

KEY TO MASONRY REPAIRS

A Full plain ashlar block replacement

Cut out ashlar block and insert new stone to match existing. Bedding and backing to be on 1:3 lime / sand mortar. Keep mortar back 25 mm from face for later repointing.

B Partial, full depth plain ashlar replacement

Cut back ashlar block to an agreed line, full depth. Hand dress the remaining section to a sharp arris. Insert new stone to match, bedding all as above, cramped and / or doweled in position. C41 / 340C.

C Full face indent to plain ashlar

Full face replacement only on block min. 200 mm deep. Cut back existing block 100 mm from face and indent repair as specification.

D Partial face indent to plain ashlar

Partial face replacement only on block min. 200 mm deep. Cut back existing block 100 mm from face and indent repair as specification.

E Carved work indent replacement

Partial block replacement including full projection of weathering or decorative carved stone. Refer to specification for preparation and installation details.
u/s - underside of moulding / string only
t/s - topside of moulding / string only

F Carved work replacement

Full carved block replacement of projecting weathering or decorative carved stone. Refer to specification for preparation and installation details.

G Re-dressing

Where the surface damage is superficial, or loose friable stone needs removing back to a sound base. Stone is to be dressed back to a sound free draining surface with carborundum blocks or tooling as appropriate.

H De-scaling

Where the surface is powdery and friable, remove loose stone with a stiff brush and carborundum block.

J Cleaning

Carefully clean stonework surface with the Stonehealth Doff System, or alternative approved method, to be carried out by approved contractor. Include: repointing to all cleaned areas, including parapet wall, string courses and sills.

M Mortar repair

Remove existing poor repair, or fixing, and prepare hole as necessary for repointing as below. Point hole in mortar mix to match colour of stone - to be sampled and approved.

P Pointing

Carefully rake out joints and repoint in a 1:3 lime / sand mortar mix. Raking out to be carried out by hand. No power tools are to be used without prior approval.

INDENT DEPTHS (E)

Plain walling stone - min 125 mm
(exact depth T.B.C. on site when depth of individual unit known)
Coping (when full depth) - full girth of coping / wall
Strings / cornices (when full height) - full depth of projection plus min 125 mm into walling stone
Lintols (when full depth) - back to glass line
Cills (when full depth) - back to glass line
Transoms (when full depth) - back to glass line
Mullions (when full width) - back to glass line

ALL PINNACLES - General Note
All pinnacles to be carefully taken down and assessed at ground level. Pinnacles are to be indent repaired, where necessary, and reinstated in original locations with new stainless steel dowels installed for stability.

KEY TO RAINWATER AND SOIL PIPES

Type 1 RWP:
Carefully remove extg. rainwater pipe and chute and cart away. Make good masonry as necessary and remove all redundant fixings. All pipes to be renewed in new 4" cast iron rainwater pipe with anti splash shoe at base. New rainwater pipes to be fixed back to the masonry with ornamental earbands, (profile 320 by J and J Longbottom, or similar approved to match existing), unless stated otherwise. Allow for all fittings as specifically noted on the drawings to ensure efficient transfer of rainwater to the ground.

Type 2 RWP:
Carefully remove extg. rainwater pipe and chute and cart away. Make good masonry as necessary and remove all redundant fixings. All pipes to be renewed in new 6" cast iron rainwater pipe with anti splash shoe at base. New rainwater pipes to be fixed back to the masonry with ornamental earbands, (profile 320 by J and J Longbottom, or similar approved to match existing), unless stated otherwise. Allow for all fittings as specifically noted on the drawings to ensure efficient transfer of rainwater to the ground.

Key Plan
Scale 1:500

KEY

CAT. B

CAT. C

CAT. D

CAT. E

CAT. F

CAT. G

CAT. H

N

1. DO NOT SCALE FROM THIS DRAWING - USE FIGURED DIMENSIONS ONLY.

2. READ IN CONIUNCTION WITH ALL OTHER CONSULTANTS / SPECIALISTS DRAWINGS, REPORT ANY DISCREPANCIES BEFORE AFFECTED WORK COMMENCES.

3. ALL SETTING OUT DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR BEFORE WORK COMMENCES.

4. THIS DRAWING REMAINS COPYRIGHT OF KEP CZYK PEARCE SANDERSON LTD. COPY / DISTRIBUTE ONLY WITH CONSENT OF THE AUTHOR.

N.B. Allow for 10 % overall patch pointing in hydraulic lime mortar NHL 3.5.

Further investigation required to masonry displacement.

Allow for approximately 3 no. 225 mm (W) x 55 mm (H) brick replacements to this area.

Further investigation required to masonry displacement.

Re-point this section of brickwork (shaded area) in hydraulic lime mortar NHL 3.5.

Worn back joints would ideally be re-pointed in hydraulic lime mortar NHL 3.5.

33.23

WIN-029

28.69

28.42

WIN-026

28.62

WIN-023

DOR-009

28.43

33.23

WIN-004

35.19

Contract	Open Libraries Development	Fabric Repairs to East Elevation (III) as Proposed					
Client	Manchester City Council	Contract No.	2141	Drawn	LMC	Drawing No.	FR 011
Building / Structure	Chorlton District Library, Chorlton-cum-Hardy	Date	Apr 2022	Revision	-	Scale	1:25 @ A1
KEPCZYK PEARCE SANDERSON ARCHITECTS, SURVEYORS & HISTORIC BUILDING CONSULTANTS		Address: 75 Wilmslow Road, Handforth, Cheshire SK9 3EN Tel: 01625 400103					