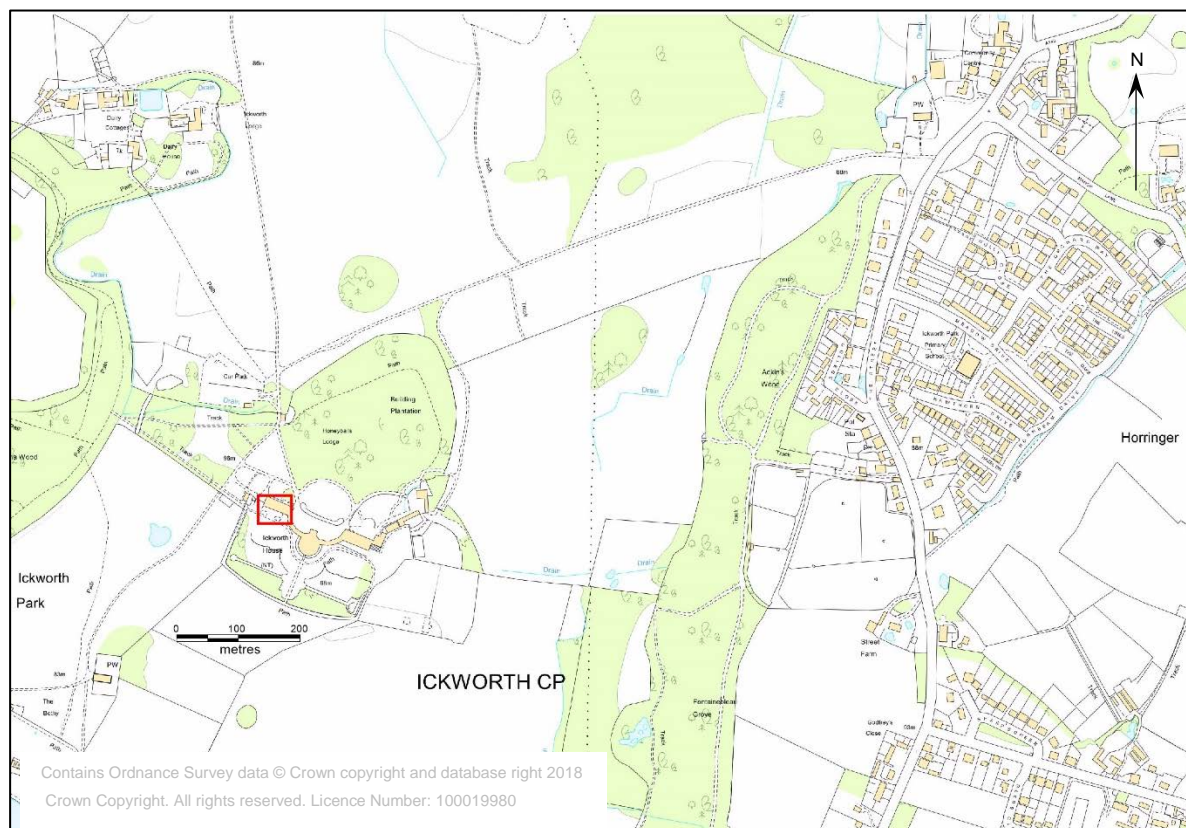


## ARCHAEOLOGICAL MONITORING REPORT

SACIC REPORT No.: 2018/022	Parish: Ickworth
<b>Ickworth House Test Pits</b>  <b>IKW 030</b>	Planning Application No.: N/A
	OASIS No.: suffolka1 – 311366
Address: Ickworth House, Ickworth, Bury St. Edmunds, IP29 5QE	Grid Reference: TL 81521 61380
	Number of Site visits: One
	Date of visit: 8-3-2018

Four small test pits were opened to the rear of the west wing of Ickworth House on the west wing terrace, to examine ground composition and structural details of the vaults and suspected drainage system. Modern made ground deposits were identified laying directly over the vault structures.

Figure 1: Location Map



## Results:

Four test pits were excavated across the gravel terrace at the rear of the west wing of Ickworth house to examine ground composition and structural details of the vaults and suspected drainage system.

The general stratigraphy within each test pits comprised modern made ground deposits of gravel, chalk and clay that in turn overlay the vaulted ceilings and other brick related structures.

Test pit 1 comprised two small adjoining square excavations. The northern excavation measured 0.6m x 0.6m and 0.15m deep. Three modern stone slabs were removed revealing a vertical brick built shaft, 0005, of which the central void was 0.25m wide and approx. 2m deep. The brick shaft was constructed of handmade 9" soft red bricks bonded by lime mortar. The southern excavation was excavated to reveal the brickwork of the vault ceiling and to investigate the relationship between the brick shaft and the vault structure. The excavation measured 0.35m x 0.35m and 0.7m deep and comprised the modern made ground deposits of gravel, 0001, overlying a yellow grey clay with frequent chalk nodules and large flints, 0003, that in turn overlay the vault structure 0004. The vault structure and the brick shaft were bonded together and are therefore contemporary.

Test pit 2 comprised two small adjoining excavations. The northern excavation measured 0.24m x 0.9m and 0.13m deep and comprised modern made ground deposits 0001, a chalk deposit (0002) and 0003. The apex of the brick vault ceiling, 0007, was revealed directly beneath deposit 0003. The southern excavation measured 0.45m x 0.55m and 0.15m deep. A modern stone slab was removed revealing a vertical brick built shaft, 0007, constructed of handmade 9" soft red bricks bonded by lime mortar of which the central void was 0.24m wide and approx. 2.5m deep.

Test pit 3 was excavated to identify the relationship between the brick vault structure, 0008, and a brick foundation wall, 0009, supporting the stone steps to

the south of the west wing. Test pit 3 measured 0.3m x 1.5m and 0.64m deep and comprised made ground deposits 0001, 0002 and 0003 that in turn overlay the brick vault structure. Both the wall, 0009, and vault, 0008, were constructed of the same materials however it was difficult to ascertain whether the brick vault structure and the brick foundation wall were bonded or abutting one another.

Test pit 4 was excavated to note the relationship between the brick vaults and the southern end wall of the vault. Test pit 4 measured 0.75m x 1.69m and 0.6m deep and comprised made ground deposits 0001 and 0003 that in turn overlay the brick vault structure, 0011. Three courses of brick work were exposed of the southern end wall, 0010, comprising handmade 9" soft red bricks bonded by lime mortar. The upper course was laid length ways to block the void at the apex of the vault whilst the second course was laid end on but only extended the width of the vault at this level. The third course of bricks and those below are believed to extend the full width across the ends of all vaults. The end wall abutted the vault structure and was therefore built following the construction of the vaults themselves.

Recorded by: Martin Cuthbert BA (Hons)

Date: 13<sup>th</sup> March 2018

This drawing must be read in conjunction with the specification and all other relevant drawings. Do not scale from this drawing.

NOTES	
All dimension are in mm unless noted otherwise.	
Do not scale from this drawing.	
All site operations are to be undertaken by fully trained and qualified personnel.	
All below ground drainage, electrical, mechanical and other services are to be traced and confirmed prior to commencing any opening up works.	
The opening up works contractor is to take all necessary precautions to screen and protect relevant areas from the public.	
Opening up works are to be undertaken in the presence of the project manager and structural engineer. Terrace finishes are to be carefully set aside and safely stored for re-use before excavations commence.	
All opened up areas are to be reinstated by the contractor to suit the original appearance following inspection by the structural engineer.	

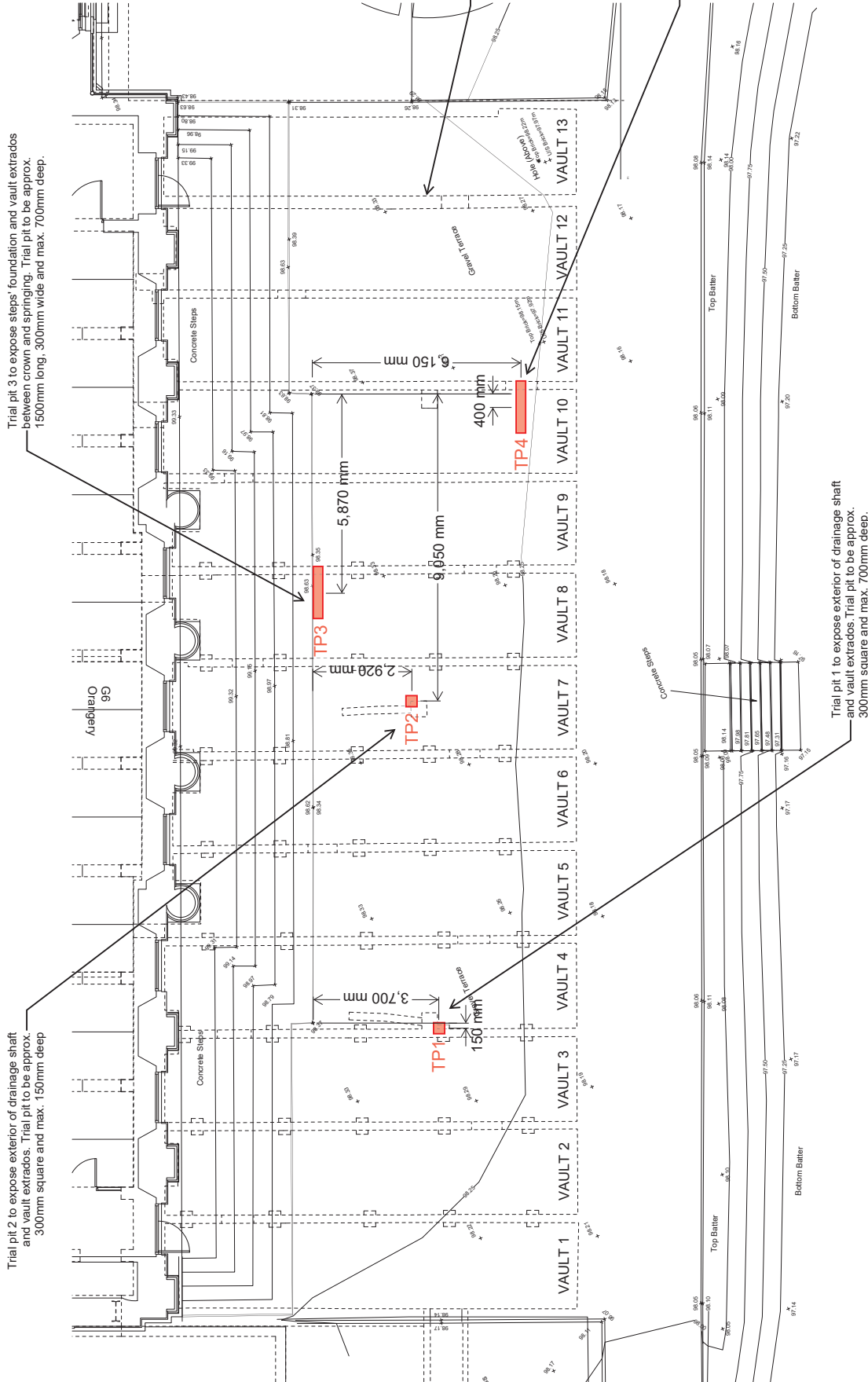


Figure 2. Proposed test pit locations

P2	16.02.18	Dimensions added	PM	KC
P1	15.02.18	Preliminary issue	PM	KC
Rev	Date	Description	Drawn	Check
Drawing Status		Project No	171033	
PRELIMINARY		Drawn	PM	
Date	FEB 2018	Revision	SSK010	
Scale	NTS	Engineer	KC	
Drawing Status		Project No	171033	
PRELIMINARY		Drawn	PM	
Date	FEB 2018	Revision	SSK010	
Scale	NTS	Engineer	KC	

Project  
**Ickworth Uncovered**  
 Ickworth House, Suffolk

Title  
 West Wing Terrace and Vaults  
 Proposed intrusive inspections

**conisbee**  
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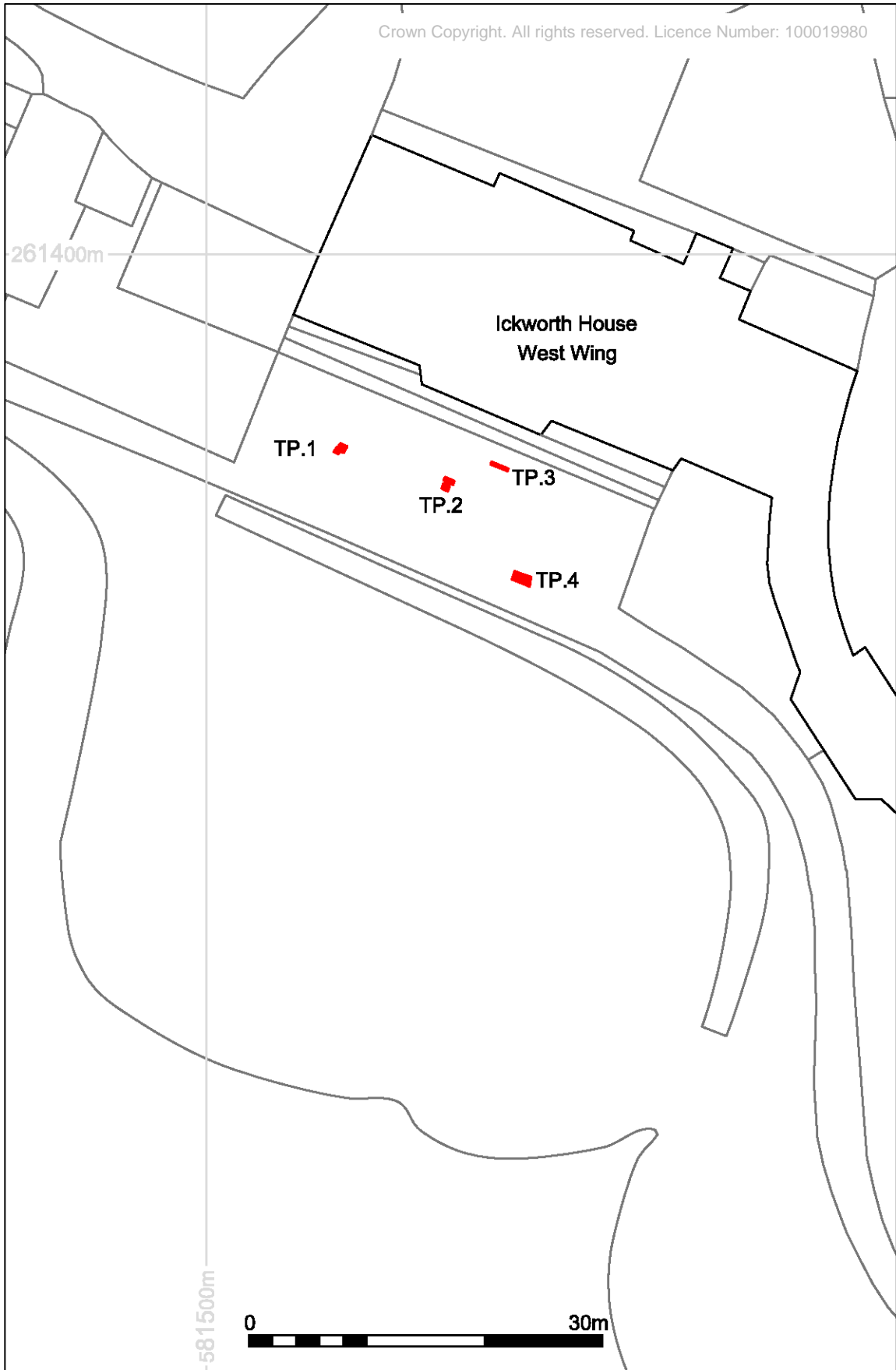


Figure 3. Location of test pits following excavation





Plate 1: Test pit 1, looking west, 0.5m scale



Plate 2: Test pit 2, looking north, 1m scale



Plate 3: Test pit 3, looking north, 1m scale



Plate 4: Test pit 4, looking north, 1m scale

# OASIS DATA COLLECTION FORM: England

OASIS ID: suffolka1-311366

## Project details

Project name	Ickworth House Test Pits
Short description of the project	Four small test pits were opened to the rear of the west wing of Ickworth House on the west wing terrace, to examine ground composition and structural details of the vaults and suspected drainage system. Modern made ground deposits were identified laying directly over the vault structures.
Project dates	Start: 08-03-2018 End: 08-03-2018
Previous/future work	No / No
Any associated project reference codes	IKW 030 - HER event no.
Any associated project reference codes	2018/022 - Contracting Unit No.
Type of project	Estate management survey
Site status	English Heritage List of Parks and Gardens of Special Historic Interest
Site status	Listed Building
Current Land use	Other 14 - Recreational usage
Prompt	General structure plan/local plan/minerals plan guidance

## Project location

Country	England
Site location	SUFFOLK ST EDMUNDSBURY ICKWORTH Ickworth House Test Pits
Postcode	IP29 5QE
Study area	412 Square metres
Site coordinates	TL 81521 61380 52.22021324529 0.657686395585 52 13 12 N 000 39 27 E Point
Height OD / Depth	Min: 97.68m Max: 98.38m

### Project creators

Name of Organisation	Suffolk Archaeology CIC
Project brief originator	National Trust
Project design originator	None
Project director/manager	Rhodri Gardner
Project supervisor	Martin Cuthbert
Type of sponsor/funding body	National Trust
Name of sponsor/funding body	National Trust

### Project archives

Physical Archive Exists?	No
Digital Archive recipient	Suffolk HER
Digital Contents	"none"
Digital Media available	"Database", "GIS", "Images raster / digital photography", "Text"
Paper Contents	"none"
Paper Media available	"Context sheet", "Correspondence", "Photograph", "Report"

### Project bibliography 1

Publication type	Grey literature (unpublished document/manuscript)
Title	Ickworth House Test Pits
Author(s)/Editor(s)	Cuthbert, M.
Other bibliographic details	2018/022
Date	2018
Issuer or publisher	Suffolk Archaeology CIC
Place of issue or publication	Needham Market
Description	A4 ring bound report with colour illustrations and photographs
Entered by	martin (martin.cuthbert@suffolkarchaeology.co.uk)
Entered on	13 March 2018