



NOTES

MEANS OF ESCAPE

The design has been based upon an occupancy of 1 person per 6sq.m throughout.

ESCAPE WIDTHS & FINAL EXITS
Production area fire exit doors to achieve a minimum clear opening width of 950mm. Fire exit doors to be fitted with panic furniture. All office / circulation doors to achieve a minimum clear opening width of 900mm. Staircases achieve a minimum clear width of 1000mm between handrails. Final exit doors to be fitted with panic furniture.

ESCAPE FIRE SIGNAGE
Escape fire signage (pictogram type) will be provided throughout the building to BS5499. Stocksigns Photoluminescent Fire exit sign ref 6020GD (200x100mm) positioned 150mm above the centre of each fire exit door opening, as identified [FE] on the plans.



EMERGENCY LIGHTING
Emergency lighting to be provided in accordance with BS5266pt1. All to M & E engineers design and detail.

FIRE DETECTION & FIRE ALARMS
Automatic fire detection / fire alarm system will be installed in accordance with BS5839 pt1. Smoke detection to be incorporated in ceiling voids in excess of 800mm deep. All to M & E engineers design and detail.

STRUCTURE
Fire protect all steelwork up to roof level (columns, eaves beams, restraint rails, diagonal bracing, etc.) with intumescent paint finish to provide 1 hours fire resistance. All sheeting rails to grids 1, A & 9 to have slotted hole fixings to accommodate fire resisting cladding systems.

INTERNAL WALLS
100/140mm blockwork walls to core areas to achieve 1 hour fire resistance.

FIRE DOORS

FD30/FD30S - to achieve 30 minutes fire resistance FD60/FD60S - to achieve 1 hour fire resistance.
S suffix denotes cold smoke seals.
VP denotes Georgian wired vision panel.
All fire rated doors to be self closing.

FIRST FLOOR OFFICE

Precast concrete floor planks and structural topping to structural engineers design and detail. Supporting structure and slab to achieve 1 hour fire resistance.

FIRE FIGHTING EQUIPMENT

Tenant fit out works by building owner.

FIRE TENDER SITE ACCESS

Fire tender access to the site will be off Hazel Road. Fire tender access to the proposed building is well in excess of the 15% required for the building area and height.

SPACE SEPARATION

Notional boundaries indicated on the site layout. Unprotected areas in compliance with part B4 of the Approved Document.

KEY TO SYMBOLS

- [FAP] fire alarm panel
- 60 minute fire resistant wall construction
- [FE] 'fire exit' signage
- notional space separation boundary line
- FD30S fire door rating
- VP vision panel
- ~~~~~ 30 min fire resistant Rockwool cavity barrier in ceiling void
- cb Rockwool SP60 vertical cavity barrier
- hcb Rockwool SP60 horizontal cavity barrier

REVISION	DATE	COMMENTS	AUTHOR / CHECKED
E	21/09/11	Updated to AS BUILT status with information provided by the Contractor	AL/TB
D	13/01/11	Construction issue.	AL/TB
C	22/10/10	Tender issue.	AL/TB
B	12/10/10	FR Out works omitted.	AL/TB
A	26/08/10	Building regulations submission.	AL/PF

lhc architecture urbanism safety

TITLE
MERLIN QUAY, SOUTHAMPTON
PROPOSED OFFICE BUILDING

DETAIL
FIRE STRATEGY

DATE	SCALE	
AUG '10	1:200 @ A1	
DRAWING No.	REV.	AUTHOR / CHECKED
10059-L05_101	E	AL/PF
DRAWING STATUS		

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