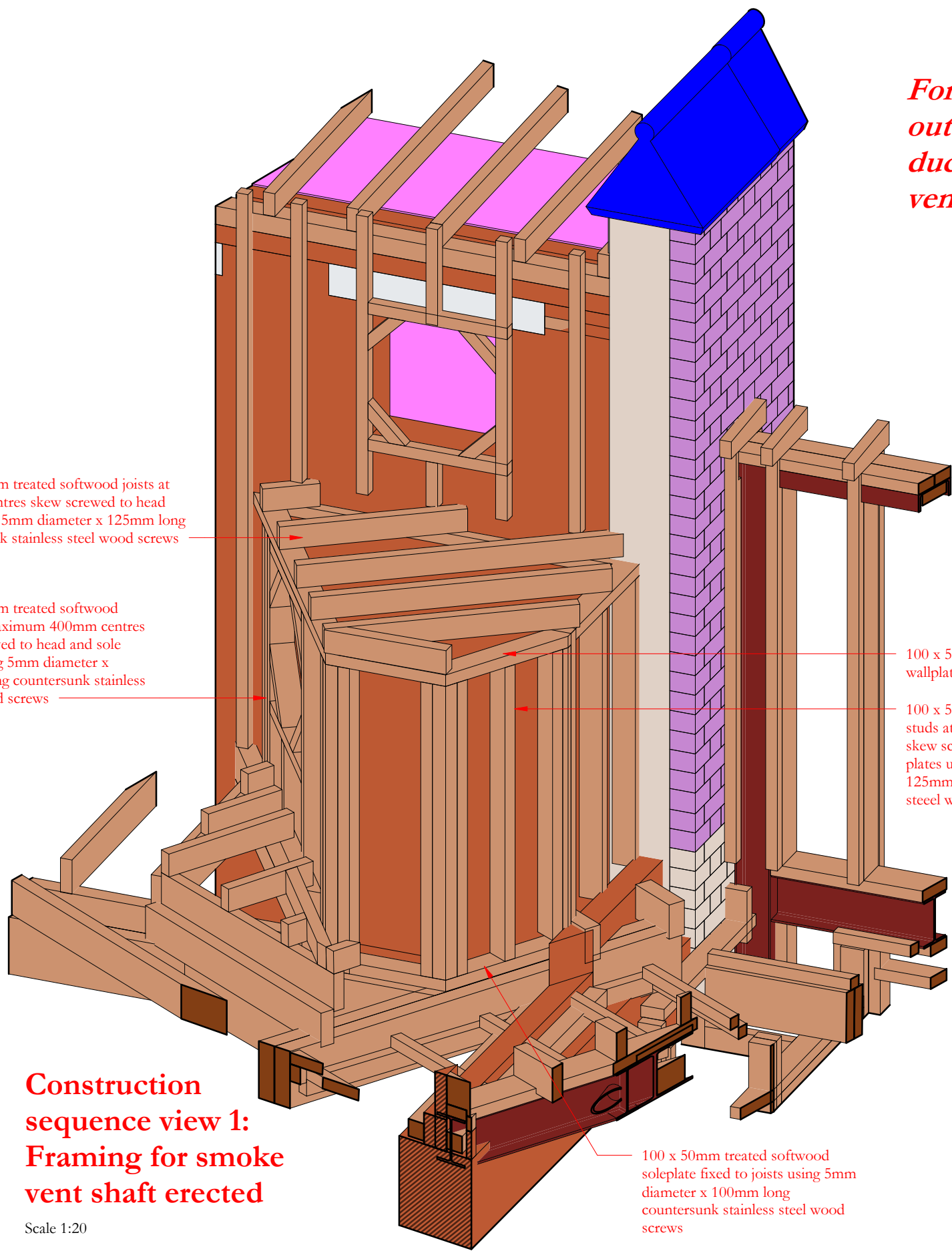
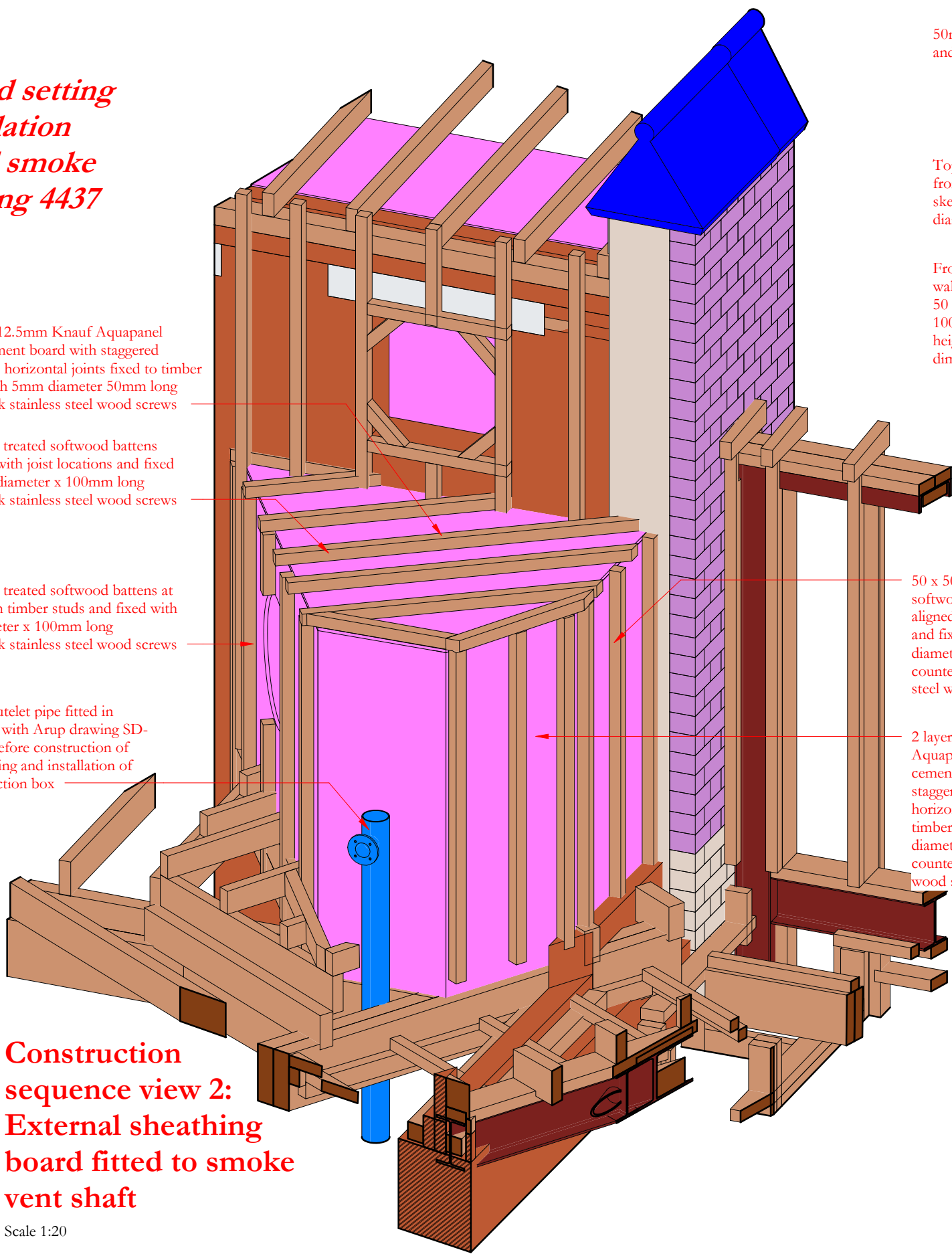




**Construction sequence view 1:
Framing for smoke
vent shaft erected**

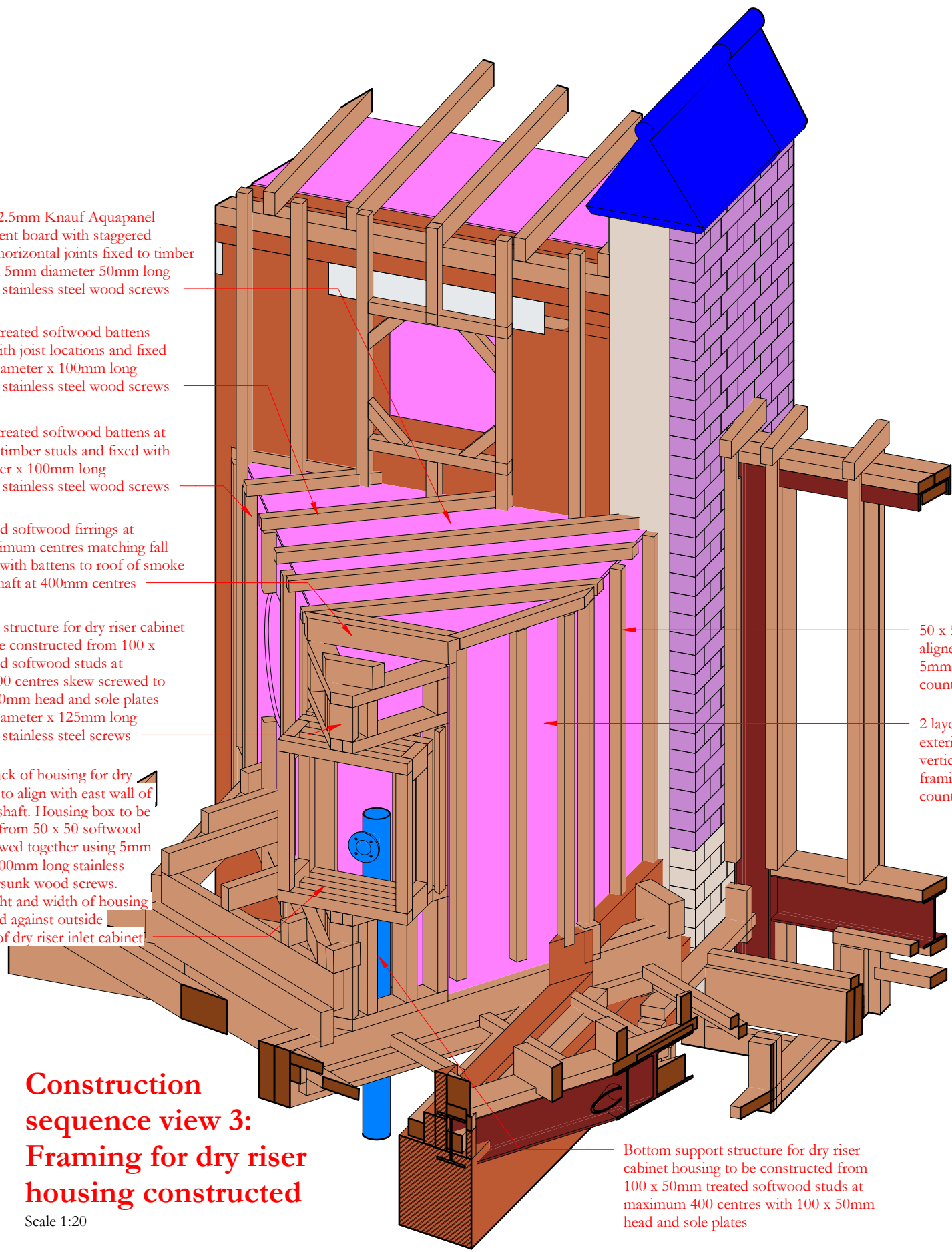
Scale 1:20

**For further details of and setting
out dimensions of ventilation
duct outlet housing and smoke
vent shaft refer to drawing 4437**



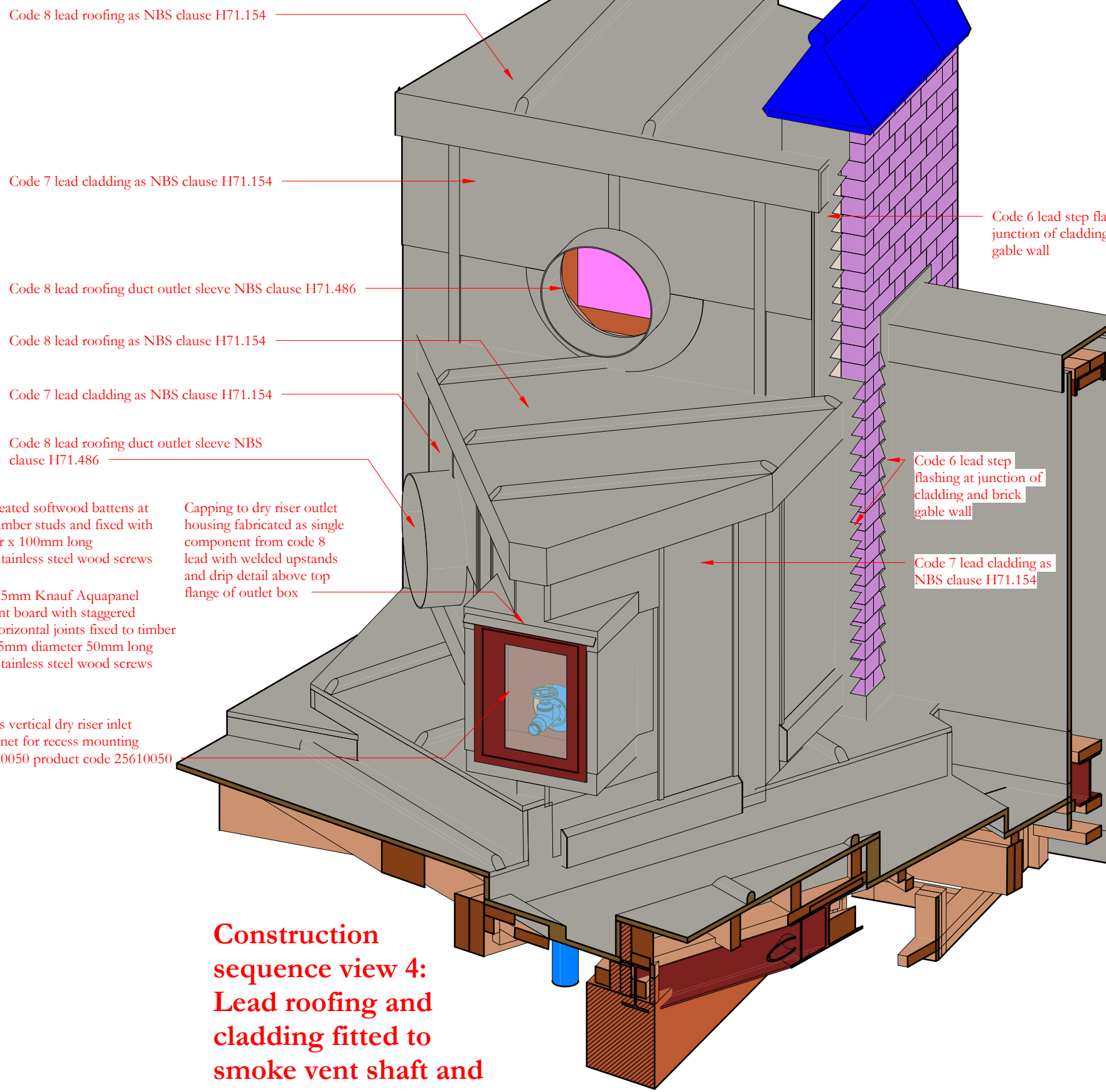
**Construction sequence view 2:
External sheathing
board fitted to smoke
vent shaft**

Scale 1:20



**Construction sequence view 3:
Framing for dry riser
housing constructed**

Scale 1:20



**Construction sequence view 4:
Lead roofing and
cladding fitted to
smoke vent shaft and
dry riser housing**

Scale 1:20

50mm treated softwood firings at 400mm maximum centres matching fall and aligning with battens to roof of smoke ventilation shaft at 400mm centres

Top support structure for dry riser cabinet housing to be constructed from 100 x 50mm treated softwood studs at maximum 400 centres skew screwed to with 100 x 50mm head and sole plates with 5mm diameter x 125mm long countersunk stainless steel wood screws

Front and back of housing for dry riser cabinet to align with east wall of smoke vent shaft. Housing box to be constructed from 50 x 50 softwood framing screwed together using 5mm diameter x 100mm long stainless steel countersunk wood screws. Internal height and width of housing to be checked against outside dimensions of dry riser inlet cabinet

Boss vertical dry riser inlet cabinet for recess mounting Boss vertical dry riser inlet cabinet for recess mounting MK0050 product code 25610050

Dry riser outlet pipe as Arup drawing SD-P-35-011

Bottom support structure for dry riser cabinet housing to be constructed from 100 x 50mm treated softwood studs at maximum 400 centres with 100 x 50mm head and sole plates

50 x 50mm treated softwood battens at aligned with timber studs and fixed with 5mm diameter x 100mm long countersunk stainless steel wood screws

2 layers of 12.5mm Knauf Aquapanel exterior cement board with staggered vertical and horizontal joints fixed to timber framing with 5mm diameter 50mm long countersunk stainless steel wood screws

Front and back of housing for dry riser cabinet to align with east wall of smoke vent shaft. Housing box to be constructed from 50 x 50 softwood framing screwed together using 5mm diameter x 100mm long stainless steel countersunk wood screws. Internal height and width of housing to be checked against outside dimensions of dry riser inlet cabinet

Boss vertical dry riser inlet cabinet for recess mounting MK0050 product code 25610050

Dry riser outlet pipe as Arup drawing SD-P-35-011

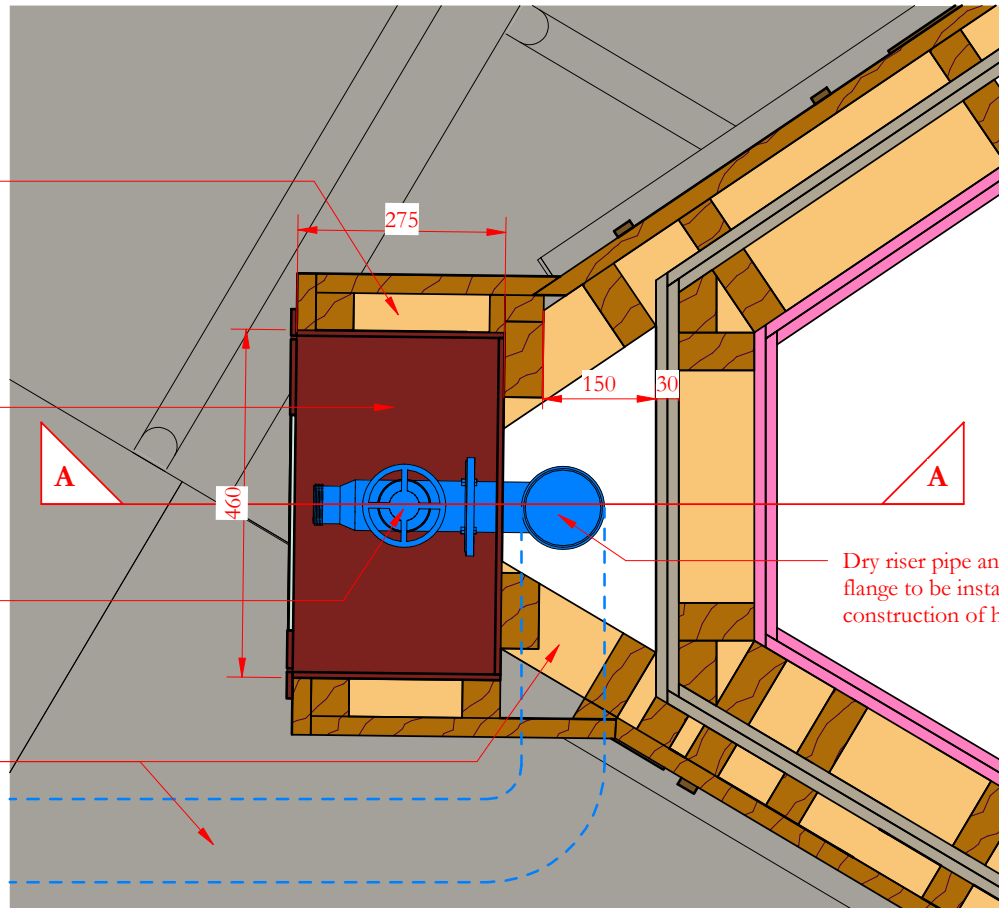
Route of dry riser pipe at high level along north wall of lobby 06-C03a and returning along wall on east side of partition to riser 17

Bottom support structure for dry riser cabinet housing to be constructed from 100 x 50mm treated softwood studs at maximum 400 centres with 100 x 50mm head and sole plates

Route of dry riser pipe at high level along north wall of lobby 06-C03a and returning along wall on east side of partition to riser 17

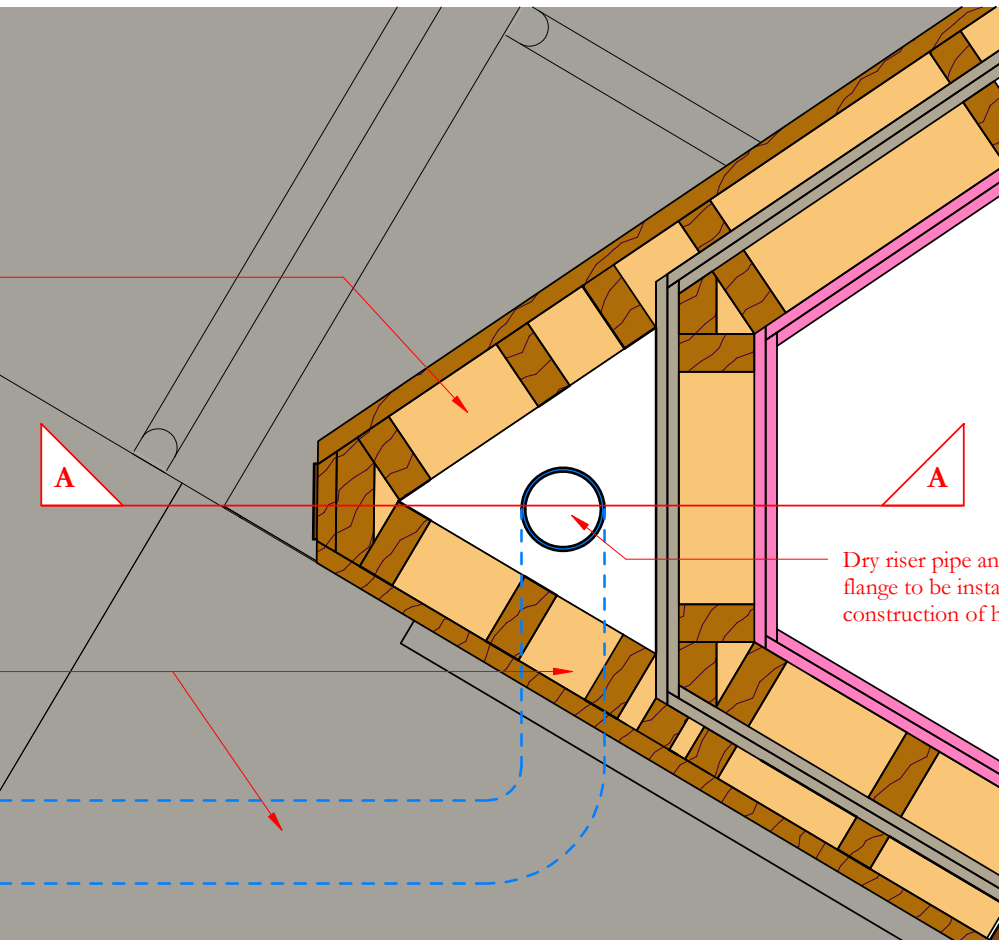
Section A-A

Scale 1:10



Section B-B

Scale 1:10



Section C-C

Scale 1:10

SCALE BAR
1 to 10
0 100 200 300 400 500

Scale Bars to be used as guidance only - refer to sheet size below									
1:100	mm	1000	2000	3000	4000	5000	6000	7000	8000
1:200	mm	500	1000	1500	2000	2500	3000	3500	4000
1:500	m	10	20	30	40	50	60	70	80
1:1250	m	10	20	30	40	50	60	70	80

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.

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
-	02/05/2024	GR	JRC	First Issue



Project Office, Town Hall, MANCHESTER M60 2L1
+44 (0) 7970 097 432
www.purcelluk.com

PROJECT STATUS	RIBA Stage 5
CLIENT	Manchester City Council
PROJECT	Our Town Hall
DRAWING TITLE	Roof ECRp01 details of dry riser outlet housing
SIZE & SCALE	A1: As shown
DRAWING STATUS	S4 Construction

JOB NUMBER	236959
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DRAWING NO.	OTH-PUR-TH-RF-DWG-A-7476
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