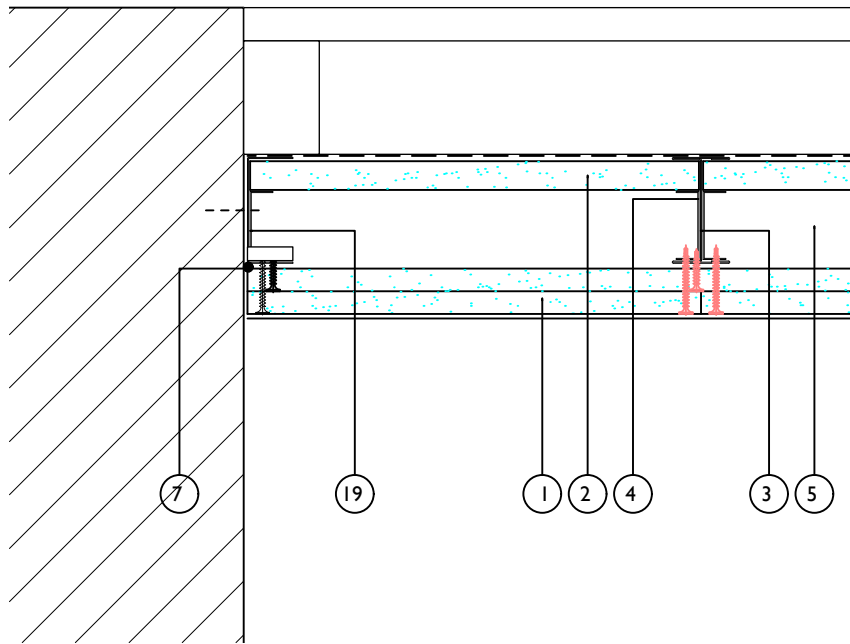
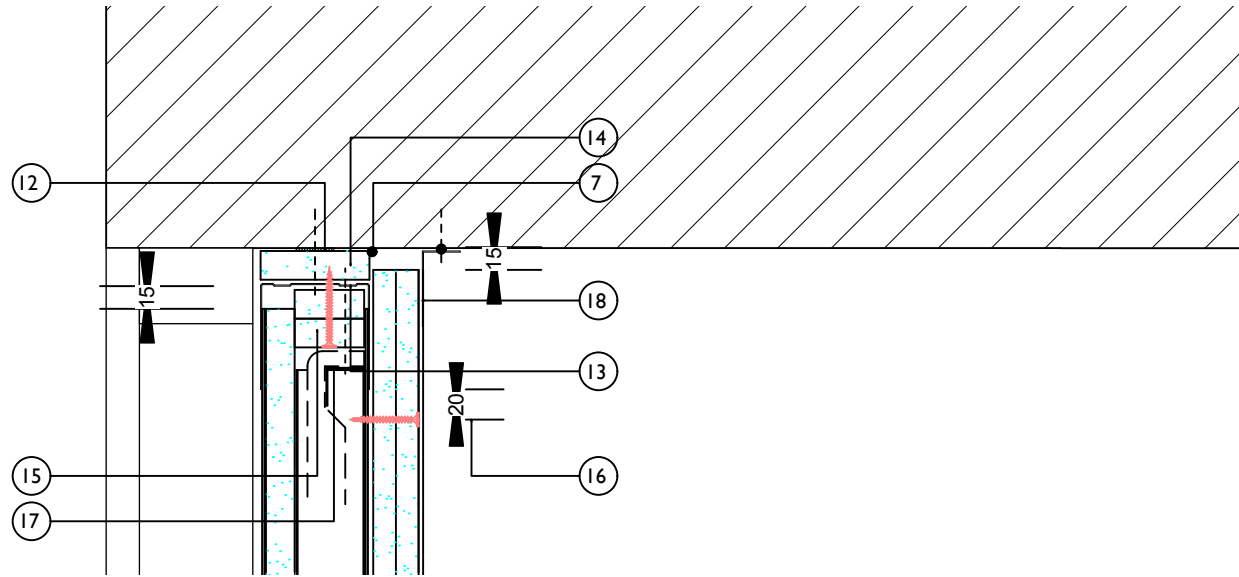


Note:

See NBS Clause K10/125



2

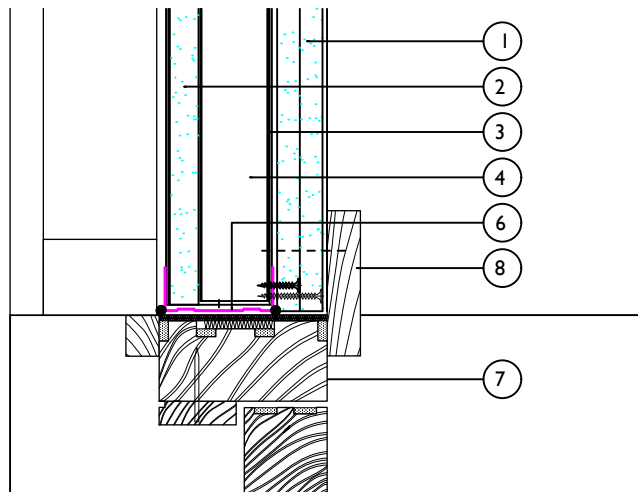
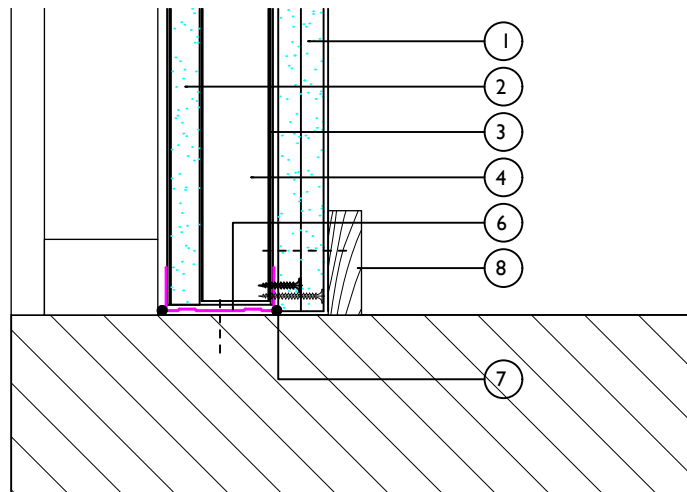
Shaftwall Head detail

Scale: 1:5

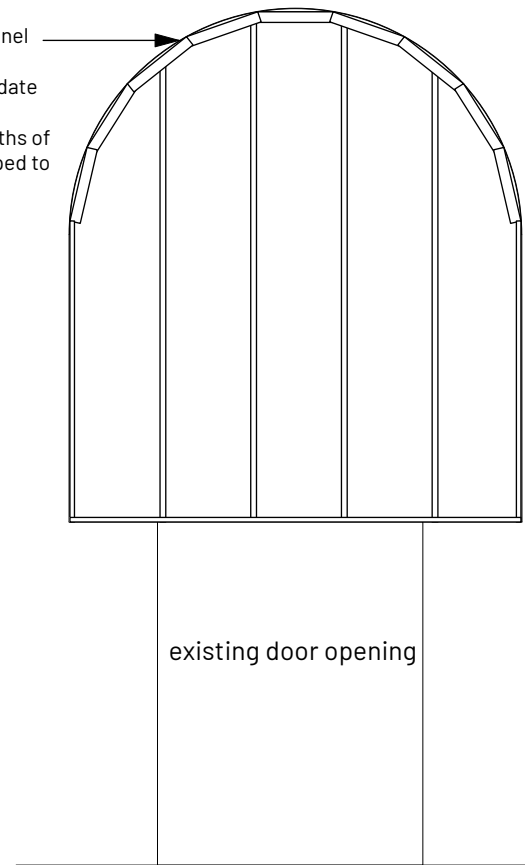
5

Shaftwall Abutment Detail

Scale: 1:5



Flanges of head channel
cut at 500mm max.
centres to accommodate
arch profile and fixed
through 500mm lengths of
Gyproc Firestrip shaped to
suit profile



3

Shaftwall Base Detail

Scale: 1:5

PINs A1SB-115A, A1SB-115B, A1SB-116A
and A1SB-116B (Compartmentation)
PINs A2SB-115, A2SB-116 (Doors)

60 mins fire rated
Acoustic rating - n/a
NBS Clause K10/127

4

Shaftwall Base Over Door Detail

Scale: 1:5

6

Typical Arch Shaftwall Framing

Scale: 1:50

Shaft Wall

British Gypsum System Ref :A306002 (B) MR 1 EN

o/a thickness inc. 3mm skim - 93mm

- 1 layer 12.5mm Gyproc Moisture Resistant Fireline over 1 layer 12.5mm Gyproc Fireline fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- Gypframe 'I' studs (146mm tabbed 'I' studs) at specified centres
- Gypframe Retaining Channel
- Insulation OMITTED
- Gypframe Channel suitably fixed to floor at 600mm centres (in 2 lines staggered by 300mm for 94mm & 148mm channels). Gypframe Deep Channel used for heights between 4200mm & 8000mm.
- Gyproc Sealant for optimum sound insulation
- Indicative skirting
- Gypframe GFS1 Fixing Strap to support outer layer horizontal board joints
- Gypframe GA3 Steel Angle at horizontal joint & secured by retaining channel at each end
- 122mm high strip of 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase bedded on 2 continuous beads of Gyproc Sealant & fixed to angle with 3 no. suitable British Gypsum screws
- Gyproc FireStrip shaped to suit arch profile
- Gypframe Extra Deep Channel (62mm 'J' Channel) suitably fixed through fire stop to soffit at 300mm centres (at 600mm centres in 2 lines staggered by 300mm for 94mm & 148mm channels)
- Channel width strip of 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 2 no. 36/46/68/122mm width (to suit 60/70/92/146mm studs) fire stops cut from 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase, installed between studs & fixed to channel with 2 no. suitable British Gypsum screws
- Uppermost board fixing to studs
- Gypframe Steel Angle or timber batten suitably fixed to channel where required
- Gypframe GA4 Steel Angle bedded on continuous bead of Gyproc Sealant & suitably fixed to soffit at 600mm centres (for optimum sound insulation if required by specifier or acoustic consultant)
- Gypframe Starter Channel (146mm Tabbed Starter Channel) suitably fixed to wall at 600mm centres (in 2 lines staggered by 300mm for 92mm & 146mm starter channels)

REV | NOTE | DRN/CHK

Science and Industry
Museum
Fire Works

New Wall Details -
Sheet 7

PROJECT REF. 2002
DRWG NO. T(416)
REVISION
SCALE As Noted
DATE 1st May 25
DRAWN PL

SK sketch E existing P proposed T tender C construction FI final issue

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