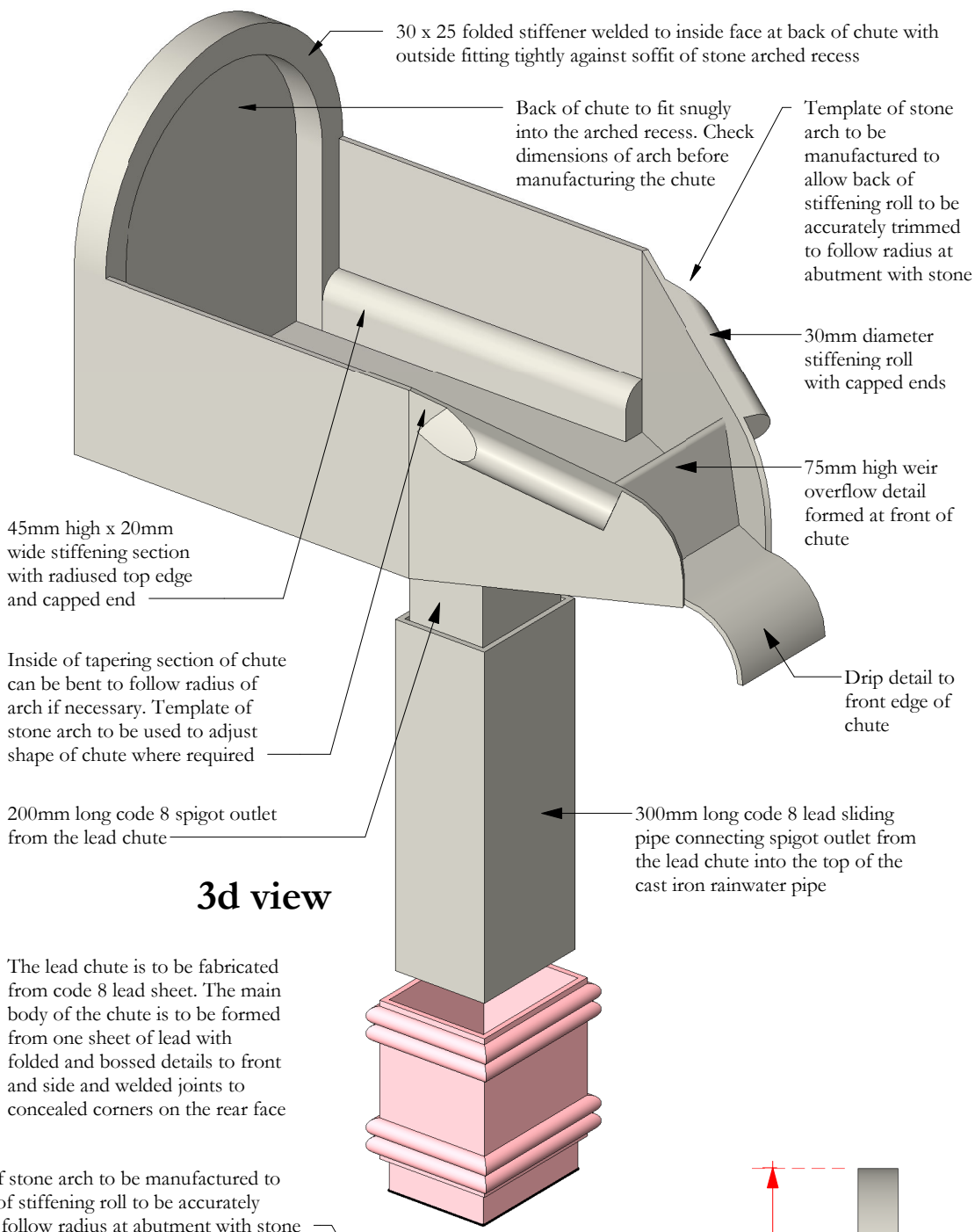
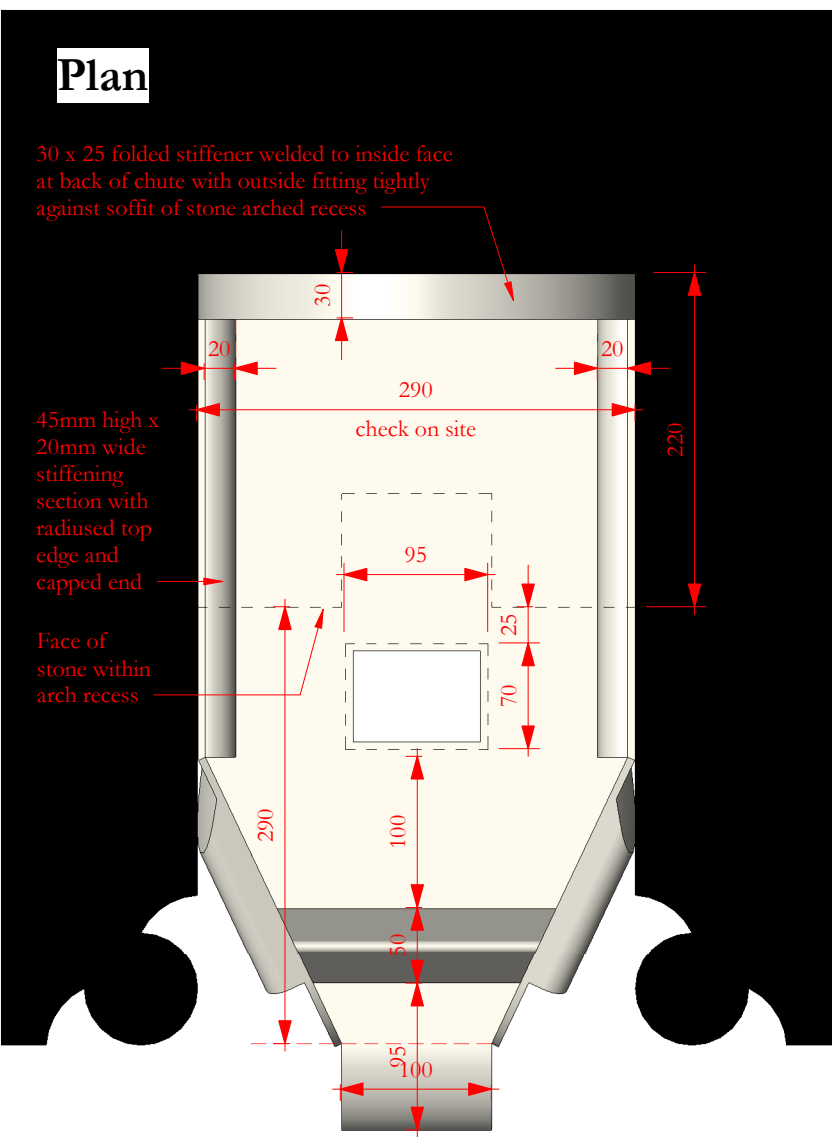
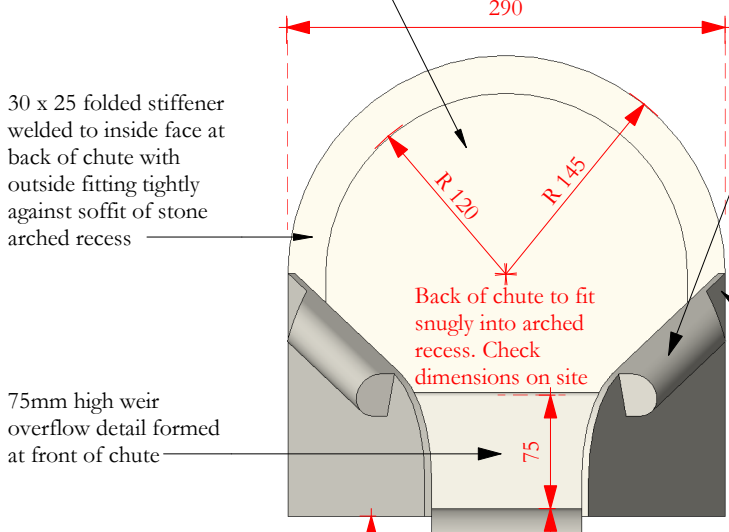




Back of chute to fit snugly into the arched recess. Check dimensions of arch before manufacturing the chute



Template of stone arch to be manufactured to allow back of stiffening roll to be accurately trimmed to follow radius at abutment with stone

30mm diameter stiffening roll with capped ends

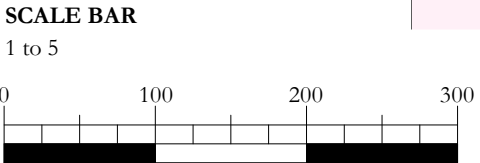
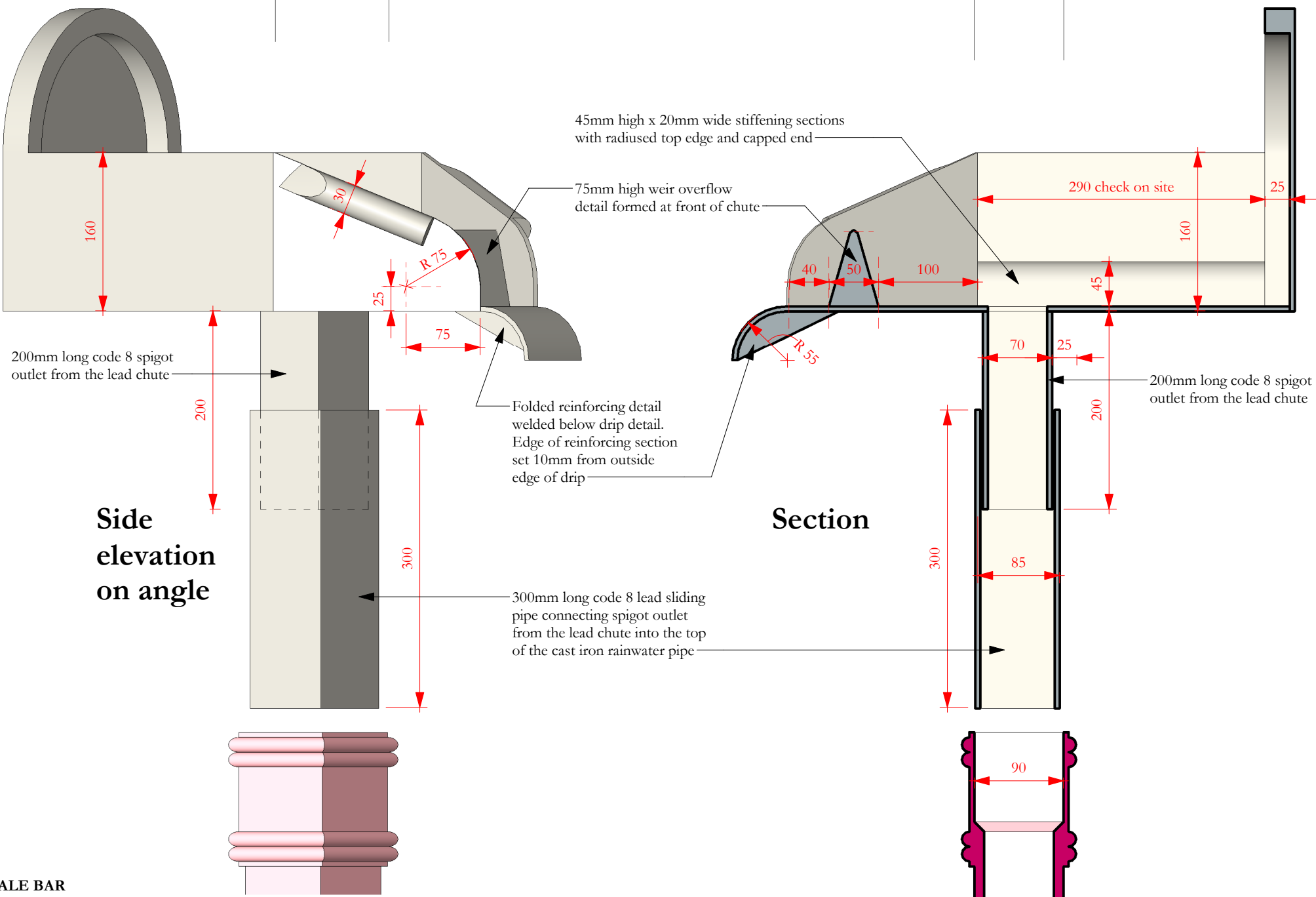
Inside of tapering section of chute can be bent to follow radius of arch if necessary. Template of stone arch to be used to adjust shape of chute where required

Drip detail to front edge of chute

200mm long code 8 spigot outlet from the lead chute

300mm long code 8 lead sliding pipe connecting spigot outlet from the lead chute into the top of the cast iron rainwater pipe

Side elevation



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.

Site dimension and other checks before the chute is manufactured

A timber template of the stone arch at the top of the chute opening is to be manufactured to allow the back of the tapered outlet and profile of the stiffening rolls to be adjusted so that the chute will fit tightly and neatly into the opening

The overall height, width and depth of opening formed for the chute is to be carefully checked before manufacture is commenced. The overall size should be adjusted if necessary to take account of minor variations between the dimensions shown on this drawings and the size of the opening formed on site to ensure that the chute fits snugly into the aperture available

The size and location of the spigot outlet from the chute is to be determined as follows:

Rectangular cast iron pipe collar internal dimensions: 115mm wide x 90mm deep

Sliding lead pipe for connection to rectangular cast iron pipe *outside* dimension 110 x 85mm.

Spigot outlet from bottom of chute to sliding rectangular lead pipe *outside* dimension 95 x 70mm.

Back of lead spigot from face of wall = 25mm

The centre of the spigot should be set on the centre line of the rainwater pipe. This should be carefully checked based on several criteria:

- Weathering shadow on the wall
- The centre line between several sets of fixing bracket holes
- For corner fixed pipes the centre line will be inside collar dimension 115 divided by 2 + 6 = 64mm

Seek further guidance if it is not possible to determine the centre of the pipe.

The sliding pipe should be manufactured *after* the chute has been fitted to allow it to be adjusted if necessary to account for variation in the final location of the spigot and the rainwater pipe.

Overall pipe size based on shape - rectangular or square should be checked before work proceeds.

Revision 01: Design of the chute amended to take into account reduced size and amended location of drop shaft due to discovery of iron cramp: Back of chute amended to match the size and shape of the stone recess. Stiffening sections added to back and bottom of the chute

01	04/06/2024	JC	GR	See note in revision cloud
	27/02/2023	JC	GR	First issue
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



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CLIENT Manchester City Council

PROJECT Our Town Hall

DRAWING TITLE Lead chute Cooper Street tower rainwater pipes RWP 56 and RWP 57

SIZE & SCALE A2 1 : 5

DRAWING STATUS S4 Construction

JOB NUMBER 236959

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