

Typical Residential

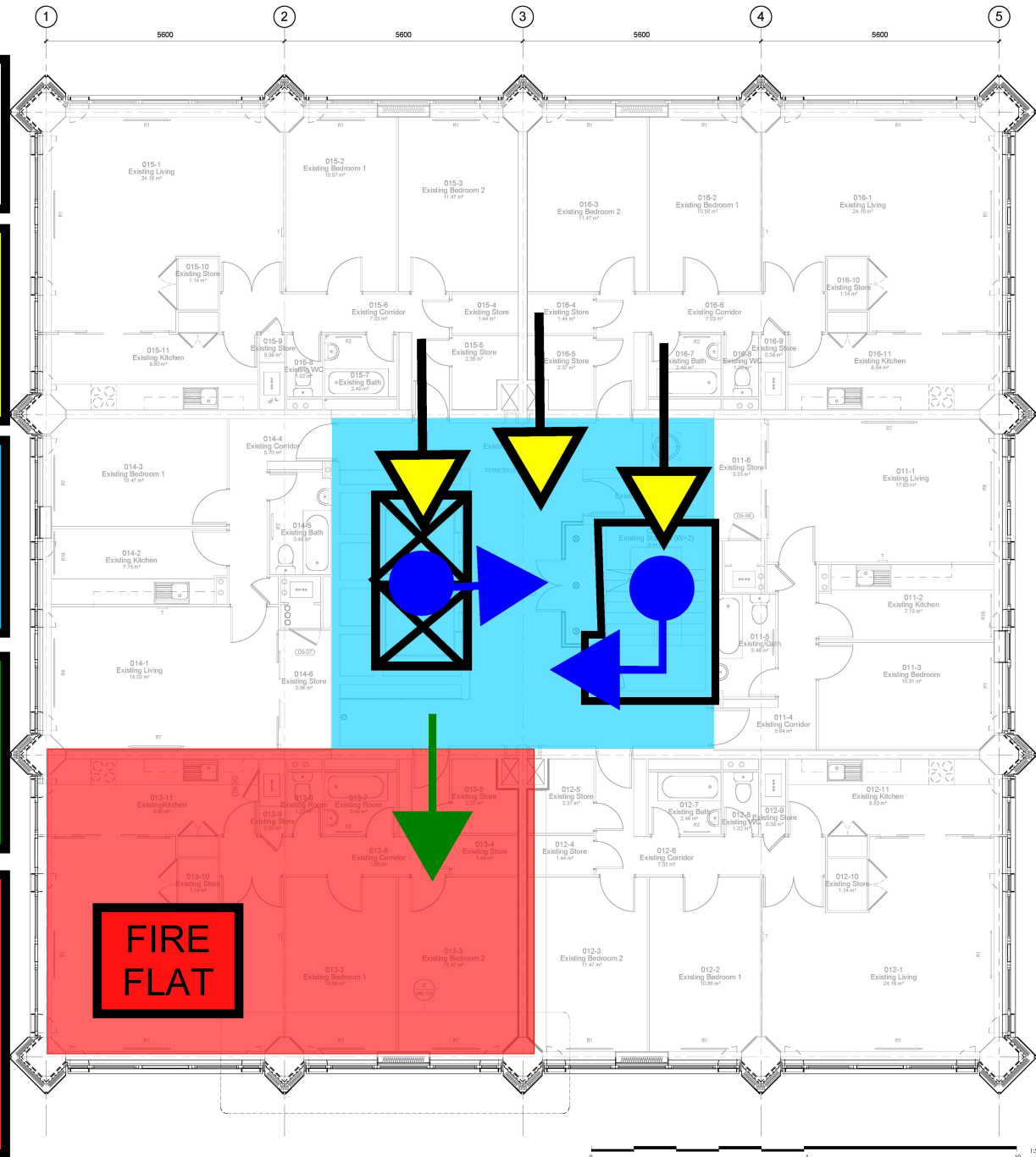
PRESSURISATION

1. AIR IS SUPPLIED BY FANS INTO THE STAIR & LIFT SHAFTS AND LOBBIES

2. AIR PUSHED FROM STAIR & LIFT SHAFTS TO LOBBY

3. AIR PUSHED THROUGH OPEN FIRE FLAT DOOR

4. SMOKE AND HEAT IS PREVENTED FROM SPREADING OUT THROUGH OPEN FIRE FLAT DOOR TO LOBBY



- NOTE**
1. THIS DRAWING IS COPYRIGHT STUDIO E LLP
 2. THE CONTRACTORS MUST NOT SCALE FROM THE DRAWING. ALL DIMENSIONS TO BE TAKEN FROM DIMENSION LINES.
 3. WHERE ANY DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS THESE MUST BE BROUGHT FORWARD TO THE ATTENTION OF THE ARCHITECTS FOR RESOLUTION.
 4. WHERE DISCREPANCIES EXIST BETWEEN REFERENCE OR ASSEMBLY DRAWINGS & DETAIL DRAWINGS, THE LATTER TAKE PRECEDENCE.

No.	Date	Description



EMPLOYER'S REQUIREMENTS

STUDIO E LLP

Studio E LLP
100 Victoria Road
London W14 7JF
Tel: 020 7461 2000
www.studioe.co.uk

GREENFELL TOWER REGENERATION PROJECT

PROJECT
Proposed Residential Plan
(W+2)
DRAWING

1:50 09/11/13
SCALE DATE
1279 (04) 105 00
DWG NO. REVISION CHECKED

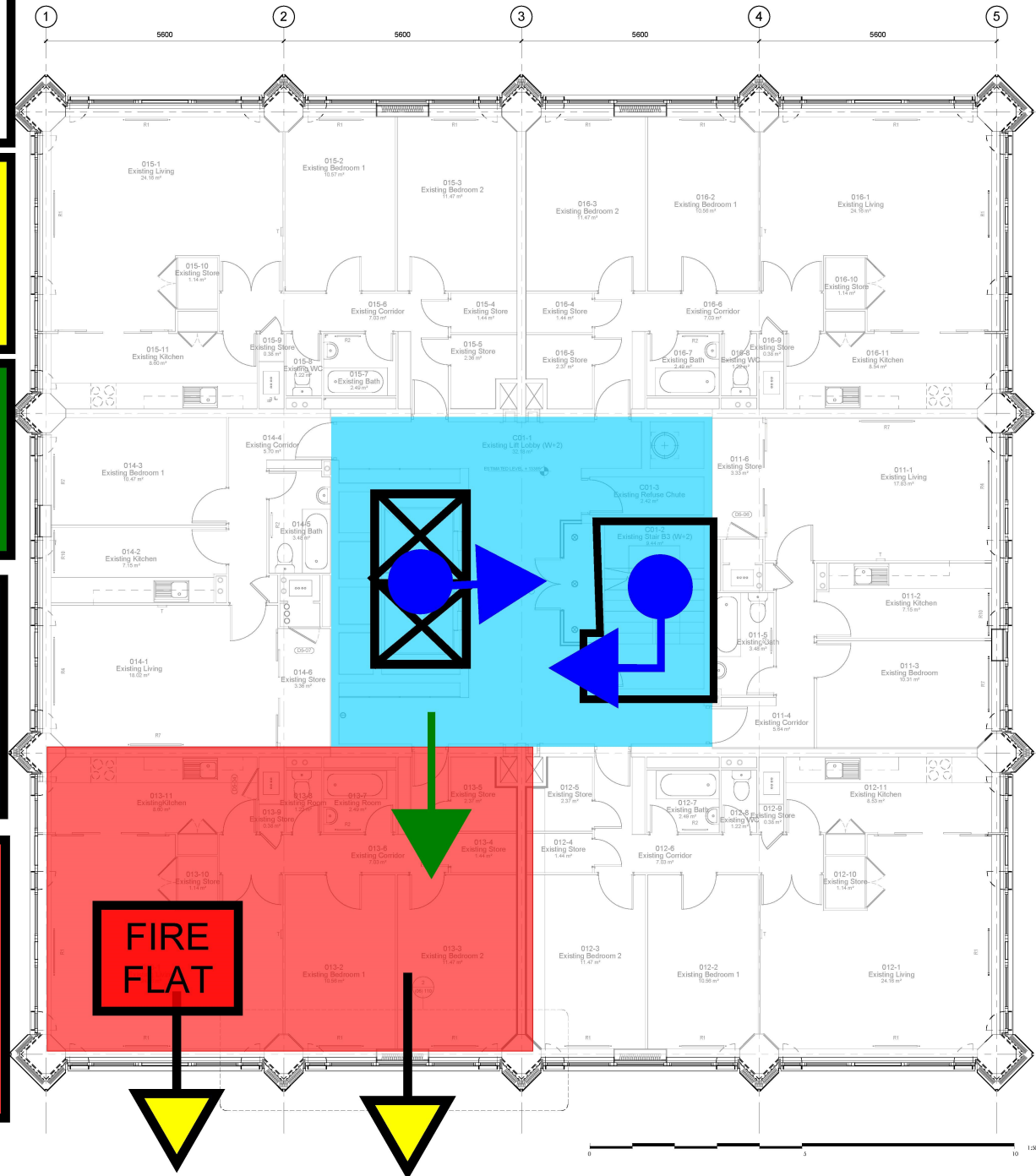
DEPRESSURISATION

1. SMOKE IS EXTRACTED BY FANS FROM THE FIRE FLAT

2. AIR PULLED THROUGH OPEN FIRE FLAT DOOR

3. AIR PULLED FROM STAIR & LIFT SHAFTS TO LOBBY -NATURAL INLET OR ASSISTED BY SUPPLY FAN

4. SMOKE AND HEAT PREVENTED FROM SPREADING OUT THROUGH OPEN FIRE FLAT DOOR TO LOBBY



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Typical Residential
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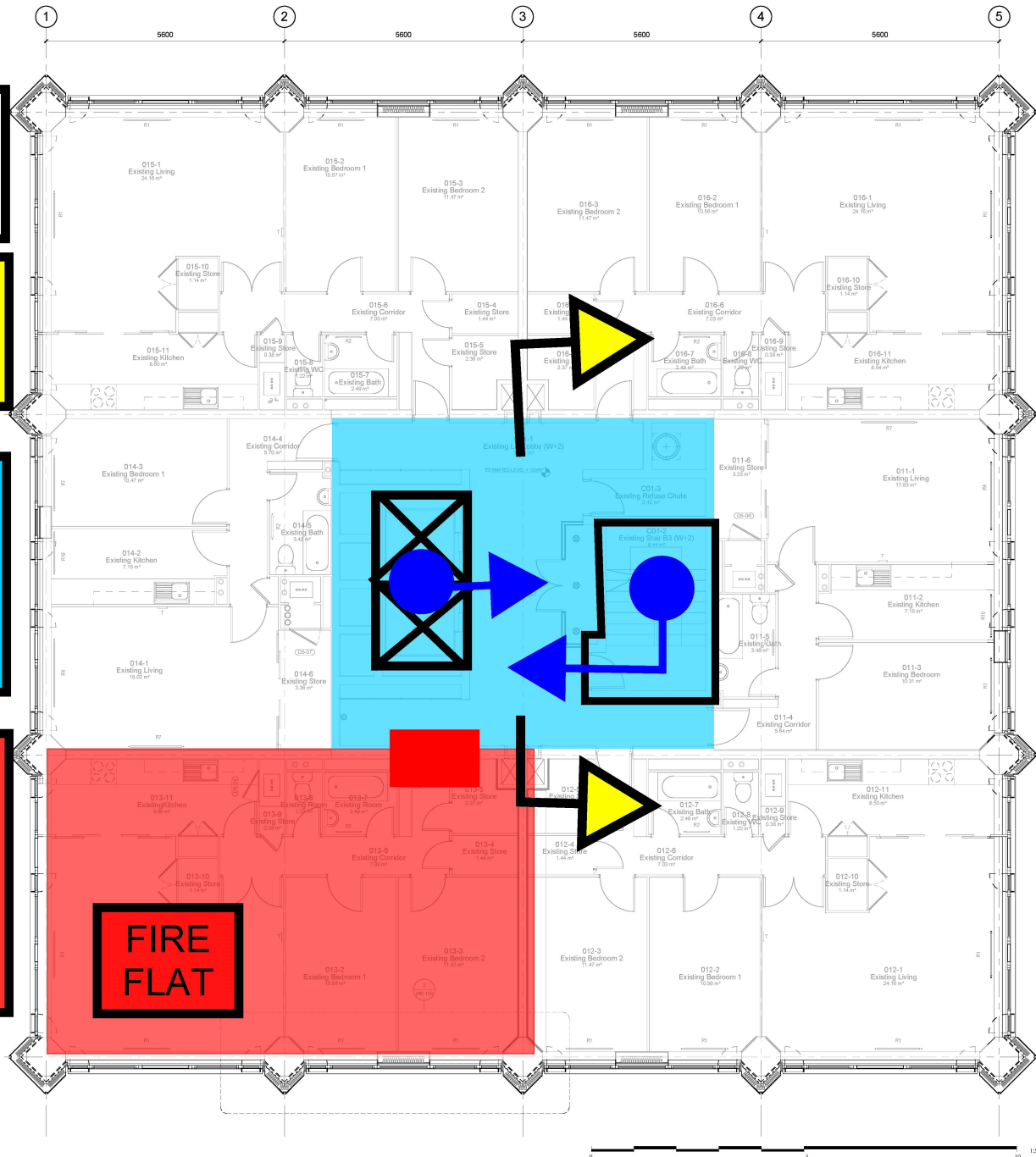
GRENfell SMOKE VENTILATION

1. AIR IS EXTRACTED BY FANS FROM THE LOBBY

2. AIR PULLED THROUGH OPEN STAIR DOOR & LIFT SHAFTS TO LOBBY AT 2m/s

3. FLAT FIRE DOOR NOT ASSUMED TO BE OPEN.
NO PROVISION MADE FOR FIRE FIGHTING OR ESCAPE.

FIRE FLAT



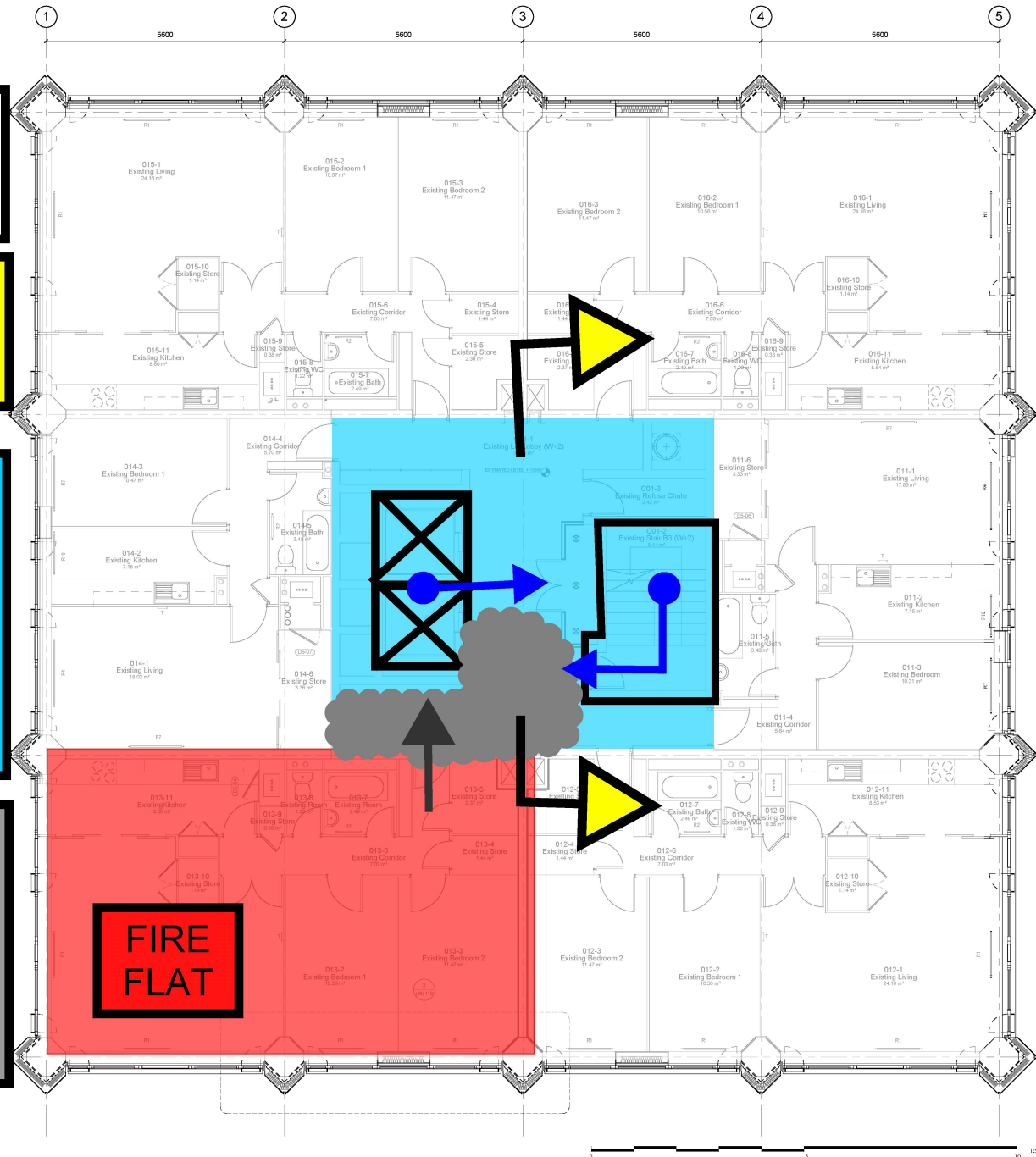
Typical Residential
1:50

GRENfell SMOKE VENTILATION

1. AIR IS EXTRACTED BY FANS FROM THE LOBBY

2. AIR PULLED THROUGH OPEN STAIR DOOR & LIFT SHAFTS TO LOBBY AT LESS THAN 2m/s (DUE TO OPEN FLAT DOOR)

3. LOBBY EXTRACT PULLS SMOKE FROM FIRE FLAT THROUGH OPEN DOOR.



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No.	Date	Description



EMPLOYER'S REQUIREMENTS

STUDIO E LLP

Studio E LLP
100 Victoria Road
London W14 7JF
Tel: 020 7481 2100
www.studioe.co.uk

GRENfell TOWER REGENERATION PROJECT

PROJECT
Proposed Residential Plan
(W+2)
DRAWING

1:50 09/11/13

SCALE DATE

1279 (04) 105 00

DWG NO. REVISION CHECKED