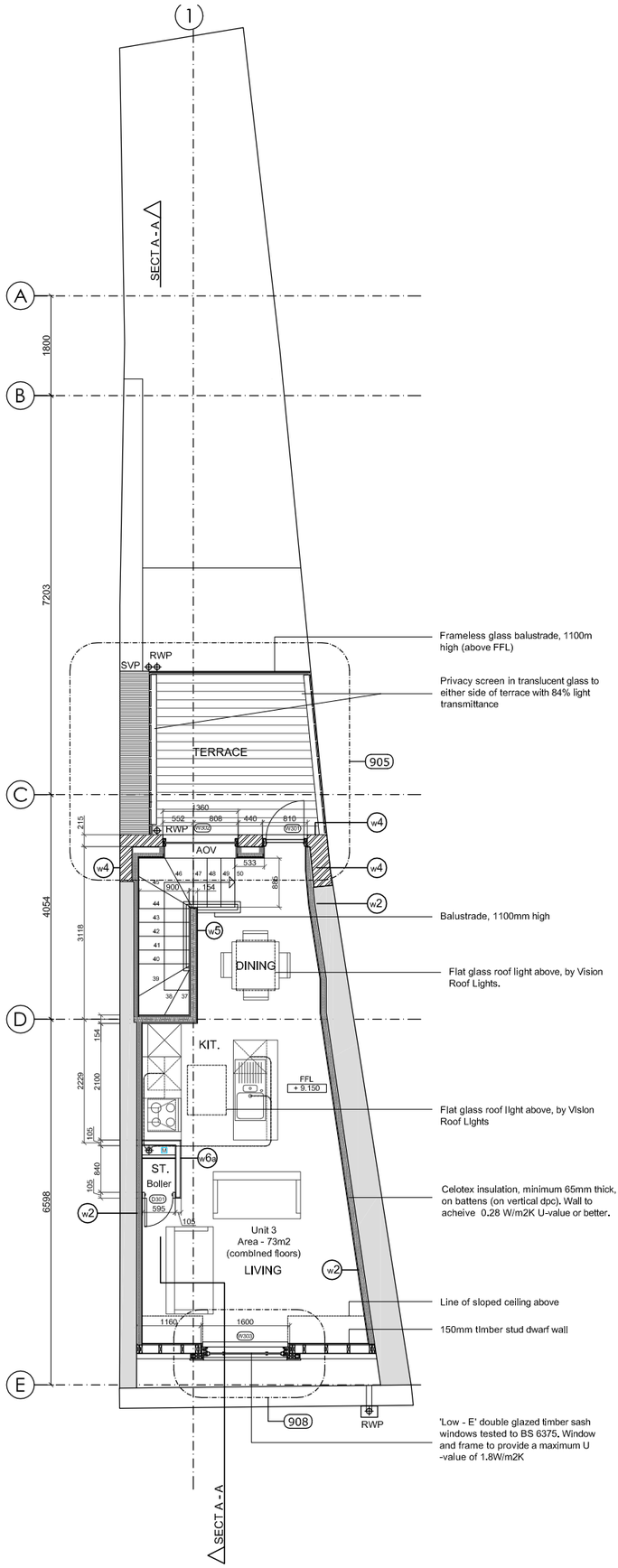
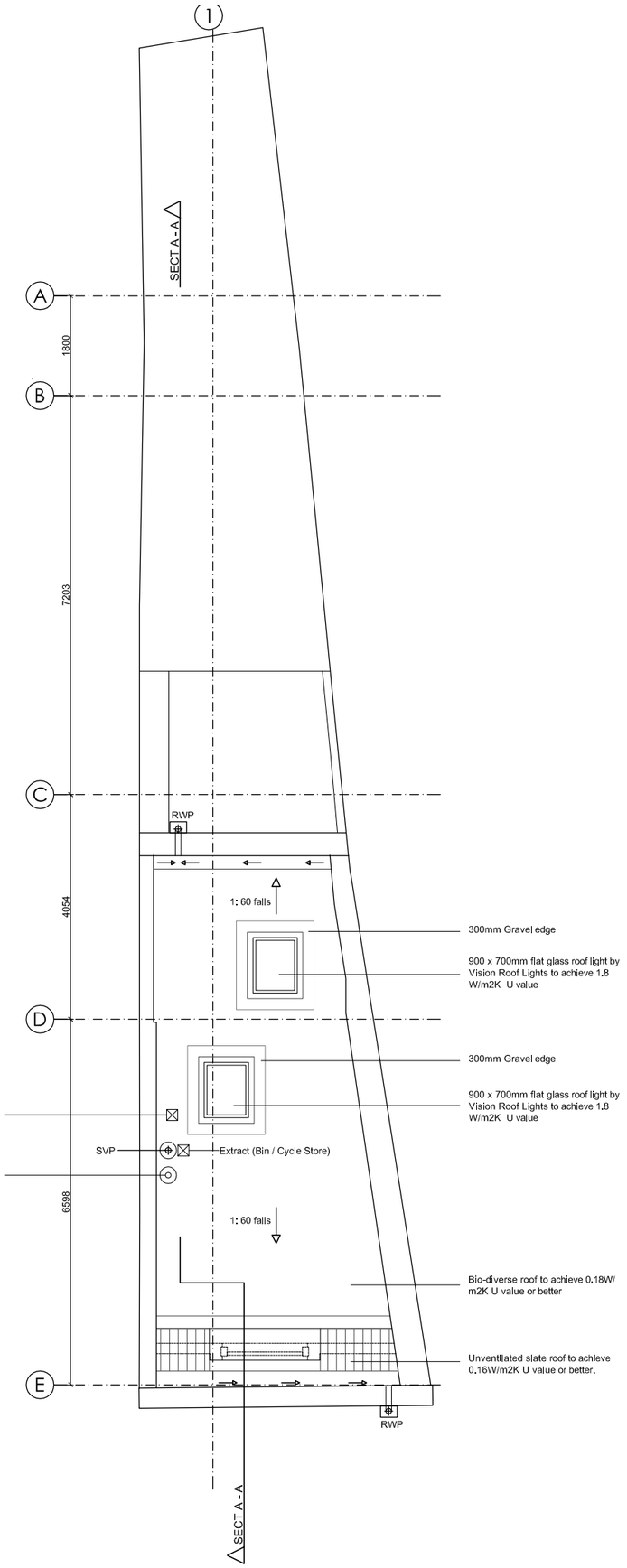


Third Floor



Roof

North

Notes:

1. Copyright of this drawing remains the sole property of Bellis Cooley Architects unless otherwise assigned in writing.

2. Do not scale from this drawing, figured dimensions are to be worked in all cases with any discrepancies reported to the Architect prior to commencement of any work.

3. Setting-out is based on outline survey only. All dimensions to be checked on site prior to construction/ordering.

0 2 4 6 m

EXISTING WALL ENHANCEMENT

WALL TYPE w1:
Sika-1 Structural Waterproofing System, nominal 20mm thick, installed to manufacturer's guidelines and recommendations. To be installed by approved installer

Location:- All existing basement walls

WALL TYPE w2:
Existing masonry wall with Sika-1 Structural Waterproofing (as per wall type w1), plus Celotex PL 4000 insulation, 65mm thick, bonded to 12.5mm tapered edge insulation. To be fixed on battens (min. 25mm), with vertical dpc to isolate battens from wall.

Performance: - 0.30W/m2K U - value or better
Location: - Unit 1 living area, existing external walls

WALL TYPE w3:
Independent metal stud partition to party walls consisting of min. 50mm metal stud with 2 layers 12.5mm soundboard, 50mm mineral wool insulation between studs & 15mm air gap between existing wall and stud partition.

Performance: - min. Rw 43 dB sound reduction
Location: - Party walls up to 3400mm between floors

WALL TYPE w3a:
As w3, with 90mm metal studs against deflection

Location: - Party walls up to 6000mm between floors

NEWLY CONSTRUCTED WALLS

WALL TYPE w4:
215mm solid brickwork with wet plaster internally, plus Celotex PL4000 Insulation, 65mm thick, bonded to a layer of 12.5mm tapered edge plasterboard. To be fixed on battens (min 25mm) on vertical dpc. Additional layer 12.5mm plasterboard internally

Performance: - 0.28 W/m2K U - value or better & min. Rw 43 dB sound reduction
Location: - Party walls

INTERNAL PARTITIONS

WALL TYPE w5:
Metal stud partition, 154mm thick, consisting of 90mm studs with 2 layers 15mm SoundBloc each side. 3x25mm Isover APR 1200 or similar within the cavity.

Performance: - Rw 43 dB sound reduction.
Fire rating: - min. 60 minutes

WALL TYPE w6:
Metal stud partition 105mm thick, consisting of 70mm studs, with 1 layer 15mm SoundBloc each side. 25mm Isover APR 1200 or similar within cavity.

Fire rating: - min. 30 minutes

WALL TYPE w6a:
As w6, without Insulation

WALL TYPE w6b:
As w6a, with additional (under) layer 15mm plywood either side, for improved strength and durability. Wall to be 135mm thick.

Location: - Bin and cycle store partitions

WALL TYPE w7:
Metal stud partition, nominal 120mm thick, consisting of 70mm metal stud with 1 layer 15mm MoistureShield either side. Additional (under) layer 15mm plywood to all tiled wall areas for additional strength. 3x25mm Isover APR 1200 or similar within the cavity.

Wall thickness to be 135mm thick where walls are tiled both sides.

Location: - All wet areas, including bathrooms and WC's.
Fire rating: - min. 30 minutes

REV	DESCRIPTION	BY	DATE
F	External walls and notes revised	IE	23.11.12
E	Balconies and notes revised	IE	06.11.12
D	Levels and stairs revised	IE	04.09.12
C	General amendments	IE	04.08.12
B	Building Control Issue	IE	13.07.12
A	Stairs revised	IE	06.06.12

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CONTRACT

Redevelopment of

133 Kings Cross Road WC1X 9BJ

DRAWING TITLE

Plans

DRAWN BY	DATE	CHECKED
AT	Feb 2012	RC
SCALE	SIZE	STATUS
1:50@A1, 1:100@A3	A1 or A3	Construction

DRAWING No: 0548 - 103 REV: F