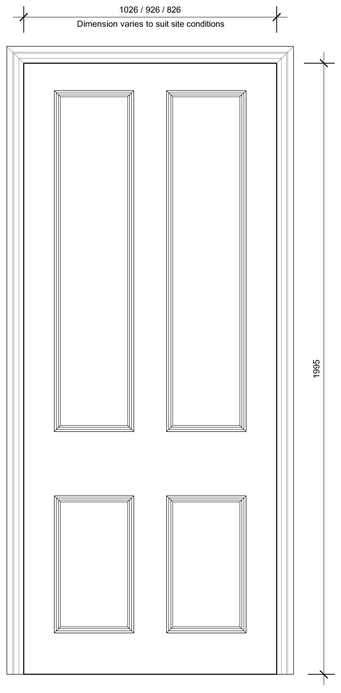
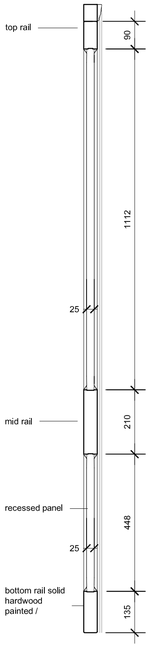
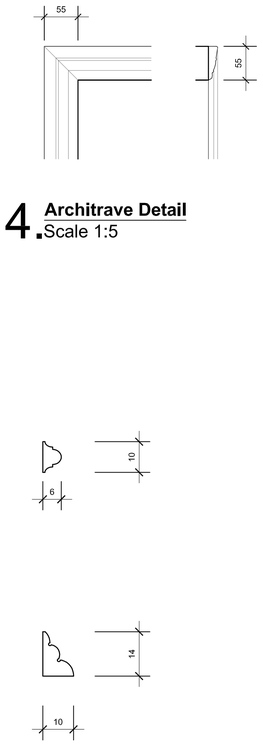


1. Proposed Door to Basement & 3rd Floor
Replica Door to Match Existing Door Type L Scale 1:10

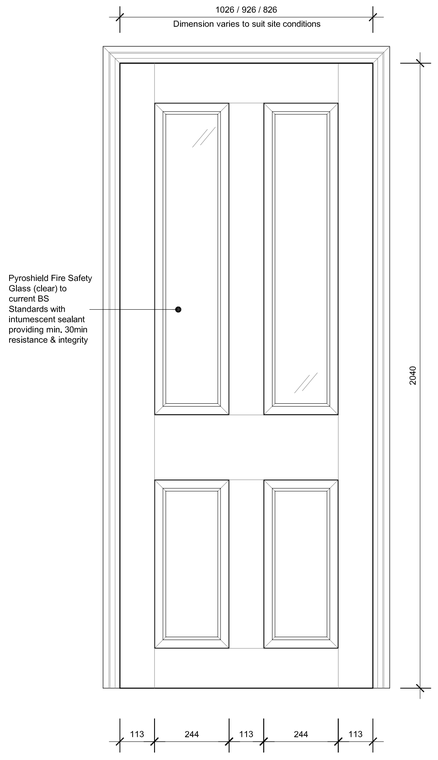


2. Section
Scale 1:10



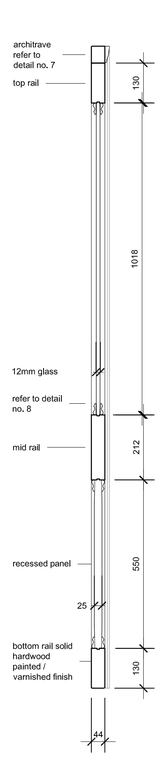
3. Mould & Bead Detail
Scale 1:1

Specification: Purpose made paneled door; wrought softwood. 25mm thick panels raised and fielded; mouldings worked on both sides. Rebated edges beaded. Purpose made door frames and lining set in wrought softwood as illustrated . 30 minutes fire resistant complete with intumenscent strips and 25mm and a perco style self closing device machined for intumenscent strips. Doors to incorporate smoke seals to jambs and head to fire doors. Intumescent paper beneath hinges and locks and around glazing where applicable. Doors to be supplied with exposed lippings to both long edges and laquered finish to both sides and edges. Check structural openings prior to ordering all doors and frames.

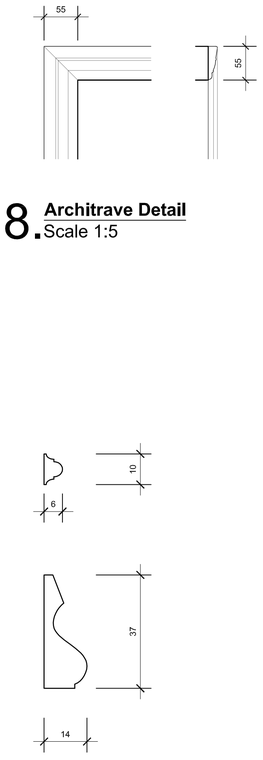


5. Proposed Door with Vision Panels
Door Type R Scale 1:10

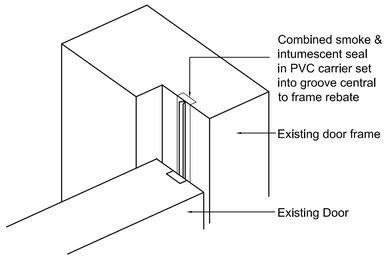
Specification: Purpose made paneled door; wrought softwood. 25mm thick panels raised and fielded; mouldings worked on both sides. Rebated edges beaded. Purpose made door frames and lining set in wrought softwood as illustrated . 30 minutes fire resistant complete with intumenscent strips and 25mm and a perco style self closing device machined for intumenscent strips. Doors to incorporate smoke seals to jambs and head to fire doors. Intumescent paper beneath hinges and locks and around glazing where applicable. Doors to be supplied with exposed lippings to both long edges and laquered finish to both sides and edges. Check structural openings prior to ordering all doors and frames.
Vision panels to be pyroshield clear safety glass or similar approved to 30 or 60 minutes integrity class "D".

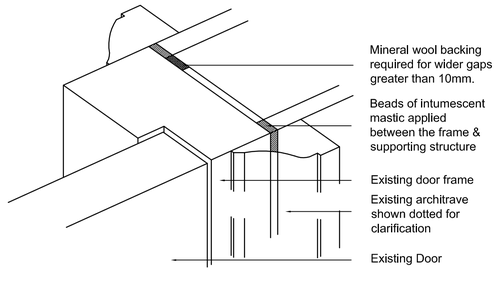


6. Section
Scale 1:10



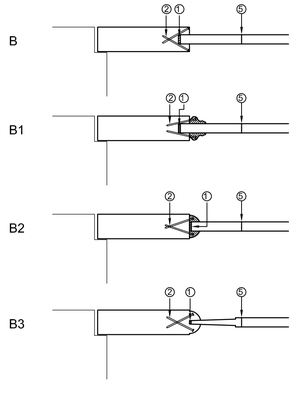
7. Mould & Bead Detail
Scale 1:1





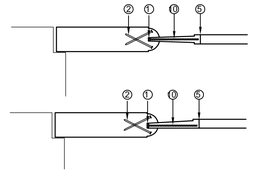
9. Recommended Fire Upgrading to Timber Panel Doors
N.T.S.

	Minimum Panel Thickness (mm)	Fire Resistance	Comments
B	9	15	This method applicable to panels with maximum width accross grain of 300mm. Where fixed panel beads hold panel in place (variantB2) it is necessary to bond the fixed beads to the stiles, rails & muntins.
	12	20	
	≥ 20	25	
B1			This method of upgrading requires door to be partially or fully disassembled in many cases. Where integral panel beads are removed by cutting away the beads on one side they will need to be replaced by new beads machined on the same profile.
B2			
B3			

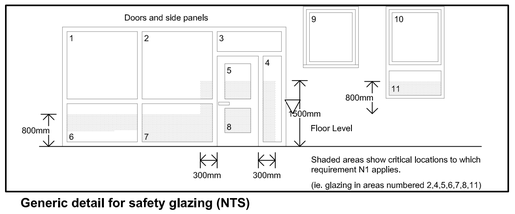


Key
① Intumescent paste
② Cross pinning 38mm long steel panel pins at 50mm in from each corner at maximum 150mm centres.
⑤ Butt joints in panels opened up & rebonded using head resisting adhesive
⑥ 2mm sheet intumescent material bonded into slot cut in edge of panels. Depth of slot 5mm greater than width of fielded portion of panel.

	Minimum Panel Thickness (mm)	Fire Resistance	Comments
H	< 19	20	This method applicable to raised & fielded panels only with a maximum width accross the grain of 300mm.
	≥ 20	30	
H1	20		NB - Method H is patented by Longden Doors Ltd. Parkwood Road, Sheffield, S. Yorks, S3 8AH.



Windows



Generic detail for safety glazing (NTS)

10. Table 1: Methods of upgrading fire resistance of existing panels
N.T.S.

This drawing **MUST NOT** be scaled

General Notes
All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-contractors.

Report any discrepancies to the Contract Administrator at once.

This drawing is to be read with all relevant Architect's and Engineer's drawings and other relevant information.

For preliminary issue only for planning department comments.

Rev	Date	Note
C	26.01.10	General amendments
B	15.12.09	Door type L introduced, safety glazing detail drawing added
A	03.12.09	Glass panel design revised from single pane to two vertical panes

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WC1H 9EL

Client: Crescent Projects, London, SW1Y 5NQ

Drawing :
Proposed Door Types
Sections & Elevations

Date : 19/11/2009

Check by : GS | Scale : 1/10, 1/5, 1/1

Drawing No. 1233 / 112 | Rev : C