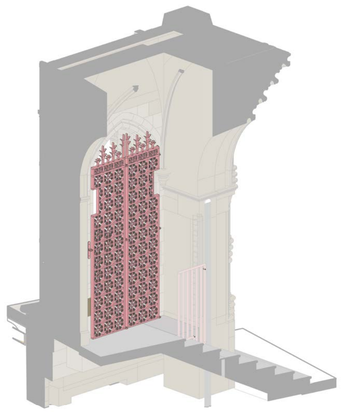
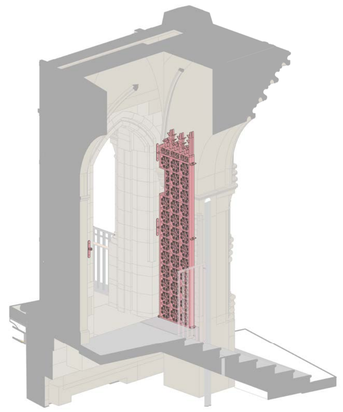
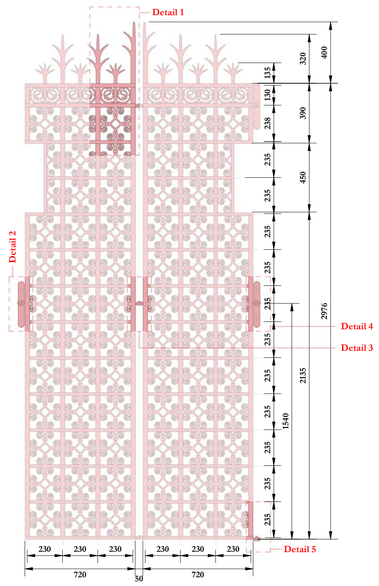


**Gate closed**



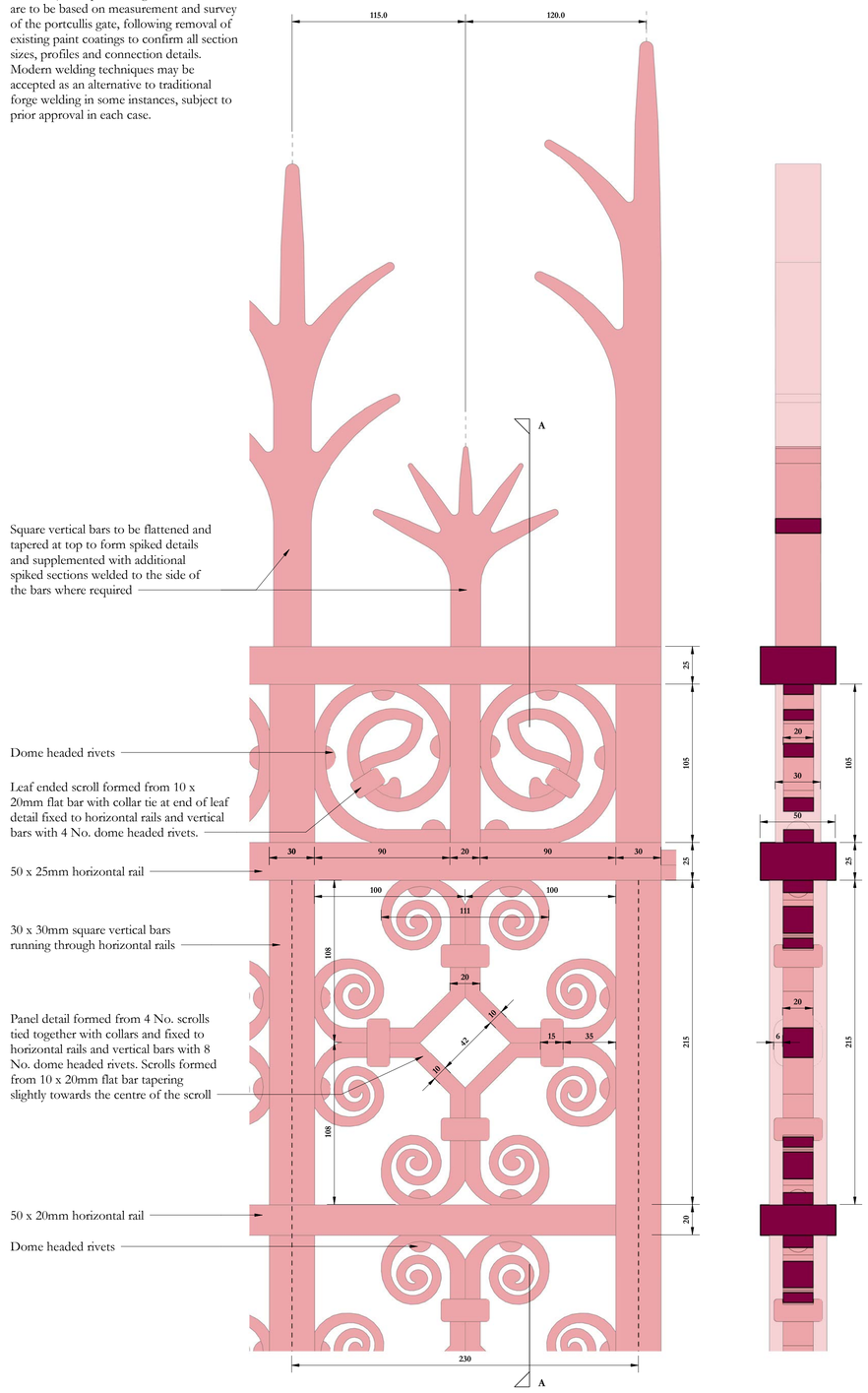
**Gate open**

General note
The gate is to be fabricated from mild steel, manufactured using traditional forging techniques and fabrication methods. Vertical bars are to run through square punched holes in the horizontal rails with riveted tenon joints to top and bottom rails. Each scroll is to be individually hand forged using a custom-made scroll tool, joined to other scrolls with collars and fixed to horizontal rails and vertical bars with dome headed rivets. All details and section sizes are to replicate those employed in the manufacture of the adjacent portcullis gate. Final details are to be based on measurement and survey of the portcullis gate, following removal of existing paint coatings to confirm all section sizes, profiles and connection details. Modern welding techniques may be accepted as an alternative to traditional forge welding in some instances, subject to prior approval in each case.




**Internal elevation of the proposed gate**
1 : 20

DETAIL 1



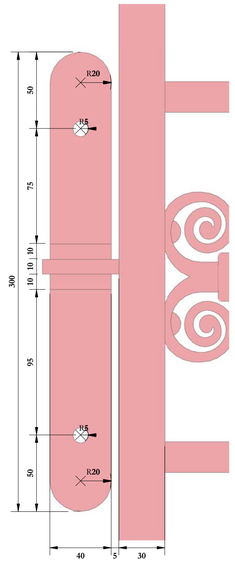

**Gate detail**
1 : 2




**Detail section A-A**
1 : 2

DETAIL 2

Hasp and staple



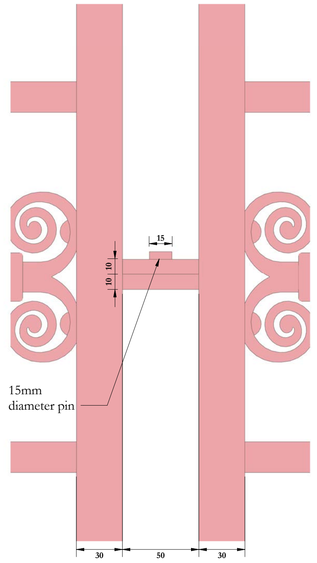

**Elevation**
1 : 2




**Plan**
1 : 2

DETAIL 3

Central hinge




**Elevation**
1 : 2

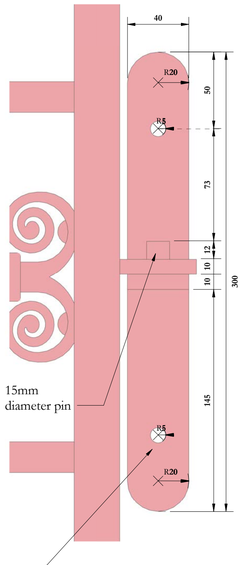
Hinges fixed to stone using Fischer Ultracut FBS II 8 x 90 25/- US A4 stainless steel 80mm long x 10mm diameter stainless steel self-tapping screws fixed into 8mm diameter x 100mm deep pre-drilled holes




**Plan**
1 : 2

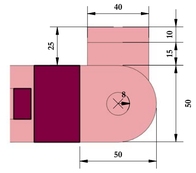
DETAIL 4

Top hinge




**Elevation**
1 : 2

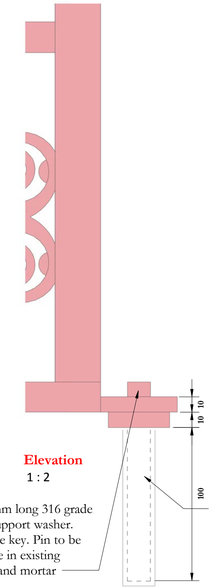
Bottom hinge formed from 10mm diameter x 135mm long 316 grade stainless steel with 40mm diameter x 10mm thick support washer. Thread to be cut in bottom section of pin to provide key. Pin to be embedded in new 12mm diameter 105mm long hole in existing granite slab and secured with 1 : 2 hydraulic lime : sand mortar



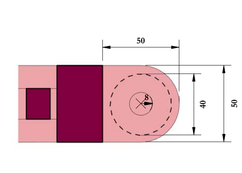

**Plan**
1 : 2

DETAIL 5

Bottom hinges




**Elevation**
1 : 2

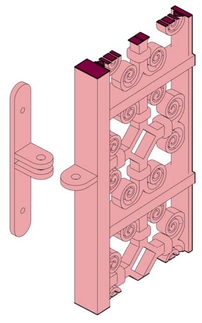



**Plan**
1 : 2

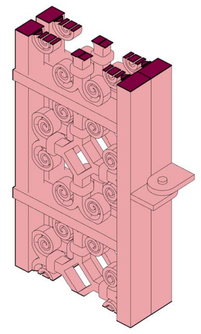
**Scale Bars** to be used as guidance only - refer to sheet size below

| | | | | | | |
|---|---|---|---|---|---|---|
| 1:100 | mm | 1000 | 3000 | 5000 | 7000 | |
| 1:200 | mm | 5000 | 8000 | 12000 | 16000 | |
| 1:500 | M | 5 | 15 | 25 | 35 | |
| 1:1250 | M | 10 | 30 | 50 | 70 | 90 |

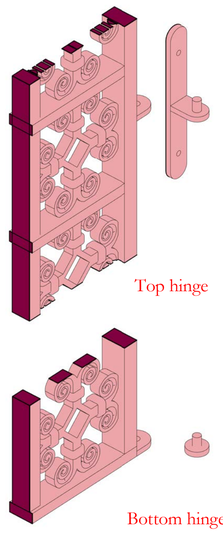
**Notes:**
Drawings are based on survey data and may not accurately represent what is physically present.
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.
All dimensions are in millimeters unless noted otherwise.
Purcell shall be notified in writing of any discrepancies.



Hasp and staple



Central hinge



Top hinge

Bottom hinges

| ISSUE | DATE | APPROVED | DRAWN | DESCRIPTION |
|---|---|---|---|---|
| - | 08/04/2020 | GR | EP | First Issue |


OUR TOWN HALL PROJECT
PURCELL
Project Office, Town Hall, MANCHESTER M60 2LI
+44 (0) 7970 097 432
www.purcelluk.com


| | |
|---|---|
| PROJECT STATUS | RIBA STAGE 4 |
| CLIENT | MANCHESTER CITY COUNCIL |
| PROJECT | OUR TOWN HALL |
| DRAWING TITLE | Lloyd St entrance lobby - new gate |
| SIZE & SCALE | A1: As indicated |
| DRAWING STATUS | For Tender |
| JOB NUMBER | 236959 |
| DRAWING NO. | OTH-PUR-EX-ZZ-DWG-A-7151 |
| REV | - |

© PURCELL 2019. PURCELL ® IS THE TRADING NAME OF PURCELL ARCHITECTURE LTD.

09/04/2020 16:33:20