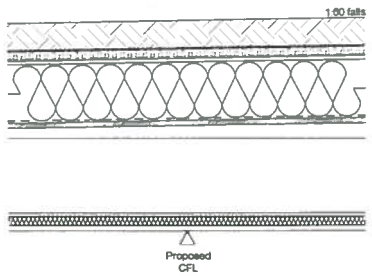
Notes

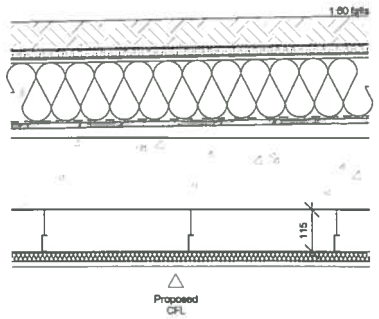
Roof Type R-01- New Living Roof
- to achieve min. 0.13W/m²K

Q37/130 80-150mm extensive substrate with sedum planting by Bauder
Q37/780 Bauder Filter Fleece
Q37/770 Drainage Layer Bauder DSE40
Q37/750 Bauder Eco-Mat 6mm thick protection fleece
Q37/745 Bauder PE Foil Slip Layer (loose laied) rolled out in single layer
J41/110 5mm Bauder PlantE toplayer
J41/110 3mm BauderTEC KSA underlayer
J41/110 160mm Bauder PIR FA-TE flat board insulation
J41/110 BauderTEC KSD Mica VCL
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
Metsec Joists, depth to Metsec S. Engineer detail
35mm void with 25mm Isover Acoustic Partition Roll above ceiling
15mm Gyproc Wallboard



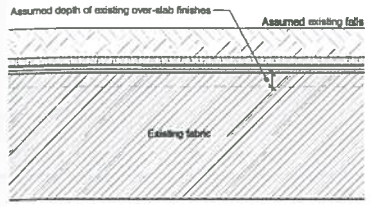
Roof Type R-02- New Living Roof
- to achieve min. 0.13W/m²K

Q37/130 80-150mm extensive substrate with sedum planting by Bauder
Q37/780 Bauder Filter Fleece
Q37/770 Drainage Layer Bauder DSE40
Q37/750 Bauder Eco-Mat 6mm thick protection fleece
Q37/745 Bauder PE Foil Slip Layer (loose laied) rolled out in single layer
J41/110 5mm Bauder PlantE toplayer
J41/110 3mm BauderTEC KSA underlayer
J41/110 160mm Bauder PIR FA-TE flat board insulation
J41/110 BauderTEC KSD Mica VCL
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
RC slab, depth varies, subject to S Endineer detail
Gypgrame or similar suspended ceiling channels
25mm Isover Acoustic Partition Roll above ceiling
15mm Gyproc Wallboard



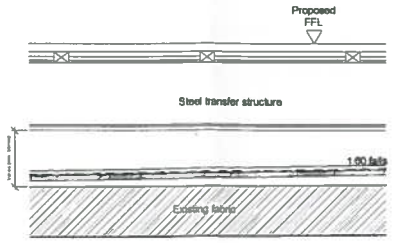
Roof Type R-03- Living Roof to Existing roof

Q37/130 80-150mm extensive substrate with sedum planting by Bauder
Q37/780 Bauder Filter Fleece
Q37/770 Drainage Layer Bauder DSE40
Q37/750 Bauder Eco-Mat 6mm thick protection fleece
Q37/745 Bauder PE Foil Slip Layer (loose laied) rolled out in single layer
J41/110 5mm Bauder PlantE toplayer
J41/110 3mm BauderTEC KSA underlayer
J41/110 BauderTEC KSD Mica VCL
2no. layers of Bauder felt roofing membrane
Existing roof build-up with existing falls



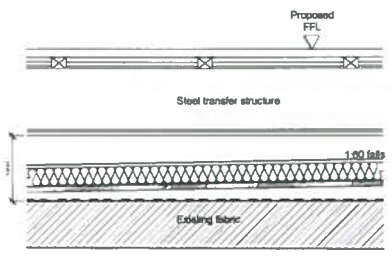
Roof Type R-04- Terraces/Walkways, over existing finishes

Optima-Dek composite decking
Proprietary Optima Substrate Battens
Galvanised light gauge steel to S Eng specification (between steel transfer structure)
Void below terrace/walkway (varies)
J41/110 2no. layers of Bauder felt roofing membrane
Vapour control layer
15mm ply sheathing
SW furrings to generate overall 1:60 fall, min. 15mm
Existing roof build-up



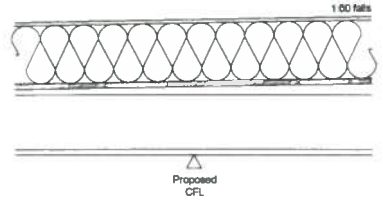
Roof Type R-05- Terraces/Walkways, existing finishes removed

Optima-Dek composite decking
Proprietary Optima Substrate Battens
Galvanised light gauge steel to S Eng specification
Void below terrace/walkway (varies)
J41/110 2no. layers of Bauder felt roofing membrane
J41/110 50mm rigid PIR insulation
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
Vapour control layer over existing RC roof slab
Existing roof build-up, removing existing finishes



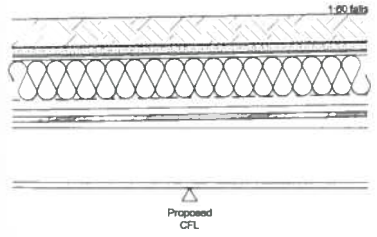
Roof Type R-06- Refuse Store Roof
- to achieve min. 0.13W/m²K

J41/110 2no. layers of Bauder felt roofing membrane
J41/110 160mm Bauder PIR FA-TE flat board insulation
Vapour control layer
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
50x150mm SW rafters at 600mm centres, to S Eng design
15mm Gyproc Wallboard



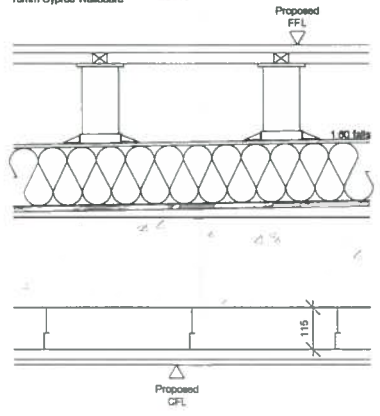
Roof Type R-07 - Living Roof to Cycle Store
- to achieve min. 0.13W/m²K

Q37/130 80-150mm extensive substrate with sedum planting by Bauder
Q37/780 Bauder Filter Fleece
Q37/770 Drainage Layer Bauder DSE40
Q37/750 Bauder Eco-Mat 6mm thick protection fleece
Q37/745 Bauder PE Foil Slip Layer (loose laied) rolled out in single layer
J41/110 5mm Bauder PlantE toplayer
J41/110 3mm BauderTEC KSA underlayer
J41/110 160mm Bauder PIR FA-TE flat board insulation
J41/110 BauderTEC KSD Mica VCL
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
50x150mm SW rafters at 600mm centres
15mm Gyproc Wallboard



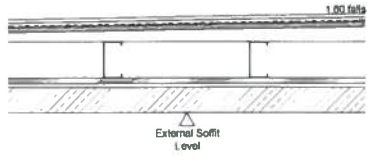
Roof Type R-08 - Roof to 7th Floor, Richbell

Optima-Dek composite decking
Proprietary Optima Substrate Battens
Bauder Pedestal Support System
J41/110 2no. layers of Bauder felt roofing membrane
160mm Rigid PIR Insulation
5mm vapour control layer
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
RC slab, depth varies, subject to S Endineer detail
Gypgrame or similar suspended ceiling channels
15mm Gyproc Wallboard



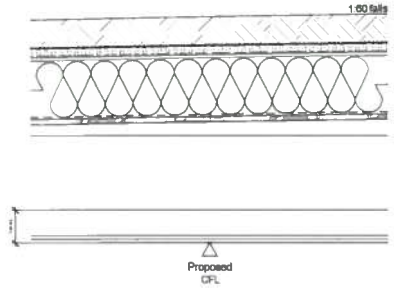
Roof Type R-09 - Canopy over Balcony

2no. layers of Bauder felt roofing membrane
5mm vapour control layer
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
Metsec joists to S Engineer design
15mm ply sheathing
GRC panel to soffit - fixing by specialist design



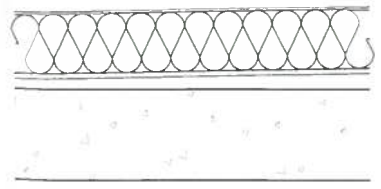
Roof Type R-10- New Living Roof over staircore landing
- to achieve min. 0.13W/m²K

Q37/130 80-150mm extensive substrate with sedum planting by Bauder
Q37/780 Bauder Filter Fleece
Q37/770 Drainage Layer Bauder DSE40
Q37/750 Bauder Eco-Mat 6mm thick protection fleece
Q37/745 Bauder PE Foil Slip Layer (loose laied) rolled out in single layer
J41/110 5mm Bauder PlantE toplayer
J41/110 3mm BauderTEC KSA underlayer
J41/110 160mm Bauder PIR FA-TE flat board insulation
J41/110 BauderTEC KSD Mica VCL
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
Metsec Joists, depth to Metsec S. Engineer detail
Ceiling void,
Cementitious soffit board Knauf Aqualine



Roof Type R-11- Roof to Electrical Switchroom, Richbell
- to achieve min. 0.13W/m²K

J41/110 2no. layers of Bauder felt roofing membrane
J41/110 160mm Bauder PIR FA-TE flat board insulation
5mm vapour control layer
15mm ply sheathing
SW furrings 1:60 fall, min. 15mm
RC slab, depth varies, subject to S Endineer detail
Gypgrame or similar suspended ceiling channels



Revision	Date	Drawn by	Checked	Description
D	11.02.16	SJ	AM	Roof type R-08 amended
C	12.01.16	SJ/AA	AM	CONSTRUCTION ISSUE (Package 4) Drawing amended to clients comments
B	22.01.16	SJ	AM	Drawing amended to Principal Contractor comments
A	14.01.16	SJ/AA	AM	CONSTRUCTION ISSUE (Package 4)

Scale	Size	Date First Issue
1:10	A1	27/11/15
Drawn by	**Checked by**	
SJ	AM	

Project
Tybald's Estate

Drawing
ROOF TYPE DETAILS

Drawing number 12026-T-XX-DE-27-001
Revision D

Status
CONSTRUCTION

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