ROOF PLANE 7

see detail c on al(27)0004

ROOF PLANE 6

ROOF PLANE 5

3M DBI-Sala RoofSafe Anchor to be fixed to existing roof truss Refer to detail A-A on (SK)135-03

see detail a + b on al(27)0003

continuous gutter abutment detail see detail a on al(27)0003

see detail c on al(27)0003

2000

2100

roof-mounted mansafe cable

New timber purlin fixed into exisitng truss via 2No simpson strong tie ES/60 refer to detail H-H on (SK)135-06.

300

ROOF PLANE 3

low-profile fixed steps, by Fall Protection Solutions or equal approved:

c/w dark grey GRP treads, powder-coated runners & posts to p substrates; r

F-F on (SK)135-04

200

3M DBI-Sala RoofSafe Anchor to be fixed to new timber purlin. Refer to detail B-B on (SK)135-04

continuous tile ridge see 7376-SK-0571

E-E on (SK)135-03

ROOF PLANE 4

continuous mansafe cable fixed to roof

Aluminium staircase to be supported off existing plywood panel in accordance with manufacturer specification.

Brickwork masonry wall to be made good around timber joist bearing using conservation approved bricks and mortar.

New timber purlin. fixed into exisitng rafters, refer to detail F-F on (SK)135-04 and (SK)135-05.

B-B on (SK)135-03

A-A on (SK)135-03

600

continuous gutter abutment detail see detail a on al(27)0003

D-D on (SK)135-03

New timber purlins to bear into existing brickwork wall. minimum embedment to be 100mm. Timber joist to be tight packed using conservation approved mortar with non-shrink additive. Joist end to be wrapped in DPM.

03

Date	Rev	Description	Drawn	Chkd
25.02.20	C02	For Construction	GS	CH
17.01. 20	C01	For Construction	GS	CH

NOTE:

-All new timber to be C24 U.N.O;
- Maximum force applied to RoofSafe Anchor 12 kN as advice by mansafe manufacturer on the 09.12.'19;
- All steel to be (S275) U.N.O;
- All steel to be protected and painted in accordance with Architects details;
- All bolts to be (8.8) U.N.O, all holes in steelwork to be standard clearance holes;
- All joist brackets to be fully fixed in accordance with manufacturer's specification;

KEY:

- Indicates new timber purlin fixed to existing timber trusses using 2No Simpson Strong Tie ES11/140 nail brackets using 4mm dia x 50mm long nails in accordance with manufacturing nailing pattern 4. 1No 150mm wide x150mm deep (C24) or 2No 75mm wide x150mm deep (C24) doubled up and bolted at 400mm c/c staggered.

- Indicates existing truss rafter to be strengthened using screws at end nodes. Refer to details D-D; E-E; F-F on (SK)135-04.

Civic Engineers

Project: AVRO - Brownsfield Mill

Title: Mansafe System Structural Works

Project Number	Drawing Number	Scale @ A3	Revision
105-30	(SK)135-02	N.T.S.	C02