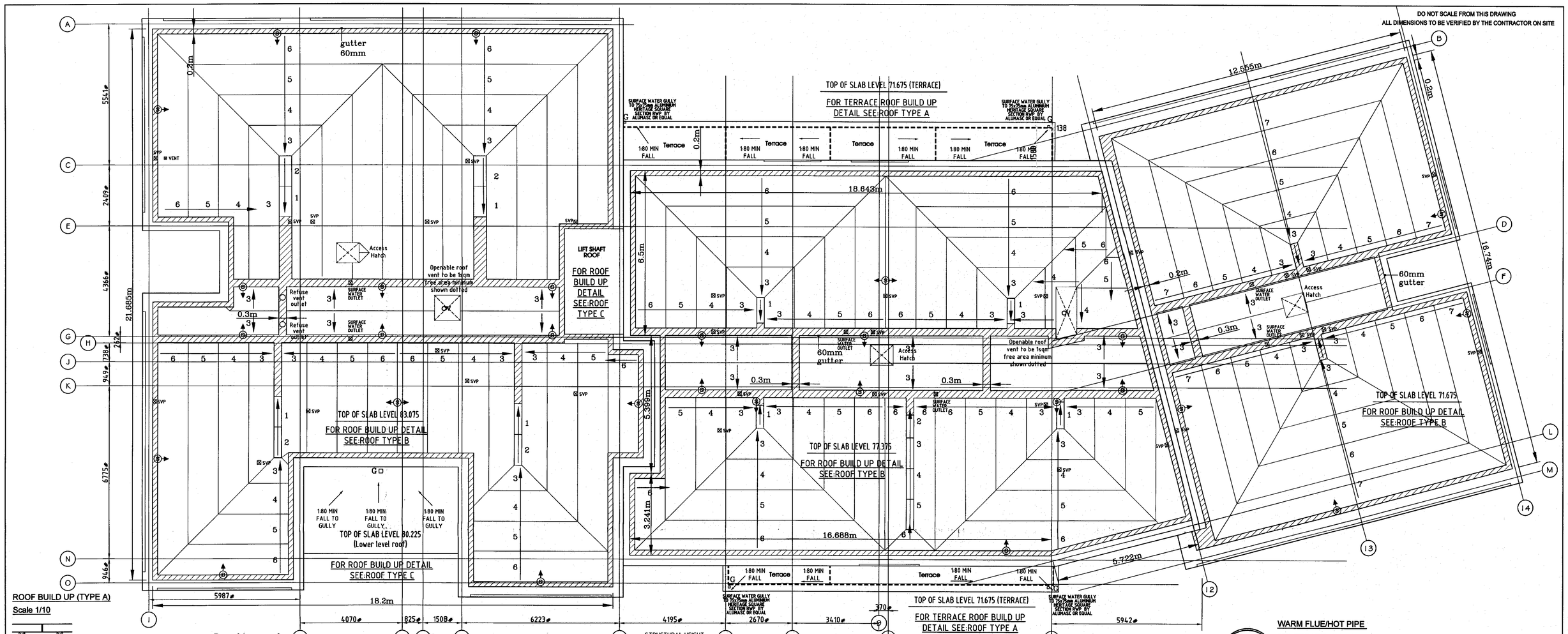
DO NOT SCALE FROM THIS DRAWING
ALL DIMENSIONS TO BE VERIFIED BY THE CONTRACTOR ON SITE



ROOF BUILD UP (TYPE A)
Scale 1/10

- CONCRETE PAVIERS ON PAVIER SUPPORTS
- 4MM GRAVIFLEX CAP SHEET
- 3.5MM POLYESTER REINFORCED SBS UNDERLAYER
- 2MM PARAVENT LOOSELY LAID VENTING LAYER
- 60MM (MIN) PARAFOAM TAPERED THERMAL INSULATION BOARD LAID TO FALL OF 1:80
- 3MM VAPOUR BARRIER TO BE PARAVAPO SBS
- 250MM INSITU CONCRETE FLOOR SLAB.
- GYPROC CASOLINE MF SUSPENDED CEILING SYSTEM. TO ACHIEVE FLOOR VOID TO UNDER SIDE OF SLAB OF 162MM.
- 12.5MM GYPROC WALLBOARD

ROOF BUILD UP (TYPE B)
Scale 1/10

- SEDUM PLANTING TO SPECIALISTS REQUIREMENTS MIN THICKNESS OF 50MM SAND/CEMENT SCREED
- NUTRIFOAM MAT
- 4MM GRAVIFLEX ROOT BARRIER SHEET
- 3.5MM POLYESTER REINFORCED SBS UNDERLAYER
- 2MM PARAVENT LOOSELY LAID VENTING LAYER
- 60MM (MIN) PARAFOAM TAPERED THERMAL INSULATION BOARD LAID TO FALL OF 1:80
- 3MM VAPOUR BARRIER TO BE PARAVAPO SBS
- 250MM INSITU CONCRETE FLOOR SLAB.
- GYPROC CASOLINE MF SUSPENDED CEILING SYSTEM. TO ACHIEVE FLOOR VOID TO UNDER SIDE OF SLAB OF 162MM.
- 12.5MM GYPROC WALLBOARD

ROOF BUILD UP (TYPE C)
Scale 1/10

- SARNAFIL G (OR EQUAL) FULLY ADHERED
- THERMAL INSULATION LAYER FULLY ADHERED, 100MM THICK KINGSPAN THERMAROOF TR27 ZERO ODF OR EQUAL
- BITUMINOUS VAPOUR RETARDER FULLY ADHERED
- SCREED LAID TO FALL 1:80 (MIN THICKNESS OF 50MM)
- 250MM INSITU CONCRETE FLOOR SLAB.
- GYPROC CASOLINE MF SUSPENDED CEILING SYSTEM. TO ACHIEVE FLOOR VOID TO UNDER SIDE OF SLAB OF 162MM.
- 12.5MM GYPROC WALLBOARD

Roof Layout

TO BE READ IN CONJUNCTION WITH SPECIALIST MANUFACTUERS DESIGN/DETAILS AND STRICTLY IN ACCORDANCE WITH WRITTEN SPECIFICATION

MAN-SAFE SYSTEM

APPROPRIATE SYSTEM TO BE INSTALLED TO PERMIT GENERAL INSPECTION AND GREEN ROOF MAINTENANCE

(LEGEND)

- (S)► Indicates setting out point of tapered insulation strictly in accordance with Manufacturer's details/specification
- G□ Surface water roof gully with connection to internal RWP via H/L pipework to plant room
- SVP⊠ Soil vent pipe outlet
- Dashed line indicating 1100mm High railings to terrace parapet /boundary

PROPOSED PARAPET / PERIMETER JUNCTION DETAIL
Scale 1/10

(SEE ROOF BUILD UP TYPE B)

STRUCTURAL HEIGHT OF PARAPET TO BE 375MM ABOVE ADJ TOP OF SLAB LEVEL

GRP PARAPET CAPPING PIECE BY ROOFING SUB CONTRACTOR

WATER PROOFING LAYER LAPPED UNDER CAPPING TO OUTER FACE OF STRUCTURE

VENT PIPE (Scale 1/10) PENETRATION DETAIL

LEAD SLEEVE FLASHING

BALLAST MARGIN

(SEE ROOF BUILD UP TYPE B)

WARM FLUE/HOT PIPE PENETRATION DETAIL
Scale 1/10

WEATHERING APRON

NON COMBUSTIBLE INSULATION LAYER

INDEPENDANT METAL SLEEVE FLASHING OVER LEAD SLEEVE

BALLAST MARGIN

ACCESS HATCH / AOV DETAIL
Scale 1/10

ACCESS HATCH / AOV TO SPECIALIST MANUFACTURER'S DESIGN / DETAILS

BALLAST MARGIN

KERB

TIMBER PACKER

(SEE ROOF BUILD UP TYPE B)

FLAT ROOF EDGE DETAIL (Terrace)
Scale 1/10

DETAIL SUPERCEDED PLEASE SEE DRAWING NO. K06 0120 20 DETAILS

FLAT ROOF GULLY DETAIL
Scale 1/10

SARNAFIL G COVER STRIP LAPPING SARNABAIR SEALED WITH HOT AIR WELD

SCREED LAID TO CREATE FALL 1:80 (MIN THICKNESS OF 50MM)

250MM INSITU CONCRETE FLOOR SLAB: GYPROC CASOLINE MF SUSPENDED CEILING SYSTEM. TO ACHIEVE FLOOR VOID TO UNDER SIDE OF SLAB OF 162MM. 12.5MM GYPROC WALLBOARD

SARNAFIL G (OR EQUAL) FULLY ADHERED THERMAL INSULATION LAYER FULLY ADHERED, 100MM THICK KINGSPAN THERMAROOF TR27 ZERO ODF OR EQUAL

BITUMINOUS VAPOUR RETARDER FULLY ADHERED

SARNAFIL RAINWATER OUTLET, PVC COATED S/S INCORPORATING LEAFGUARD MECHANICALLY FASTENED WITH MASTIC SEAL TO RAINWATER PIPE

RAINWATER PIPE ENCASED WITH INSULATION

PROPOSED EXTERNAL BRICK WALL / ROOF JUNCTION DETAIL
Scale 1/10

WATER PROOFING LAYER EXTENDED UP FACE OF EXTERNAL BRICKWORK AND CHASED INTO JOINT (MIN 150MM UPSTAND) WITH PROPRIETARY CAVITY TRAY OVER.

Min 150

PROPOSED EXTERNAL RENDER WALL / ROOF JUNCTION DETAIL
Scale 1/10

MIN 150MM WATER PROOFING UPSTAND BETWEEN FACE OF EXTERNAL METAL FRAMING/INSULATION BOARD

Min 150

PROPOSED EXTERNAL LIFT WALL / ROOF JUNCTION DETAIL
Scale 1/10

WATER PROOFING LAYER LAPPED UP EXTERNAL FACE OF CONCRETE LIFT SHAFT WALL MIN. 150MM AND CHASED INTO STRUCTURE

Min 150

REV	DESCRIPTION	DATE	INIT	CHKD
J	Roof edge detail superceded. Added to drawing K06120 128 ----------FINAL CONSTRUCTION ISSUE ----------	02.04.07	SPJ	
H	Issued for final construction	16.03.07	spj	
G	AOV roof outlet removed Abutment details added.	02.03.07	spj	
F	Roof buildup/specification revised	12.02.07	spj	
E	Additional details and annotation added	19.01.07	spj	
D	Details added	22.11.06	spj	
C	Revised in accordance with insulation manufacturers drawing	14.11.06	spj	
B	Surface water outlets and soil vent outlets repositioned	19.09.06	spj	
A	Issued for Contract purposes	08.06.06	spj	

STATUS: FINAL CONSTRUCTION

calfordseaden
construction & property consultants

Client
United House Ltd.

Project
The Royal Free Hospital.
William Gunn House.

Title
Roof Plan
General Arrangement

Scale	Date	Drawn	Checked
1:75 @ A1	28-04-06	spj	

Project No:	Drawing No.	Revision
K06 0120	111	J

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