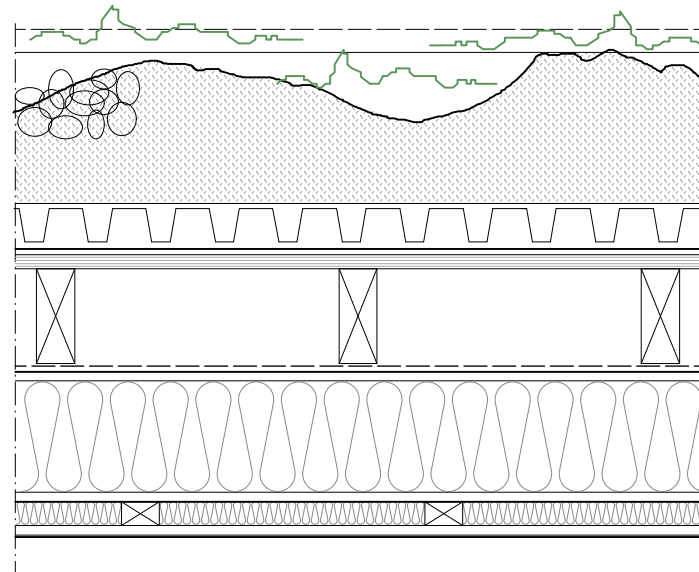


3no. mixed substrates in varied depths between 120-200mm across roof area including:
 1. Bauder Biodiverse substrate
 2. 40-120mm diam cobbles mixed with Biodiverse substrate
 3. Fine gravel/sandy substrate
 Planted with Bauder Flora 3 Seed Mix, (plus other varieties suitable for gravel & cobble substrates)



SECTION

ROOF (GROUND FLOOR)

U-value 0.15 +

extensive biodiverse green roof for varied planting to support a natural habitat

120 - 200mm growing medium & planting including edge trim with 300 wide pebble vegetation barrier

Bauder DES40 drainage layer incl. filter & protection mat
 Bauder waterproof membrane

19 plywood decking

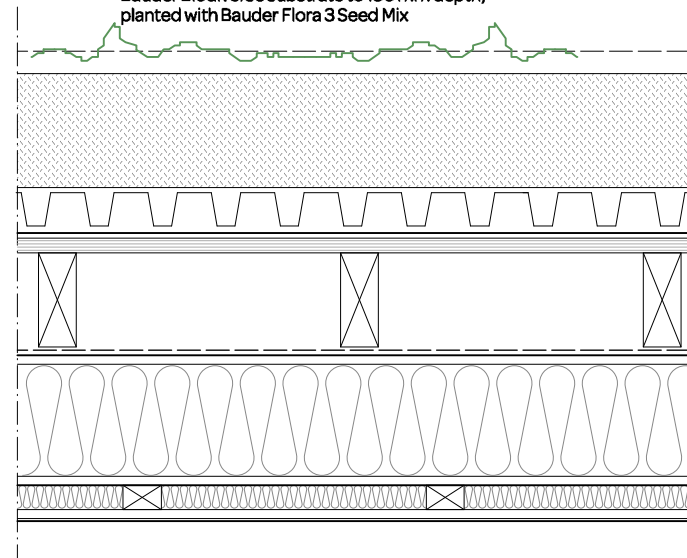
treated sw furring pieces to give 1 in 60 fall (max 125 high)
 breather membrane

172 SIPs panel

32 x 50 sw battens to form services void, with Rockwool insulation

12.5 plasterboard & skim

Bauder Biodiverse substrate to 150 mm depth, planted with Bauder Flora 3 Seed Mix



SECTION

ROOF (FIRST FLOOR)

U-value 0.15 +

extensive green roof for low maintenance planting incorporating solar panels at 15° mounted using Bauder BioSolar system

150mm growing medium & planting including edge trim with 300 wide pebble vegetation barrier

Bauder DES40 drainage layer incl. filter & protection mat
 Bauder waterproof membrane

19 plywood decking

treated sw furring pieces to give 1 in 60 fall (max 125 high)
 breather membrane

172 SIPs panel

32 x 50 sw battens to form services void, with Rockwool insulation

12.5 plasterboard & skim

notes:

General notes:

1. Do not scale drawings. Dimensions govern.
2. All dimensions are in millimeters unless noted otherwise.
3. All dimensions shall be verified on site before proceeding with the work.
4. Square Feet Architects shall be notified in writing of any discrepancies.

Party Wall Act 1996:

Note: If the project progresses onto site without the involvement of Square Feet Architects the Client must seek advice prior to commencement of the planned works as detailed on the drawings to establish whether the works fall within the scope of the Act which required adjoining property owners to be served with a statutory notice.

C.D.M. Regulations 2015:

These drawings have been produced for the purpose of applying for Planning and Building Regulations only. If the project progresses on to site without the involvement of Square Feet Architects, the client and contractor must ensure that they fulfil the duties in respect of the construction (Design and Management) Regulations 1994. If advice is required please do not hesitate to contact Square Feet Architects.

revision:



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drawing title:

Green roofs details

client:
Amirilan Contractors Ltd

project:
Rear of 29/33 Arkwright Rd, NW3 6BJ

date: Sept 2020
 scale: 1:10@A3

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 revision: *