

# HOFMANN Board

Partition, Ceiling, Enclosure Solution

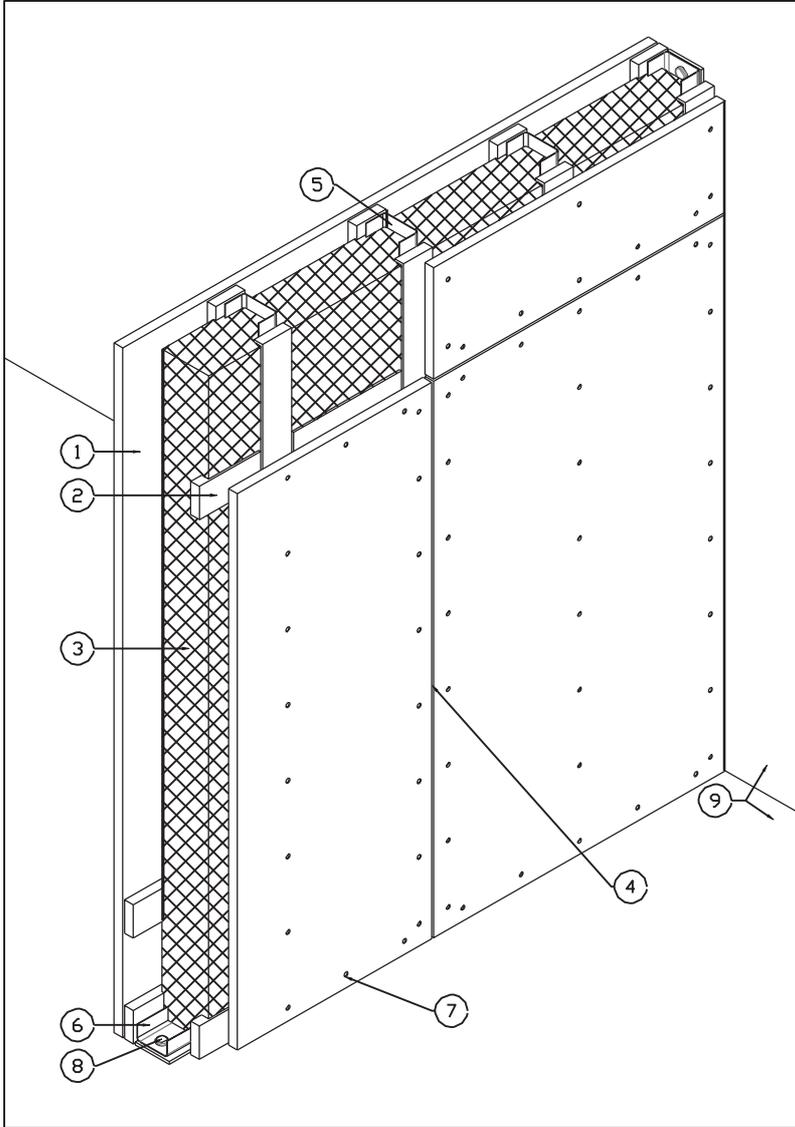


矽酸鈣板。纖維水泥板  
Calcium Silicate Board  
Fiber Cement Board



Detail- 1

# 9mm Thick Fully Insulated Partition Board/ Temporary Hoarding System BS476 Part 22:1987. (FRR -/120/120) Integrity & Insulation



## Drywall Height @ 3m

- ① 9mm VINATHE Calcium Silicate Board
- ② VINATHE cover strip: 100mm x 9mm
- ③ Mineral wool: 75mm x 100kg/m<sup>3</sup>
- ④ Intrumestic sealant to all gaps
- ⑤ Vertical C studs: 0.6mm x 75mm x 50mm at nominal 610mm center
- ⑥ Top & bottom G.I. U Track: 0.6mm x 75mm x 50mm
- ⑦ M4 Drywall screw at 200mm center
- ⑧ M8 Drywall screw at 600mm center

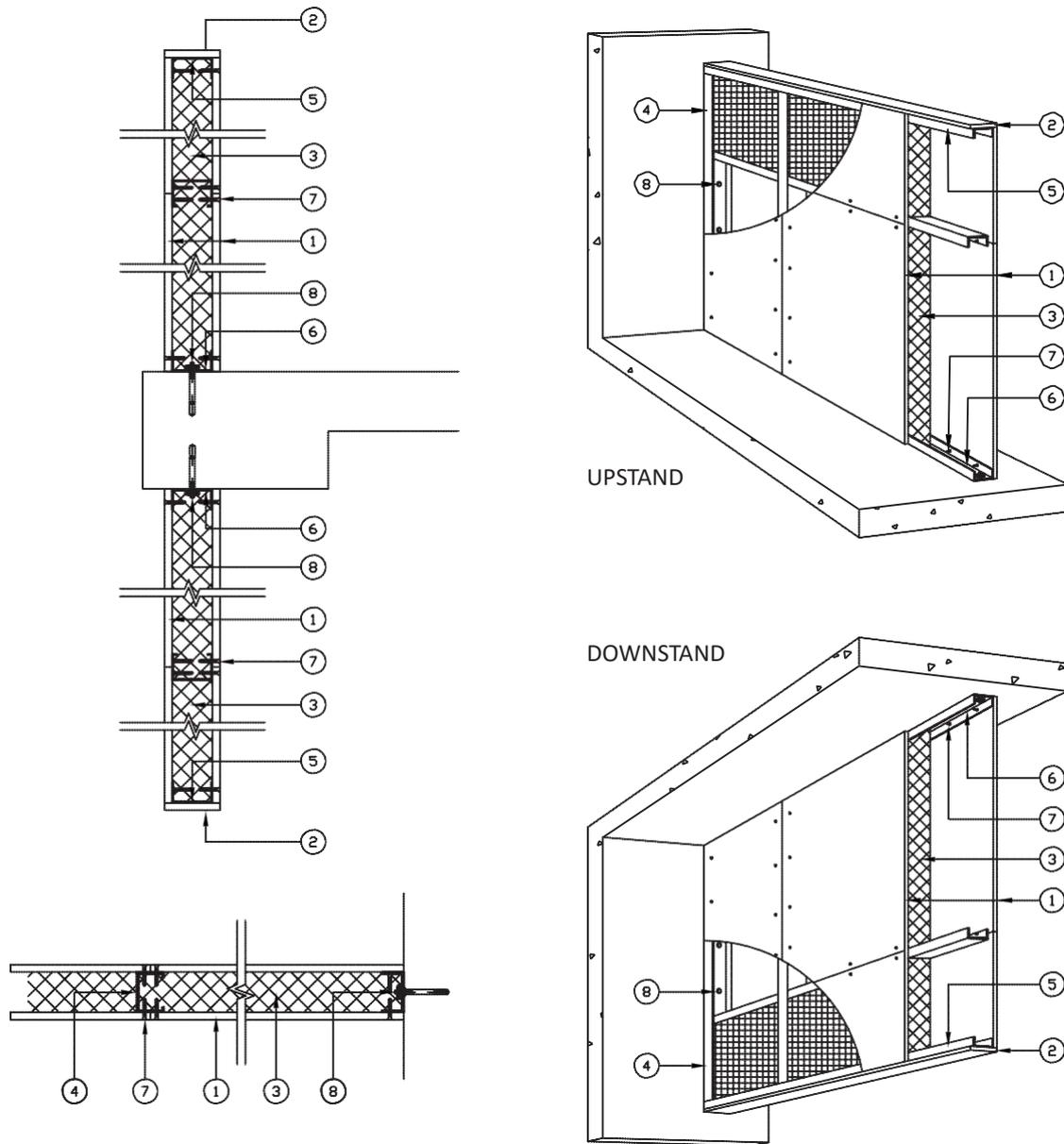
## Temporary Hoarding Height @ 6m

- ① 9mm VINATHE Calcium Silicate Board
- ③ Mineral wool: 100mm x 100kg/m<sup>3</sup>
- ⑤ Vertical C studs: 1.0mm x 100mm x 50mm at nominal 610mm center
- ⑧ M12 Drywall screw at 600mm center

## Hofmann Drywall Partition System

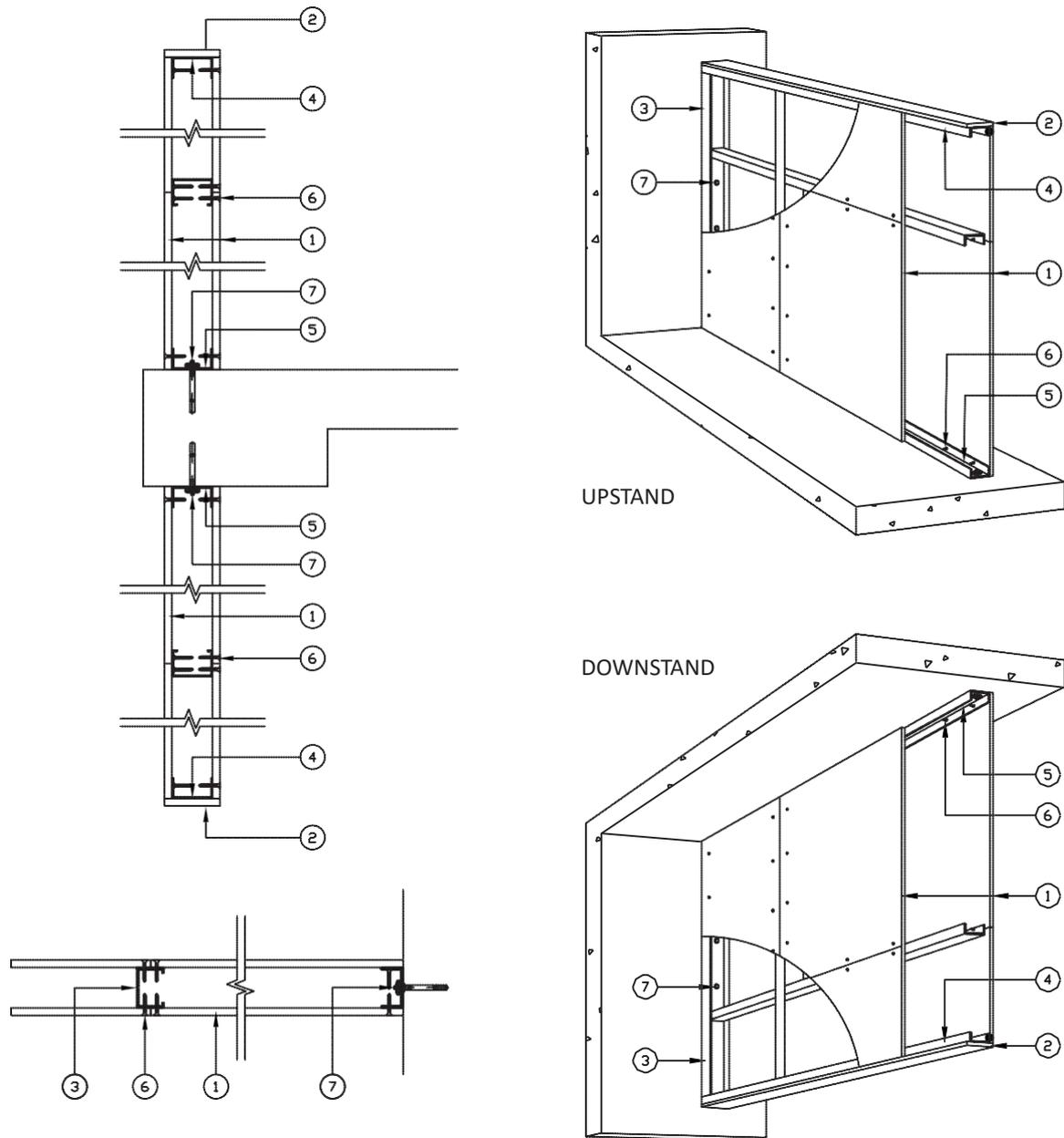
Products Code	Board Thickness	BS476 Part22 FRR	Mineral wool/ Steel stud	Mineral wool Density
VINATHE	9mm	-/120/120	75mm	100kg/m <sup>3</sup>
VINATHE	9mm	-/60/60	50mm	100kg/m <sup>3</sup>

9mm Thick Fire & Smoke Barrier in accordance with  
 BS476 Part 20:1987. (FRR -/120/120)  
 Integrity & Insulation; Max. height @ 1.5m



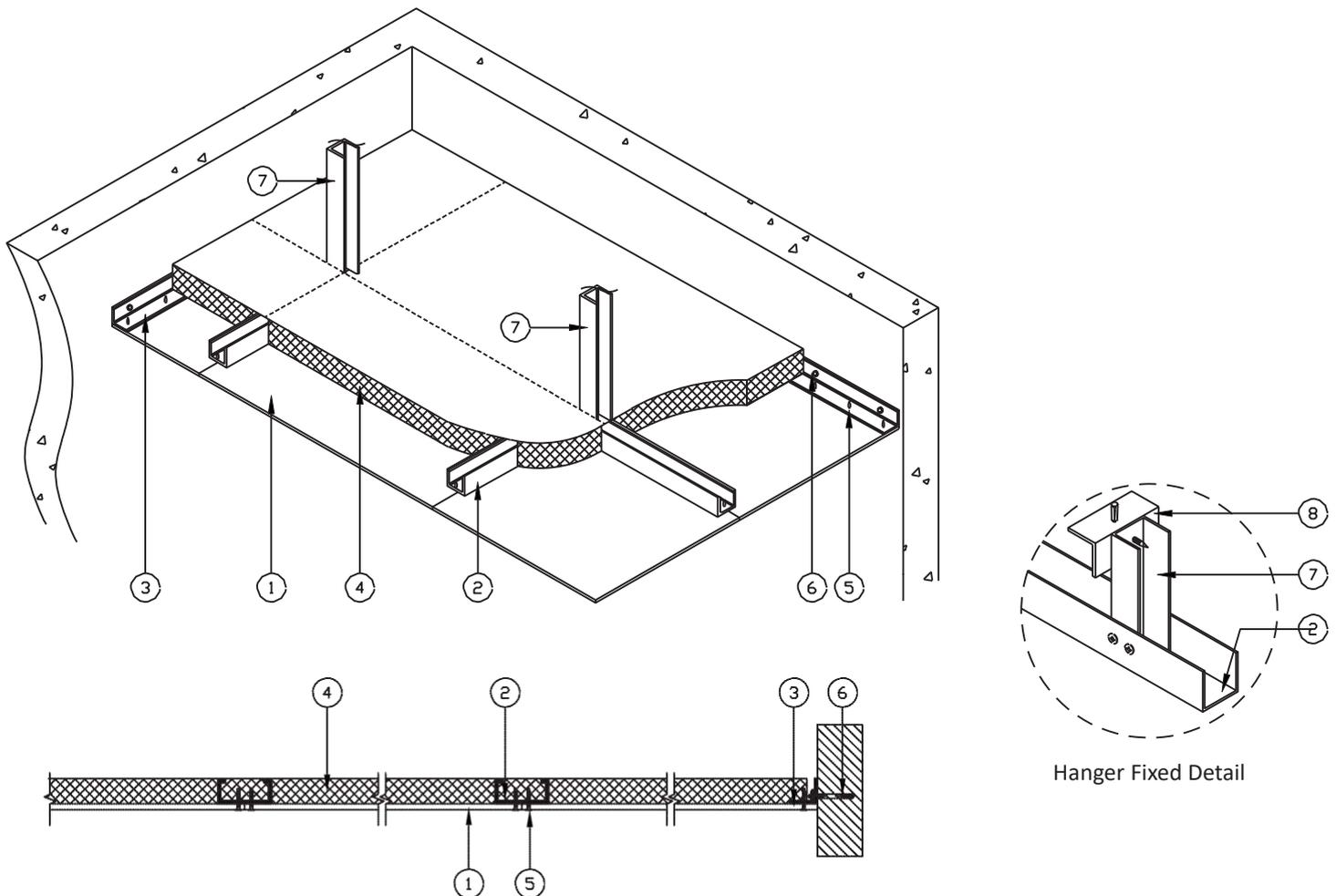
- ① 9mm Hofmann Calcium Silicate Board
- ② Hofmann cover strip: 100mm x 9mm
- ③ Mineral wool: 75mm x 100kg/m<sup>3</sup>
- ④ Vertical C studs: 0.8mm x 75mm x 50mm at nominal 610mm center
- ⑤ Bottom G.I. U Track: 0.8mm x 75mm x 50mm
- ⑥ Top G.I. U Track: 0.8mm x 75mm x 50mm
- ⑦ M4 Drywall screw at 200mm center
- ⑧ M8 steel anchor bolt at 600mm center

9mm Thick Fire & Smoke Barrier in accordance with  
BS476 Part 20:1987. (FRR -/60/-) Integrity only  
Max. height @ 2.4m



- ① 9mm Hofmann Calcium Silicate Board
- ② Hofmann cover strip: 100mm x 9mm
- ③ Vertical C studs: 0.8mm x 75mm x 50mm at nominal 610mm center
- ④ Bottom G.I. U Track: 0.8mm x 75mm x 50mm
- ⑤ Top G.I. U Track: 0.8mm x 75mm x 50mm
- ⑥ M4 Drywall screw at 200mm centre
- ⑦ M8 steel anchor bolt at 600mm center

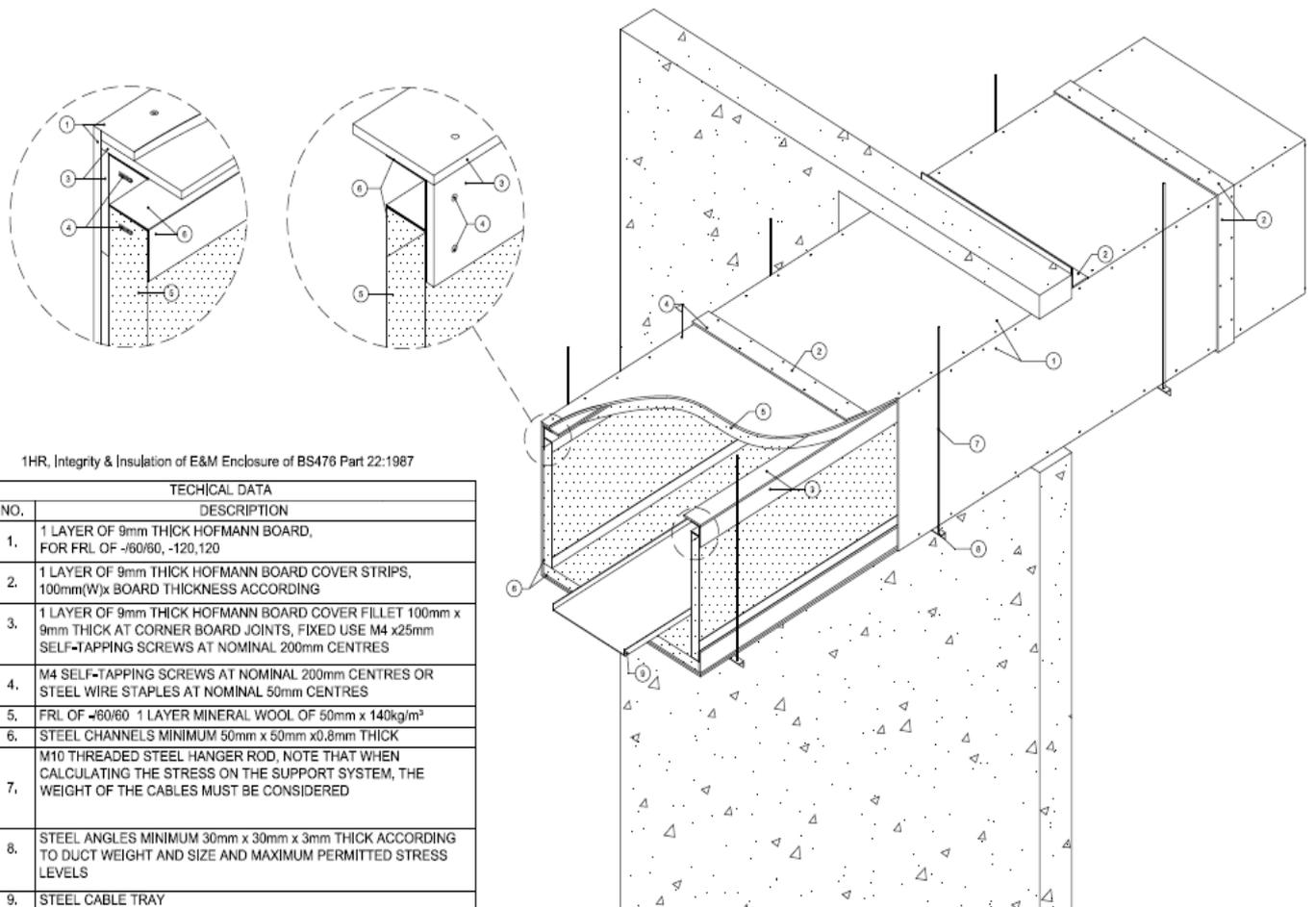
# 1 HR (FRR -/60/60), integrity and insulation ceiling enclosure in accordance with BS 476:Part 20:1987



- ① Hofmann Board 9mm thick
- ② Steel channel 35mm x 50mm x 0.6mm at butt joints of nominal 915mm centres
- ③ 32 x 32 x 0.6mm thk. Steel angle at corners & wall & slab
- ④ 50mm thick x 100kg/m<sup>3</sup> Rockwool
- ⑤ M4 self-tapping screws at approx. 200mm centres
- ⑥ M8 steel anchor bolt at approx. 500mm centres
- ⑦ Hanger steel channel 50mm x 50mm x 0.6mm
- ⑧ 1mm thk. Steel angle bracket fixed by screw to concrete slab by M8 anchor bolt

# E & M Services Enclosure

1 HR (FRR -/60/60), integrity and insulation E & M enclosure in accordance with BS 476:Part 20:1987



Product Name	Board/ strip Thickness	Board Density	Rockwool / U Stud thickness	Rockwool Density
Hofmann	9mm	980 kg/m <sup>3</sup>	50 mm	140 kg/m <sup>3</sup>
Superlite	6mm	600 kg/m <sup>3</sup>	50 mm	140 kg/m <sup>3</sup>

