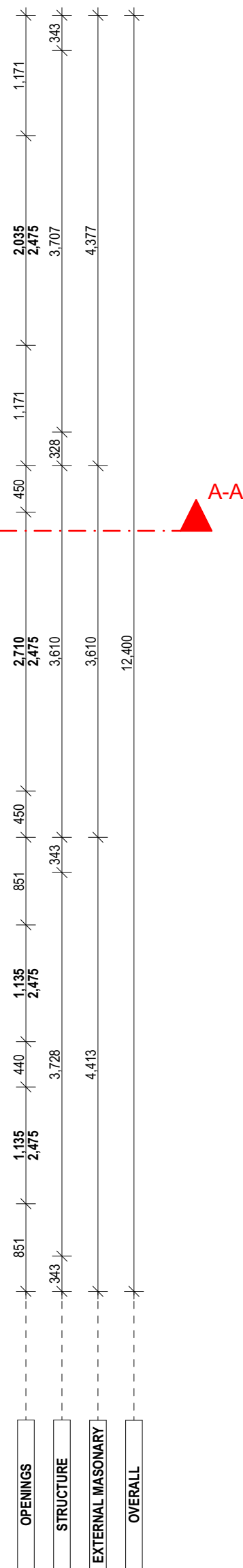


Wall Type Key - Apartments

Reference must be made to Drawing References
21 140-High Rise GC-220-A-630, Flamingo & Biscayne | Structural Engineering Department | DTD-946-035

	100mm Fire-rated concrete Block to materials schedule
	100mm Fire-rated concrete Block, 170mm aggregate block, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	30mm Fire-rated or equal approved 100mm aggregate block, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	100mm/21mm Fire-rated concrete Class 8 Engineering brick, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	100mm/21mm 75kN/m ² Extra Extra Heavy Duty Class 8 Engineering brick, 146mm Fire-rated or equal approved block, 170mm aggregate block, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	146mm Fire-rated or equal approved block, 170mm aggregate block, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	146mm 170mm aggregate block, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	215mm Fire-rated (or equal approved) block, 146mm 70mm metal stud partitioning, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	Barriers
	215mm Fire-rated (or equal approved) block, 146mm 70mm metal stud partitioning, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	215mm Fire-rated (or equal approved) block, 146mm 70mm metal stud partitioning, 135kg/m ³ Density Thermal conductivity 0.45W/mK
	F-4 Filled cavity Scaffolding Insulation, Thermal conductivity 0.034W/mK
	15mm Optimum Wall board either side of 70mm metal stud partitioning (wall type reference IM-1)
	15mm Optimum Wall Board either side of 70mm metal stud partitioning, 25mm acoustic paneling Acoustic A (26gsm) insulation between studs (wall type reference IM-1)
	15mm Optimum Fire-Rated board, 18mm Plywood board, 70mm mullin stud insulation 400mm centre (wall type reference IM-1)
	Non-Builded fire-rated wall, 15mm Fire-rated or equal approved 15mm Optimum Fire-Rated board (wall type reference IM-1B)
	Note: Build Details must be within 150m / 1600mm to comply with Local details.

Structural Items (As Specified by Structural Engineer)	
STEEL BEAM SCHEDULE:	
Note: bottom plates will be required for steel bearing plates.	
Block A	
Ground Floor	
SB-101	20x10x10x195 with 120x12mm welded bottom plate (galvanneal)
SB-102	20x10x10x195 (ECC) bolted together with M16 bolts and spacer tubes
SB-103	23x20x10x246 with 30x12mm welded bottom plate
SB-104	23x20x10x246 with 30x12mm welded bottom plate
SB-105	160x60 PFC at level line
SB-002	20x10x10x195 with 120x12mm welded bottom plate (galvanneal)
SB-101	100x10x10x195 SHS
Bottom plates required for steel bearing of plates	
*Where to be not present, steel to run on 25mm long 100x50x8 LRA bearing plate within wall	
*Steel to be bolted together using M16 bolts and spacer tubes at 450 c/c. Bottom plates to be bolted to flanges with M16 bolts at 450 c/c.	
STEEL LINTLE SCHEDULE:	
SL-101	UC107 102723 with FL1107215 over
SL-102	bottom plates 107115 with CH4542 PFC between at 300 C/C (x = Beams)
SL-103	UC107 102719
SL-104	TS130x105
SL-105	CXK130x105
SL-106	TS130x105
SL-107	TH130x105
SL-108	CX130x105
SL-109	C25
SL-110	TS130x125
Refer to Glenworth plans for detailed information	
CONCRETE LINTLE SCHEDULE:	
Refer to Wladys plans for detailed information	
CONCRETE LINTLE SCHEDULE:	
CL-101	C150X200M60
CL-102	C150X200M60
CL-103	C150X200M60
Refer to Wladys plans for detailed information	
PAVEMENT SCHEDULE:	
All pavements to be concrete unless otherwise noted	
U.O.N minimal (N200) compressive strength engineering brick courses may be required between bitumen layers if they are aligned in place at different levels.	
P1	44x10x10215g C30 Concrete Pavestone
P2	42x44x10x15215g C30 Concrete Pavestone



Please Note:

This drawing can only be scaled for planning purposes. Dimensions to be checked on site and any discrepancies are to be highlighted to the Architect prior to construction.

Topographical / Ordnance Survey information shown has been prepared by a third party. HGP accept no responsibility for accuracy or completeness of the survey.

This drawing is to be read in conjunction with all other project drawings, construction notes and / or project specifications including those by other project consultants and specialists. All discrepancies should be reported immediately.

Design subject to detail development / approval. Measurements and accommodation schedules subject to amendments following coordinated input from others. Costings cannot be finalised until approval / confirmation by relevant authorities and client

Risk Schedule	
	Specific health & safety risks associated with this building are highlighted, but not limited to the caution symbol adjacent to the item of risk. Refer to risk schedule on individual drawing.
	Injury caused by incorrect handling of large / heavy items.
	Potential to fall from height.
	Potential to fall from height through voids within floors.
	Harm caused by handling lead.
	Harm caused by Electrocution.
For further information refer to HGP's M06 & M07 documents	

Apartment Block Layout

 concrete ToP +38.32 steel spreader	Padstone See Schedule ToP: Top of P	Structural Steelwork See Schedule
	Int/ Extract Vents	WP Wind Post
	Floor Waste Gully	
	Soil Vent Pipe (SVP), Stub Stack (SS) and Rain Water Pipe 110mm (RWP) and Above Offset	
	Cold Water Supply / Direct Connection	
	MJ —	
non combustible floor grills with minimum 1.5 m² free area		Smoke Shaft with minimum 1.5m² free area

Class C absorbent ceiling specification to be applied to circulatory communal areas.

Dimension Strings			
	Setting Out Dimension		MJ / RWP Setting out
	Structural Elements		Finished Dimension
	Structural Openings / Doors & Windows		



PROJECT	JOB NO
Carter's Site, Reading	22.175
SCALE	DATE
1:50@A1	23.02.24
DRAWN BY/CHECKED BY	REVISION
LM / MLE	C12
DWG#	STATUS
22.175-HGP-01-00- -A-2001	Construction

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