



Ellesmere Street Elevation as Proposed



Burton Place Elevation as Proposed

External Wall Insulation Stone wool
Fire Stopping
Cladding
Sealant at junctions with windows, walkways, etc
Balcony Decking
New Glazing to balconies

BS EN 13501-1:2002 Euroclass A1 – non-combustible
BS 476 Part 20: 1987 BS EN 1364-4: 2006 and classified to BS EN 13501-2
BS EN 15501-1:2002/BS476 Euroclass A2-s1,d0 – non-combustible
Tested to EN 1366-4
BS EN 13501-1:2003 Euroclass A2-s1,d0 – non-combustible
BS6206 toughened

WINDOWS AND DOORS GLAZING
Any replacement glazing to doors, adjacent windows or any glazing below 800mm should meet the requirements of BS6206.
Any replacement glazing to balconies should be at least 1100mm high, be designed as not easily climbable and not allow a sphere of 100mm or greater to pass through.
Calculations are required in respect of any replacement balconies and glazing acting as containment which should resist the loads given in BS EN 1991-1-1 (UK national annex F36088-1-1).
Window unit weights TBC

Window and curtain wall opening sizes and positioning are indicative above ground floor - All windows and curtain walls will need to be measured by manufacturers and contractor on site

EPDM Cortex 050RFR Class B Cortex 0721FR Class B paste around windows, patio doors and balcony supports

Product specification and details to be contractors design.

FIRE SPECIFICATION
ALL CAVITY BARRIERS IN EXTERNAL WALL TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND DETAILS
ALL EXTERNAL WALL INCLUDING THE CP BOARD TO COMPLY WITH BUILDING REGULATIONS PART 8 REGULATION 7 MINIMUM STANDARD A2 d1 s0
ALL CAVITY BARRIERS MINIMUM REQUIREMENT TO COMPLY WITH BUILDING REGULATIONS PART 8 30min integrity and 15min insulation (30/15)
ALL FIRE STOPS MINIMUM REQUIREMENT TO COMPLY WITH BUILDING REGULATIONS PART 8 90min integrity and 90min insulation (90/90)

EXPANSION JOINT IN EWI AT EVERY FLOOR LEVEL

ALL DIMENSIONS ARE INDICATIVE AND MUST BE CONFIRMED ON SITE BY MANUFACTURER, SUPPLIER OR SPECIALIST PRIOR TO PLACING ORDERS OR COMMENCING WORKS

Ducts
Ducts to be sealed with overflap intumescent fire mastic
Pyrotec non combustible grille as Part of A1 ducting kit

All Service Penetrations
Require inspection specialists to achieve the same fire rating as the structure. Service penetrations to be guaranteed by specialist and certified. Service penetrations will need to be considered to the whole wall beyond the CP board

DESIGN PARAMETERS OF FIXING BRACKETS FOR THE ALUMINIUM PANELS
BRACKETS AT 750c/c THROUGHOUT
RAILS AT MAX 600MM OR 700MM DEPENDING ON APPLICATION BUILD UP

ALL ALUMINIUM CLADDING PROPOSALS ARE INDICATIVE AND TO BE DESIGNED BY FACADE SPECIALIST

To Include
• 10mm gap for thermal expansion where necessary

- Hilti S-AD QLS - 5.5 x 1.5 (F&S) Steel Tie
- Thermal Isolating pad
- CS1 Extruded Aluminium angle
- MFT - MF1 095 Extended Aluminium helping hand bracket on thermal pad to steel walkway/wall construction
- 2mm thick Aluminium ceiling/wall panel

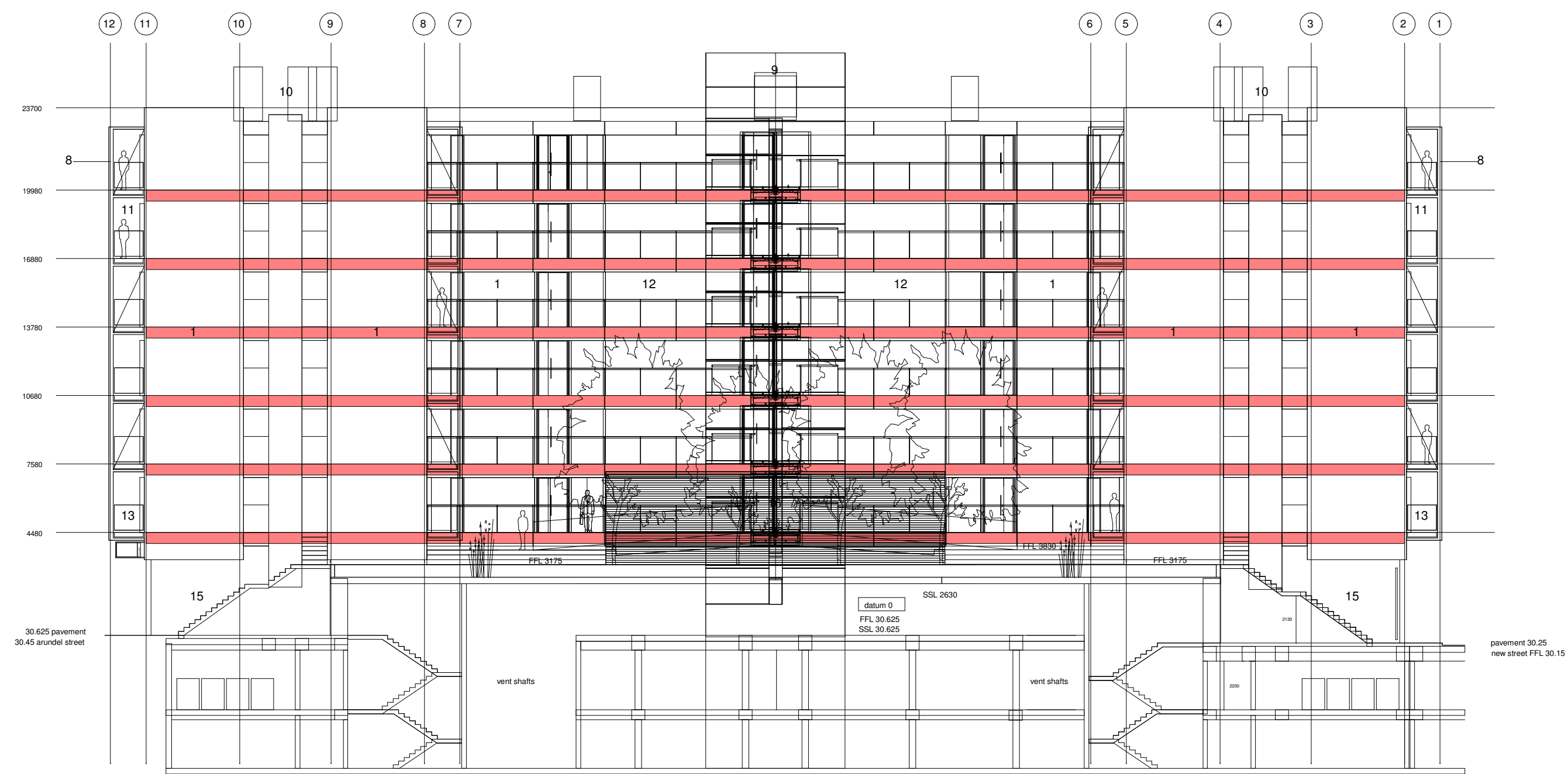
Existing plastisol coated steel panel to be removed and replaced by proposed 3mm steel panel fire protection board

Barriers behind drained and vented facade to achieve 30 min EI (Horizontal Open State) - Siderise RH25 - 90/30
30 offers 90 minutes integrity and 30 minutes insulation and is suitable for air gaps up to 25mm. The combined classification would therefore be 30 minutes (EI). The barrier is 75mm thick. The barrier is suitable for void ranges up to 425mm (max).

Barriers behind drained and vented facade to achieve 30 min EI (Vertical) - Siderise RV - 90/30 Closed State offers 90 minutes integrity and 30 minutes insulation. The combined classification would therefore be 30 minutes (EI). The barrier is 75mm thick. The barrier is suitable for void ranges up to 450mm (max) Siderise RV barriers are secured to the supporting structure with brackets at 600 c/c and installed with 10 mm compression to the external facade. Brackets should be positioned at midpoint and penetrate the firestop material by 75%.

NOTE: All products should be confirmed as compliant with Regulation 7(2)

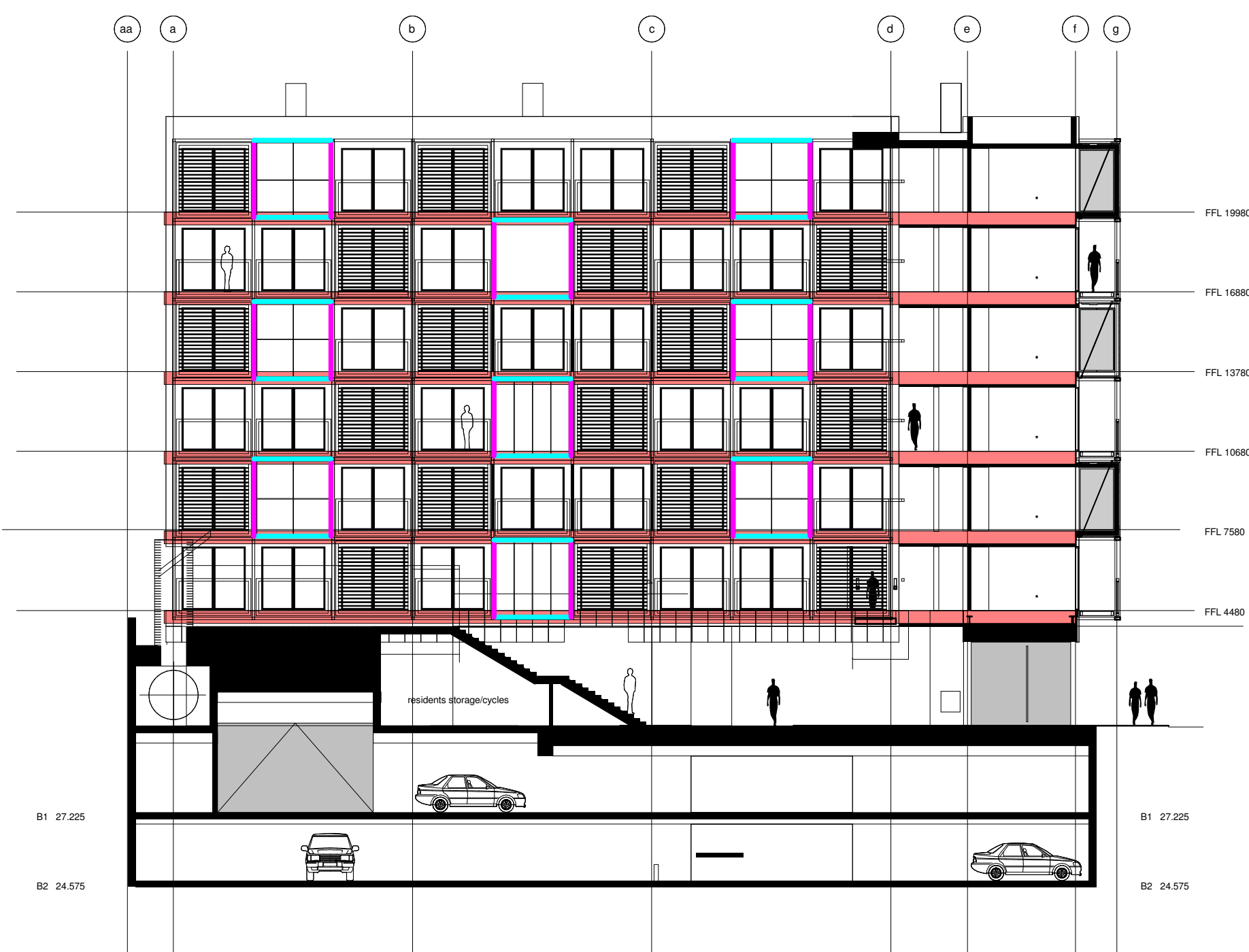
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EXPANSION JOINT IN EWI AT EVERY FLOOR LEVEL



Proposed Courtyard Elevation as Proposed



Arundel Street Elevation as Proposed



Arundel Street Courtyard Elevation as Proposed



Burton Place Courtyard Elevation as Proposed

Rev	Date	Int	Description
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CLIENT:
BWP
PROJECT:
MOHO

DESCRIPTION:
Elevations - Fire Strategy

PURPOSE OF ISSUE:
Construction

DRAWN BY: VS CHECKED: DATE: 13/04/23 SCALE @ A0: As indicated

JOB NO.: 3895 STATUS CODE: A DRAWING NO.: 124

FILE IDENTIFIER:
MH-BTP-00-E-DR-A-3895_124

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