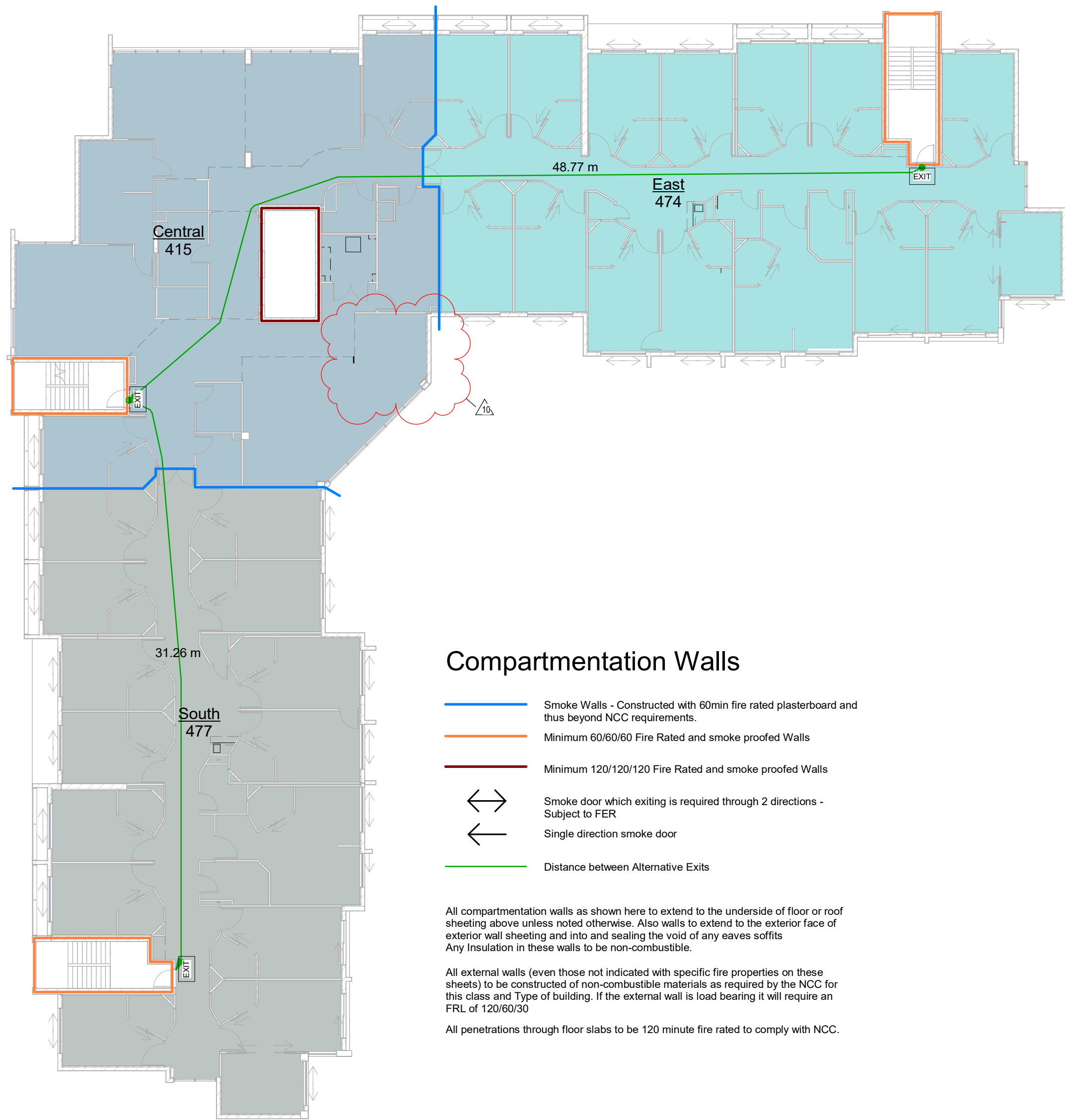




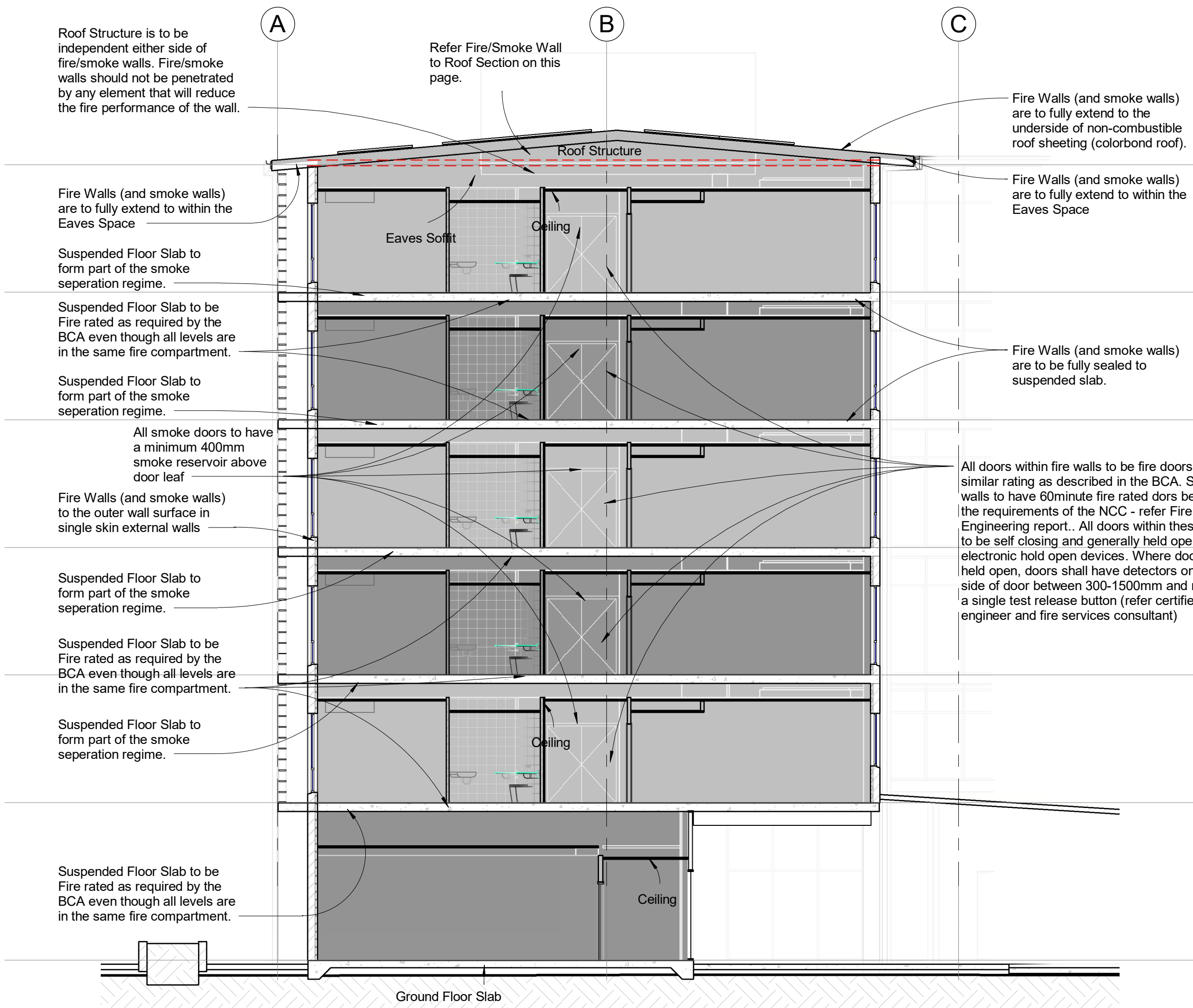
Compartmentation Walls

- Smoke Walls - Constructed with 60min fire rated plasterboard and thus beyond NCC requirements.
- Minimum 60/60/60 Fire Rated and smoke proofed Walls
- Minimum 120/120/120 Fire Rated and smoke proofed Walls
- Smoke door which exiting is required through 2 directions - Subject to FER
- Single direction smoke door
- Distance between Alternative Exits

All compartmentation walls as shown here to extend to the underside of floor or roof sheeting above unless noted otherwise. Also walls to extend to the exterior face of exterior wall sheeting and into and sealing the void of any eaves soffits. Any insulation in these walls to be non-combustible.

All external walls (even those not indicated with specific fire properties on these sheets) to be constructed of non-combustible materials as required by the NCC for this class and Type of building. If the external wall is load bearing it will require an FRL of 120/60/30.

All penetrations through floor slabs to be 120 minute fire rated to comply with NCC.



Hatched Area Indicates the Conceptual Cross Sectional Extents of the Fire and Smoke Walls.

Fire Walls also to be fully smoke sealed.

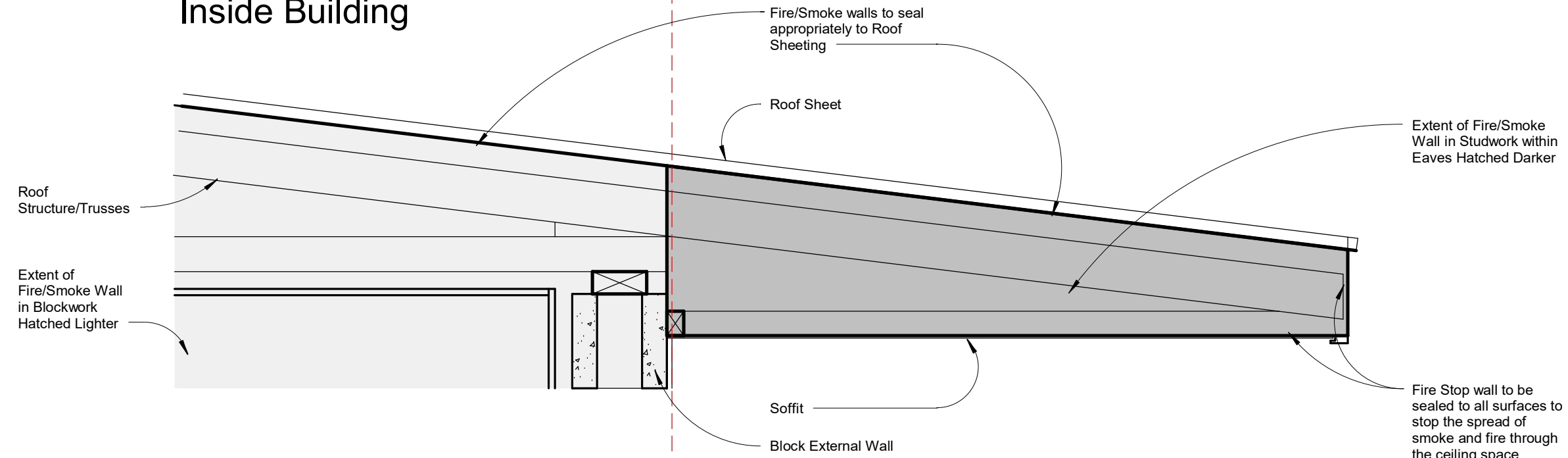
Generally Fire walls to be constructed of Blockwork or appropriate fire rated plasterboard system in accordance with manufacturers written specification including all edge and joint detailing. Compliance of installation to be fully certified by installer. Smoke Walls to be fully smoke sealed non-combustible sheeted (plasterboard or other approved).

Any Insulation in Fire and Smoke walls to be non-combustible.

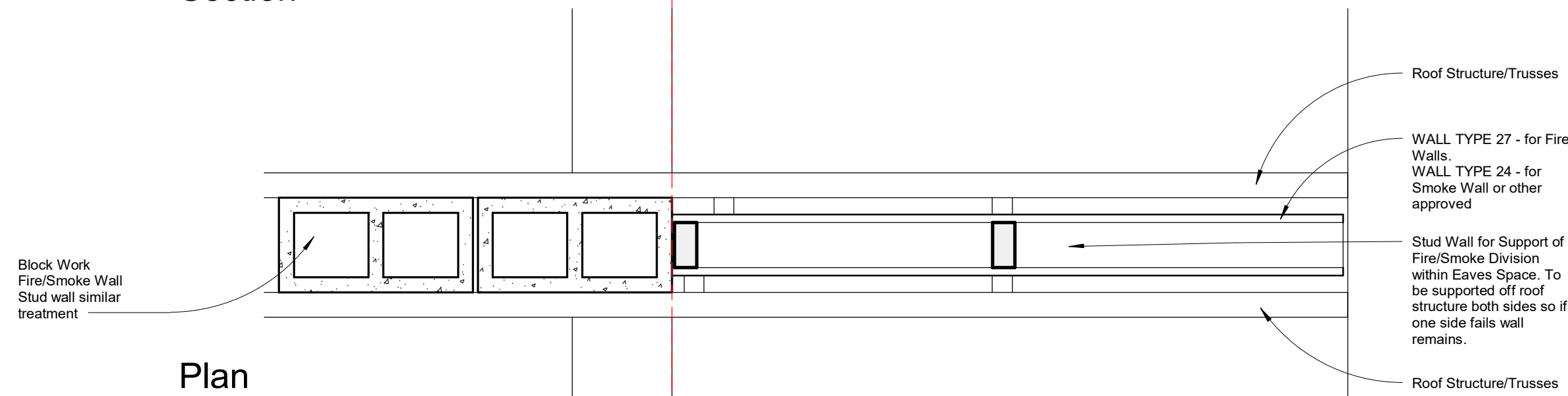
1 Compartmentation - L5 1 : 200

Eaves Space

Inside Building



Section



Plan

4 Compartmentation Eaves Treatment 1 : 10

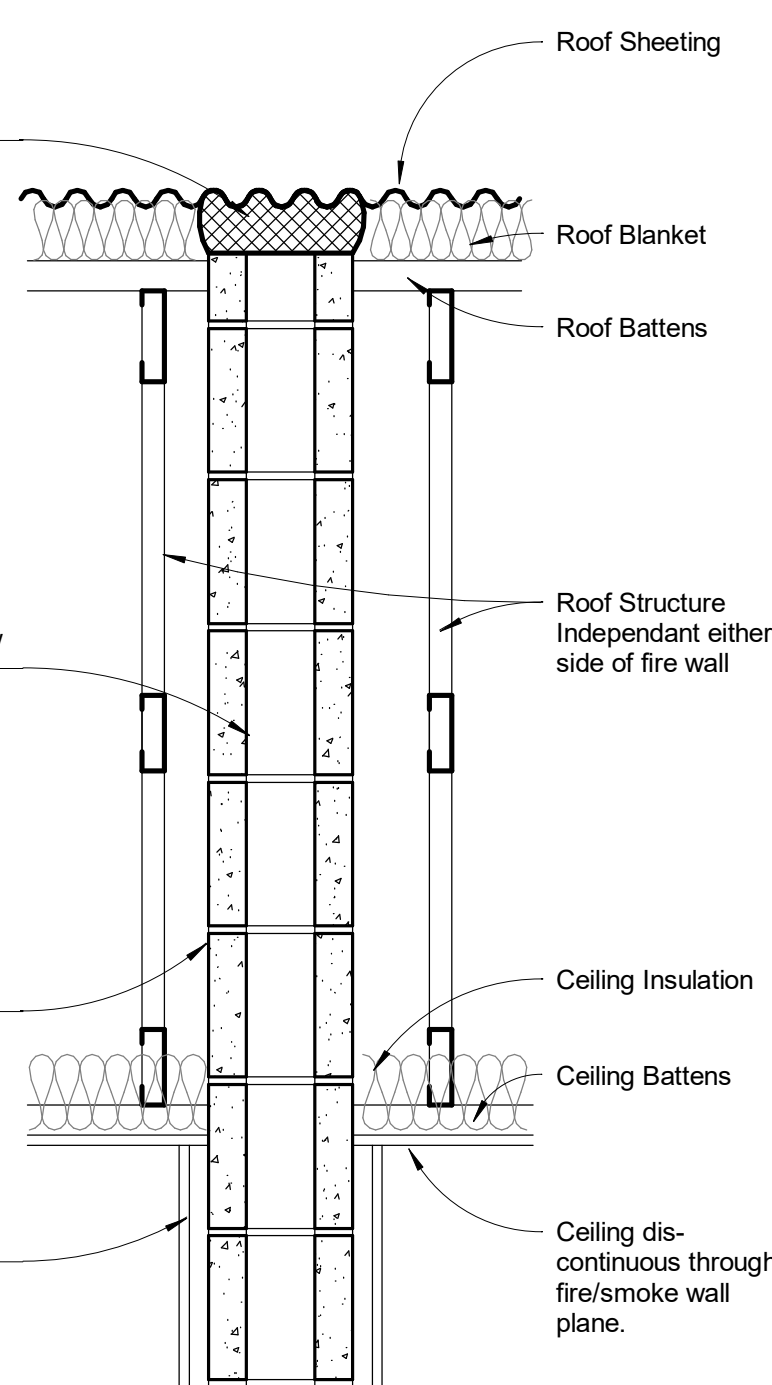
Fire Pillow or other approved fire stop between top of fire/smoke wall and bottom of non-combustible roof sheeting.

Core Filled Concrete Block Wall to achieve fire rating requirements. Wall also to be fully smoke resistant and smoke sealed. Wall to Provide continuous protection above and below ceiling line

Any penetrations through the fire walls to be fully smoke and fire sealed around penetration and penetrating material to be appropriate for fire/smoke resistance. All ductwork through fire walls to be fully smoke/fire dampered as well as sealed

Wall sheeting on furring channels

2 Top of Fire Wall 1 : 10



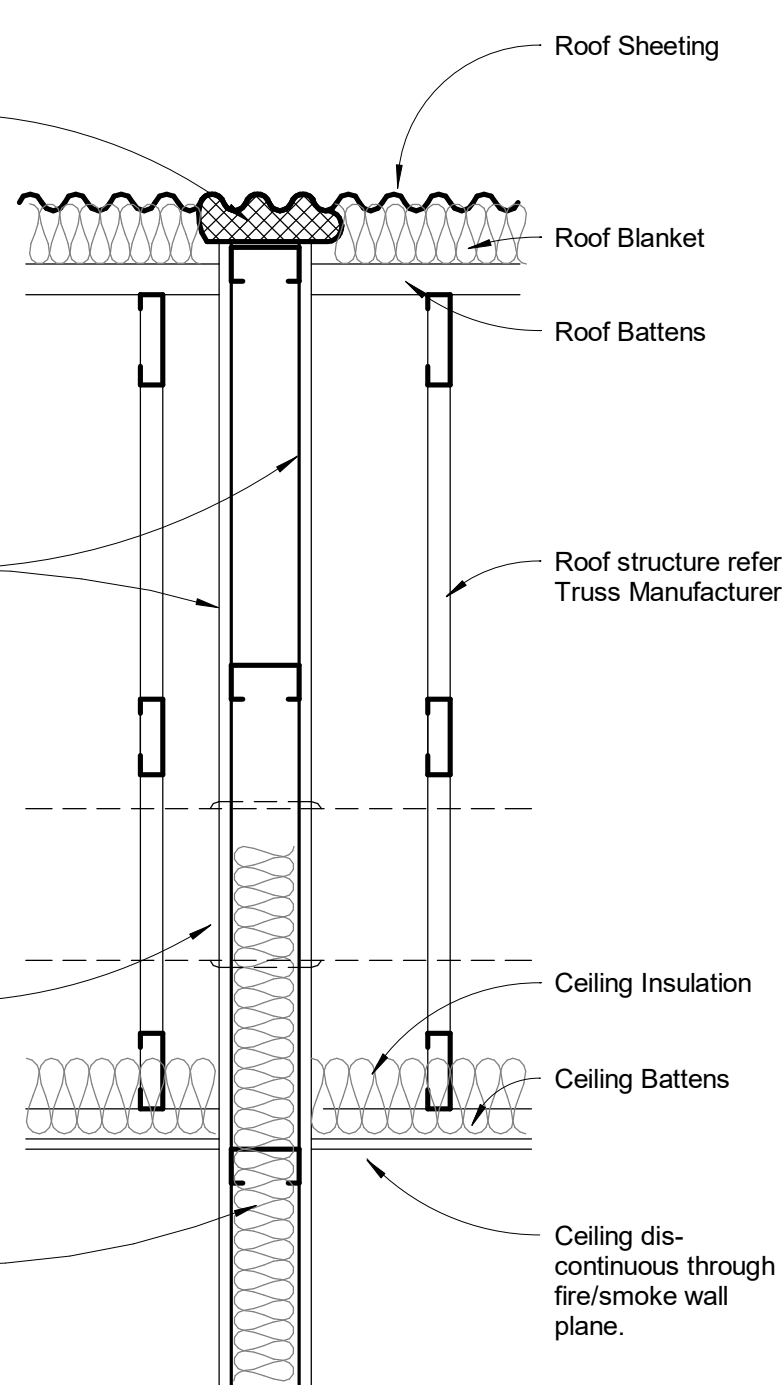
Smoke resistant Caulking between top of smoke wall sheeting and underside of roof.

Steel framed Plasterboard clad Smoke Wall. Continuous both below and above ceiling and through eaves

Any penetrations through the smoke walls to be fully smoke sealed around penetration and penetrating material to be appropriate for smoke resistance. All ductwork through smoke walls to be fully smoke dampered as well as sealed

Insulation where required (non-combustible)

3 Top of Smoke Wall 1 : 10



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Project
Pelican Waters ACF

Client
Rockpool

Issue	Date	Amendment
10	22.12.22	Lvl 5 quiet rm. del. for open space. D11/5.80 del. Serv'y south alt. Frm'g d/m's ad ducts
9	17.08.22	IFC gen updates per other or more detailed plans
8	6.12.21	Tender Issue
7	2.11.21	Prelim DD Issue 2 - Struct Update
6	18.10.21	Prelim DD Issue 1
5	30.09.21	Prelim 4
4	1.07.21	SD Revised

Drawing Title L5 Compartmentation	Drawing Number 20-12- A-1.33
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Scale As indicated @ A1 original

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