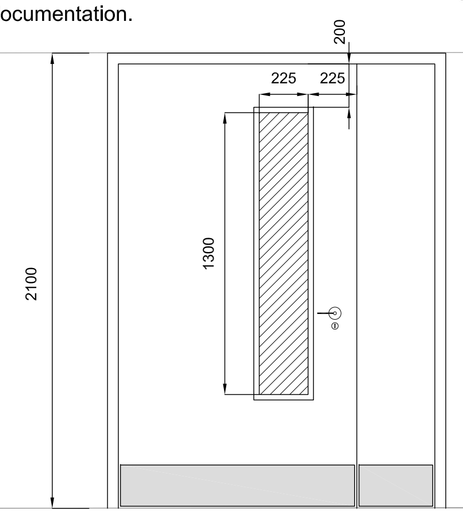
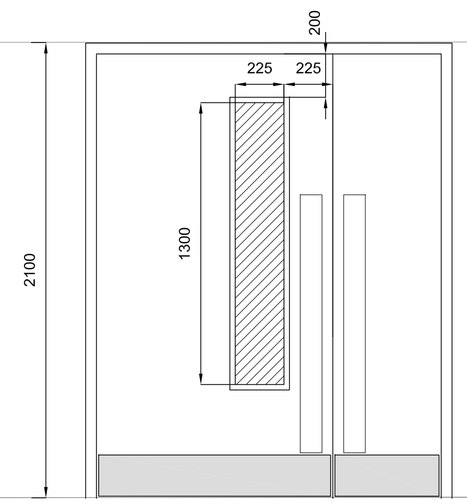
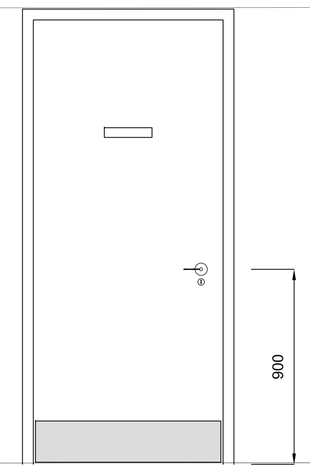
FFL

	Note: Doors to be rebated Doors to have access control. Refer to Service Engineers' documentation.	Note: Doors to have access control & hold open magnets. Refer to Service Engineers' documentation.	
			
Reference:	476 475 473	446 & 456	478 - New Staff Room 05
Door Type:	D01	D02	D03
Quantity:	3 no.	2 no.	01
Clear Opening:	Min. 800mm	Min. 800mm	Min. 800mm
Fire Rating:	FD30s	FD60s	FD30s
Specification:	INTERNAL FD30s TIMBER REBATED DOORS (Paint Finish): **Door size**: Main - 2032x1100mm Slave -2032x360mm. **Structural Ope:** 2085x1555mm approx **Core:** Solid 3 layer particle board [Halspan] **Facings:** Flat MDF panel for painting **Lippings:** Concealed 10mm Ash hardwood on all edges **Architrave :** 100 x25mm primed MDF moulded architrave to match existing. 20mm redwood beading for doors where architrave not possible. **Moisture content on delivery:** 9-13% **Other requirements:** Intumescent smoke seals rebated into doors. All door ironmongery and glazing to be bedded in intumescent mastic /strips as per BS 8214: 2008. See fire door notes. **Automatic drop smoke seals are required at the bottom of all doors.** PVC twin blade smoke seals with elastomeric sealing blades fixed to the head and jambs of door frame with aggressive self-adhesive backing tape on both sides of the carrier. To comply with BS 476-31.1 and BS EN 1634-3 and to be provided with assessment / testing certification. Suggested product: Mann McGowan ACS-1 Smoke and Acoustic Perimeter Seal **Door Frames:** Hardwood finished to match door with single rebate. **Finish:** Primed for site finish **Site Finish:** One coat undercoat, 2 coats gloss finish **Vision Panel:** Half hour rated clear glass. Class A Toughened safety glass to BS 6206 :1982 (1994) on all glass panels **Refer to floorplan for hand of doors.** Ironmongery - Refer to Ironmongery Schedule All dimensions to be measured on site before ordering / fabrication	INTERNAL FD60s TIMBER FLUSH FLUSH DOORS (Paint Finish): **Door size**: Main - 2032x1090mm Slave -2032x505mm. **Structural Ope:** 2085x1685mm approx **Core:** Solid 3 layer particle board [Halspan] **Facings:** Flat MDF panel for painting **Lippings:** Concealed 10mm Ash hardwood on all edges **Architrave :** 100 x25mm primed MDF moulded architrave to match existing. 20mm redwood beading for doors where architrave not possible. **Moisture content on delivery:** 9-13% **Other requirements:** Intumescent smoke seals rebated into doors. All door ironmongery and glazing to be bedded in intumescent mastic /strips as per BS 8214: 2008. See fire door notes. **Automatic drop smoke seals are required at the bottom of all doors.** PVC twin blade smoke seals with elastomeric sealing blades fixed to the head and jambs of door frame with aggressive self-adhesive backing tape on both sides of the carrier. To comply with BS 476-31.1 and BS EN 1634-3 and to be provided with assessment / testing certification. Suggested product: Mann McGowan ACS-1 Smoke and Acoustic Perimeter Seal **Door Frames:** Hardwood finished to match door with single rebate. **Finish:** Primed for site finish **Site Finish:** One coat undercoat, 2 coats gloss finish **Vision Panel:** One hour rated clear glass (Pyroguard, Pyran, or similar). Class A Toughened safety glass to BS 6206 :1982 (1994) on all glass panels **Refer to floorplan for hand of doors.** Ironmongery - Refer to Ironmongery Schedule All dimensions to be measured on site before ordering / fabrication **REFER TO SERVICE ENGINEERS' DOCUMENTATION AND DRAWINGS FOR DETAILS OF HOLD OPEN DEVICES AND THE ACCESS CONTROL SYSTEM.**	INTERNAL FD30s TIMBER FLUSH DOOR (Paint Finish): **Door size:** 2032x864mm (34") **Structural Ope:** 2085x970mm approx **Core:** Solid 3 layer particle board [Halspan] **Facings:** Flat MDF panel for painting **Lippings:** Concealed 10mm Ash hardwood on all edges **Architrave :** 100 x25mm primed MDF moulded architrave to match existing. 20mm redwood beading for doors where architrave not possible. **Moisture content on delivery:** 9-13% **Other requirements:** Intumescent smoke seals rebated into doors. All door ironmongery and glazing to be bedded in intumescent mastic /strips as per BS 8214: 2008. See fire door notes. **Automatic drop smoke seals are required at the bottom of all doors.** PVC twin blade smoke seals with elastomeric sealing blades fixed to the head and jambs of door frame with aggressive self-adhesive backing tape on both sides of the carrier. To comply with BS 476-31.1 and BS EN 1634-3 and to be provided with assessment / testing certification. Suggested product: Mann McGowan ACS-1 Smoke and Acoustic Perimeter Seal **Door Frames:** Hardwood finished to match door with single rebate. **Finish:** Primed for site finish **Site Finish:** One coat undercoat, 2 coats gloss finish **Vision Panel:** N/A **Refer to floorplan for hand of doors.** Ironmongery - Refer to Ironmongery Schedule All dimensions to be measured on site before ordering / fabrication

Note 1: All existing and new doors are to be painted white. See painting notes.

Note 2: D03 Doors - Refer to service engineers drawing for access control unit specification.

Note 3: All structural openings are to be measured on site prior to fabrication. Contact the Design Team if dimensions differ from those shown.

Painting of Existing Cherry Veneer Doors: Shellac Primer, Water-Based White Gloss.

COLOURS TO CLIENT'S CHOICE. ALLOW FOR 4 COLOURS.

Preparation: remove all door furniture (handles, hinges where practical, closers, signage). Mask hinges and frames. Do not paint over intumescent strips, smoke seals or fire door certification labels/plugs.

Degrease: clean all surfaces with sugar soap or a proprietary degreaser to remove grease, polish and handling residue. Rinse with clean water and allow to dry fully.

Key: lightly abrade the existing lacquer with 180–240 grit abrasive or abrasive pad to a uniform dull matt finish. Do not sand through the lacquer into the veneer; the veneer is thin and easily damaged. Remove all dust with a vacuum and tack cloth.

Repairs: fill dents and damage with a fine two-part wood filler, sand flush. Spot prime filled areas.

Primer: one full coat of shellac-based, stain-blocking primer to all faces and edges, to seal cherry tannins and bond to the existing lacquer. Basis of design: Zinsser B-I-N or equal equivalent approved. Alternatively, an oil-based adhesion/stain-blocking primer (Zinsser Cover Stain or equal equivalent approved), allowed to cure for the full period stated by the manufacturer before overcoating with water-based products. Lightly de-nib with 240 grit when dry and remove dust.

Undercoat: one coat of water-based undercoat compatible with the primer and finish coats, lightly de-nib when dry.

Finish: two coats of water-based gloss to manufacturer's recommendations, colour Pure Brilliant White or as specified. Basis of design: Dulux Trade Quick Dry Gloss, Johnstone's Trade Aqua Gloss or Crown Trade Fastflow Quick Dry Gloss, or equal equivalent approved. Light de-nib between coats. Undercoat and gloss from the same manufacturer's system.

Application: spray-applied for best finish; alternatively applied by fine foam/mohair roller and laid off with a synthetic brush in the direction of the door panels. Edges included. Apply at temperatures above 10 degrees C.

Ventilation: shellac and solvent primers give off strong fumes during application. Ensure good ventilation, no naked flames, and appropriate RPE. In occupied buildings, prime out of hours or in a ventilated workshop with doors removed.

Trial: prepare and complete one door first. Carry out a cross-hatch adhesion test (tape pull) after 7 days and check for tannin bleed before proceeding with the remaining doors.
Curing: water-based gloss reaches full hardness in approx. 2–3 weeks. Leave doors open and do not refit door furniture or allow doors to close against stops for min. 48 hours, to avoid sticking (blocking).

Fire Door Refurbishment (24 No doorsets)

General
Excluding new doorsets refurbish existing timber fire doorsets to restore their fire and smoke performance. Works to BS 8214 and to the door and component manufacturers' test evidence and installation instructions. Works to be carried out by a contractor certified under a recognised third party fire door installation and maintenance scheme (e.g. BM TRADA Q-Mark Fire Door Maintenance, FIRAS or equal approved), using trained operatives.

Pre-works survey
Before works start, survey each doorset and record leaf, frame, gaps, seals, glazing, ironmongery, signage and any damage, with photographs, against the unique door (existing) reference. Submit the survey schedule to the PSDP/Architect. Report any doorset that cannot be economically or compliantly refurbished (e.g. leaf or frame damaged, unsuitable alterations, delamination, no evidence of fire rating) for a replacement decision. Do not proceed on these without instruction.

Leaf and frame
Make good damaged leaves and frames with matching timber, glued and pinned. Fill redundant holes and voids with hardwood plugs or intumescent filler to test evidence, with no foam fillers. Re-hang and adjust leaves so they close fully into the rebate and latch from any angle. Gaps to be 3mm (+/- 1mm) at head and jambs and at meeting stiles, and the threshold gap to suit test evidence (max. 3mm where no threshold seal). Pack and refix loose frames, seal frame to wall junction with fire rated sealant or intumescent mastic to test evidence.

Intumescent and smoke seals
Replace missing, damaged or painted over seals with combined intumescent and brush or fin smoke seals, size and position to test evidence (typically 15 x 4mm in frame or leaf edge, continuous to head and jambs). Intumescent hinge pads and lock and latch kits where required by test evidence.

Glazing
Replace missing or damaged glazing beads with hardwood beads (min. 640 kg/m3), profile to match existing, bedded in a fire rated glazing system compatible with the glass, fixed with steel pins at max. 150mm centres at 30 to 45 degrees to the glass. Replace cracked or unmarked glass with fire rated glass of same type and size, permanently marked.

Ironmongery
Replace broken, missing, damaged or non-compliant ironmongery with CE/UKCA marked items tested for use on timber fire doors:
- min. 4 no. butt hinges to I.S. EN 1935, grade 13
- overhead door closers to I.S. EN 1154, power size to suit leaf
- latches and locks to I.S. EN 12209
- lever furniture to I.S. EN 1906
- hold open devices, where scheduled, to I.S. EN 1155, linked to the fire alarm

Remove redundant and unauthorised fittings (hooks, bolts, wedges) and make good. Finish to match existing.

Signage
Fire door signage to I.S. EN ISO 7010, both faces as required, e.g. "Fire door keep shut", "Fire door keep locked shut".

Certification and handover
On completion, inspect and test each doorset for gaps, seals, closing and latching, and record the results. Fit each doorset with a permanent identification tag or label with unique reference if not already present. Issue a certificate of conformity for each doorset under the contractor's third party scheme, with completed door record schedule, before and after photographs, product data and test evidence, and maintenance recommendations, for inclusion in the Safety File and O&M manual.

Ironmongery Schedule

Location		Room 01	Room 02	Room 03	Corridor (Entrances)	Staff Dining		
Door Type		D01	D01	D01	D02	D03		**Total**
Door No		476	475	473	446 456	478		
Item	**Description**							
Hinge	Fire rated ball bearing hinges	8	8	8	8	4		21
Closer	TS 9205-04 Closer S/S EN 2-4	1	1	1		1		03
	Dorma TS 73 EMF Swing Free Closer Silver	1	1	1				
	Dorma BTS 80 FLB Floor Spring²				2			04
Signage	76mm Ø signage S/S** to BS EN 1634-1	4	4	4	4	2		03
Door Stop	Zoo ZAS06C Door Stop P/S***					1		05
Kick Plate	KCC KA.9710 200x800 Kick Plate S/S	2	2	2	2	2		18
Kick Plate	KCC KA.9710 200x500 Kick Plate S/S	2	2	2	2			18
Lever Set	ZPS 030 Lever on Screw on Rose S/S** EN1906	1	1	1		1		03
Electric Strike Plate	Sashlock mortice long electric strike plate to match existing with fail secure function stainless steel, secure emergency exit function	1	1	1		1		
Escutcheon	ZOO VS001S Euro Profile S/S**	1	1	1		2		
Blank Escutcheon	ZOO ZCS2000SS S/S*	1	1	1				
Lock	ZOO ZDL7255SS - DIN Euro Sash Lock S/S**	1	1	1		1		
Cylinder	Zoo V6EP3545CT - 35/45MM EURO CYL/TURN S/S	1	1	1		1		
Pull Handle	ZCSD300B - 19x300mm 'D' Pull Handle S/S**	1	1	1				
Pull Handle	ZCSD600BS - 19x600mm 'D' Pull Handle S/S**				2			
Push Plate	ZOO ZAS30RASS - 75x300mm "PUSH" FINGER PLATE S/S	1	1	1				08
Push Plate	ZOO ZAS30RDSS - 75x650mm "PUSH" FINGER PLATE S/S				2			
Flush Bolt	ZOO ZAS03 - 20 X 200 Lever Action Flush Bolt S/S	2	2	2	2			
Notes	Note 1: S/S* = Grade 201. S/S** = Grade 304.							
	Note 2: Dorma BTS FLB EN 4 electromagnetic free swing floor spring with control switch, top spindle & universal S/S cover plate. Dormakaba 2300 sealing compound to seal.							

New Fire Doorsets:

FD30s / 60s Fire resisting doorset to have not less than 30 / 60 minutes integrity rating in accordance with BS476: Part: 8/20-22 & fitted with cold smoke seals achieving a leakage rate not exceeding 3m2/hour(head & jambs) when tested at 25Pa under BS476 : Section 31.1. The doorset to be fitted with an automatic self-closing device capable of closing the door from any angle.

In addition doors marked FD30s / FD30s to have fire door set rating certificate, smoke seal intumescent strips and self closer according to relevant British Standard.

All glazed areas in fire FD30s to be fire rated clear glass and bedded in intumescent bedding.

All glazed areas in fire FD60s to be fire rated Pyron glass and bedded in intumescent bedding.

All door ironmongery to be bedded in intumescent mastic /strips as per BS 8214: 2008.

All door ironmongery to be certified for use with fire doors.

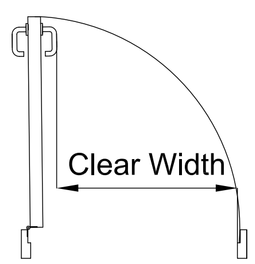
Intumescent mastic /strips and cold smoke seals to run uninterupted along the full length of door / frame avoiding all door ironmongery.

Automatic drop smoke seals are required at the bottom of the doors.

All fire doors / assemblies to comply with the provisions of BS 8214: 2008 Code of practice for fire door assemblies.

NOTE: All fire doors / fire sets are to be provided with certification showing compliance with BS 476-22:1987 or BS EN 1634-1:2014.

All door sets to be provided with a label identifying the manufacturer, the date of manufacture and the designated fire rating of the door type. This identification label is usually affixed to the top edge of the door. A colour-coded plug may be inserted into the door, instead of or in addition to the label. For hospitals, fire doors should display a disc at the top of each face of the door showing the designated fire performance as per Health Technical Memoranda (HTM) 58.



Door Clear Width Diagram
NTS

NOTE: CONTRACTORS ARE TO ARRANGE TO INSPECT SITE AT TENDERING STAGE

Refer to Drawing	
Builder's Compound & Access Plan.	1001
Demolitions, Ceiling Heights, Section.	1002
New Works Plan	1003
Nurses' Station	1004
Office Room 8	1005
WC Room 13	1006
WC Room 17	1007
Door & Ironmongery Schedules	1008
Resident's Dining Room 11 & Linen Room 14	1009
Staff Rooms 5 & 5A	1010
Kitchen	1011

General Notes :

1. Do not scale from this drawing. Use figured dimensions only.
2. This drawing is to be read in conjunction with all relevant specifications and drawings.
3. All dimensions to be checked on site prior to fabrication.
4. In the event of any discrepancies between drawings or any other issued documentation the contractor is to inform the architect immediately.
5. Contractor not to order door, windows or material before sample of each element has been approved by architect.
6. Contractor to submit quality certification before manufacturer of elements.

ISSUED FOR TENDER

CLIENT: HSE
PROJECT: Refurbishment to Willow Unit at St Josephs Hospital, Ennis, Co Clare
TITLE: Door & Ironmongery Schedules

Code	Originator	Zone	level	Type	Role	Number	Status	Revision
2825	HLA	ZZ	00	DR	A	1008		

SCALE: 1:20 A1 DATE: SEPT 2026 DRW BY: DR APP BY: MK

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