

**To:** Johnson, Ashley[Ashley.Johnson@trio.co.uk]  
**From:** Wisken, Martyn  
**Sent:** Tue 15/11/2016 4:04:06 PM  
**Subject:** FW: Grenfell Tower.....IMGM 170186

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**From:** Wisken, Martyn  
**Sent:** 28 October 2016 11:22  
**To:** Johnson, Ashley  
**Subject:** FW: Grenfell Tower.....IMGM 170186

Ashley,

Survey attached for Grenfell. There's a load of notes that need adding to the drawing, so give me a shout when youre ready.

**Regards**

**Martyn Wisken**  
Design Engineer

tRIO®  
Uxbridge Road,  
Slough.  
SL2 5NA  
Phone: [REDACTED]  
Mobile: [REDACTED]

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**From:** Smith, Harvey  
**Sent:** 14 October 2016 17:48  
**To:** Wisken, Martyn  
**Subject:** FW: Grenfell Tower.....IMGM 170186

Martyn

Please see below as requested.

Regards

**Harvey Smith**  
Operations Support Manager

**trio®**  
National Grid  
Albert Road  
East Barnet  
EN4 9SH  
Phone: [REDACTED]  
Email: [harvey.smith@trio.co.uk](mailto:harvey.smith@trio.co.uk)



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**From:** Simon BOYGLE [<mailto:londonopsgas@gmail.com>]  
**Sent:** 12 October 2016 14:13  
**To:** Stevens, Stuart (Borehamwood); Smith, Harvey; Talbot, Cerianne; K & S PIPE CONTRACTORS LLP; Tony Maddocks K&S; Backoffice, Mobs  
**Subject:** Grenfell Tower.....IMGM 170186

20 flats off gas, cooking only; 12,22,32,42,52,62,72,82,92,102,112,122,132,142,152,162,172,182,192,202.

RBKC/KCTMO Council block.

Hello Harvey

As discussed, I've identified a route up through the block to the top floor. This pipe would eventually supply the remainder of the block. Security valves can be left. The riser can be installed in the stairwell close to the affected flats. The main issue is the recently installed mechanical air vents circulating the air on all communal landings.

At this stage, I haven't contacted the council whilst investigations still ongoing.  
Council contact is; Charlie Saul;  
e [csaul@kctmo.org.uk](mailto:csaul@kctmo.org.uk)

#### INTERNAL WORKS

Each flat has a suitable area that backs onto the communal parts where gas meters can be resited into. Approx 10m outlet would be required to run back to the original meter positions.

#### ASBESTOS SURVEY

The ceilings in the flats are old artex & may contain ACM's.

#### MECHANICAL AIR VENTS

However, during the course of the survey, large air-events (see pictures) are present on each floor within the communal landings. These are electrically controlled to open/shut and air is mechanically moved through the block. I believe this will affect the design applying G5.

#### HEATING PIPES BOXING

The carpenter has opened up the plasterboard ceilings on the landings and there is enough space to run gas riser through. This boxings enclose heating pipes (see pictures).

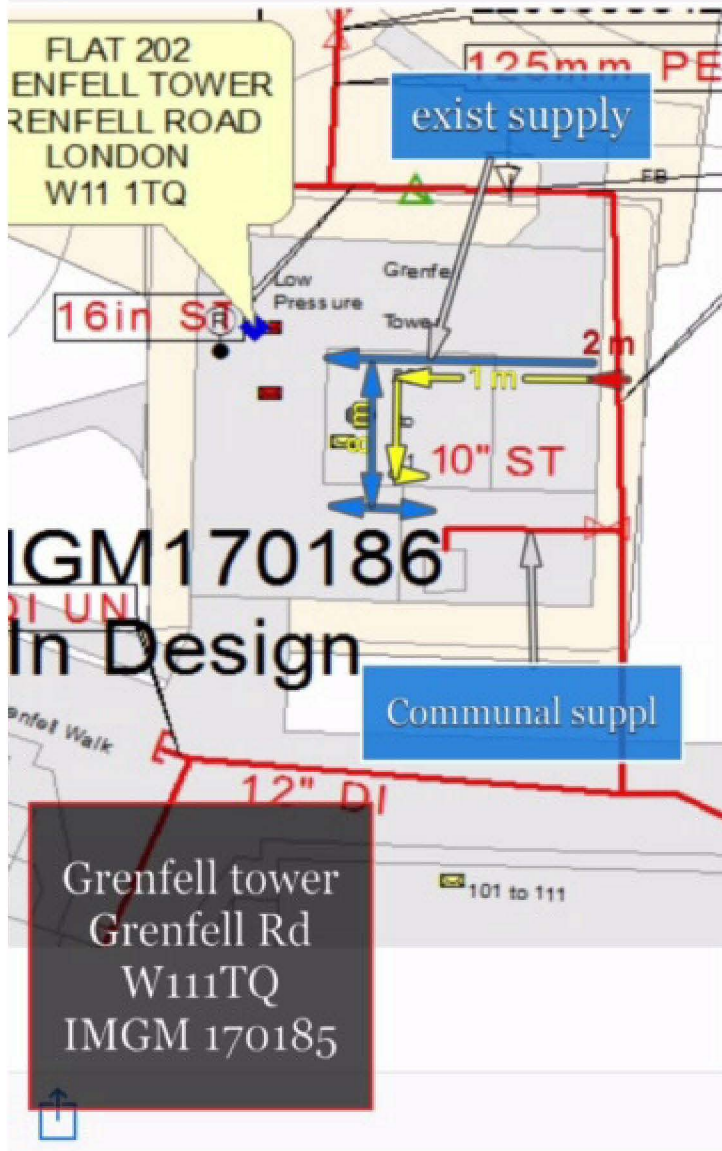
#### WAH

Only potential WAH is in the boiler room where the ceiling height is approx 6m high & the horizontal pipework needs fixing to the ceiling. Approx 22m horizontal pipework req.

#### OBSERVATIONS;

- 10" communal supply in sub-boiler room unaffected.
- 4" screwed steel supply also enters boiler room. This supplies 4 risers (2 x 2" risers supplying 1 line flats each & 2 x 3" risers supplying 2 lines each)(1 X 2" riser cut off).
- block is recently clad in steel panels & new double glazed units so no external route.
- first gas users start up on the 4th floor. Premises below are new & electric.

IMGM170186 - GRENFELL TOWER...

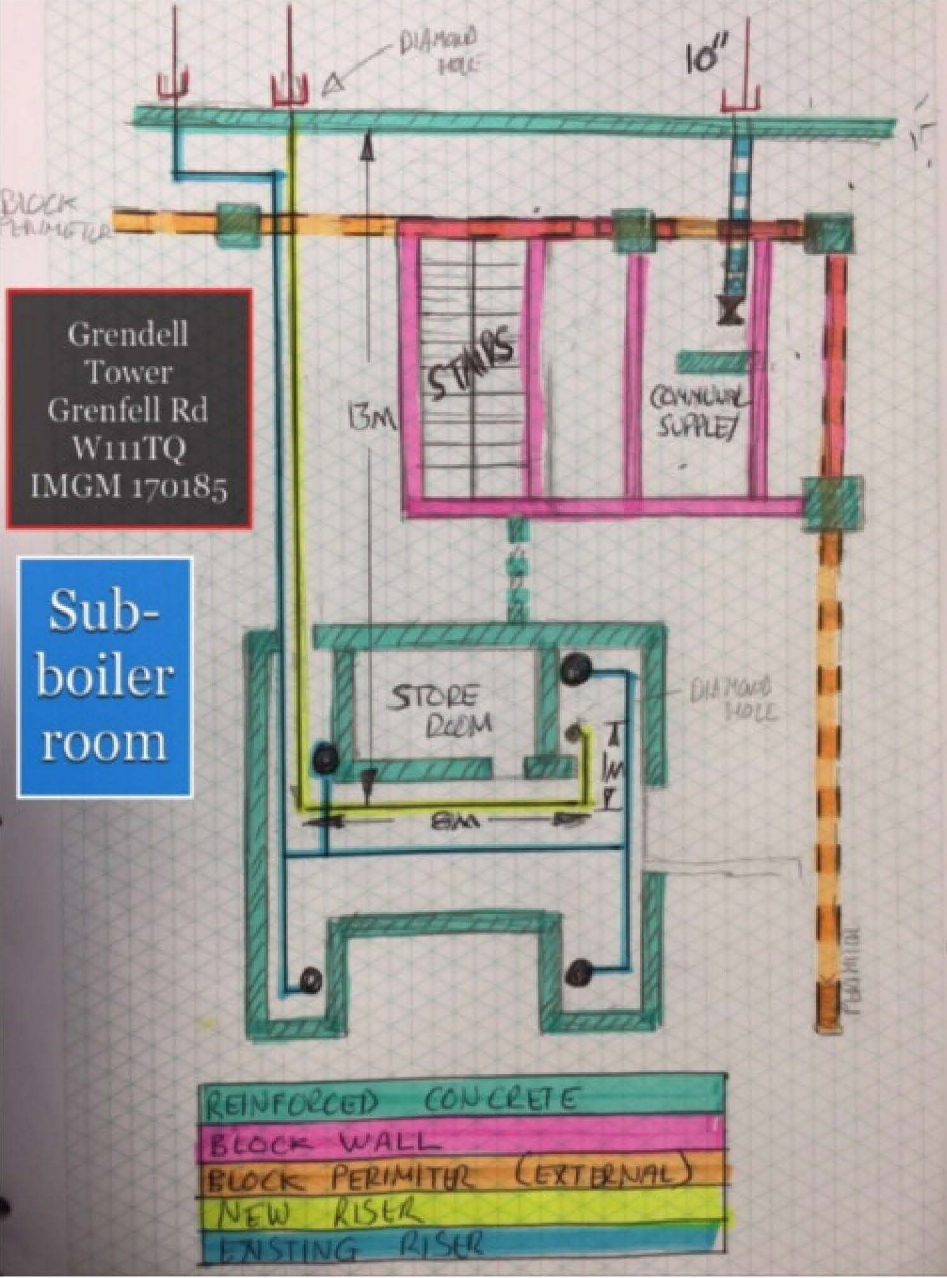


Grendell  
Tower  
Grenfell Rd  
W111TQ  
IMG1 170185

line 20  
flats  
off gas

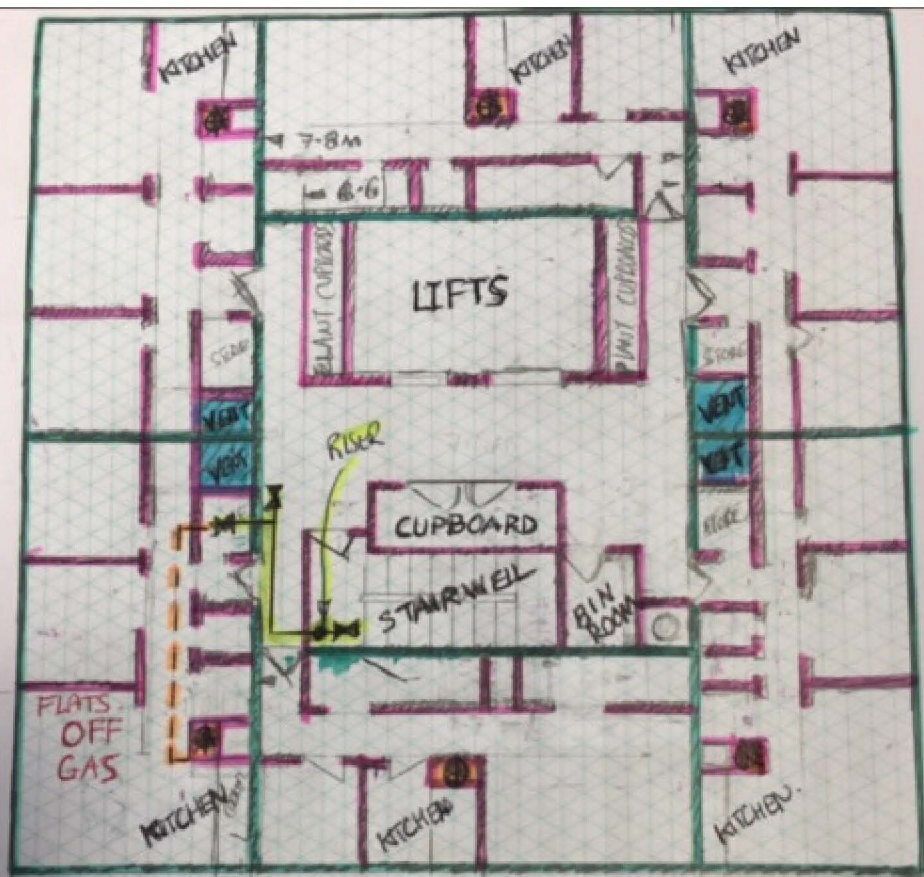






Grendell  
Tower  
Grenfell Rd  
W111TQ  
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Sub-  
boiler  
room

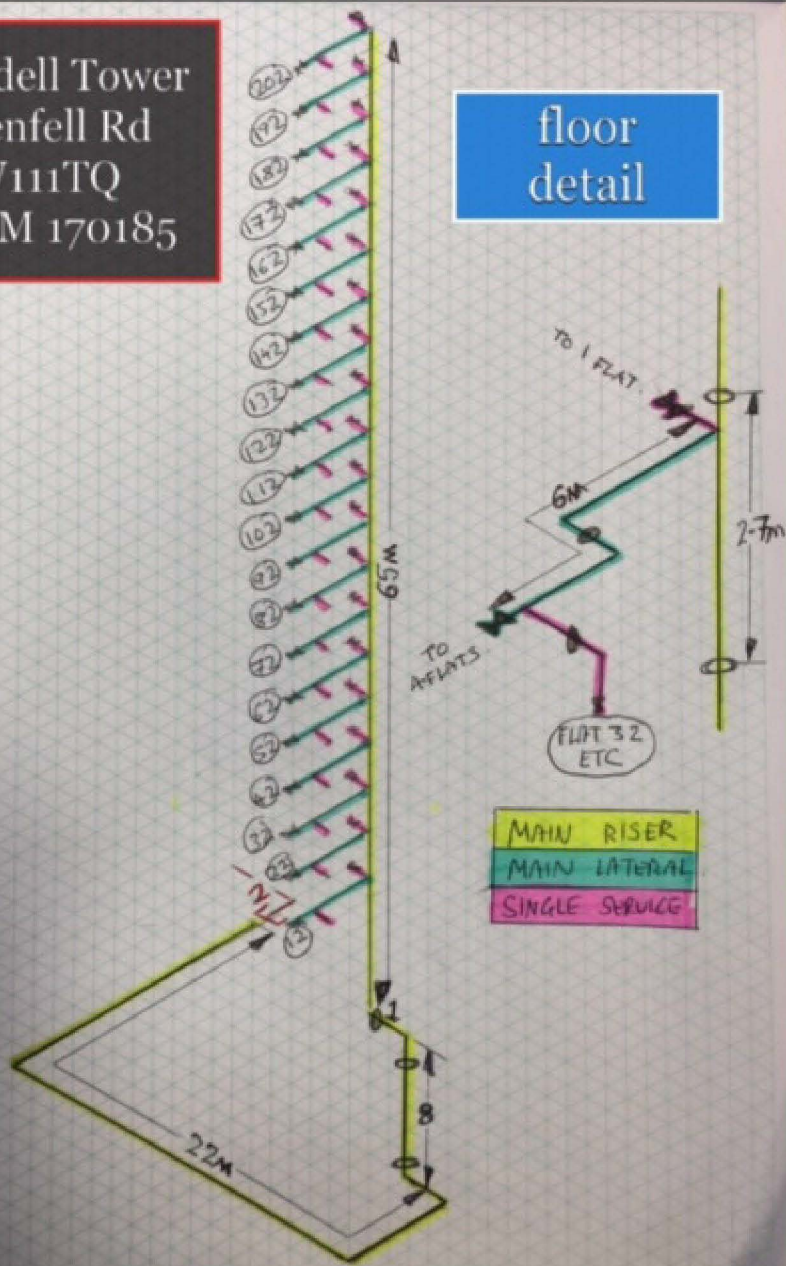


MECHANICAL AIR VENTS
EXISTING RISER
OUTLET
RISER

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Grenfell Rd  
W111TQ  
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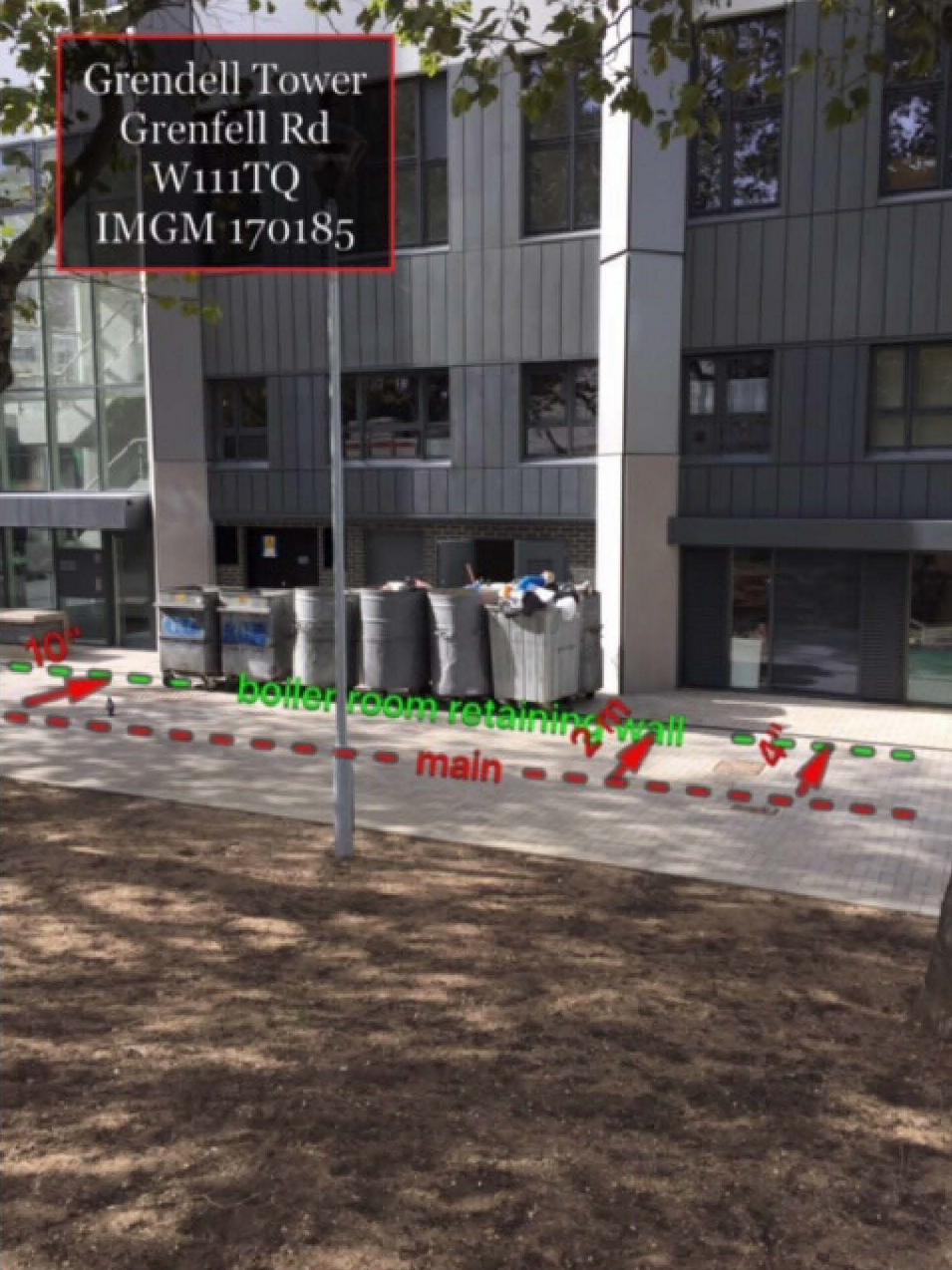
Grendell Tower  
Grenfell Rd  
W111TQ  
IMG170185

floor  
detail





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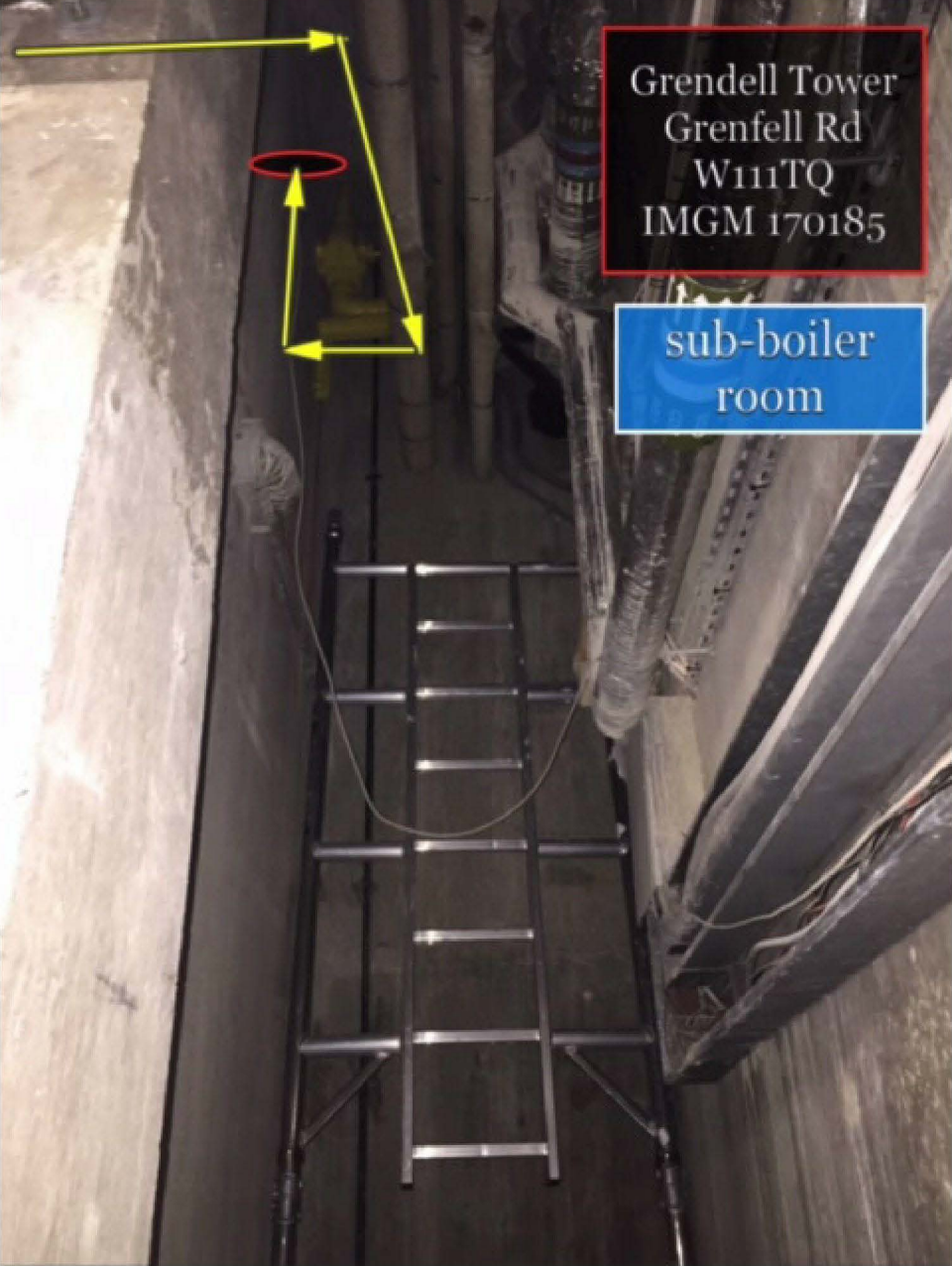


Grenen Rd  
W111TQ  
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22 m

Grendell Tower  
Grenfell Rd  
W111TQ  
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22m





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ground/1st  
floor  
Service  
cupboard

main riser

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boxing club

Ground lobby

2nd

Main riser

1st

ground

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IMG1 170185

2nd floor

main riser



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Tower  
Grenfell Rd  
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Typical  
landing

valve left for  
single flat  
off stairwell

main riser

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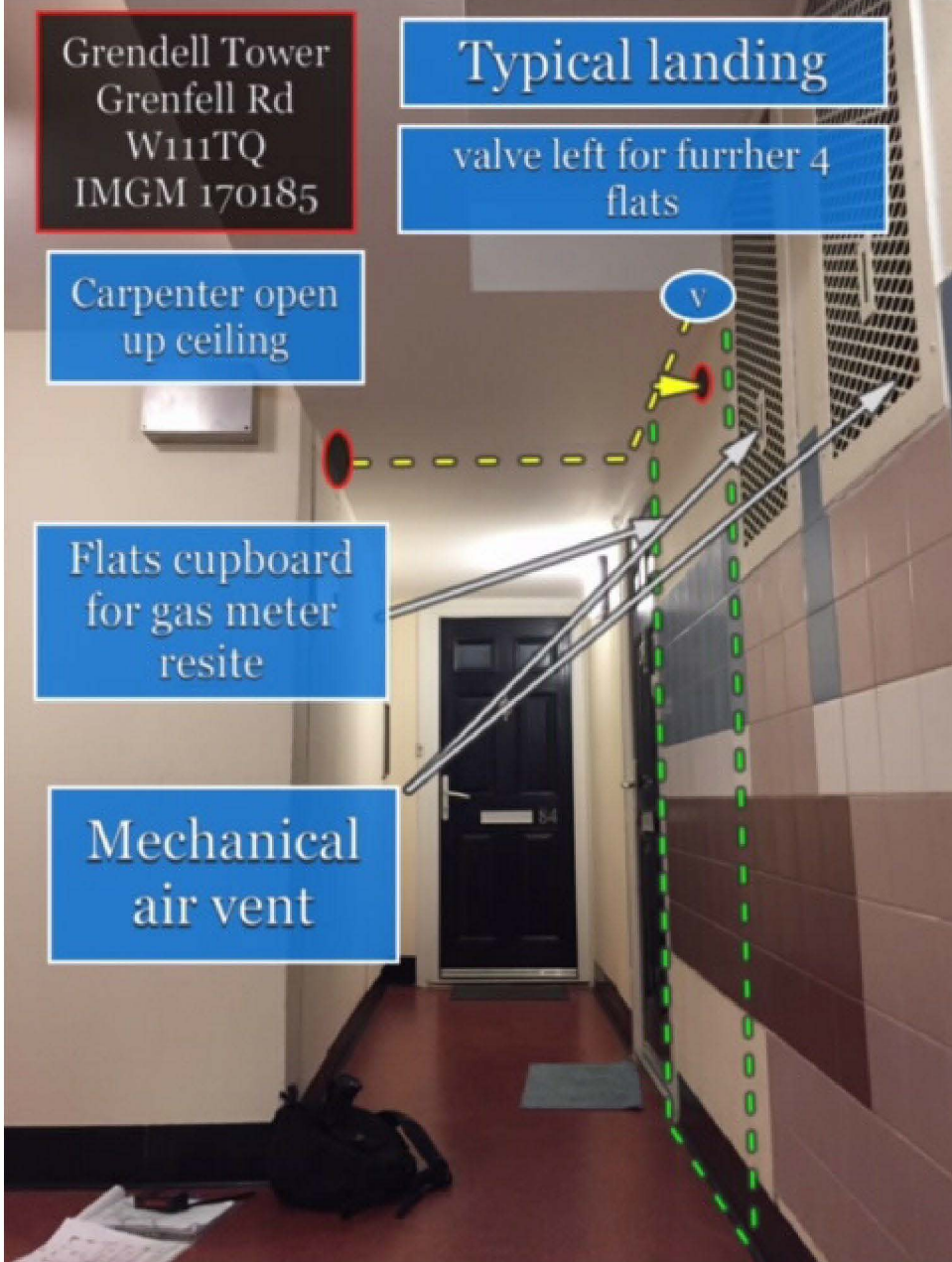
## Typical landing

valve left for further 4  
flats

Carpenter open  
up ceiling

Flats cupboard  
for gas meter  
resite

Mechanical  
air vent



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## Mechanical air extractor





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1st floor  
Mechanical air  
extractor



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Heating pipes  
in communal  
landing boxing



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Existing meter  
positions  
centre flats



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2" riser  
capped  
ground floor

Kind regards

*Simon Boyle*  
sent from my iPhone

SMELL GAS? CALL.....

London Operations....Gas  
**SURVEYING DEPARTMENT**  
**MULTI-OCCUPANCY BUILDINGS**

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Customer Services,  
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