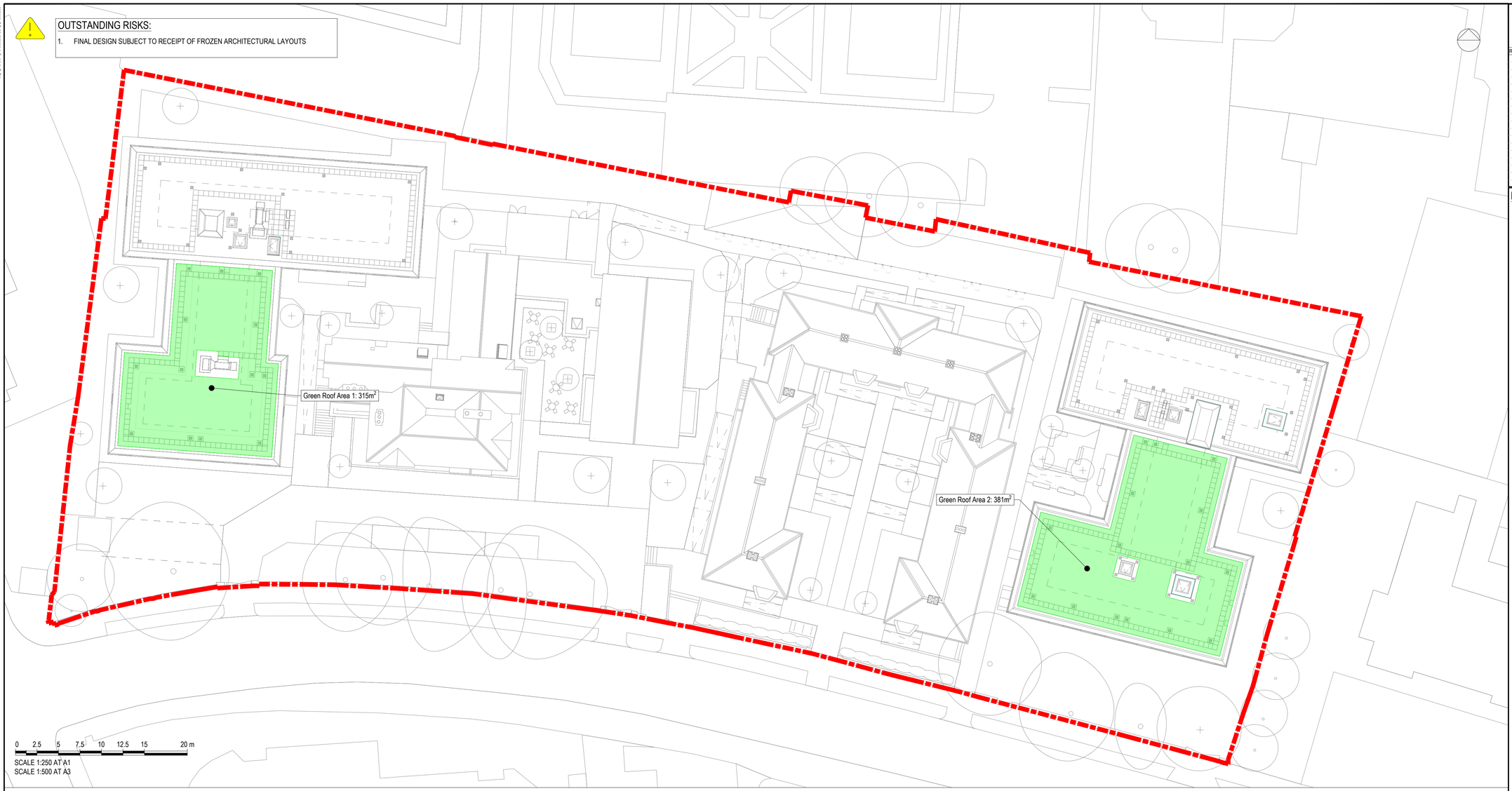
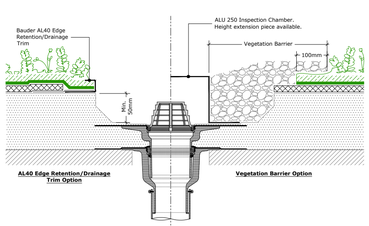
ISO A1 841mm x 594mm

OUTSTANDING RISKS:

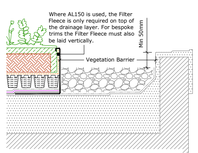
1. FINAL DESIGN SUBJECT TO RECEIPT OF FROZEN ARCHITECTURAL LAYOUTS



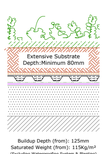
SCALE 1:250 AT A1
SCALE 1:500 AT A3



Bauder Outlet - Compact
(Drg.No: D0901-00W_1-2Deg_006-Ext-XF301-SM_001)



Perimeter Kerb
(Drg.No: D0901/03-00W_0-4Deg_002-ExtInt-S-DB_001)



Buildup Depth (from): 125mm
Saturated Weight (from): 115Kg/m²
(Excluding Waterproofing System & Planting)

Key

(Vegetation type is indicative only. Refer to the specification for the correct vegetation to be Used.)

Extensive / Biodiverse Substrate

DES40 Drainage Board (Refer to the specification for the correct board to be used)

Bauder Filter Fleece

Bauder Protection Mat

Bauder PE Foil - Not required on Single Ply Systems

Additional Bauder Capping Sheet / Membrane to secure the metal trim (Refer to the Specification for the correct option)

Bauder Waterproofing System. (Refer to the specification for waterproofing details drawings for further information.)

Deck / Substrate

Vegetation barrier
Minimum 80mm deep & 300mm wide. Width must be increased to at least between 600mm-1000mm around the following rooflights, windows or door openings. In accordance with both grv green and fR roof codes.

AL150 Edge / Drainage trim. Secured in place by separate pieces of torch applied Bauder Plant-E Root Barrier.
For vegetation/substrate build-up depths greater than 150mm, a bespoke perforated edge/drainage trim is required.

IMPORTANT NOTE
This drawing shows alternative details. For the correct solution to be used, refer to the project specific specification.

BLUE ROOF DESIGN CONSIDERATIONS:
GREEN ROOFS HAVE BEEN PROPOSED AS A FORM OF SUDs FOR THE SCHEME. THE EXISTING BUILDINGS HAVE PITCHED ROOFS SO THERE IS NO OPPORTUNITY TO RETRO FIT TO THE EXISTING BUILDINGS.

THE PROPOSAL OF C. 715m² OF GREEN ROOF ACROSS THE SCHEME WILL REDUCE THE VOLUME OF SURFACE WATER RUNOFF AS WELL AS OFFERING CONSIDERABLE ECOLOGICAL AND WATER TREATMENT BENEFITS.

AS THERE IS MINIMAL GREEN SPACE AT GROUND LEVEL THE USE OF GREEN ROOFS WHERE POSSIBLE AT HIGH LEVEL IS THE ONLY FEASIBLE METHOD OF REDUCING RUN OFF FROM THE DEVELOPMENT.

REGULAR INSPECTIONS OF THE GREEN ROOFS WILL NEED TO TAKE PLACE IN LINE WITH THE SUPPLIERS RECOMMENDATIONS. INSPECTIONS SHOULD TAKE PLACE TO ENSURE ALL COMPONENTS ARE FREE FROM BLOCKAGES SUCH AS LEAVES AND SOIL. VEGETATION SHOULD BE MANAGED AND MONITORED. REMEDIAL ACTION SHOULD BE CARRIED OUT IF DAMAGE TO THE DRAINAGE SYSTEM IS OBSERVED.

PLANNING ISSUE

REV	DESCRIPTION	BY	DATE
P01	STAGE 3 ISSUE FOR INFORMATION	JD	30.01.24

NOTES:

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. THIS DRAWING IS FOR STAGE 3 INFORMATION ONLY.
4. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND CONSULTANTS DRAWINGS AND SPECIFICATIONS.
5. THIS DRAWING IS BASED ON:
   - SIMPSON HAUGH ARCHITECTURAL DRAWING - 10349-SHP-Z0-A-G100-PL-RF-001 PROPOSED ROOF PLAN REV P10 RECEIVED 17.11.23

KEY:

SITE BOUNDARY
PROPOSED GREEN ROOF

CDM RESIDUAL CIVIL / STRUCTURAL DESIGN RISKS

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MANCHESTER
M14 5RP

CLIENT
MCLAREN

TITLE
PROPOSED ROOF DRAINAGE PLAN

DISCIPLINE			SCALE
CIVIL			1:250
DRAWN	DESIGNED	CHECKED	APPROVED
JD	JD	GB	GB
DRAWING No			ISSUE
2998-MHT-XX-XX-DR-C-00130			P01

DATE: 31/01/2024
FILE LOCATION: H:\PROJECTS\2998 - ST GABRIELS\1. MHT\CIVIL\DRAWINGS\DRAWINGS\2998-MHT-ZO-00-DR-C-00130.DWG

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