

Adrian Wyatt

From: Shawn Brosnan <shawn.brosnan@formiga1.com>
Sent: Thursday, 20 April 2023 9:35 PM
To: Callum Bell
Cc: 22066 McNab - Rockpool Pelican Waters; Ashley Lowe; Adrian Wyatt; Craig Gillard; Michael Hemmings
Subject: Re: Rockpool Pelican - Loading bay Exit Door FRL RFI

Thanks Callam,

As the Ground floor has been included in the FER to allow it to be a single fire/smoke compartment, there is no requirement for this wall to be anything other than a 120/-/- FRL to support the floor and building over.

As such the door and penetrations in this area as questioned do not require an FRL level.

Please ensure the Structural Engineer can confirm the penetrations do not affect the structural FRL design of the wall.

Kind regards,



Shawn Brosnan
General Manager

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ROCKDALE NSW 2216

On Wed, Apr 19, 2023 at 12:00 PM Callum Bell <Callum.Bell@mcnab.net.au> wrote:

Good morning Shaun,

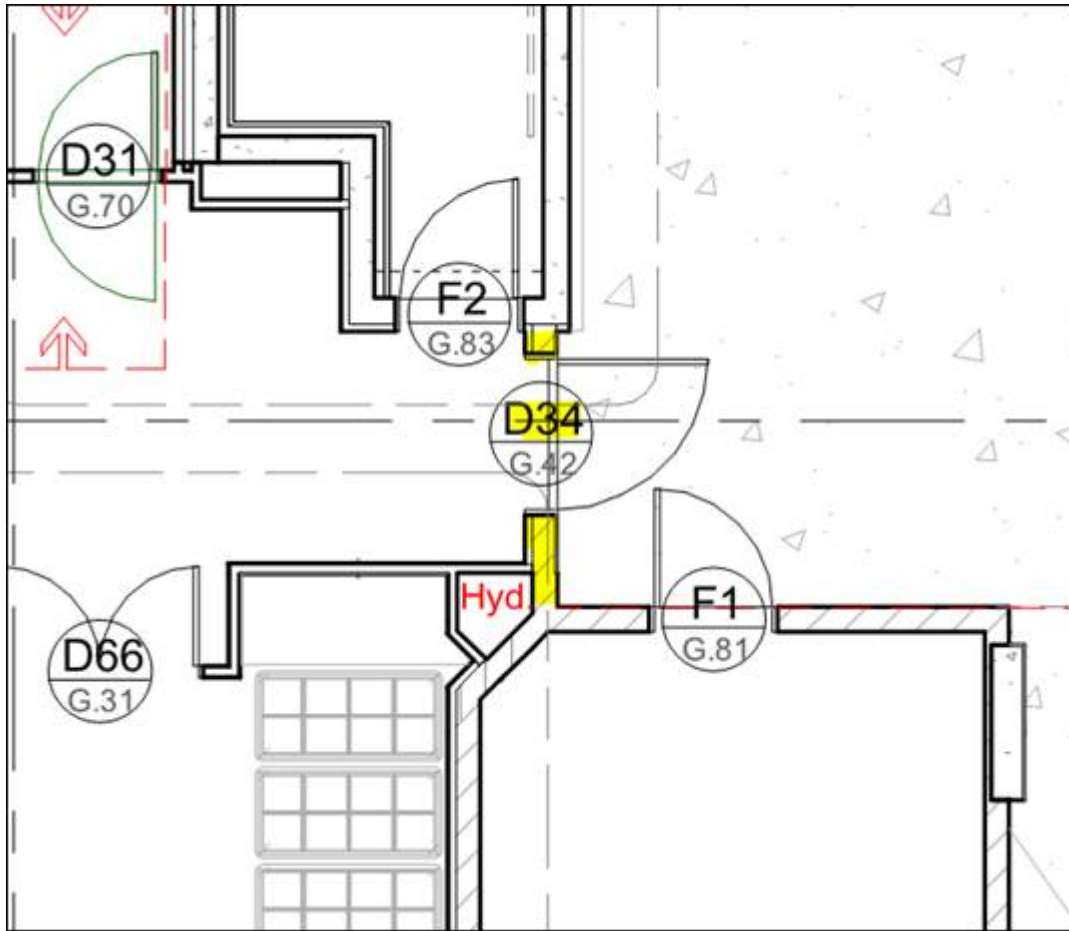
We have a query regarding the door and wall which forms the junction of the internal back of house area and the loading bay.

Our take it the D34 door does not need to be fire rated, and however we are unsure on the surrounding wall. The wall itself has an FRL but we believe this is inherit in the structural requirements.

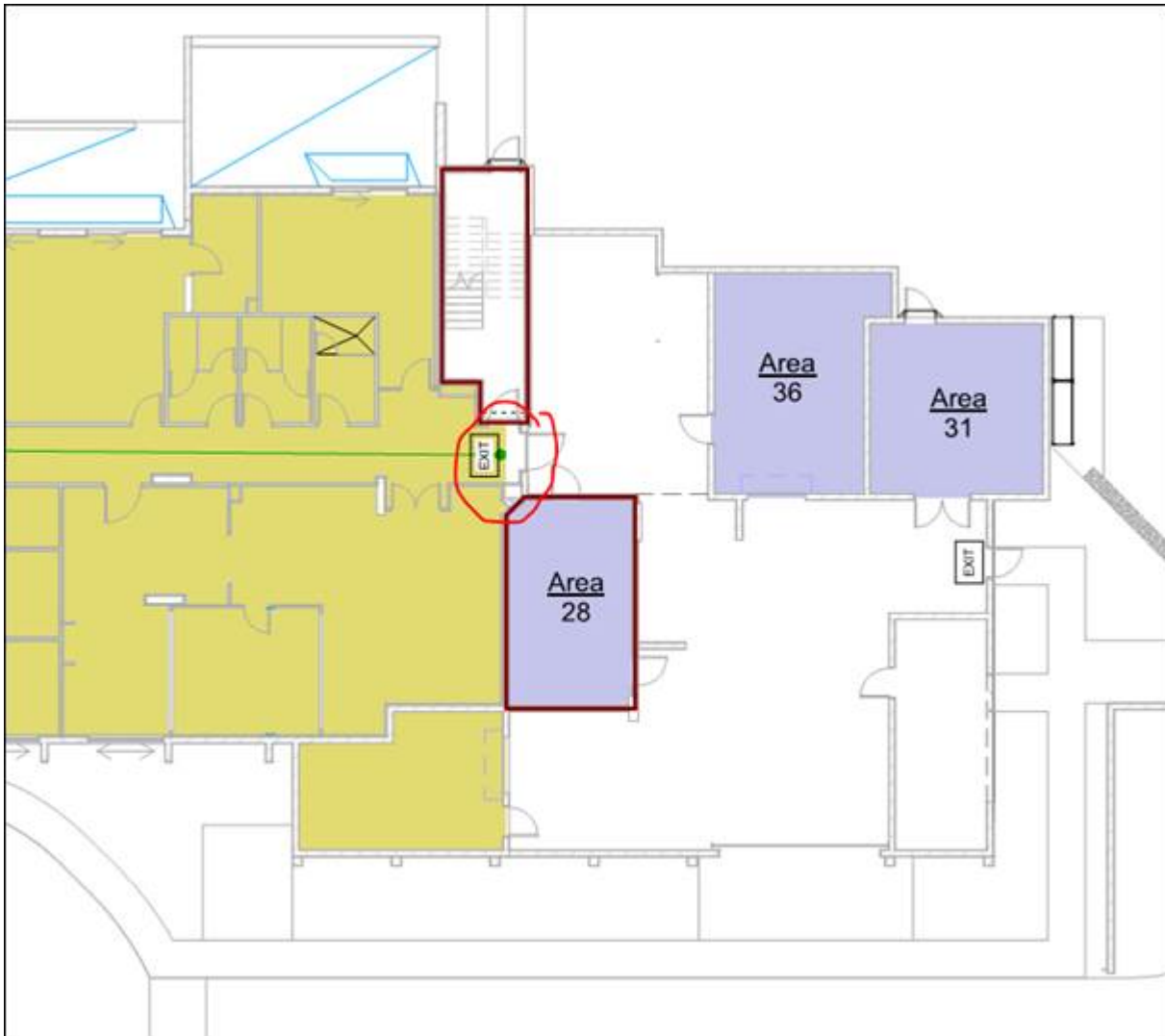
Michael Hemmings take on it is: *It would need a structural fire resistance if it is part of the structure of the building. Other than that it shouldn't need one as I see it.*

We have services running through this wall (above the door) and are unsure if these need to have passive fire treatment, smoke treatment, or none at all (other than vermin / weatherproofing).

Can you confirm that if services are passing through this wall (above the door) what treatment do they require?



Compartmentation Plan – no fire rating line at the Exit door location.



Callum Bell
Design Manager

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/// safety first **quality always**

From: Michael Hemmings <michael@gjgarchitects.com.au>
Sent: Wednesday, 19 April 2023 11:24 AM
To: Callum Bell <Callum.Bell@mcnab.net.au>
Cc: 22066 McNab - Rockpool Pelican Waters <mailbox.22066@mcnab.net.au>; Ashley Lowe <Ashley.Lowe@mcnab.net.au>; Adrian Wyatt <Adrian.Wyatt@mcnab.net.au>; Craig Gillard <craig@gjgarchitects.com.au>
Subject: RE: Rockpool Pelican - Loading bay Exit Door FRL

It would need a structural fire resistance if it is part of the structure of the building. Other than that it shouldn't need one as I see it.



Michael Hemmings

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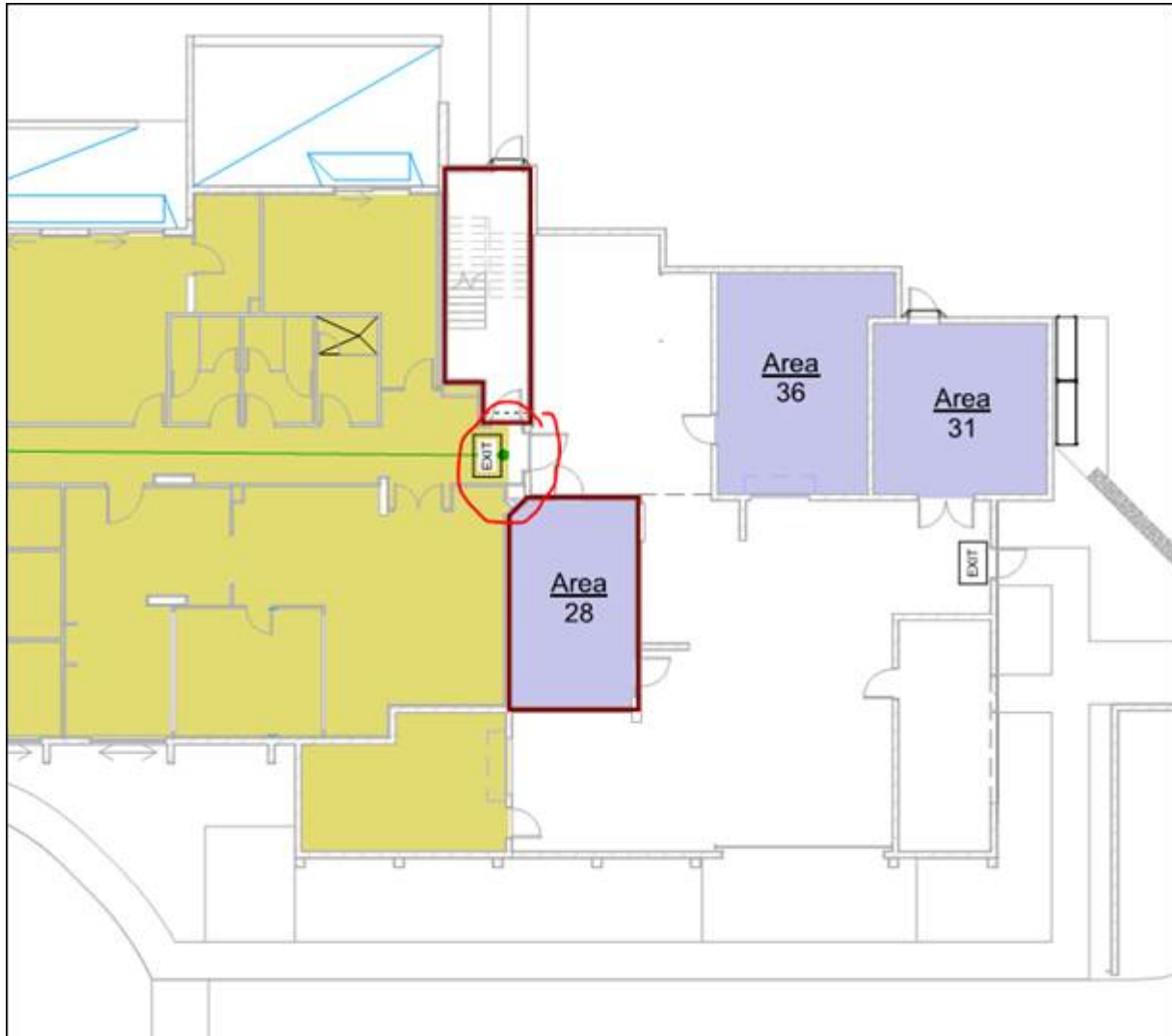
🌐 gjgarchitects.com.au

From: Callum Bell <Callum.Bell@mcnab.net.au>
Sent: Wednesday, April 19, 2023 11:23 AM
To: Michael Hemmings <michael@gjgarchitects.com.au>
Cc: 22066 McNab - Rockpool Pelican Waters <mailbox.22066@mcnab.net.au>; Ashley Lowe <Ashley.Lowe@mcnab.net.au>; Adrian Wyatt <Adrian.Wyatt@mcnab.net.au>; Craig Gillard <craig@gjgarchitects.com.au>
Subject: RE: Rockpool Pelican - Loading bay Exit Door FRL

Hi Michael,

Is the wall itself considered a fire wall? The wall types calls it up as 32, which has an FRL, however is this just for the wall portion that is the Switchboard room.

With the compartmentation plan, are we interpreting this correctly as being the end of the internal compartment and therefore needs Fire rating?



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From: Michael Hemmings <michael@gjgarchitects.com.au>
Sent: Tuesday, 18 April 2023 3:45 PM
To: Callum Bell <Callum.Bell@mcnab.net.au>
Cc: 22066 McNab - Rockpool Pelican Waters <mailbox.22066@mcnab.net.au>; Ashley Lowe <Ashley.Lowe@mcnab.net.au>; Adrian Wyatt <Adrian.Wyatt@mcnab.net.au>; Craig Gillard <craig@gjgarchitects.com.au>
Subject: RE: Rockpool Pelican - Loading bay Exit Door FRL

Hi Callum,

I am not aware of any reason for this door to be fire rated.



Michael Hemmings

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From: Callum Bell <Callum.Bell@mcnab.net.au>
Sent: Tuesday, April 18, 2023 3:14 PM
To: Michael Hemmings <michael@gjgarchitects.com.au>
Cc: 22066 McNab - Rockpool Pelican Waters <mailbox.22066@mcnab.net.au>; Ashley Lowe <Ashley.Lowe@mcnab.net.au>; Adrian Wyatt <Adrian.Wyatt@mcnab.net.au>; Craig Gillard <craig@gjgarchitects.com.au>
Subject: Rockpool Pelican - Loading bay Exit Door FRL

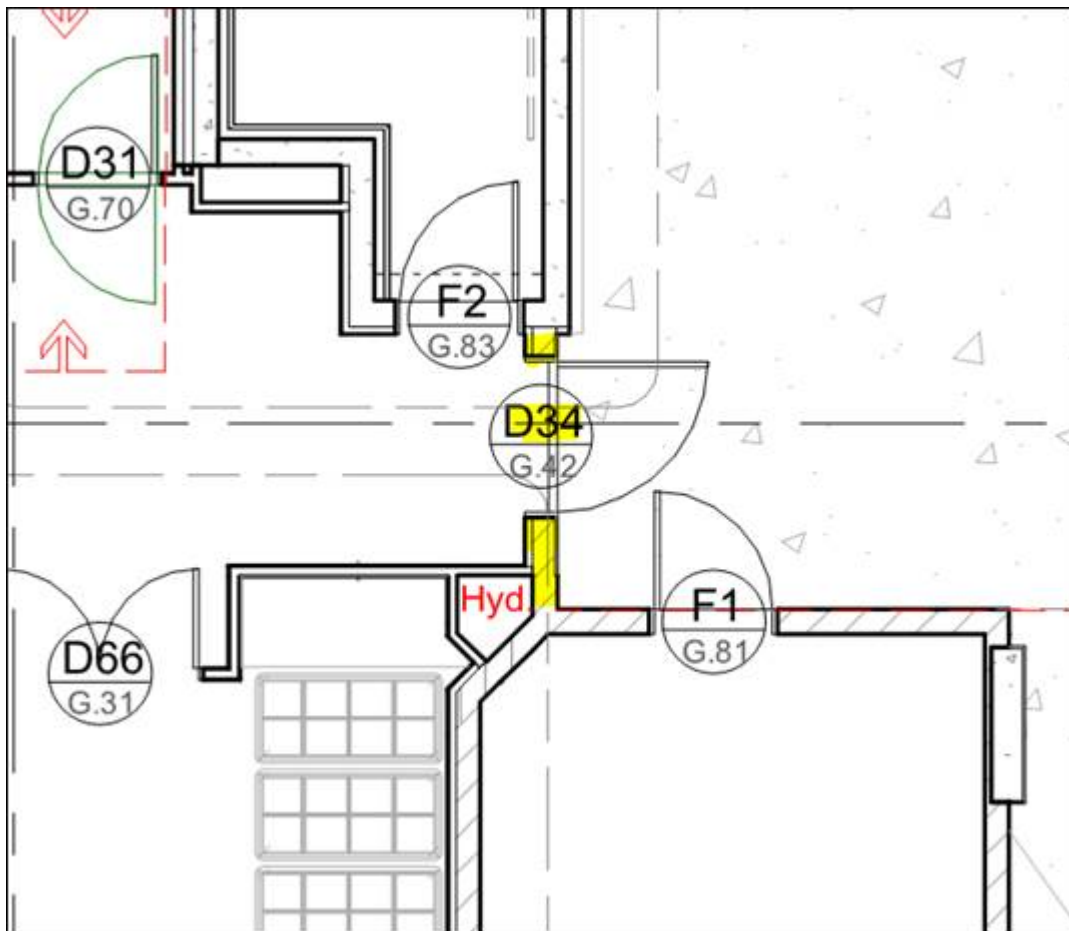
Hi Michael / Craig,

I believe this was raised back during the design stage but id like to confirm if the Loading bay door (D34) and wall requires a fire rating?

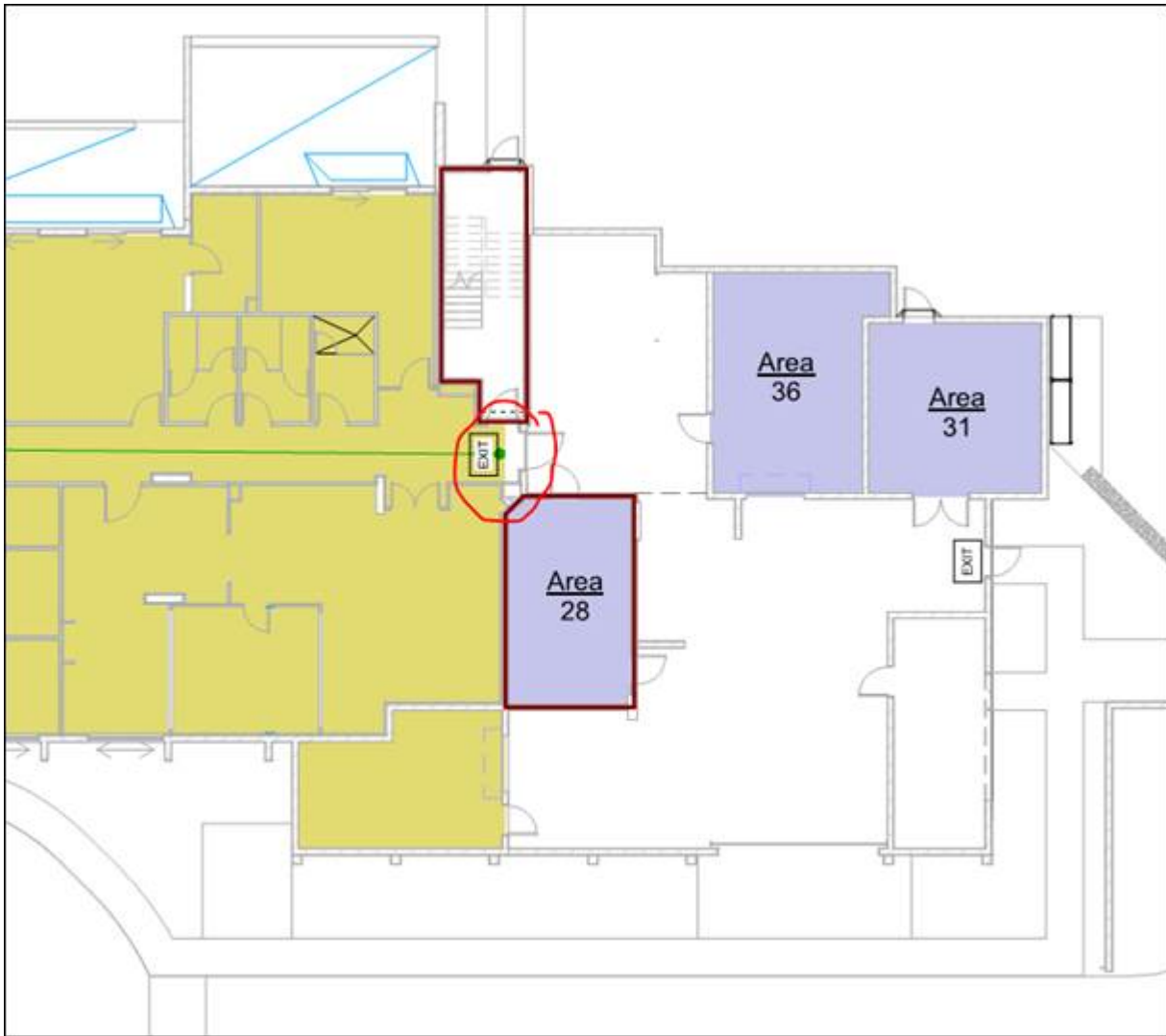
The door itself is called up a standard door in the Door schedule, however the Wall Types drawing has wall type 32 with an FRL.

Can you please confirm as the door and frame installed is currently not fire rated, and there are mechanical services above the door which may / may not need passive fire treatment.

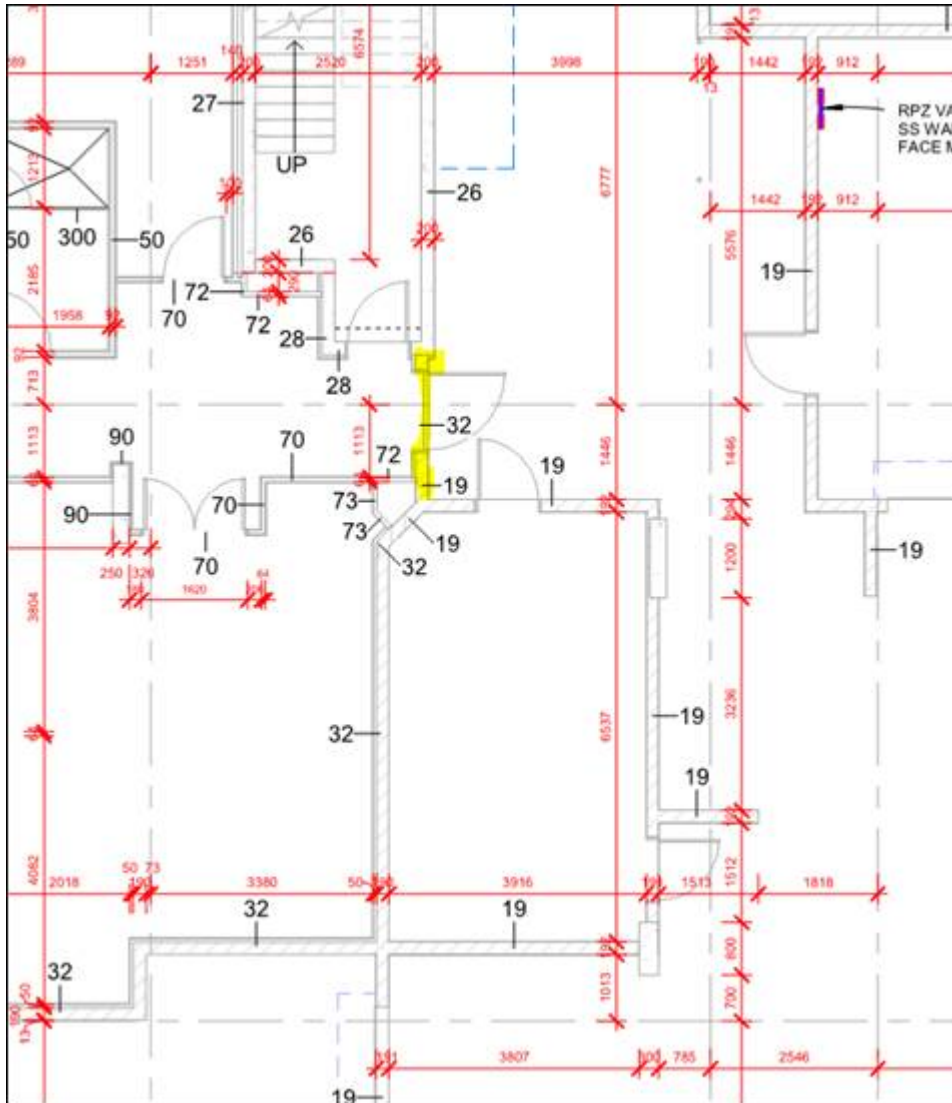
I believe at Carseldine this wall was not fire rated.



Compartmentation Plan – no fire rating line at the Exit door location.

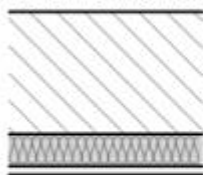


Wall types plan and legend calls up FRL:



32

EXTERIOR / SWITCH ROOM



INTERIOR

Thermal insulation
Acoustic insulation
Fire Resistance

190mm concrete block, core filled

50mm steel stud, 50mm R1.2 insulation batts 11kg/m³

13mm plasterboard (13mm Aquachek within wet areas;
9mm FC within kitchen; 13mm ECO8 Complete to
1200mm above FFL, 13mm plasterboard
over to corridors)

Total wall R value: As per JV-3 Report

As per acoustic report

120/-/- (120/120/120 within switch room and
120/60/60 where bounding external stairs)

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