originally formed part of Court Barn Farm. Constructed as a barn during the early 19th century, Building 2 was previously located on the western side of the farm complex. An extension to the south-east corner of the building was erected during the late 19th century. At the time of the photographic survey, the main barn section of Building 2 is used as office space over two storeys. The single storey elements of the building are used as a shower and toilet facilities.

1.3 Statutory and Non Statutory Designations

- 1.3.1 Research undertaken by AB Heritage using the Chichester HER & the Historic England National Heritage List for England webpage have identified that Building 1 & 2 at Birdham Pool Marina are not statutorily or non statutorily designated heritage features .

2. PROJECT MANAGEMENT

2.1.1 The Historic Building Photographic Survey was undertaken and the project managed by Kerry Kerr-Peterson (Assistant Project Officer, AB Heritage). The photographic survey was undertaken on the 9th February 2016 using colour digital photography (See Appendix 1).

2.2 Project Limitations

2.2.1 The north-west side of Building 2 was not accessible during the site visit as access was via the private property of Court Barn Farm.

2.2.2 The timber floor of the ground floor level of Building 1 had been removed prior to the survey. The concrete below the floor had been broken up creating a large amount of dust, that covered some of the surfaces within the building.

2.3 Project Archive

2.3.1 The digital archive, including all digital photographs will be stored in the appropriate format at the Main Office of AB Heritage in Taunton, Somerset.

3. HISTORIC BUILDING SUMMARY

Building 1

- 3.1.1 The western part of Building 1 is constructed from water derived flint cobbles with red brick detailing, bonded with a grey/white mortar. Three buttresses of the same construction are located on both elevations of the western part of the building. The north-eastern part of the Building 1 is constructed from stretcher bonded red bricks (Photo 1).



Photo 1: North-eastern side of Building 1 (scale 1m)

- 3.1.2 Building 1 has metal framed windows throughout the ground floor and dormer windows on the upper floor. (Photo 1).
- 3.1.3 The pitched tiled roof has gables at both ends. The south-western part of the timber roof structure is a common rafter form with mostly unworked branch collars. Purlins are positioned against the rafters which are braced against the first floor supporting joists (Photo 2). The north-eastern, 1940's part of the roof has a splayed queen post type construction.



Photo 2: South-western roof section of Building 1

Building 2

- 3.1.4 The early 19th century part of Building 2 is constructed from blocks of buff Mixon Stone limestone with red brick detailing. The Mixton Stone is bonded with a buff/white mortar. The north eastern extension is constructed from flint cobbles with red brick detailing, as Building 1 (Photo 3). Timber doors and windows are present throughout (Photo 3).



Photo 3: North-east elevation of Building 2 (scale 1m)

- 3.1.5 A central full height doorway is present on the south-east (Photo 3) and north-western elevation. The apex of the roof structure has been replaced although surviving arch braces are present on the ground floor and a probably tie beam is present on the first floor (Photo 4).



Photo 4: Tie beam, first floor of Building 2

- 3.1.6 A large timber frame is present on the ground floor, within the central area of the building, behind a modern partition wall. The frame is fitted together with timber pegs, mortice joints and iron fittings. The frame appears to have had at least one horizontal mechanism along the northern side (Photo 5). Two circular holes are present above the frame, presumably to support two large vats (Photo 6).
- 3.1.7 A number of iron mechanical components are located adjacent to the frame including a number of cogs, a drive shaft and a disc (Photo 7). Although it was not possible to determine if these were related to the frame, although their position suggests that they could be associated. The function of the structure is unclear but it is likely to be a form of agricultural equipment, such as a part of a mechanical press or similar.



Photo 5: Horizontal mechanism of timber framed structure, behind modern partition wall within Building 2



Photo 6: Circular hole at the top of the frame



Photo 7: Metal mechanical elements located next to the frame

3.2 Conclusion

- 3.2.1 The Historic Building Photographic Survey has confirmed that Building 1 & 2 at Birdham Pool Marina are not statutory or non statutory designated heritage features. The survey has identified that the origins and development of the buildings are as previously recorded in the Heritage Assessment compiled by West Sussex Archaeology in 2013. No further Historic Building Recording works are recommended. This recommendation will need to be approved by the Chichester District Council Archaeologist (James Kenny).

4. REFERENCES

AB Heritage, 2016, Birdham Pool Marina, Chichester, West Sussex – Historic Building Photographic Survey & Trench Evaluation Written Scheme of Investigation

West Sussex Archaeology, 2013, Heritage Assessment of Birdham Pool Marina, Birdham, West Sussex

Historic England National Heritage List for England
<http://www.historicengland.org.uk/listing/the-list/>

Appendix 1 – Digital Photographic Registers & Photographs

Site Code: 10654

Project Name: Birdham Pool Marina

Archive No.	Site Photo No.	Description	Building	Floor	Room	Taken From	Initials
001		Ground Floor	1	G	-	SW	KKP
002		Roof detail	1	G	-	SW	KKP
003		Window & Stencil	1	G	-	NW	KKP
004		Windows	1	G	-	NW	KKP
005		Stencil	1	G	-	NW	KKP
006		Ground Floor	1	G	-	NE	KKP
007		Modern Recess	1	G	-	SE	KKP
008		Door NE end	1	G	-	SE	KKP
009		Tiled floor	1	G	-	NW	KKP
010		Window	1	G	-	SW	KKP
011		Windows NE end	1	G	-	SE	KKP
012		Stairs	1	G	-	NE	KKP
013		Windows N elevation	1	G	-	SE	KKP
014		Windows S elevation	1	G	-	NW	KKP
015		Window S elevation	1	G	-	N	KKP
016		Building Join S elevation	1	G	-	NW	KKP
017		Building Join N elevation	1	G	-	S	KKP
018		Interior doorway, N elevation	1	G	-	S	KKP
019		Interior S elevation	1	G	-	S	KKP
020		Window S interior	1	G	-	NW	KKP
021		Doorway SW end	1	G	-	NE	KKP
022		Fittings around SW end doorway, NW side	1	G	-	NE	KKP
023		Fittings around SW end doorway, SW side	1	G	-	NE	KKP
024		Stairs to first floor	1	G	-	SW	KKP
025		Roof detail, SW end	1	1	-	NE	KKP

Site Code: 10654

Project Name: Birdham Pool Marina

Archive No.	Site Photo No.	Description	Building	Floor	Room	Taken From	Initials
026		Details of top of stairs	1	1	-	NE	KKP
027		Roof structure detail SW end	1	1	-	NE	KKP
028		Roof structure detail NE end	1	1	-	SW	KKP
029		Interior dorma window NE end	1	1	-	N	KKP
030		Floor hatch	1	1	-	SE	KKP
006		Stairs to ground floor	1	1	-	N	KKP
031		Roof structure detail NE end	1	1	-	NE	KKP
032		First Floor	2	2	-	S	KKP
033		Kitchenette	2	2	-	N	KKP
034		First Floor N end	2	2	-	S	KKP
035		First Floor N end	2	2	-	NW	KKP
036		Stairs N end	2	2	-	NW	KKP
037		First Floor N end	2	2	-	N	KKP
038		Window N elevation	2	2	-	S	KKP
039		Bottom of stairs, N end	2	1	-	SW	KKP
040		Workshop N end	2	G	-	NE	KKP
041		Workshop N end	2	G	-	SE	KKP
042		Workshop N end	2	G	-	NW	KKP
043		Workshop N end	2	G	-	NW	KKP
044		First floor support (mast)	2	G	-	SW	KKP
045		First floor support capital detail	2	G	-	-	KKP
046		Fixtures detail in first floor support	2	G	-	-	KKP
047		First floor support capital detail	2	G	-	-	KKP
048		Workshop N end	2	G	-	NE	KKP
049		First floor support detail	2	G	-	-	KKP

Site Code: 10654

Project Name: Birdham Pool Marina

Archive No.	Site Photo No.	Description	Building	Floor	Room	Taken From	Initials
050		First floor support detail	2	G	-	-	KKP
051		First floor support detail	2	G	-	-	KKP
052		Ground floor central unit interior NW doorway	2	G	-	SE	KKP
053		Ground floor central unit interior SE doorway	2	G	-	NW	KKP
054		Braces on N wall	2	G	-	SW	KKP
055		Workshop area central ground floor unit	2	G	-	W	KKP
056		Workshop area central ground floor unit	2	G	-	NE	KKP
057		Braces on N wall	2	G	-	SW	KKP
058		Braces on N wall	2	G	-	SW	KKP
059		Storeroom area central ground floor unit	2	G	-	SE	KKP
060		Area of well	2	G	-	-	KKP
061		Storeroom area central ground floor unit	2	G	-	NW	KKP
062		Storeroom area central ground floor unit	2	G	-	NW	KKP
063		First floor support detail	2	G	-	-	KKP
064		SE interior doorway detail	2	G	-	NW	KKP
065		SE interior doorway detail	2	G	-	NW	KKP
066		Exterior, SE elevation	2	-	-	SE	KKP
067		Exterior, SE elevation	2	-	-	SE	KKP
068		Exterior, SE elevation	2	-	-	NE	KKP
069		Exterior, SE elevation	2	-	-	S	KKP
070		Exterior, Extension	2	-	-	N	KKP
071		Building join	2	-	-	NE	KKP
072		Exterior first floor window, SW end	2	-	-	SE	KKP
073		Exterior ground floor door, SW end	2	-	-	SE	KKP
074		Exterior ground floor door, NE end	2	-	-	SE	KKP

Site Code: 10654

Project Name: Birdham Pool Marina

Archive No.	Site Photo No.	Description	Building	Floor	Room	Taken From	Initials
075		New roof structure SW end	2	R	-	SW	KKP
076		Floor hatch SW end	2	R	-	SW	KKP
077		New roof structure SW end	2	R	-	NE	KKP
078		Exterior	2	-	-	SE	KKP
054		Exterior	2	-	-	NE	KKP
079		Exterior gazebo, NW elevation	1	-	-	NW	KKP
080		NW elevation	1	-	-	NW	KKP
081		NW elevation detail	1	-	-	NW	KKP
082		NW elevation new doorway	1	-	-	NW	KKP
083		NW elevation new doorway	1	-	-	NW	KKP
084		NW elevation detail	1	-	-	NW	KKP
085		Building join	1	-	-	N	KKP
086		NW elevation	1	-	-	N	KKP
087		Building join	1	-	-	N	KKP
088		Building join	1	-	-	NE	KKP
089		NW elevation, NE end	1	-	-	NW	KKP
090		Ground floor central unit interior SE doorway	2	G	-	NW	KKP
091		NE end, NW elevation	1	-	-	NW	KKP
092		NE end, NW elevation	1	-	-	NW	KKP
093		NE end, NW elevation	1	-	-	NW	KKP
094		NE elevation	1	-	-	NW	KKP
095		SE elevation	1	-	-	SE	KKP
096		SE elevation	1	-	-	SE	KKP
097		Building join	1	-	-	SE	KKP
098		Exterior window SE elevation	1	-	-	SE	KKP

Site Code: 10654

Project Name: Birdham Pool Marina

Archive No.	Site Photo No.	Description	Building	Floor	Room	Taken From	Initials
099		Exterior window SE elevation, SW end	1	-	-	SE	KKP
100		SW corner	1	-	-	SW	KKP
101		Buttress detail	1	-	-	SW	KKP
102		SW corner	1	-	-	SW	KKP
103		SW corner	1	-	-	SW	KKP
104		SE extension	2	-	-	NE	KKP
105		Entry to wall cavity	2	G	-	NW	KKP
106		Entry to wall cavity	2	G	-	NW	KKP
107		Timber lintel? Within wall cavity	2	G	-	N	KKP
108		Top of timber frame from below	2	G	-	-	KKP
109		Timber frame within wall cavity	2	G	-	-	KKP
110		Timber frame & mechanism within wall cavity	2	G	-	SE	KKP
111		Circular gouge in timber of frame	2	G	-	-	KKP
112		Entry to wall cavity	2	G	-	NW	KKP
113		Timber frame & mechanism within wall cavity	2	G	-	SE	KKP
114		Top of timber frame detail from below	2	G	-	-	KKP
115		Top of timber frame detail from below	2	G	-	-	KKP
116		Top of timber frame detail from below	2	G	-	-	KKP
117		Mechanism on NW side of frame	2	G	-	-	KKP
118		Top of timber frame detail from below	2	G	-	-	KKP
119		Timber frame detail	2	G	-	NW	KKP
120		Top of timber frame detail from below	2	G	-	-	KKP
121		Top of timber frame detail from below	2	G	-	-	KKP
122		Top of timber frame detail from below	2	G	-	-	KKP
123		Top of timber frame detail from below	2	G	-	-	KKP

Site Code: 10654

Project Name: Birdham Pool Marina

Archive No.	Site Photo No.	Description	Building	Floor	Room	Taken From	Initials
124		Timber frame detail	2	G	-	N	KKP
125		Brick plinth of timber frame	2	G	-	SW	KKP
126		Timber peg detail of frame	2	G	-	-	KKP
127		Top of timber frame detail from below	2	G	-	-	KKP
128		Timber frame detail	2	G	-	-	KKP
129		Cog detail (not in situ)	2	G	-	-	KKP
130		Timber frame detail	2	G	-	S	KKP
131		Timber frame detail	2	G	-	-	KKP
132		Graffiti on timber of frame (scratched)	2	G	-	-	KKP
133		Graffiti on timber of frame (C.R.S painted in red)	2	G	-	-	KKP
134		Mechanical components	2	G	-	-	KKP
135		Mechanical components (disc or plate)	2	G	-	-	KKP
136		Timber frame detail	2	G	-	SE	KKP
137		Foundation courses	2	G	-	-	KKP



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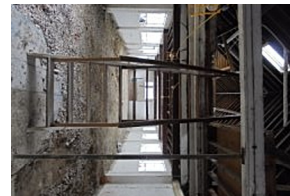
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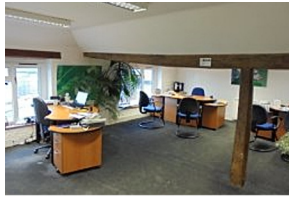
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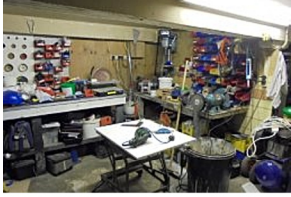
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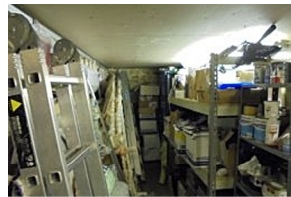
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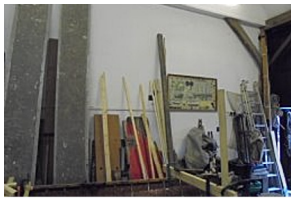
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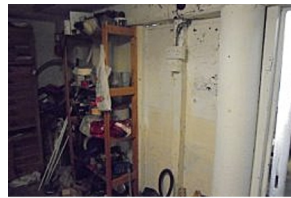
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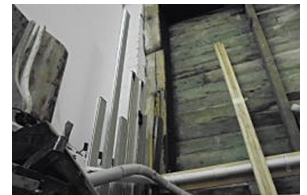
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