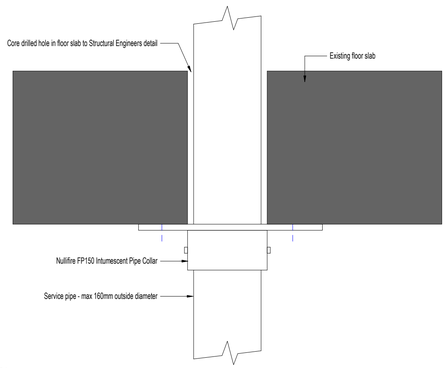
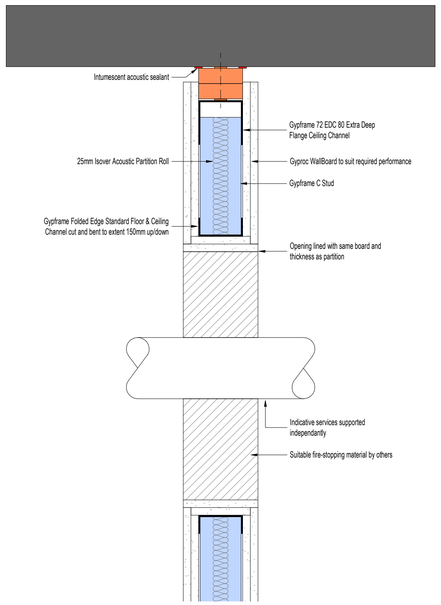
Pipe Work Penetrations -'Building Regulation'
Fire Stop & Seal Through Slab - Intumescent Pipe Collar

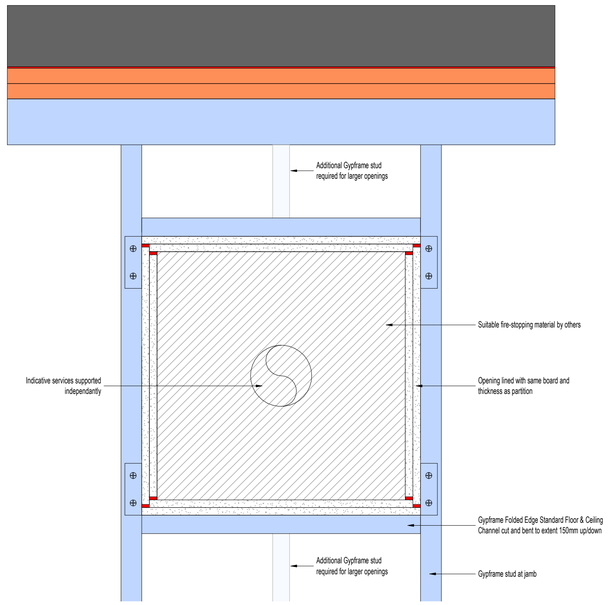


Note :
Pipe Collar available to suit pipe sizes up to 160mm outside diameter.
Intumescent Collar to be fitted in strict accordance with manufacturers requirements

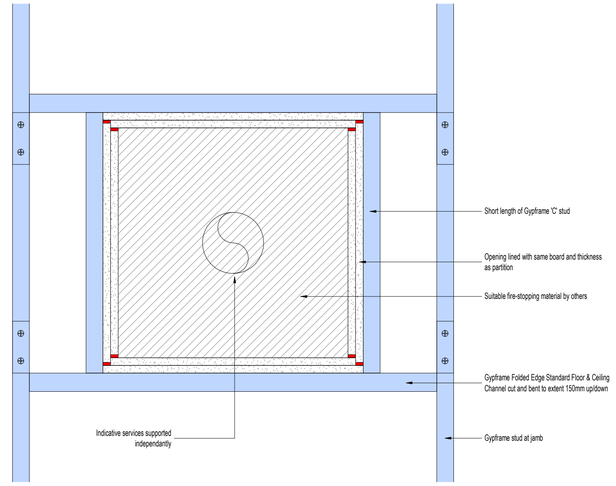
Typical Opening For Services - Section



Typical Medium/Large Openings For Services - Elevation



Typical Small Opening For Services - Elevation

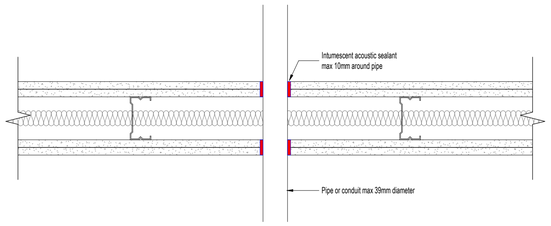


Construction (Design and Management) Regulations

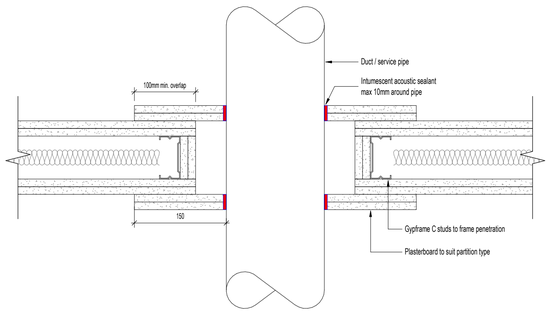
Design risk assessments are carried out throughout the design stage of this project in accordance with company procedures and manuals. Where reasonably possible all areas of risk applicable to design and end use of the construction have been identified and then eliminated, mitigated or recorded as a residual risk. Note that general risks of which a competent designer or contractor should be aware are not included. This drawing is to be read in conjunction with the Pre-construction Information and all related documents prepared in accordance with the current Construction (Design and Management) Regulations 2015 and all applicable Health and Safety legislation as currently amended.

Service penetrations of Fire Rated Partitions

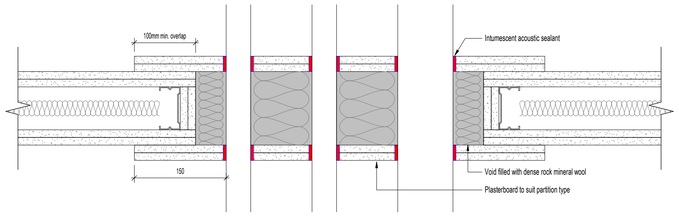
Service pipe penetrations up to 39mm



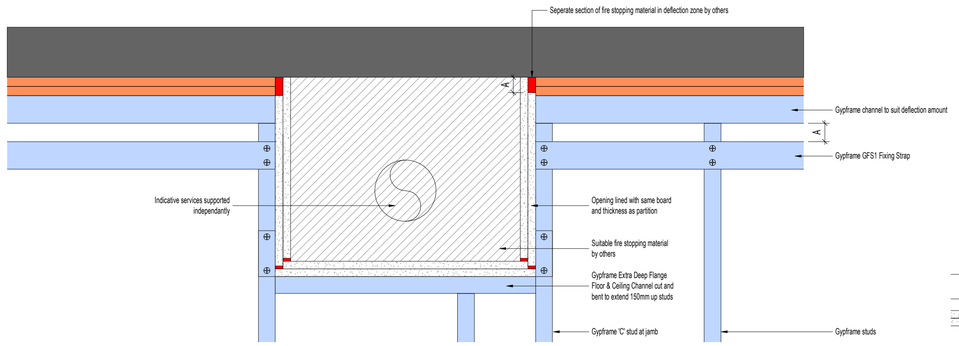
Service pipe penetrations larger than 39mm



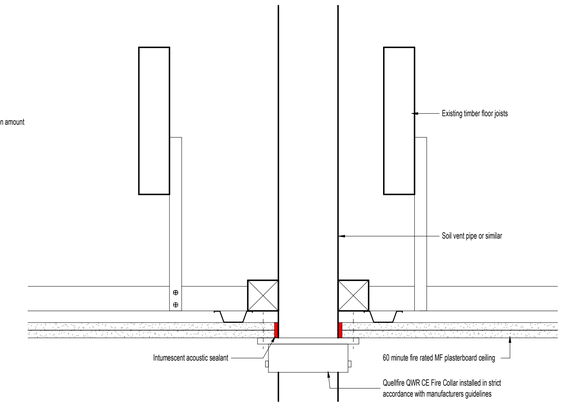
Multiple pipe penetrations



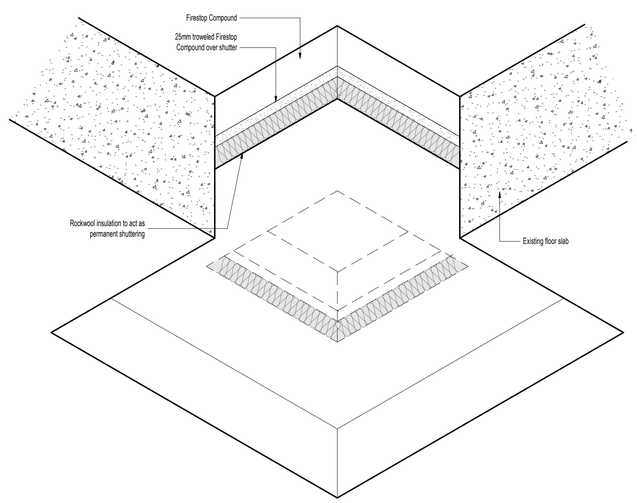
Typical Services Penetration at Soffit Detail



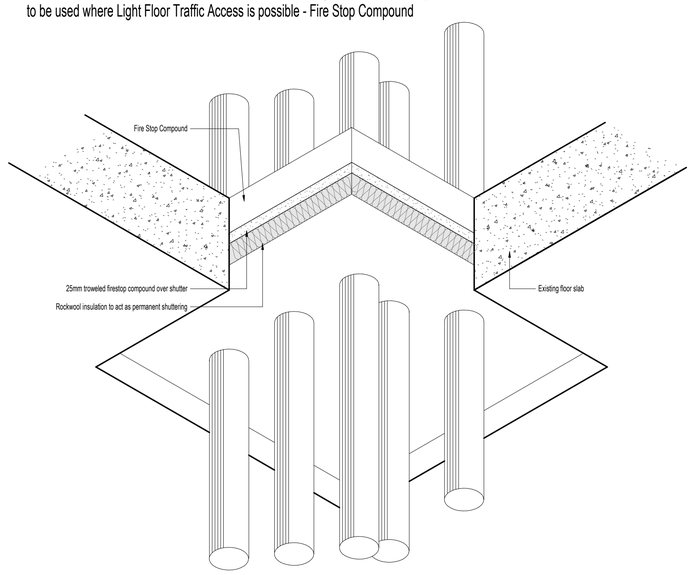
Typical Pipe Penetration through Fire Rated Plasterboard Ceiling and Timber Floor



Service Penetration of Fire Rated Floor - **Non-Loadbearing, Closed Riser**
Only to be used where Light Foot Traffic Access is Possible.



Service penetration of Fire Rated Floor - **Non Load Bearing, Closed Riser** Only
to be used where Light Floor Traffic Access is possible - Fire Stop Compound



P00 Stage 4 issue | JT | CB | CB 12/11/2024
REV DESCRIPTION | DRAWN BY | CHECKED BY | APPROVED BY DATE

RIBA PLAN OF WORK WORKSTAGE: Stage 4 - Technical Design
LEVEL OF MODEL DEFINITION (LoD): LoD 3 - Approximate Model
PURPOSE OF ISSUE - SUITABLE FOR ...: Tender
STATUS OF SUITABILITY: NA - Not Applicable

lawray architects

CARDIFF 029 2052 8140
LONDON 0207 138 3560
WREXHAM 01978 357 887
www.lawray.co.uk

CLIENT
Wrexham County Borough Council

PROJECT TITLE
Wrexham Old Library

DRAWING TITLE
Internal Partitions - Services Penetrations Details

PROJECT No 20045
SCALE @ A1 1 : 5

DRAWING No (BS1192:2007 +A2:2018 & BS EN ISO19650): WOL-LAW-X-X-DR-**A-220006**
REVISION **P00**

Print Date: 14/11/2024 20:55:58

File Name: Autodesk Docs://20045_RefurbOldLibrary/WOL-LAW-X-X-M3-A-000002_Building.rvt

DO NOT SCALE Any discrepancy or query concerning this drawing should be referred to the Architect
Copyright © LAWRAY LIMITED
Registered Office: Greenmeadow Springs, 1 Cae Gwyrdd, Tongwynlais, CARDIFF CF15 7AB
Reg. Co. No. 2724178, VAT Reg. No. 134 2146 06