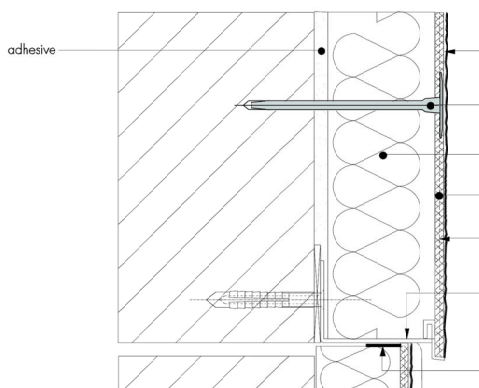


NOTES + LEGEND

The existing hpl rainscreen cladding system to part of the front elevation of Great Turnstile House is at the end of its service life and needs to be replaced (as highlighted on the elevations).

Great Turnstile House is below the 18m threshold defining a tall residential building in the building regulations. Nonetheless, the proposed replacement cladding is an External Wall Insulation (EWI) system that achieves an A2-s1, d0 reaction to fire classification in accordance with EN 13501-1 (2010). This meets Building Regulations 2010 (England and Wales) requirement B4(1) for external fire spread for a tall residential building.

The proposed EWI system - StoTherm Mineral (K-Mech) - uses a mineral wool insulation board, chemically and mechanically bonded to the substrate to create a solid, cavity-free external wall with a rendered finish as illustrated below.



PROPOSED MATERIALS

- a EWI system to existing terrace parapet wall
- c EWI system to existing masonry walls
- d Aluminium window sill and reveal profile
- e Aluminium spandrel panel to fill the existing void between the projecting triangular bays

EXISTING MATERIALS

- ex1 Existing mineral wool EWI system with coloured render
- ex2 Existing mineral wool EWI system with white render
- ex3 Existing balustrade panels with coloured render finish
- ex4 Existing glass and steel balustrade
- ex5 Existing frameless glass walling
- ex6 Existing glass-fibre reinforced concrete fascia panels
- ex7 Existing structural glass guarding to balconies
- ex8 Existing composite window system with natural silver-anodised aluminium external frames
- ex9 Existing projecting structural glass bay window

Existing spandrel glass/obscured glazing

Existing window glazing

Drawing status

PLANNING

01	19.07.22	Shadow gap details removed
Rev	Date	Description

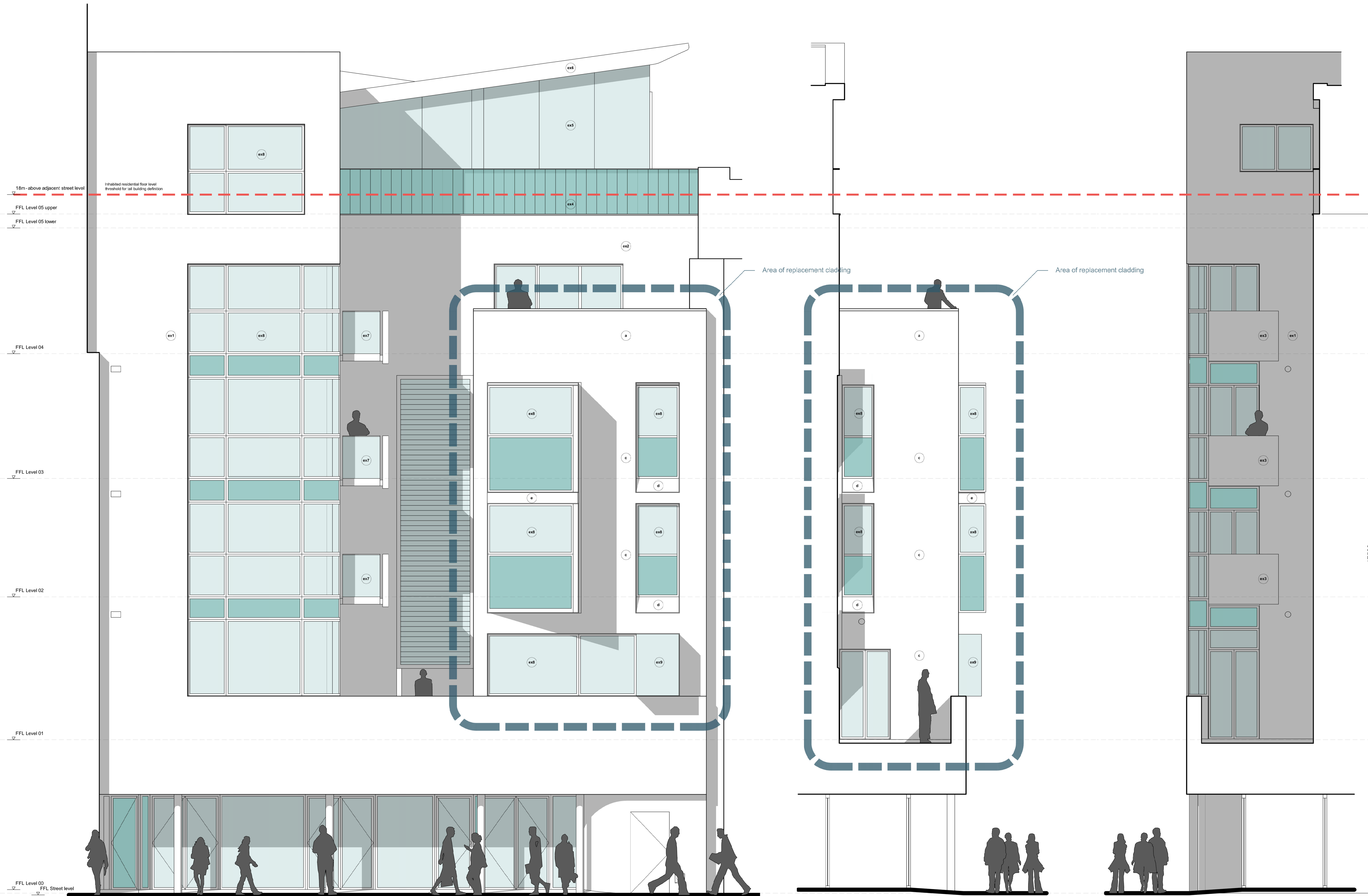
Drwg no 2006-PA-011 Rev 01

Title Front elevations

As proposed

IAN O'BRIEN STUDIO

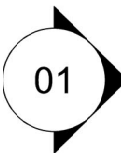
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01 Front elevation
Facing west onto Great Turnstile

02 Inset elevation
Facing north onto terraces

03 Inset elevation
Facing south onto terraces



ELEVATION KEY

