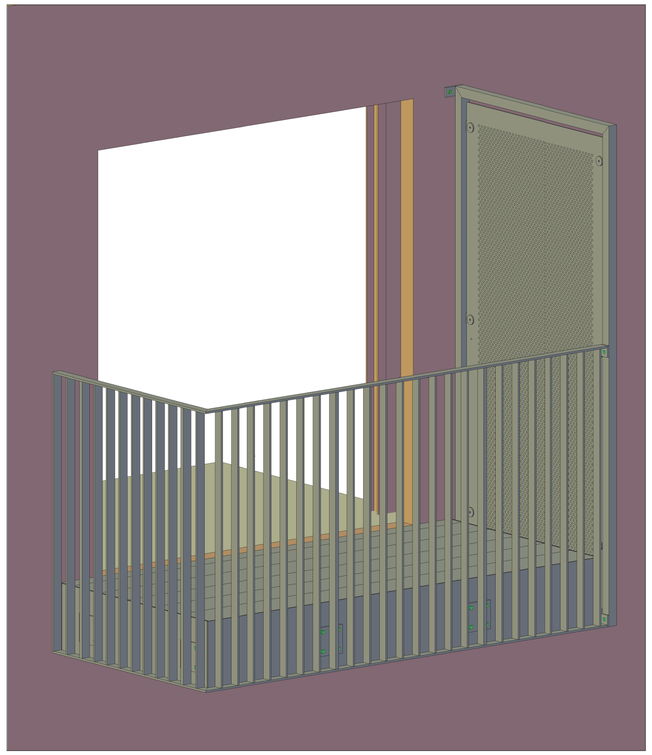
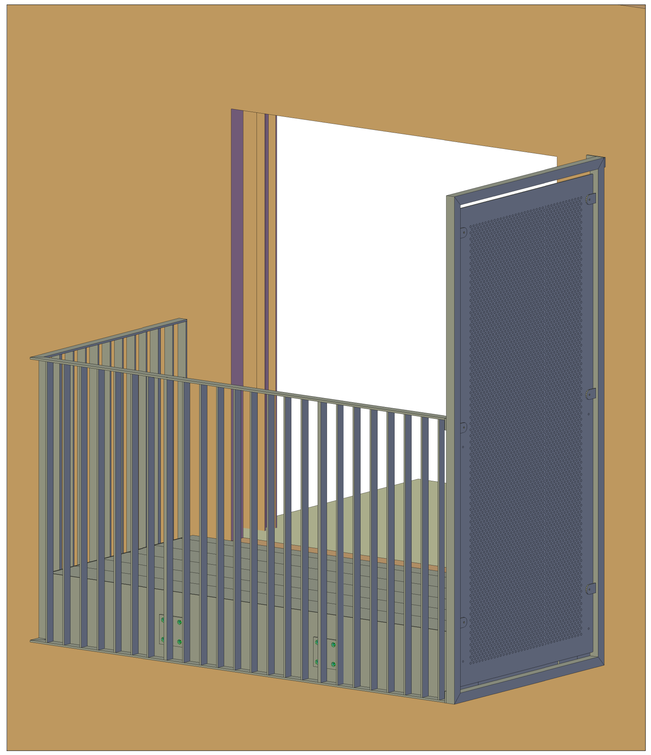
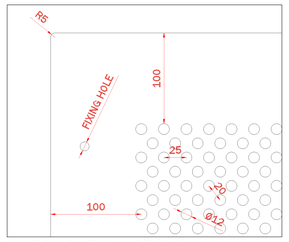
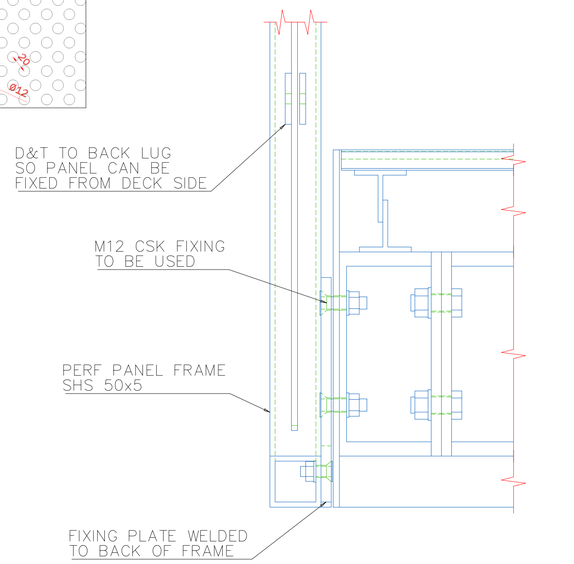




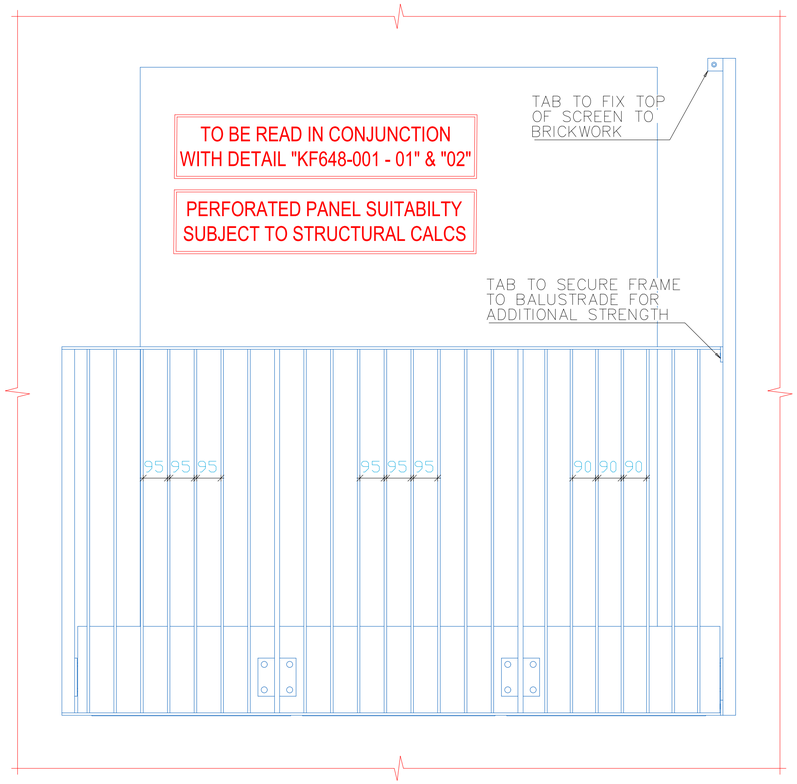


PERFORATION DESIGN



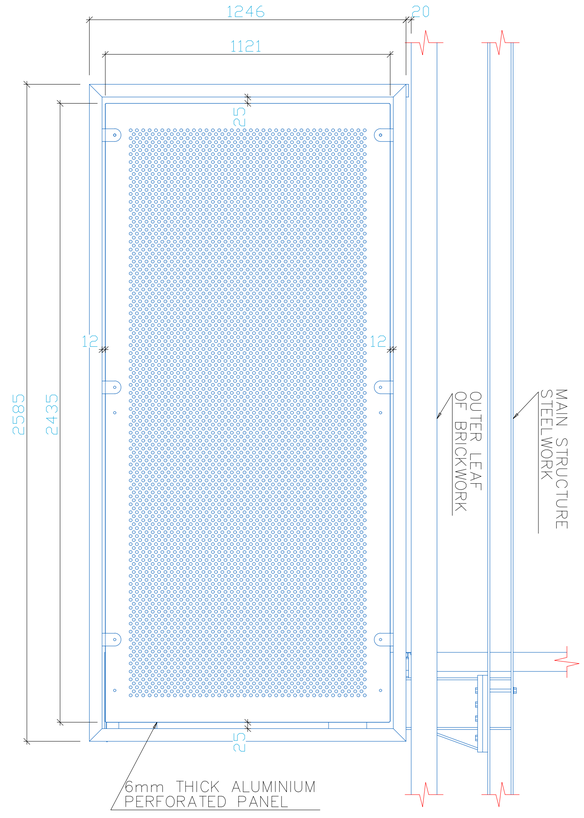
C — C
FRAME CONNECTION DETAIL

B A



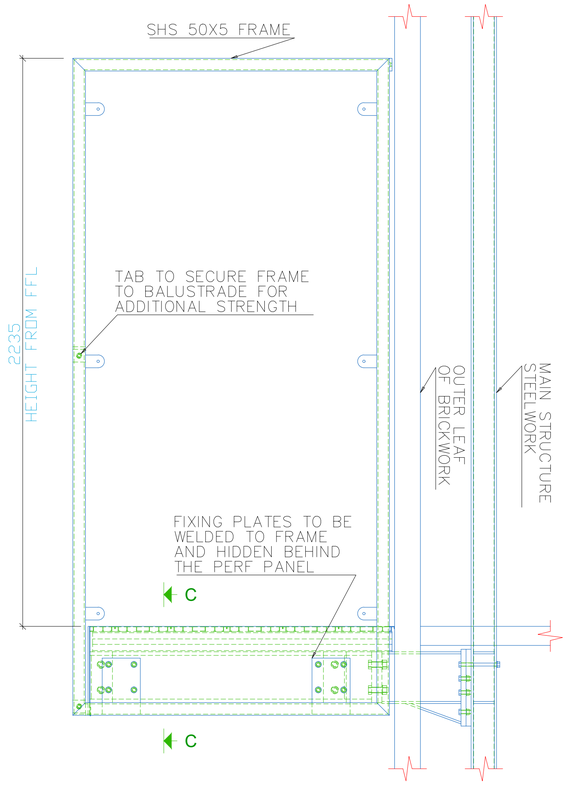
FRONT ELEVATION
RUSSELL ROAD CARE HOUSING – BALCONY TYPE 2 (6 No.)

B A



A — A
VIEW OF PANEL

B A



B — B
VIEW WITH PANEL REMOVED

GENERAL NOTES

1. ALL WELDING IN ACCORDANCE WITH BS 3834, WELDING EXECUTION CLASS 2 AS EN 1090.
2. ALL STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH BS EN 1090-2 EXECUTION CLASS 2.
3. MATERIAL GRADES U.N.O. TO BE S275 (ALL CHS/SHS/RHS TO BE S355 (
4. ALL TOLERANCES TO STEELWORK TO BE WITHIN THE LIMITS SET OUT IN THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION, 7TH EDITION.
5. O.N.O. FILLET WELDS ARE TO BE Z 6MM AS WPS-FW-002
6. O.N.O. ALL BUTT WELDS TO BE AS WPS-BW-002.
7. ALL HOLES 22Ø U.N.O
8. O.N.O GALVANIZING IS TO BE IN ACCORDANCE WITH BS EN ISO 1461:2009. (TO A THICKNESS OF 85 MICRONS AVERAGE).
9. O.N.O POWDER COATING TO BE IN ACCORDANCE WITH BS EN 12206-1:2004. (TO A THICKNESS OF 75 MICRONS). U.N.O POWDER COATING TO BE SEMI-GLOSS.
10. THIS DRAWING MUST NOT BE SCALED.

SPECIFICATION

BALCONY STRUCTURE

- FRAME TO BE 200x90x30 PFC
- FRAME C/W UB 127x76x13 BRACING JOISTS TO HELP SUPPORT DECKING
- ALL FRAME TO BE BOLTED TOGETHER WITH 10mm PLATES & M16 FIXINGS
- PFC FRAME ARMS TO FIX TO UB 203x133x25 STUB BY OTHERS, FIXED VIA M20 XOX FIXINGS
- BALCONY DECKING TO BE 20mm DEEP ALUMINIUM DECKING SUPPORTED ON 50x50 T SECTIONS TO ALLOW FOR SETTING DECKING TO CORRECT HEIGHT (FFL)
- 350 FL TRIM PLATE TO OUTSIDE OF PFC TO FINISH AT SAME HEIGHT AS FFL & TO HIDE ALL BUILD UP AND SOFFITS

BALUSTRADE

- POSTS TO BE 50x20 FLAT MOUNTED ON 150x150x10 FIXING PLATE
- MID RAILS TO BE 50x10 FLAT
- INFILLS TO BE 50x10 FLAT

PERF PANEL & FRAMING

- PERF PANEL SUPPORT FRAME TO BE 50x5 SHS C/W 6mm LUGS TO PICK UP PERF PANEL
- PERF PANEL TO BE 6mm THICK ALUMINIUM C/W CIRCULAR PERFORATION DESIGN

FINISHES: BALCONY STEELWORK TO BE GALVANISED & PPC TO RAL 7012

Index	Date	Description	Author
P02	16/06/2026	DESIGN AMENDMENT TO PERFORATION PATTERN	CM
P01	18/05/2026	FIRST ISSUE	CM

REVISIONS

APPROVAL

K-FIX SYSTEMS LTD

DESIGN, SUPPLY & INSTALL

www.k-fix.co.uk

CLIENT: ROWLINSON

PROJECT: RUSSEL ROAD EXTRA CARE HOUSING

DRAWING TITLE: GENERAL ARRANGEMENT BALCONY TYPE 2 (6 No.)

DRAWN BY	CHECKED BY	DATE	SCALE
CM	RP	18/05/2026	

DRAWING No.: KF648-001 - 03

REV: P02