

ROOF AREAS:

CANOPY ROOF 1:
Roof 1 Area= 271.087 sqm Standing Seam Roof
Roof 2 Area= 338.368 sqm Translucent Panel Roof
Roof 3 Area= 495.801 sqm Standing Seam Roof
Roof 4 Area= 383.803 sqm Translucent Panel Roof
Roof 5 Area= 511.434 sqm Standing Seam Roof
Roof 6 Area= 361.703 sqm Translucent Panel Roof
Roof 7 Area= 648.790 sqm Standing Seam Roof
Roof 8 Area= 328.816 sqm Translucent Panel Roof
Roof 9 Area= 335.511 sqm Standing Seam Roof

Canopy 1 Total Standing Seam Roof Area= 2262.623 sqm
Canopy 1 Total Translucent Panel Roof Area= 1412.69 sqm

Canopy 1 Total Area= 3675.313 sqm

CANOPY ROOF 2:
Roof 10 Area= 344.398 sqm Standing Seam Roof
Roof 11 Area= 195.014 sqm Translucent Panel Roof
Roof 12 Area= 113.423 sqm Standing Seam Roof
Roof 13 Area= 113.962 sqm Translucent Panel Roof
Roof 14 Area= 336.121 sqm Standing Seam Roof
Roof 15 Area= 161.767 sqm Translucent Panel Roof
Roof 16 Area= 83.652 sqm Standing Seam Roof

Canopy 2 Total Translucent Panel Roof Area= 470.743 sqm
Canopy 2 Total Standing Seam Roof Area= 877.437 sqm

Canopy 2 Total Area= 1348.18 sqm

ROOF TYPES:

 TRANSLUCENT POLYCARBONATE PANEL ROOF

 STANDING SEAM ROOF

WALKWAYS:
Provide approved standing seam safe anti-slip surface walking routes to roof for maintenance in line with man-safe system.

 - Walkway locations

DRAINAGE:
Rainwater Goods Capacity: To comply with Building Regulations Approved Document H3 Rainwater & Drainage Section 1.

Rainfall intensity rate - Bury, Manchester CAT 2 0.051 litres/sec per m² of roof area.

GUTTER: 600mm wide x 170mm (150mm minimum) deep metal valley gutter channel, designed and installed as manufacturers details.

SIPHONIC DRAINAGE SYSTEM:
2no. Fullflow Primaflow 09 stainless steel outlets, or similar approved, per gutter run connected to Fullflow collection main pipe below, designed and installed in accordance with manufacturers details and specifications.

1no. Fullflow aluminium downpipe, or similar approved, at one end of each gutter run, designed and installed in accordance with manufacturers details and specifications.

Do not scale off this drawing. All dimensions to be checked on site prior to manufacture and construction. This drawing is the property of Just-H Architects and should not be reproduced without permission. All discrepancies to be brought to the attention of the architect immediately. This drawing to be read in conjunction with the specification / bill of quantities and related drawings.

REVISION			
P11	Roof type amended and roof pitches and dimensions added	23.11.22	CT
P12	Canopy Roof 2 geometry amended. Column positions amended following design review.	30.11.22	CT
P13	Roof type locations amended on Roof 2 and rainwater calculations updated	30.11.22	CT
P14	Roof pitches amended as Kallwall comments, Roof 1 Grid lines C & D altered to suit retained existing canopy and opening	10.01.23	CT
P15	Dimensions updated to suit changes	13.01.23	CT
P16	Roof 1 GL B position amended to suit existing canopy overhangs. Roof 2 Margaret block retained, roof layout altered and column positions amended.	02.02.23	CT
P17	Roof 2 at GL 14-15/K-J amended to cover existing walkway. Roof drainage amended to Fullflow siphonic drainage system, RWP numbers and positions amended to suit.	03.02.23	CT
P18	Roof type areas updated and mansafe system added	14.02.23	CT
P19	Roof types amended	21.02.23	CT
P20	Green roof areas removed - PLANNING ISSUE	21.04.23	CT
P21	Roof 1 Column 31 at GL B/06 removed, Roof 1 overhang from GL 01 reduced, Roof 2 Column 1 at GL K/08 moved 600mm	28.04.23	CT
P22	Column sizes updated as SE details	09.05.23	CT
P23	Roof 1 number of proposed canopy columns reduced	20.06.23	CT
P24	Non slip walkways added	23.08.23	CT
P25	Roof 2 amended between grid line 12 - 15	21.02.24	JG
P26	Area Schedule amended to suit new proposal	29.02.24	JG
P27	Roof Plan Updated / Areas amended	18.03.24	JG
P28	Revision clouds to column location removed	02.04.24	OK
P29	Key notation updated	11.04.24	JG
P30	Gutter location amended to canopy 1, column updated, gridline moved	17.04.24	OK

