

Simon Swann Associates Ltd.

## **Participants:**

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## **Funding:**

— Historic England

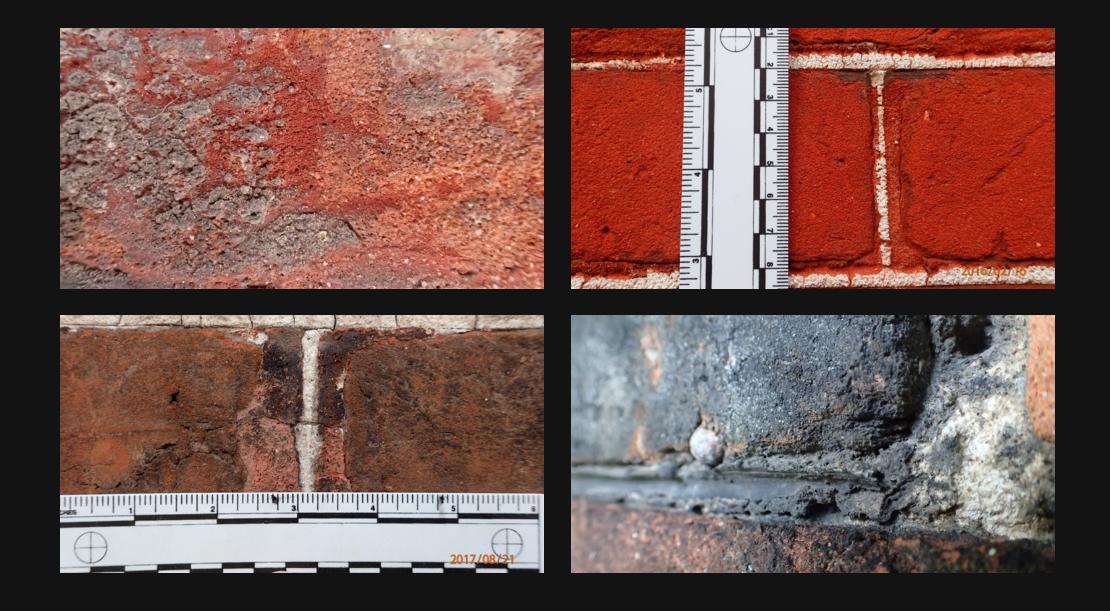


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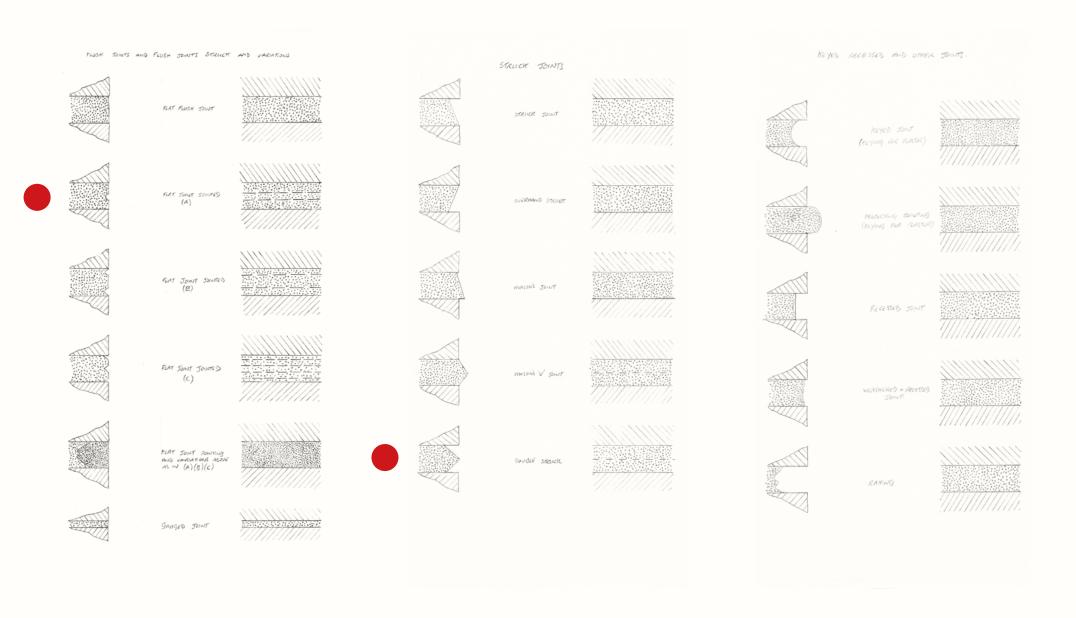
# Aims and objectives

- —Accurately record jointing and pointing finishes and associated surface treatments which are subject to attrition from processes such as weathering, building alteration and re-pointing.
- —Literature search.
- —To develop a methodology and protocol for recording these finishes.
- —To provide an illustrated glossary of the types of joint finish.
- —To explore options for analysis of these mortars and colour washes, from highly technical analysis through to simple observation.
- —Provide a final report and disseminate the results.

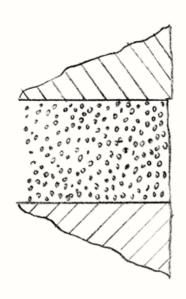




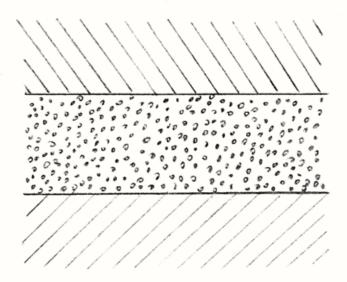
# **Jointing Glossary**

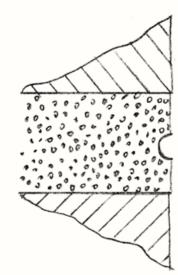


### FLUSH JOINTS AND FLUSH JOINTS STRUCK AND VARIATIONS

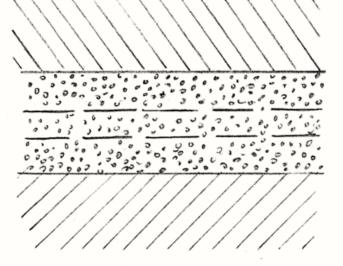


FLAT FLUSH JOINT

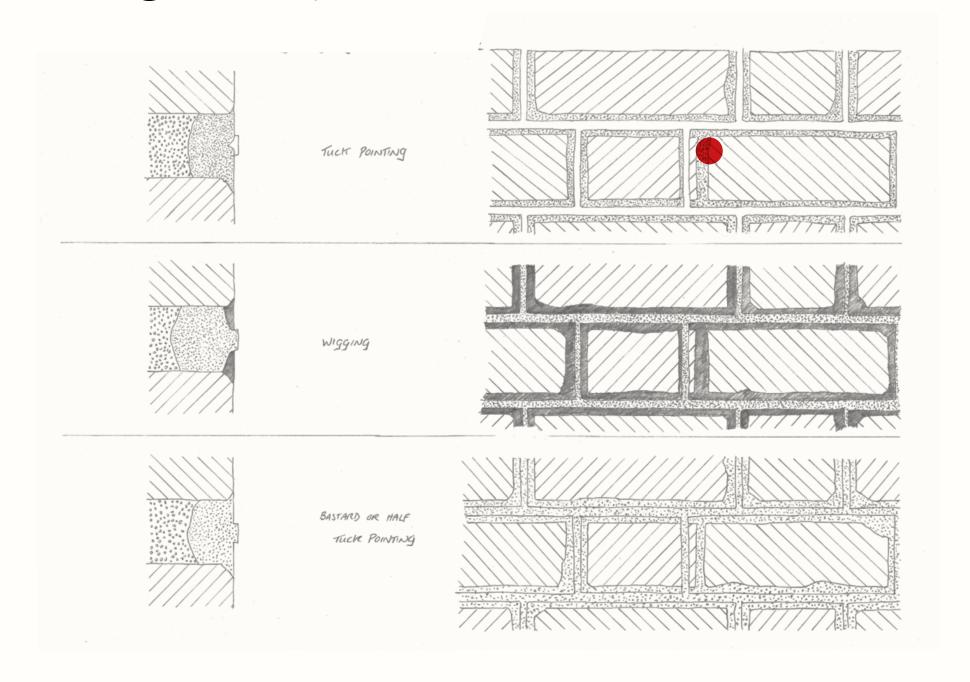




FLAT JOINT JOINTED



# Pointing Glossary Tuck pointing, wigging and bastard tuck



# Survey Forms Interior, elevation, 'walk-round'

7491 Historic Brickwork in East Aneli

#### Document 3: Detailed Recording Summary sheet:

Summary record sheet for detailed recording of Jointing and Pointing finishes; suitable for both exterior elevations. (Used in conjunction with detailed record sheets).

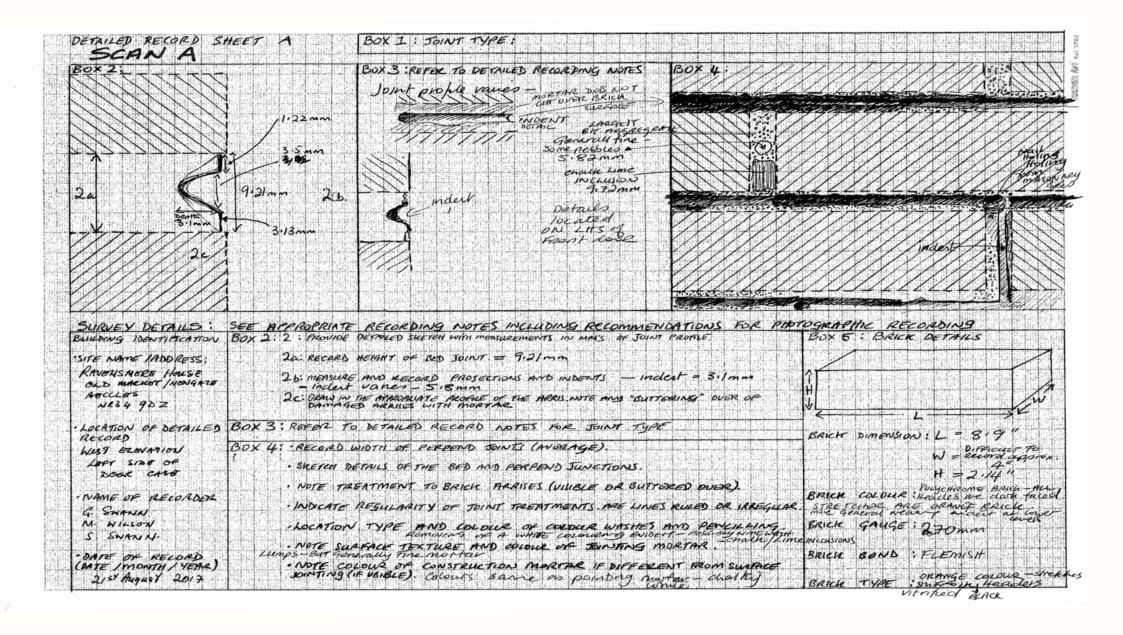
| Survey date;<br>dd/mm/yy   | Surveyor's name  |
|--|--|
| House/Building Name and full<br>address  |  |
| Bailding type or purpose:<br>i.e. terraced house, church,<br>chapel, industrial building,<br>timber framed house.  |  |
| Date of building if known, or approximate date.  |  |
| Has a "Detailed Record Sheet A"<br>or a Tuck, Wig or Bastard Tuck<br>record sheet been completed?  |  |
| Please give details of type of<br>sheet and number of sheets.  |  |
| Has a photo record been completed? Tick where appropriate in adjacent box.  Photo specification: 10 megapisel camera or greater [DSLR if possible], set con maximum definition, and saved in jpeg or tiff format | General elevation or building exterior (if an interior area is being recorded.  General photo of area/elevation being recorded ( if different from above)  Gose up detail of pointing with scale rule.  Gose up detail of colour wask/pigments or other details.  Image of any relevant detailing. |
| Further information on building or area being recorded.  |  |
| a. Is the building listed or<br>have other designation?  |  |
| b. Are you aware of any of<br>sources of information<br>on the building, reports,<br>surveys or references?  |  |
| c. Please add any other<br>relevant information.   |  |

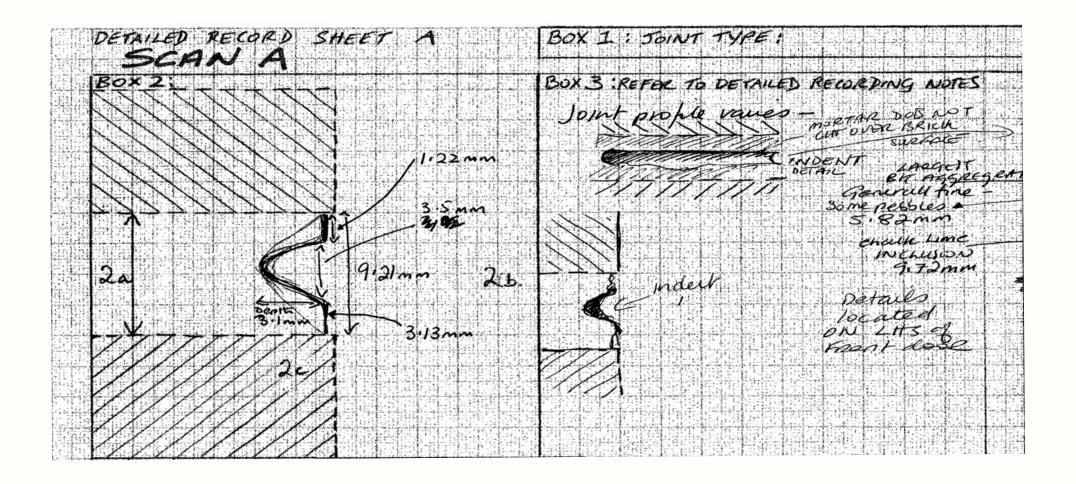
7491 Historic Brickwork Jointing and Pointing Survey Document 2: General Record Sheet for Exterior Elevation Survey.

| Survey Date:<br>dd/mm/xx                                       | Surveyor's name:   |
|--|--|
| House/building name, number                                    | er, full postal address and national grid reference:                       |
|  | ,, and person and an arrangement of the second                             |
|  |  |
|  |  |
| Building type in terraced hou                                  | ise, number of storeys (2 storey means groups and first floor) industrial, |
| ecclesiastical, chapel, other et                               |  |
|  |  |
|  |  |
|  |  |
| Date of building (give approxi                                 | mate date if knownj:   |
|  |  |
| Identify the area surveyed wi                                  | th orientation: i.e. principal south elevation etc.                        |
|  |  |
|  |  |
| Citte a cimple description of t                                | he elevation including principle masonry materials, any surface            |
| natterning (dark headers or c                                  | colour variations), polychrome brickwork etc. Or the range of bricks used  |
| such as gauged bricks, yousse                                  | irs or quoins. Stone dressings etc.  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Identify principle brick joint f                               | inishes from the illustrated glossary and include more than one if         |
| appropriate.   |  |
|  |  |
|  |  |
| Note where these are located:                                  |  |
|  |  |
|  |  |
|  | 1-21   |
| Are there un-weathered exan                                    | ples? If yes where are these located?                                      |
|  |  |
|  |  |
| Is there evidence of colour wa                                 | ash or other treatments? If yes describe this giving colour and details:   |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Has an area of un-weathered                                    | surface/joints been inspected? If yes where describe:                      |
| Date hand and any speciation                                   |  |
| Brick bond and any variation:<br>Brick type and any variation: |  |
| or reas of the annually variations:                            |  |

#### **Walk Round Survey Sheet**

| Name of Town/Village: | Date:            | Name of recorder:                                   |                 |
|-----------------------|------------------|---|-----------------|
| Address               | Type of Pointing | Notes: Date of bldg,/brick colour/type of bldg, etc | Photos<br>taken |
|                       |                  |   |                 |
|                       |                  |   |                 |
|                       |                  |   |                 |
|                       |                  |   |                 |
|                       |                  |   |                 |
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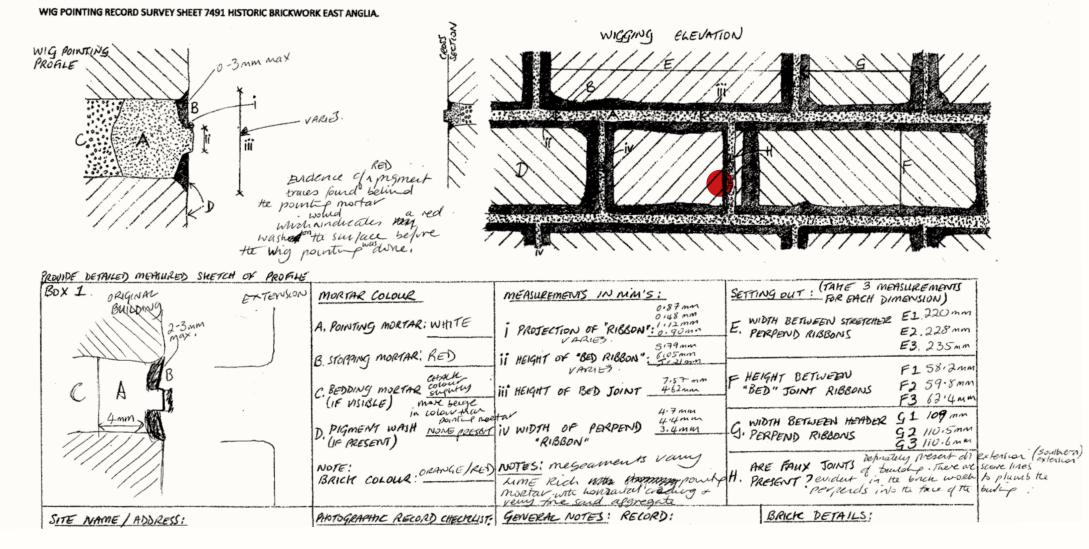


### SCAN C

21.08.2017

WIG POINTING RECORD SURVEY SHEET 7491 HISTORIC BRICKWORK EAST ANGLIA. WIGGING ELEVATION WIG POINTLING -3mm max PROFILE IARIS Endence of mament traces found believed the point of mortar which andicales my washed to surface before the wig point pundone. PROVIDE DETAILED MEAGURED SHETCH OF PROFILE SETTING OUT : (TAKE 3 MEASUREMENTS BOX 1. ORIGINAL EXTENSION MORTAR COLOUR MEASUREMENTS IN MM'S: - FOR EACH DIMENSION) BUIDDWO 0.87 mm E. PERPEND RIBBONS E2.228 mm 0148 mm A, POINTING MORTAR; WHITE 2-3 MM | PROJECTION OF "RIBSON": 1.12 mm VARIES SIFFMM E3. 235 mm B. STOPPING MORTAR, RED 5,21mm II HEIGHT OF "BED RIBBON F1 58,2mm VARILA E HEIGHT BETWEEN 7.57 mm C. BEDDING MORTAR COLOUTY F2 59.8mm III HEIGHT OF BED JOINT 4.62 mm "BED" JOINT RIBBONS F3 62.4mm (IF VISIBLE) more beinge in color than 4.7 mm 91 109 mm (Lmm 4.4mm WIDTH BETWEEN HEADER D PIGMENT WASH NONE POSSOT IN WIDTH OF PERPEND G. PERPEND RIBBONS 92 110.5mm UP PRESENT) "RIBBON" BRICK COLOUR: ORANGE/KEN NOTES: megeaments vary reprotely wesent di extension (Southern) ARE FAUX JOINTS depressed from the control of the Reserve I see I LIME Rich notto Bromman porulat mortar with honzaited coaling of SITE NAME / ADDRESS: PHOTOGRAPHIC RECORD CHECKLIST GENERAL NOTES: RECORD: BRICK DETAILS: DIMENSIONS (IF READABLE) DEPTH OF STOPPING MORTAR (B) (IF USIBLE) 32, BLYBURGHGATE GENERAL ELEVATION PHOTO AT DEEPEST MEASUREMENT. 1834"-9 Box 1 . = 1,2m. BECCLES CLOSE UP DETAIL OF HEIGHT: 2/4 POINTING WITH SCALE RULE EVIDENCE OF EARLIER JOINT FINISH BENEATH DEPTH: 4"-41/4" STOPPING MORTAR (IF USIGLE) ORMUGE /RED LOCATION OF DETAILED RECORD: ·CLOSE UP DETAIL OF BOX 1. - NO Evidence of Earlier joint ERICH COLOUR FRONT ROAD ELEVATION PIGMENTS AND OTHER DETAILS · RELORD TREATMENT TO ARCH AND OTHER DETAILING (PHOTO EVIDENCE) pointing in ARCH on original 14 "(on exersion EAST ELEVATION BRICK GAUGE Simlding JOINT TREATMENT TO NAME OF RECORDER: CHECK PLUMB OF PERPEND AND LEVEL! ARCHES AND OTHER DETAILS Genish FranksH BRICK BOND mark wilson OF BED JOINT RIBBONS (NOTE BELOW) SIMON SWANN The reveal between the wrondow paire of HAND HAMO MADE MADE RED BRICK TYPE appine swamv face of bruch work = 5.6 mm RED Rubbed and gaqued broke and ... Hat + camper arch with gauged joint joints DATE OF RECORD: (DATE/MONTH/YEAR)

### SCAN C

















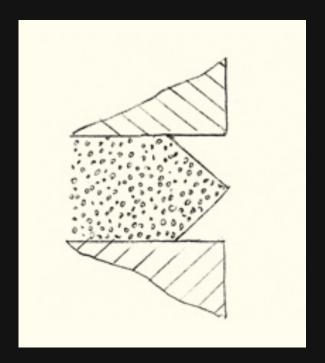
Fireplace in timber-framed building with ruddled brickwork and flush, or under struck, jointing. Probably 16th c.











Sixteenth century porch to Borley church, Essex. Interior double struck jointing, ruddled with surviving thin render 'immitation stone' detailing to window jambs.

## Conclusion

- —Recording existing survivals from the c16th to the early c20th
- —Relating evidence to available historic texts and other research (such as the work of Timothy Easton in East Anglia)
- —Understanding materials and colours through analysis
- —Starting to understand processes used to replicate joints
- —Providing detailed records to inform re-pointing procedures, and some initial comments on conservation approaches
- —Disseminating both recording methodology and pilot study findings

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