



1A – Min. 16 ga steel U-shaped deflection channel	2B – Purlin lateral bracing (not shown)
1B – Fire barrier steel stud framing	2C – Faced glass fiber insulation
1C – Fire barrier gypsum wallboard	2C1 – Unfaced glass fiber insulation
1D – Type X gypsum wallboard spacer block	2D – Min. 26 ga coated steel roof deck panel
1E – Type X gypsum wallboard drip strip	2E – Roof deck fasteners
1F – Min. 20 ga, 66.67-mm (2.62-in.) wide, 22.22-mm (0.87-in.) deep galvanized steel hat channel	3 – Intumescent fire caulk
1G – Type X gypsum wallboard wings	4 – Unfaced mineral wool insulation min. 64 kg/m ³ (4pcf), min. 50 percent compression
2A – steel purlin	

Roof/ceiling structure Detail