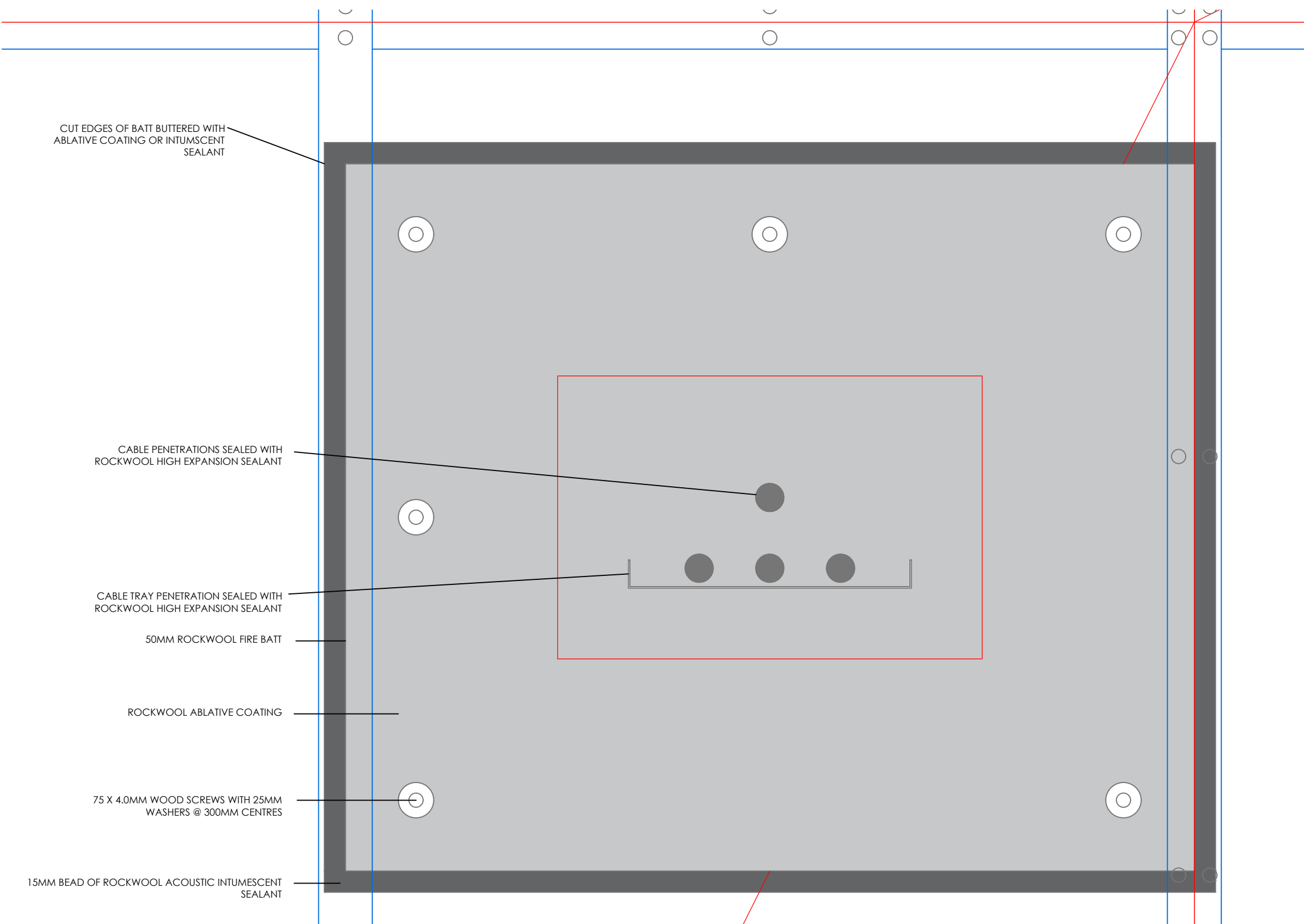
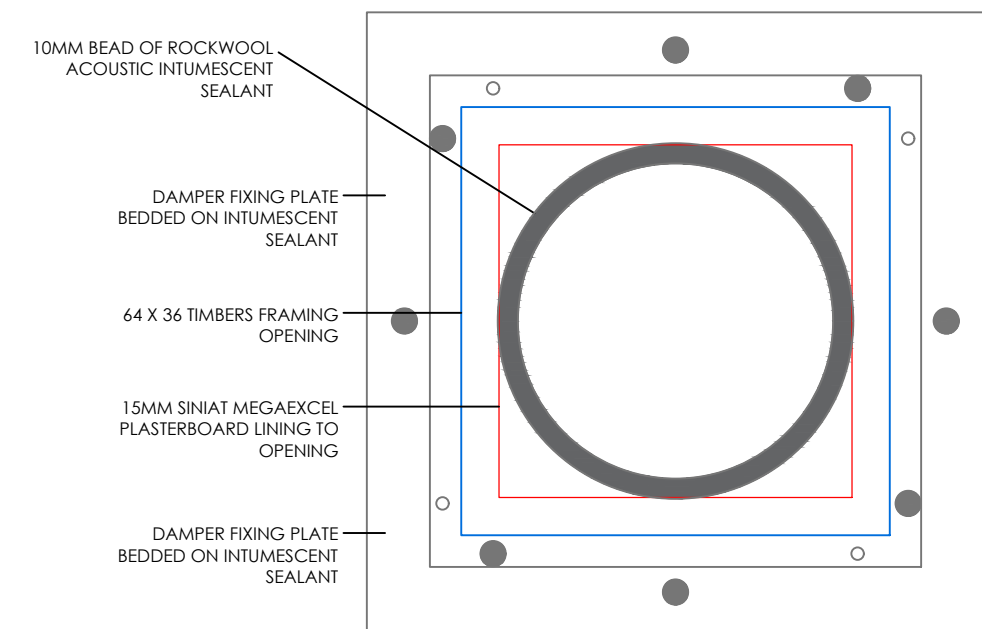
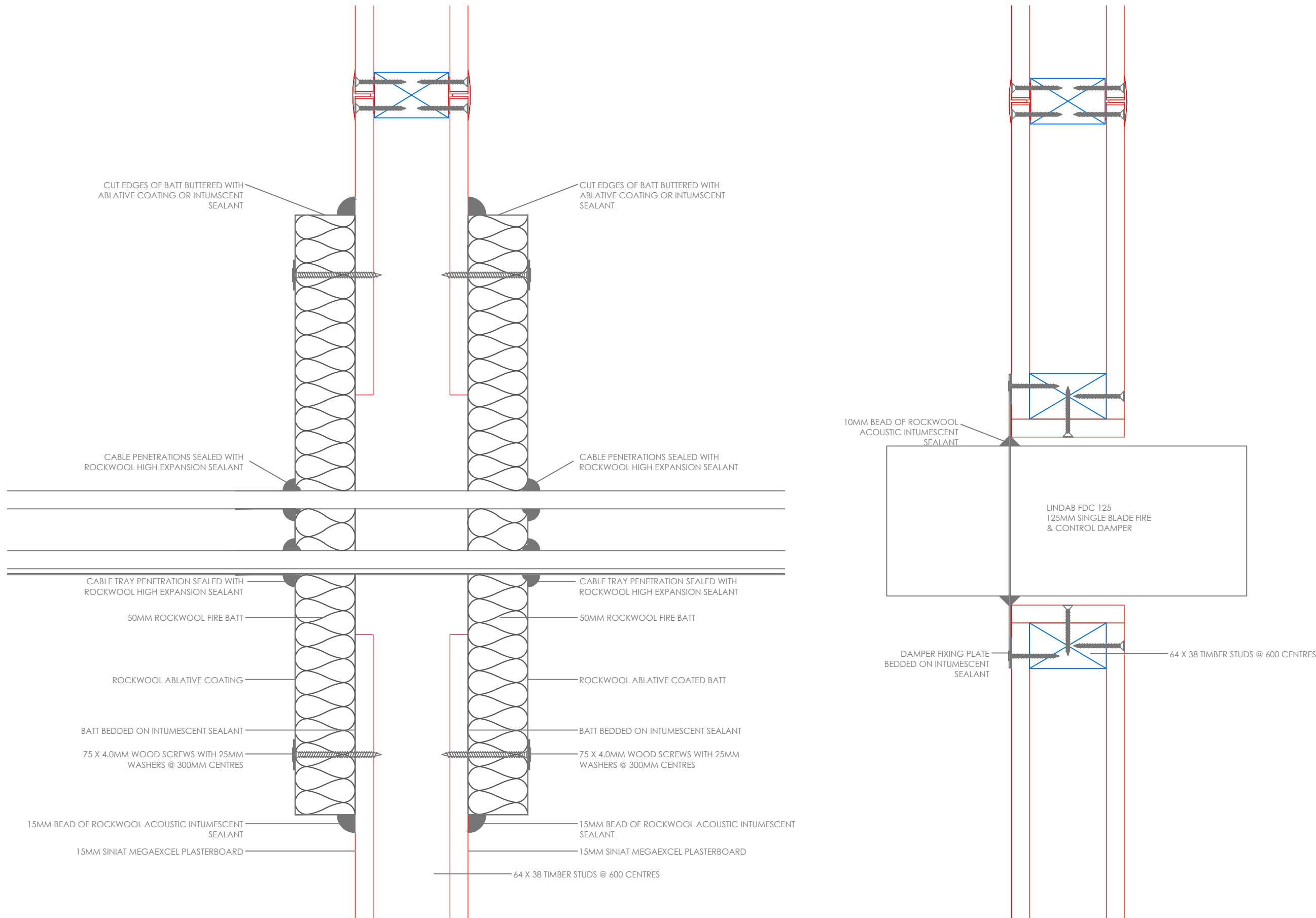
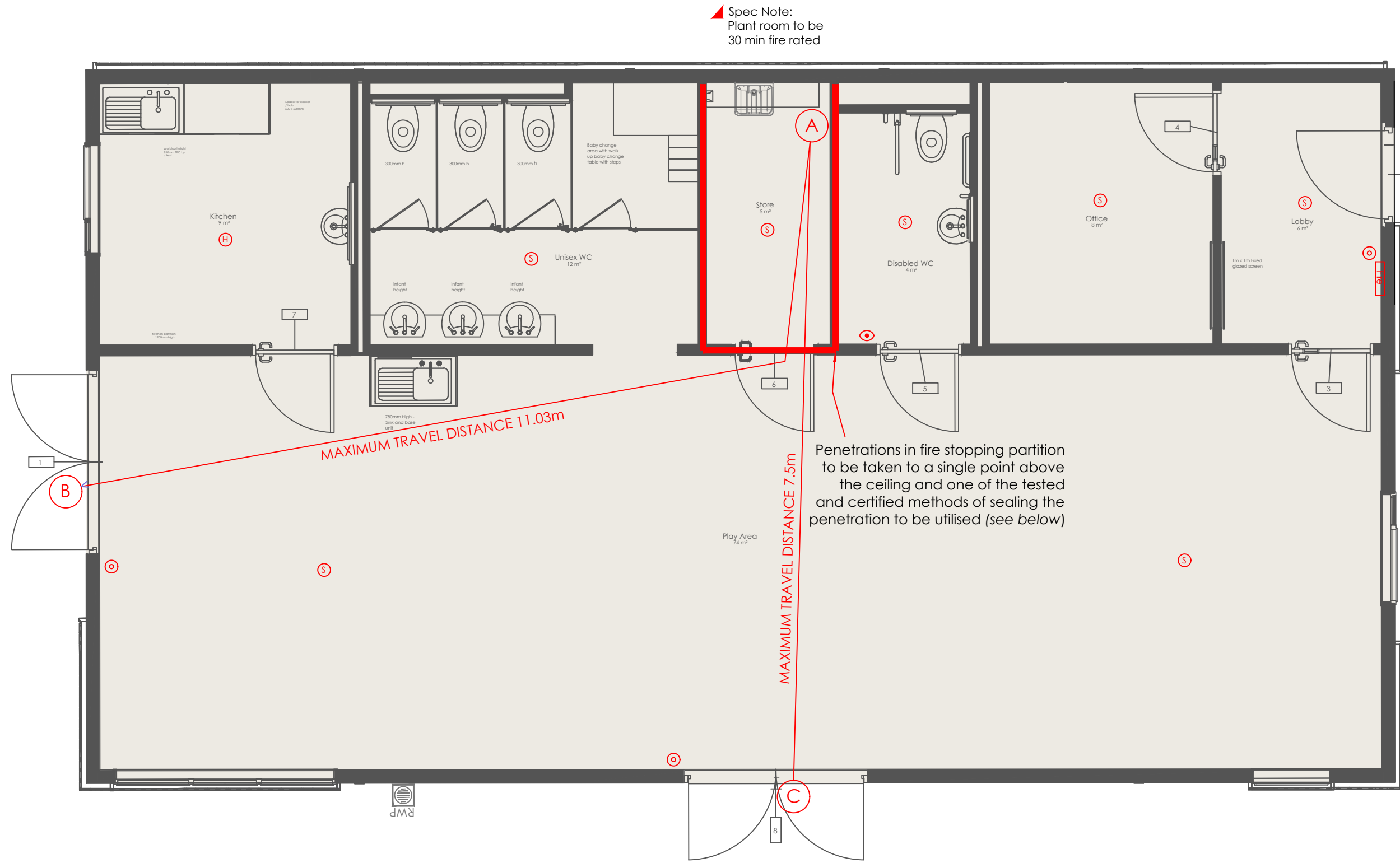




Door Schedule												
Mark	Type	Door Width	Cylinder Lock	Indicator ball	Fire Rating	Door Closer	Disabled Fitting	Intumescent Strip s+F	Kick Plate	WC Sign	Fire Door Sign	Push Bar Emergency Release
1	Ext-Double-Part M 4LVP-2070mm x 2040mm	226	panic latch	No		No	No	No	No	No	Yes	Yes
2	Ext-Part M LVP-1038	1038	euro with turn	No		Yes	No	No	No	No	No	No
3	FD30 VP 226	226	euro with turn	No		Yes	No	No	Yes	No	No	No
4	FD30 VP 226	226	euro with turn	No		Yes	No	No	Yes	No	No	No
5	Disabled 215	226	indicator ball	Yes		No	Yes	No	Yes	Yes	No	No
6	FD30 Blank 226	226	euro with turn	No	FD30	No	No	Yes	Yes	No	Yes	No
7	Ash 226 Half Door	226	indicator ball	No		No	No	No	Yes	No	No	No
8	Ext-Double-Part M 4LVP-2070mm x 2040mm	226	panic latch	No		No	No	No	No	No	Yes	Yes

FIRE STRATEGY NOTES:

- Section 0 - PURPOSE GROUPS:
5 Assembly and Recreation
- Section 2 - DESIGN FOR HORIZONTAL ESCAPE
Table 2.1 Limitations on travel distance
3 No exits
max travel distance in more than one direction for Assembly and Recreation type buildings is 45m
max travel distance is 11.8m from the Store

Table 2.2 Minimum number of escape routes
Max number of peoples using the building will be 40 No.
from Table 2.2 the minimum number of exits for 40 peoples is 1 No. (building has 2 No.)

Table 2.3 Width of escape routes and exits
Max number of people using the building that could pass through an escape route is 40 No.
from Table 2.3 the minimum width of any escape route or door to be 750mm.
- SECTION 2.24 PROTECTED CORRIDORS
The following corridors that serve as part of a means of escape should be a protected corridor;
- every corridor that serves a bedroom
- every dead end corridor (a dead end corridor exists where the direction of escape in one direction becomes greater than the max distance in Table 2.1 - 18m in this case)
- Any corridor shared by 2 or more occupancies / users

SECTION 2.25 ENCLOSURE OF CORRIDORS THAT ARE NOT PROTECTED CORRIDORS
Corridors used as a means of escape but NOT a protected corridor should meet the following to inhibit spread of smoke:
a. Partitions to continue to underside of plasterboard, roof, or suspended ceiling.
b. openings into rooms from the corridor should be fitted with doors which do NOT need to be fire door sets

SECTION 2.26 DIVISION OF CORRIDORS
A corridor providing access to alternative escape routes should be divided by fire doorsets in the following conditions;
a. the corridor is more than 12m long
b. it connects 2 or more final exits
any cavity above the separating partition / door should be suitably fitted with a cavity barrier or fire resisting construction

In summary the building does not require the corridor to be protected as it does not fit the criteria above. The corridor partitions will continue to the underside of the roof.
- SECTION 8.7 PLACES OF SPECIAL FIRE HAZARD
Fire resisting construction enclosing these places should achieve minimum REI 30. These walls and floors are not compartment walls and compartment floors.
Places of special hazard can be defined as the following;
- Switch Gear Room
- Electrics cupboard
- Plant room
- Place for storage of flammable materials
- kitchen where food preparation takes place
- Boiler room

The Electrics cupboard will have 30 mins FR from in to out and a FD30s door set with intumescent strip, and 'Fire door keep shut' door sign. Any penetrations to be suitable fire stopped using a suitably tested and certified construction method.

- SECTION 9 CAVITIES
Extensive cavities within buildings of greater than 20m should be separated with cavity barriers or partitions with 30 mins FR. Any doors within compartmental partitions should be FD30s, and penetrations within the partition to be suitable fire stopped using a suitably tested and certified method.

The building does not have any extensive cavities as it is less than 20m in any direction, no compartmental partitions or cavity barriers are therefore required.



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the possibilities are endless.....

Rev	Description	Date

Building Specification:

PROJECT
Rhostyllen Single Classroom

TITLE
Fire Strategy Plan

CLIENT
Wrexham BC

DRAWN BY RC	CHECKED BY JG	DATE 19/10/2021
SCALE (@ A1) NTS	PROJECT NUMBER 200315	REV
200315-ELT-00-00-DR-1005		
STATUS: I		
A=Approval P=Production T=Tender I=Information		