

Wall Type Key - Apartments

Will provide the material to be drawn for reference

22 140 HP/22-ZD-22-A, 8000' & 6000' & 81 Structural Engineering Drawing 22-946-035

102.5mm Exterior Gypsum Board (GWB) to materials schedule

15mm Frieze (or equal approved) block 150mm aggregate block, 150kg/m³ density
Thermal conductivity 0.45W/mK

105mm Frieze (or equal approved) block 100mm aggregate block, 150kg/m³ density
Thermal conductivity 0.45W/mK

100mm/25mm 75kN/m² *Red Arrow* concrete Class B Engineering brick
140mm Frieze (or equal approved) block 60mm aggregate block, 150kg/m³ density
Thermal conductivity 0.45W/mK

140mm/15mm aggregate block, 150kg/m³ density, Thermal conductivity 0.45W/mK

140mm/15mm (or equal approved) block 60mm 74kN/m² aggregate block, 150kg/m³ density
Thermal conductivity 0.45W/mK

Buttress Wall

215mm Frieze (or equal approved) block 60mm 74kN/m² aggregate block, 150kg/m³ density
Thermal conductivity 0.45W/mK

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Thermal conductivity 0.45W/mK

Flashed 150mm Scaffolding 15mm Thermal conductivity 0.040W/mK

150mm Gypsum Wall board either side of 70mm metal stud partitioning, 25mm acoustic partition 140g/m² (2kg/m²) Plywood between studs (wall type reference)

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150mm Gypsum Frieze board, 15mm Frieze board, 70mm metal stud, 15mm acoustic partition 400mm center to center, 150kg/m³ density, 150mm Gypsum Frieze board (wall type reference IM-18)

Noted: Block densities must be within 1500 - 1600kg/m³ to comply with Robit details.

Structural Items

(As Specified by Structural Engineer)

STEEL BEAM SCHEDULE:

	Ground Floor
SB-101	210x102 L883 with 275x10mm welded bottom plate
SB-102	305x265 UC118 with 400x28mm welded bottom plate and welded stiffeners
SB-103	203x100 UC41 with 280x10mm welded bottom plate (galv)
SB-104	175x130x5 UC21 with 180x10mm welded bottom plate (galv)
SB-105	203x100 UC41 with 300x10mm top plate and 400x28mm bottom plate
SB-106	203x100 UC41 with 300x12mm welded to bottom (galv)
SB-901	275x275 PFC with 300x12mm plate welded to bottom (galv)
SB-902	203x100 PFC (galv)
SB-903	150x100 RS4.0
SB-904	100x100x8.0 SHS

Bottom plates used for side bearing of plates.

*Where girth is not covered, side plate over 200mm long RSA bearing plate within wall.

Beams to be bolted together using M16 bolts and spacer tubes @ 450 bearing plates within wall.

Beams to be bolted with M16 bolts @ 450 c/c.

STEEL LATEL SCHEDULE:

	SB-101
SB-102	150x150x12.2" with FL150x121 over
SB-103	UB175x102 with FL175x121 & 286 between @ 350 C/C (x1 + x2) Reinforced
SB-104	250x100 UC54 with 250x100 UC54
SB-105	CXC100x100
SB-106	TX300x100
SB-107	TH130x100
SB-108	CXC100x100
SB-109	CH130
SB-110	TS100x25

Refer to Glenworth park for detail of information

PASTONE SCHEDULE:

All pastones to be C30 concrete unless otherwise noted

UB100 internal 75mm concrete compression bedded below courses may be required between pastones when they are aligned in plan at different levels.

P1: 440x100x125 C30 Concrete Pastone

P2: 440x100x100 C30 Concrete Pastone

* linked to wall profile

P3: 440x125x125 C30 Concrete Pastone



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