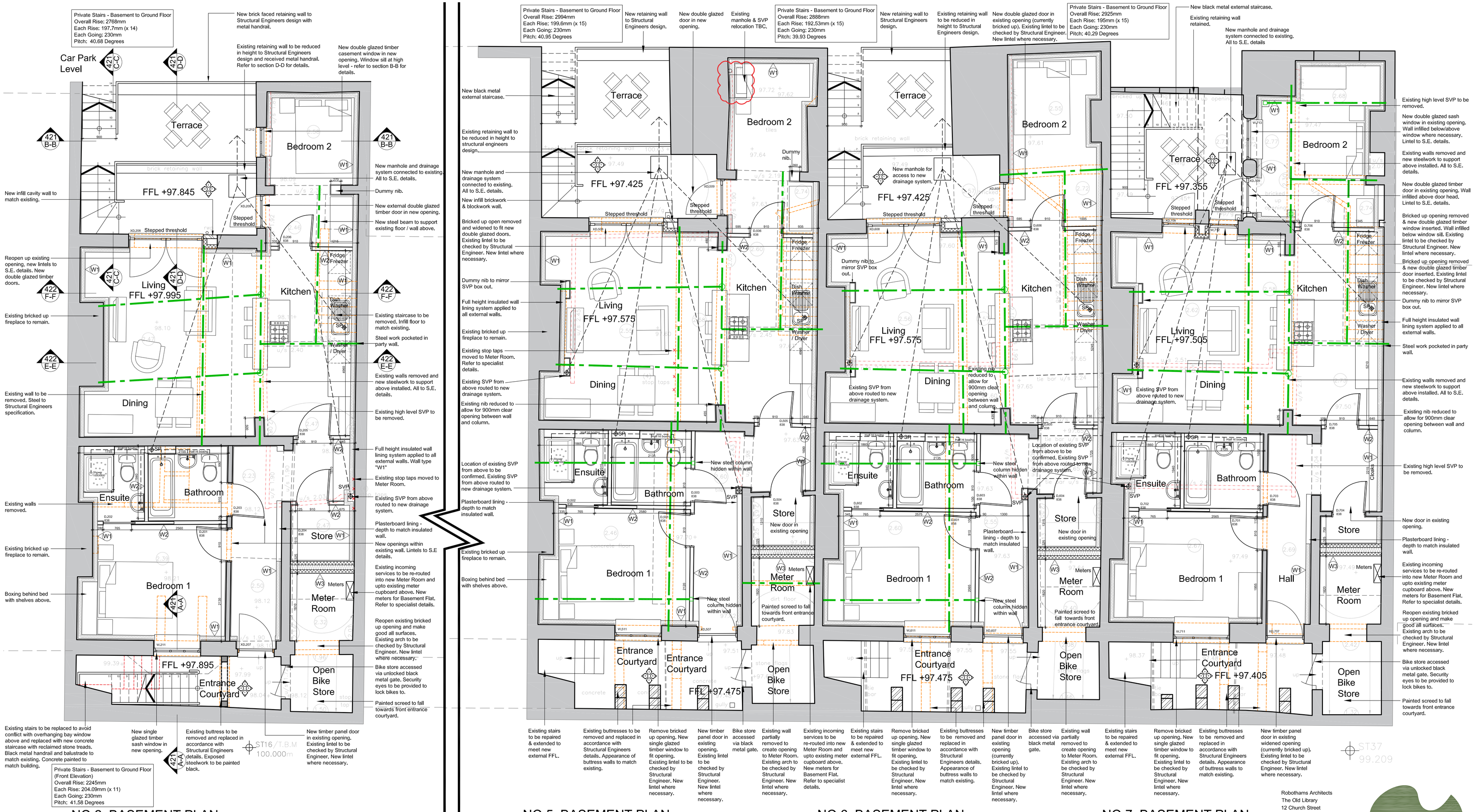

Wall Types:

W1 — **External / Retaining**
U-Value Requirement (Minimum): 0.24W/m²K
Existing solid brick, min 215mm thick
Delta MS500 Flexible sheet tanking / damp proofing full installed to specialist details and fixed with Delta Plugs to specialist details.
75 x 38mm timber battens / framing fixed with specialist Delta fixings.
50mm Kingspan Kooltherm K12 Framing Board between studs
37,5mm Kingspan Kooltherm K118 Insulated Plasterboard with skim coat

KITCHEN WALLS
Additional 18mm Marine plywood between studs & K118

W2 — **Internal Partition - 115mm overall**
30 Min Fire Resistance, Airborne Sound (Minimum): 40 Rw dB
1 Layer 12.5mm Gyproc Wallboard and skim
89mm Studs
65mm Isover Acoustic Partition Rool (ARP1200) in cavity
1 Layer 12.5mm Gyproc Wallboard and skim

WC, BATHROOM & SHOWER ROOM WALLS
Additional 18mm Marine plywood infill / noggins to Bathroom side

W3 — **External Wall - 350mm overall**
U-Value Requirement (Minimum): 0.23W/m²K
Render (colour TBC) on100mm Blockwork
125mm Cavity with full fill blown Knauf Supafil 34 Insulation
100mm Blockwork inner leaf to Structural Engineers specification
Wall ties to Structural Engineers details
25mm Allowance for 12.5mm British Gypsum Wallboard & skim on dabs

Floor Types:

F1 — **Ground Floor Construction**
U-Value Requirement: 0.18W/m²K
75mm Concrete Screed RC35 to specialist design incorporating wet underfloor heating system
500g Separation layer
75mm Xtratherm Safe-R insulation with 25mm perimeter insulation
Delta MS20 Flexible sheet tanking / damp proofing full installed to specialist details.
Koster Polysil TG500 Anti-lime coating
Concrete slab to Structural Engineers details

Ceiling Types:

C1 — Existing Seperating Floor
60 Min Fire Resistance, Airborne Sound (Minimum): 45 dB Dntw+Ctr
Impact Sound (Maximum): 62 dB Lntw
Existing timber floor (assumed ¾" T&G floor boards on 9 x 2" joists)
Install min 100mm insulation between joists & 2 x 12.5mm Gyproc FireLine to underside.
InstaCoustics AC90/25PF Acoustic ceiling system with 25kg/m³ sound barrier pads, acoustic hangers and min 100mm IN10 acoustic insulation. 2 x 12.5mm Gyproc FireLine to underside.
ALL TO BE CONFIRMED BY SPECIALIST ACOUSTIC CONSULTATNT

Fire Strategy:

Indicates walls to have 1 hour fire resistance. Walls to be taken up to the underside of the floor slab / roof finish and fire stopped in accordance with Diagram 11 of Approved Document B Vol 1.

M.O.E. Means of Escape windows to comply with section 2.8 (a) of Approved Document B, Vol 1 - First Floor windows to have a minimum unobstructed opening area of at least 0.33m² and at least 450mm high and 450mm wide.

General Notes:

1. All dimensions are to structural face of wall.
2. Dimensions in blue are "CLEAR INTERNAL" dimensions and are **NOT** to be used for construction.
3. For Window Schedule refer to drawing 3967-701.
4. All underground drainage to be confirm by Engineer and checked on site

Key:

Existing walls to be removed.

Existing walls to be retained.

Location of steel work - to be confirmed by structural engineer.

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PROJECT TITLE

Basement Conversions
No.s 2, 5, 6 & 7 Bertie Terrace
Warwick Pl, Leamington Spa CV32 5BL

DRAWING TITLE

Proposed Basement Plan

REV	DESCRIPTION	DATE	DRN	CKD
C	Updated to S.E design. Front stair to Flat 2 updated. Internal arrangement updated. Notes updated.	22.10.20	CRB	SH
B	Windows/doors updated to match elevations. Elevation symbols added.	29.09.20	CRB	SH
A	Preliminary Issue	24.09.20	CRB	SH

STATUS PRELIMINARY

SCALE	1:50	SHEET SIZE A1	DRAWN CRB
DATE	September 2020		CHECKED SH
DWG NO.	3967-241		REVISION C