

RAINWATER GOODS:
Rainwater Goods Capacity: To comply with AD H3 Rainwater & Drainage Section 1. Gutters to pitched roof to be 100mm Ø half round black aluminium gutters with 80mm Ø black aluminium downpipes as to manufacturers recommendations and details.

DRAINAGE:
The calculations for drainage are based on the Building Regulations Approved Document H which states a rainfall intensity for the Manchester area of 0.018 litres/sec per m².

CALCULATIONS:

ROOF A -
Retained existing tiled pitched roof

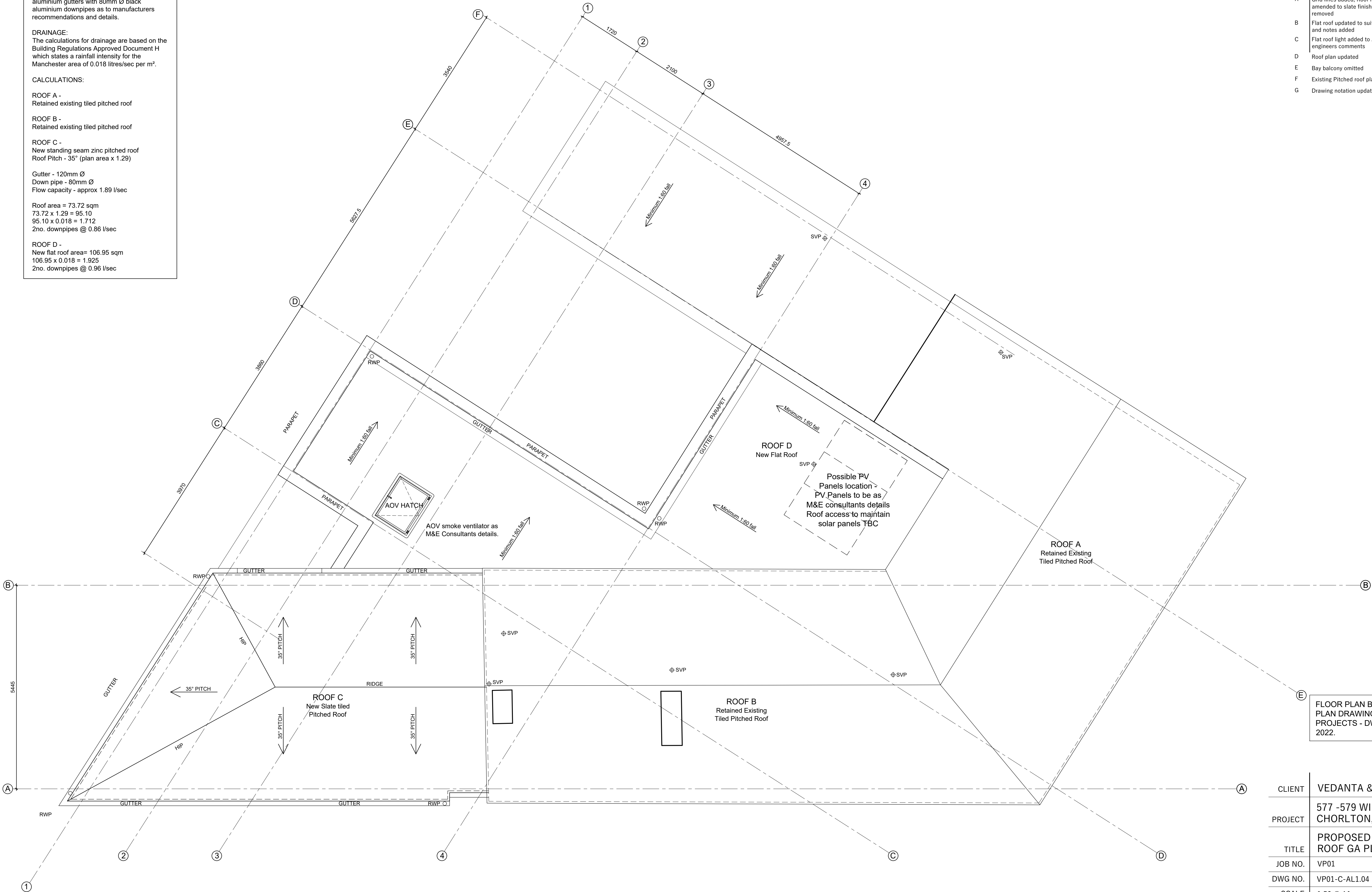
ROOF B -
Retained existing tiled pitched roof

ROOF C -
New standing seam zinc pitched roof
Roof Pitch - 35° (plan area x 1.29)

Gutter - 120mm Ø
Down pipe - 80mm Ø
Flow capacity - approx 1.89 l/sec

Roof area = 73.72 sqm
73.72 x 1.29 = 95.10
95.10 x 0.018 = 1.712
2no. downpipes @ 0.86 l/sec

ROOF D -
New flat roof area= 106.95 sqm
106.95 x 0.018 = 1.925
2no. downpipes @ 0.96 l/sec



NB	Do not scale off this drawing. All dimensions to be checked on site prior to manufacture and construction. This drawing is the property of JH. 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			
-	FIRST ISSUE	01.12.23	CT
A	Grid lines added, Roof hatch/AOV added to stairwell, Roof C amended to slate finish height raised and front dormers removed	08.01.24	CT
B	Flat roof updated to suit sections, PV panel location added and notes added	12.01.24	CT
C	Flat roof light added to Apartment 4 Bedroom 2 as M&E engineers comments	31.01.24	CT
D	Roof plan updated	29.04.24	JG
E	Bay balcony omitted	02.05.24	JG
F	Existing Pitched roof plan update	08.05.24	JG
G	Drawing notation updated	30.05.24	JG

FLOOR PLAN BASED ON EXISTING ATTIC FLOOR
PLAN DRAWING BY SURVEY & ENGINEERING
PROJECTS - DWG REF: S23538-AT DATED JUNE
2022.

CLIENT	VEDANTA & PARTNERS
PROJECT	577 -579 WILBRAHAM ROAD CHORLTON, M21 9AH
TITLE	PROPOSED ROOF GA PLAN
JOB NO.	VP01
DWG NO.	VP01-C-AL1.04
SCALE	1:50 @ A1
DRAWN	CT

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