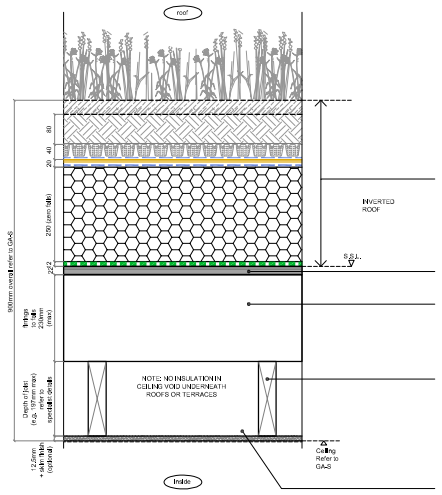
ACCREDITED DETAIL	-
ROBUST DETAIL	-



Inverted roof with proprietary green roof system :

- Example build-up: Bauder, 80mm growing medium plug-planted (plant varieties tbc); SDF drainage mat; geotextile membrane; Bauder U-max; non compressible insulation (with gwp less than 5); Bauder AP2 protection sheet; Bakor 790-11; Bauder polyester reinforcement; Bakor 790-11; Bauder polymer primer

22mm ply decking to SE/Specialist details

Nominal 47x230mm to 45mm tanalised treated SW cross firrings to create nominal 1:40 design falls: Length 7330mm, Fall: nominal 230mm to 45mm (See GA-P plans for locations)

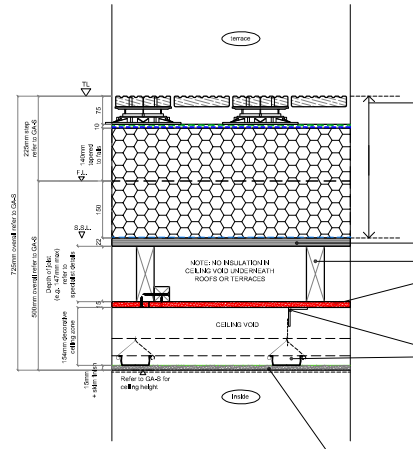
Nom 47x197mm TR26 Timber Joist to Specialist/SE Details

Ceiling lined with single layer 12.5mm Fireline plasterboard with skim finish

NOTES:
1. TARGET U-VALUE: 0.10 W/m²K
2. (Ref: 1/113E3FD5 DATED 14.03.14) U-VALUE OF 0.13 ACHIEVED USING 200mm KINGSPAN "Styrozone H350 R" INSULATION.
3. ALTERNATIVE U-VALUES:
- (Ref: 1_B130983 Dated 15.08.14) U-VALUE OF 0.10 ACHIEVED USING 300mm BAUDER "JFRI (300)" INSULATION.
- (Ref: 1R118F4D63 DATED 15.08.14) U-VALUE OF 0.10 ACHIEVED USING 280mm KINGSPAN "Styrozone H350 R" INSULATION.
- (Ref: T260214-RG JDP005 (WARM ROOF) DATED 13.03.14) U-VALUE OF 0.11 ACHIEVED USING 200mm CELOTEX "EL3000" INSULATION.
4. BASED ON "GREEN GUIDE TO SPECIFICATION" REFERENCE ELEMENT NUMBER: 812530002

BLOCK B2 DETAIL - D-TY-WT-RT1 - Green Roof (Inverted Roof)

ACCREDITED DETAIL	-
ROBUST DETAIL	-



Single ply warm roof laid to falls with proprietary terrace timber decking :

Example build-up:

- Timber decking: Proprietary engineered treated timber decking on treated timber battens (NBS Q55/380A and 380B) and/or on proprietary adjustable stool support with adjustable peg fitting and slope connectors to suit.
- Proprietary single ply warm roof: Bauder, K5K mineral capping sheet Bauder KSA-Duo Underlayer over nominal 150mm high performance tapered PIR non compressible insulation (with gwp less than 5) to create nominal 1:40 design falls, mechanically fixed back to substrate over Bauder VA4 vapour barrier.

22mm ply decking to SE/Specialist details.

Proprietary structural floor joists to SE/Specialist details (eg 47x147mm TR26 Timber Joist)

Ceiling lined with single layer 15mm Fireline plasterboard (eg British Gypsum Glasroc F Firecase board screw fixed to u/s of joists (58mm screws at 150mm centres, 38x38mm noggins required between joists and at perimeters to support board edges) system reference G106025) to provide nominal 60mins fire resistance to structure (in accordance with BWC Fire Strategy V3 dated 14.10.14), with tape and joint finish and intumescent mastic seal to all perimeters.

Metal Frame suspended ceiling grid (British Gypsum CasoLine MF Ceiling System) consisting metal ceiling sections (eg Gypframe MF5) supported by primary support channels (eg Gypframe Ref: MF7) supported via metal frame/strap hangers (e.g. Gypframe Ref: MF8) and fixed to soffit with proprietary soffit cleats (e.g. Gypframe ref: MF12) with perimeter channels (eg Gypframe Ref: MF6) and fixings as standard

Ceiling lined with single layer 12.5mm plasterboard taped and joined with skim finish. Plasterboard to kitchens and bathrooms to be moisture resisting

NOTES:
1. TARGET U-VALUE: 0.20 W/m²K
2. BASED ON "GREEN GUIDE TO SPECIFICATION" REFERENCE ELEMENT NUMBER: 1212540006

BLOCK B2 DETAIL - D-TY-WT-RT2 - Terrace (Warm Roof)

NOT USED

NOT USED

Rydon

ALAN CAMP ARCHITECTS

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tel: 020 7593 1000, fax 020 7593 1001, mail@alancamp.com

job	drawn:	date:
BACTON LOW RISE LONDON NW5	DWW	06.16
drawing TYPICAL BLOCK B2 DETAILS ROOF TYPES SHEET 1	scale: 1 :10 @ A1 1 : 20 @ A3	job no: 1952
notes: all dimensions to be checked on site prior to commencement of the work. if this drawing exceeds the quantities in any contract, the architect is to be informed before the work is commenced. for all other purposes other than planning application purposes do not scale, use dimensions, this drawing is part of .	drawing no. D-TY-WT-RT1 to RT4	rev. as below

CONSTRUCTION

revisions

rev.	date	description	Issued by	checked by
C1	03.06.16	First issue for CONSTRUCTION	DWW	RR

NOTE: TO BE READ IN CONJUNCTION WITH ACA WALL TYPE KEY PLAN. PLEASE REFER TO ACA GA-P's