

ROOF AREAS:		
CANOPY ROOF 1:		
Roof 1 Area= 329.273 sqm	Single Ply Membrane Roof	
Roof 2 Area= 382.677 sqm	Translucent Panel Roof	
Roof 3 Area= 497.199 sqm	Single Ply Membrane Roof	
Roof 4 Area= 407.939 sqm	Translucent Panel Roof	
Roof 5 Area= 547.657 sqm	Single Ply Membrane Roof	
Roof 6 Area= 369.644 sqm	Translucent Panel Roof	
Roof 7 Area= 706.077 sqm	Single Ply Membrane Roof	
Roof 8 Area= 335.240 sqm	Translucent Panel Roof	
Roof 9 Area= 451.377 sqm	Single Ply Membrane Roof	
Canopy 1 Total Single Ply Membrane Roof Area= 2531.583 sqm		
Canopy 1 Total Translucent Panel Roof Area= 1495.5 sqm		
Canopy 1 Total Area= 4027.083 sqm		
CANOPY ROOF 2:		
Roof 1 Area= 347.816 sqm	Single Ply Membrane Roof	
Roof 2 Area= 217.749 sqm	Translucent Panel Roof	
Roof 3 Area= 153.429 sqm	Single Ply Membrane Roof	
Roof 4 Area= 162.700 sqm	Translucent Panel Roof	
Roof 6 Area= 280.302 sqm	Single Ply Membrane Roof	
Roof 7 Area= 236.252 sqm	Translucent Panel Roof	
Roof 8 Area= 207.513 sqm	Single Ply Membrane Roof	
Roof 9 Area= 159.454 sqm	Translucent Panel Roof	
Roof 10 Area= 111.710 sqm	Single Ply Membrane Roof	
Roof 11 Area= 123.376 sqm	Translucent Panel Roof	
Roof 12 Area= 307.627 sqm	Single Ply Membrane Roof	
Roof 13 Area= 168.166 sqm	Translucent Panel Roof	
Canopy 2 Total Translucent Panel Roof Area= 1067.697 sqm		
Canopy 2 Total Single Ply Membrane Roof Area= 1,408.397 sqm		
Canopy 2 Total Area= 2476.094 sqm		

ROOF TYPES:	
	TRANSLUCENT POLYCARBONATE PANEL ROOF
	SINGLE PLY MEMBRANE ROOF

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.

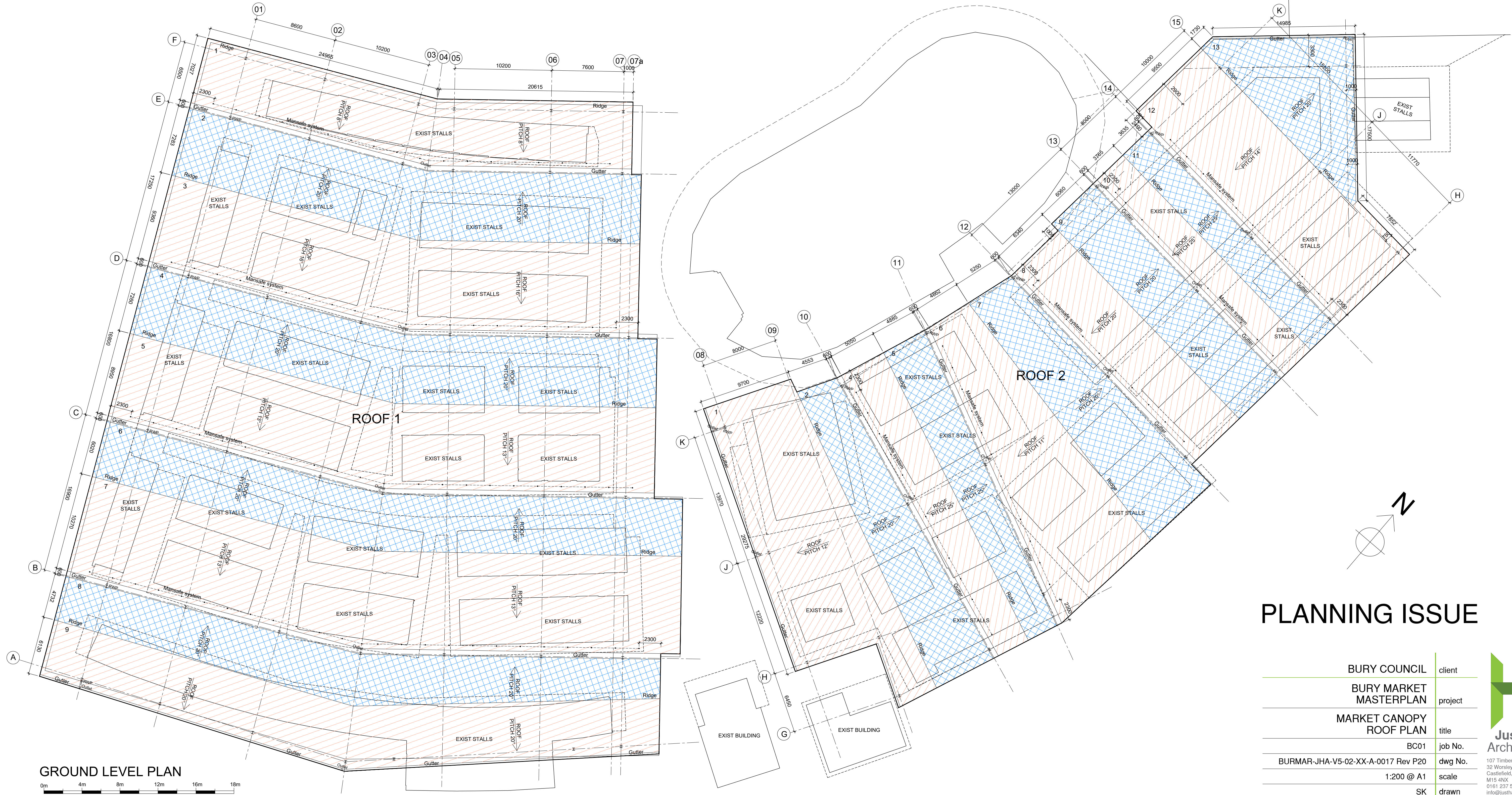
1no. Fullflow aluminium downpipe, or similar approved, at one end of each gutter run, designed and installed in accordance with manufacturers details and specifications.

ROOF ACCESS & PROTECTION:
Access onto roof canopy 1 & 2 is to be via cherry picker or MEWP (mobile elevating work platform) positioned on the surrounding road or hard-standing landscaped areas.

A man-safe system is to be provided along each valley gutter line in the form of MSA Latchways Mansafe Constant Force Horizontal Lifeline system for Samafil roofing membrane, or similar approved. Constant force posts top fixed to roof structural using four toggle bolts per post. Latchways ManSafe horizontal 7x7 316S Stainless steel cable to be fitted between posts. System to be located minimum 2.3m from the roof edge to provide safe access on roof for 2 users for maintenance and cleaning. The anchorage points must limit the load to a constant force of 10 kN in the event of a fall and absorb the energy integrally. The entire system must be CE marked and be in accordance with Class D Fall Protection systems under BS EN 795. Installation to be carried out by trained and approved contractors.

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			
P07	Rainwater calculations updated as Alumasc details and RWP numbers and positions altered to suit.	22.08.22	CT
P08	Grid line references amended as SE details, rooflight sizes amended to suit SE purlins at 1500mm centres	21.09.22	CT
P09	Canopy design amended	02.11.22	CT
P10	Roof types and areas added	09.11.22	CT
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 Kalfwall comments, Roof 1 Grid lines C & D altered to suit retained existing canopy and opening	10.01.23	CT
P15	Dimensions updated to suit chages	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



PLANNING ISSUE

BURY COUNCIL	client
BURY MARKET MASTERPLAN	project
MARKET CANOPY ROOF PLAN	title
BC01	job No.
BURMAR-JHA-V5-02-XX-A-0017 Rev P20	dwg No.
1:200 @ A1	scale
SK	drawn

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