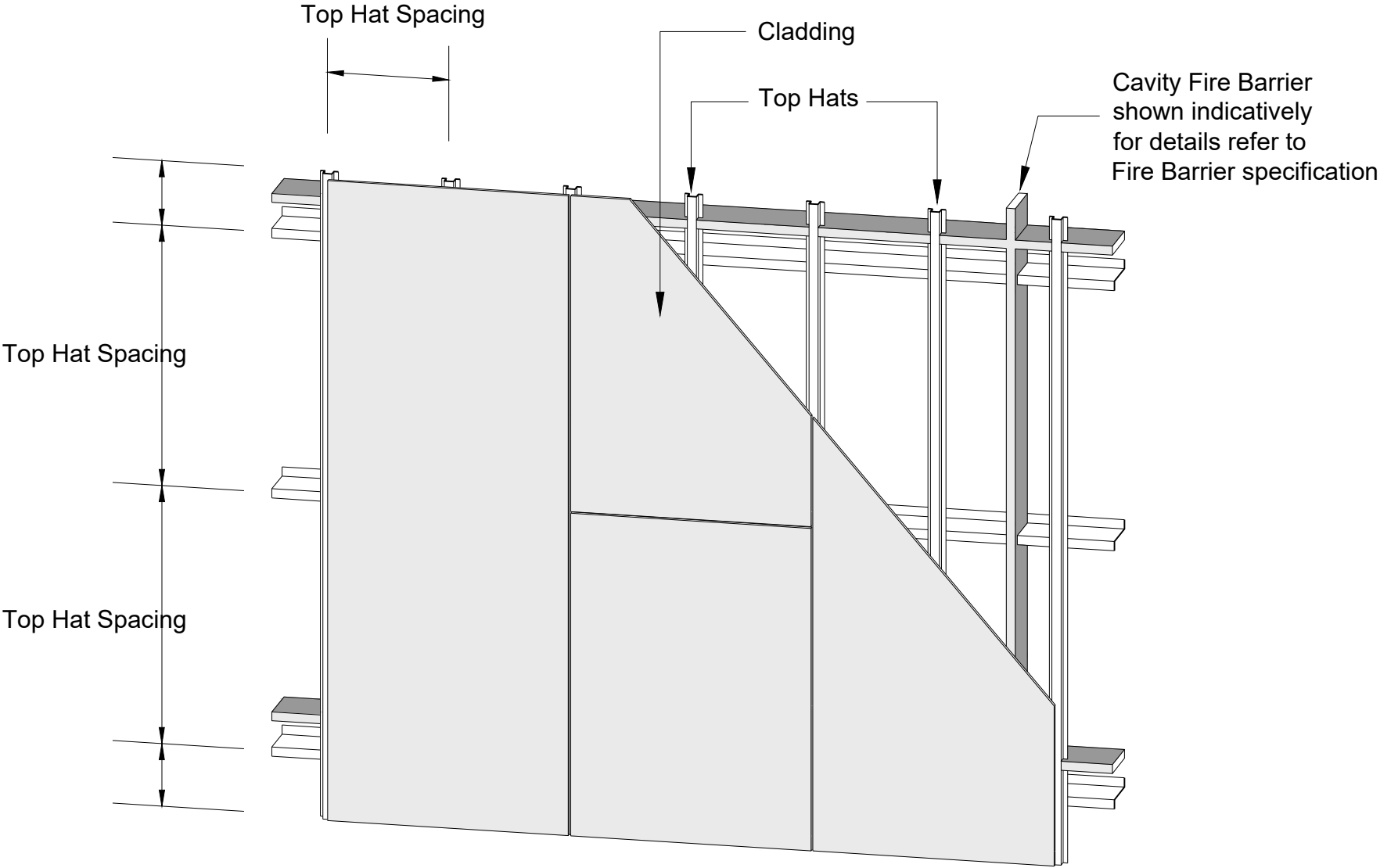


Typical Top Hat Installation



NOTES:

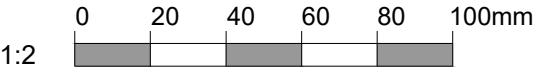
Specifications
000-AC-GF-DWG-0101, 0102, 0103,
0104, 0105, 0107, 0108, 3011

Top Hat 120x35 Span Table

Top Hat 120x35 1.15BMT							
Design Wind Pressure kPa		Single Span		Double Span		Three Spans	
		Top Hat Spacing, mm		Top Hat Spacing, mm		Top Hat Spacing, mm	
		450	600	450	600	450	600
SER	ULT	MAXIMUM SPAN OF TOP HAT PROFILE, mm					
0.53	0.75	2050	1800	2700	2500	2500	2300
0.7	1.0	1850	1700	2500	2250	2300	2100
1.05	1.5	1600	1450	2200	2000	2000	1800
1.4	2.0	1450	1350	2000	1800	1800	1650
1.75	2.5	1350	1250	1850	1650	1700	1550
2.1	3.0	1300	1150	1700	1550	1600	1450
2.8	4.0	1150	1050	1550	1400	1450	1300

Design Notes

- 1. Top Hats Deflection Limit = Span / 360
- 2. Seismic is not considered in the design
- 3. Framing Design Complies With AS/NZ 1170 (Part 0, 1, 2)
- 4. Cladding Weight = 30kg/m2 Max
- 5. G2 Steel, Fy = 300 MPa and Fu = 350 MPa



TITLE	TOP HAT SYSTEM ENGINEERING DETAILS	
CLADDING	SOLID ALUMINIUM	
SUBSTRATE	ALL	Rev
DWG NUMBER	000-AC-GF-DWG-3040	5