

TYPICAL VIEW OF PARAPET, CORNICE AND STONE CHUTE SHOWING RELATIONSHIP OF NEW CHUTE, RAINWATER OUTLET AND CAST IRON RAINWATER PIPE

New circular code 8 lead rainwater pipe running through masonry from bottom of catch pit and discharging into chute over outlet into the cast iron pipe. Pipe and route through stone to be reconfigured to eliminate bends, reduce blockages and allow rodding. Where possible the pipe diameter will be increased to 150mm diameter

Length of top cast iron rainwater pipe to be reduced to accommodate new chute outlet below cornice

New lead chute to be inseted in new 200mm wide x 150mm (approx) high rectangular opening formed in stone immedialy below cornice

Drip detail at front of chute

CHUTE/ CATCH PIT FRONT ELEVATION

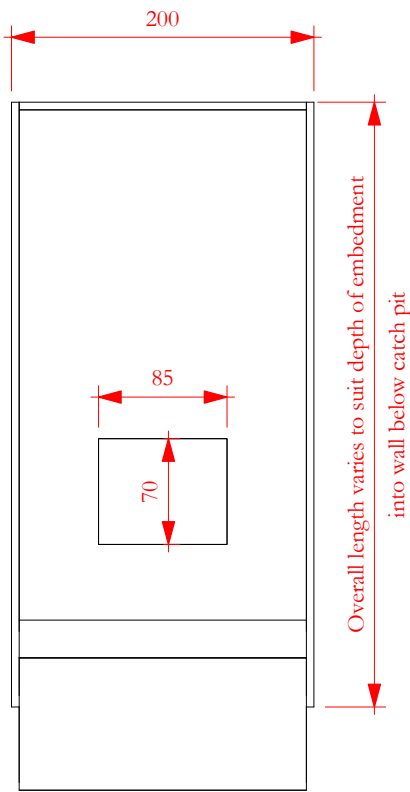
CHUTE/ CATCH PIT SIDE ELEVATION

New lead chute to be fabricated from code 8 lead sheet. The main body of the chute is to be formed from one sheet of lead with folded and bossed details to front and side and welded joints to concealed corners on the rear face

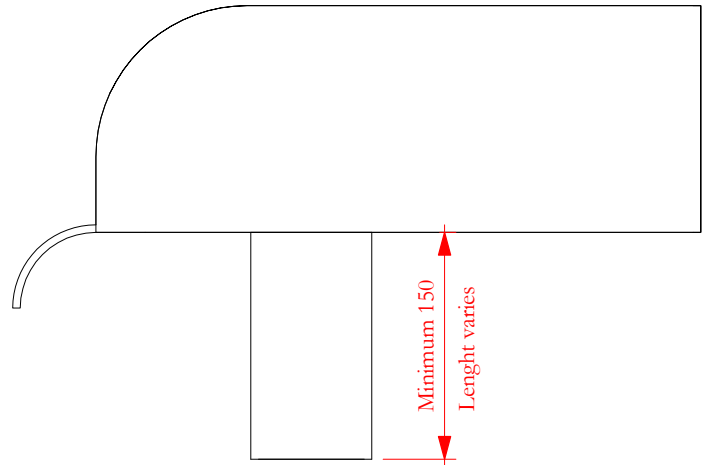
New 75mm high weir overflow detail fromed at front of chute

Size and shape of outlet in the base of the chute is to suit the type of rainwater pipe it is connected to. Chutes to Albert Square, Lloyd Street, Cooper Street and Princess Street to have rectangular outlets. Courtyard chutes to be have circuar chutes. The length of outlet pipes will vary depending on individual cornice details

Back sectoin of chute embedded in new rectangular hole formed in stone immediately below the cornice



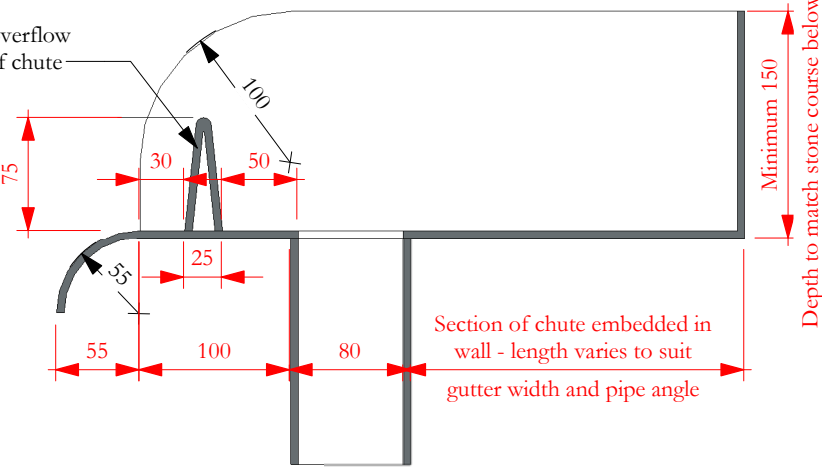
PLAN



SIDE ELEVATON

New lead chute to be fabricated from code 8 lead sheet. The main body of the chute is to be formed from one sheet of lead with folded and bossed details to front and side and welded joints to concealed corners on the rear face

New 75mm high weir overflow detail formed at front of chute



CROSS SECTION

FRONT 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	10000	12000	
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.

Revision 01: Drawing re-issued for construction. No changes to content

20/01/2020	JC	GR	First issue
1	04/01/2021	JC	GR
ISSUE	DATE	APPROVED	DESCRIPTION



Project Office, Room 308, 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 Typical new lead chute detail to parapet gutter catch pits

SIZE & SCALE A2: 1 : 5

DRAWING STATUS S4 Construction

JOB NUMBER 236959

DRAWING NO. REV

OTH-PUR-TH-RF-DWG-A-7045 01

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