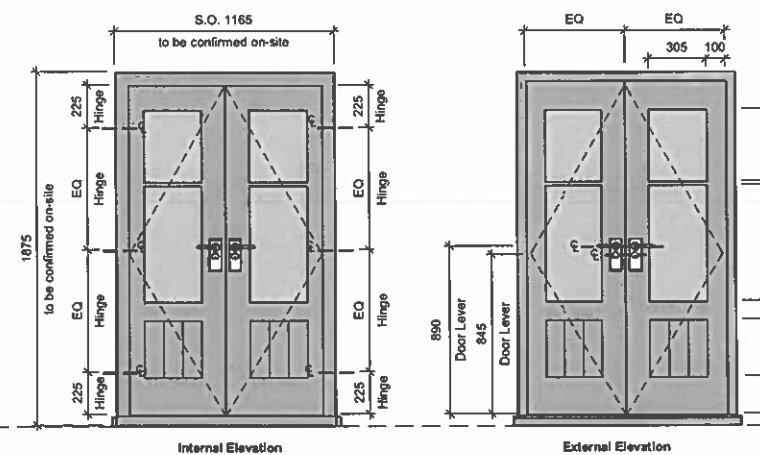
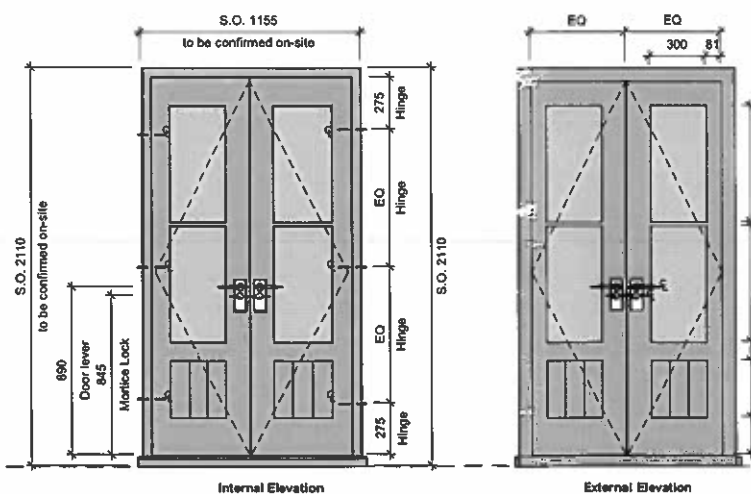
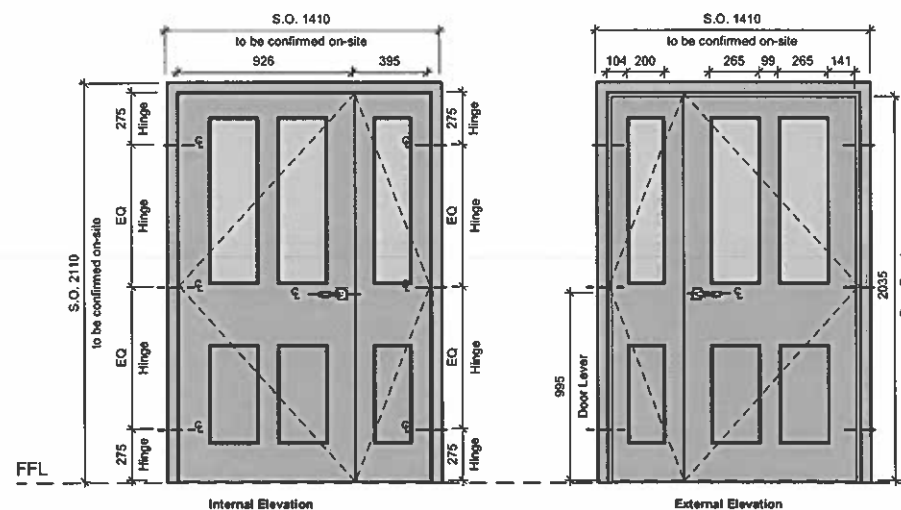
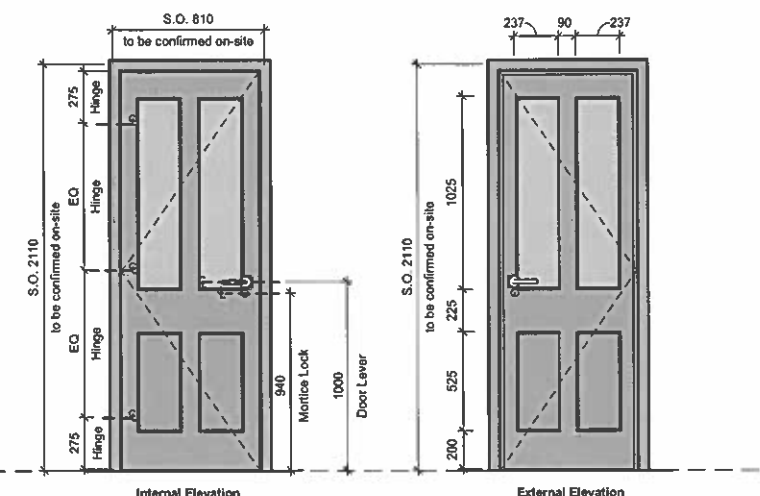
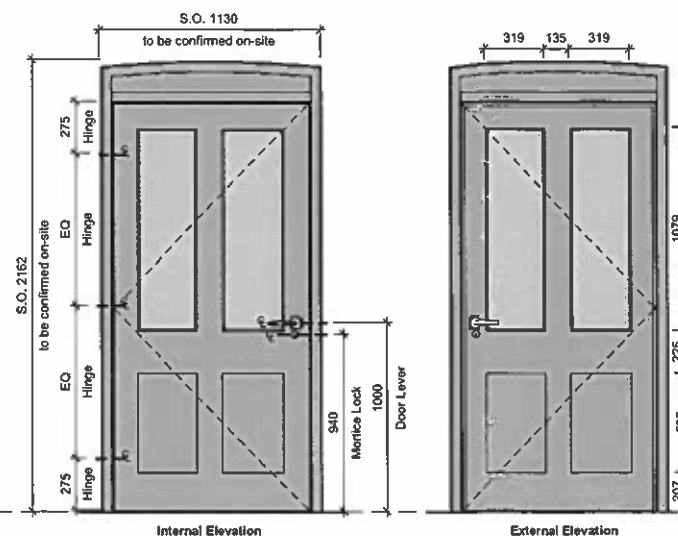
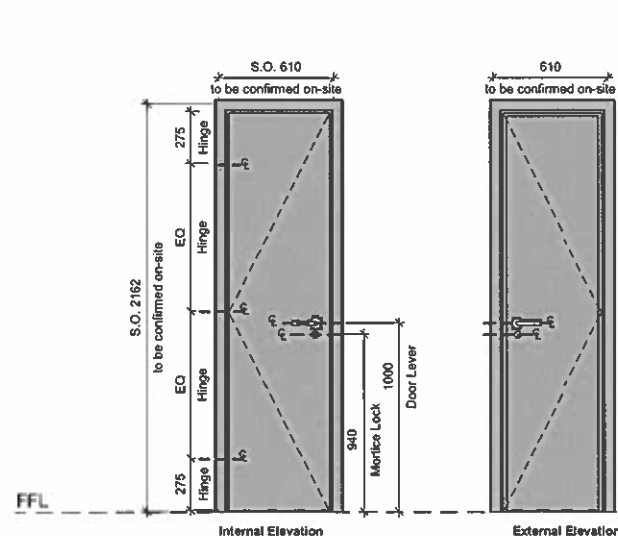
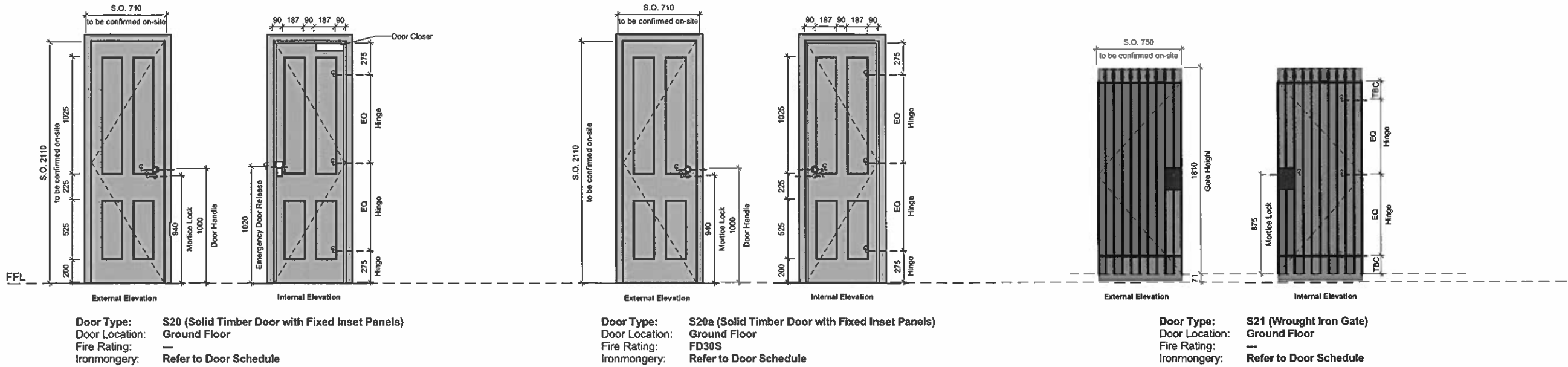
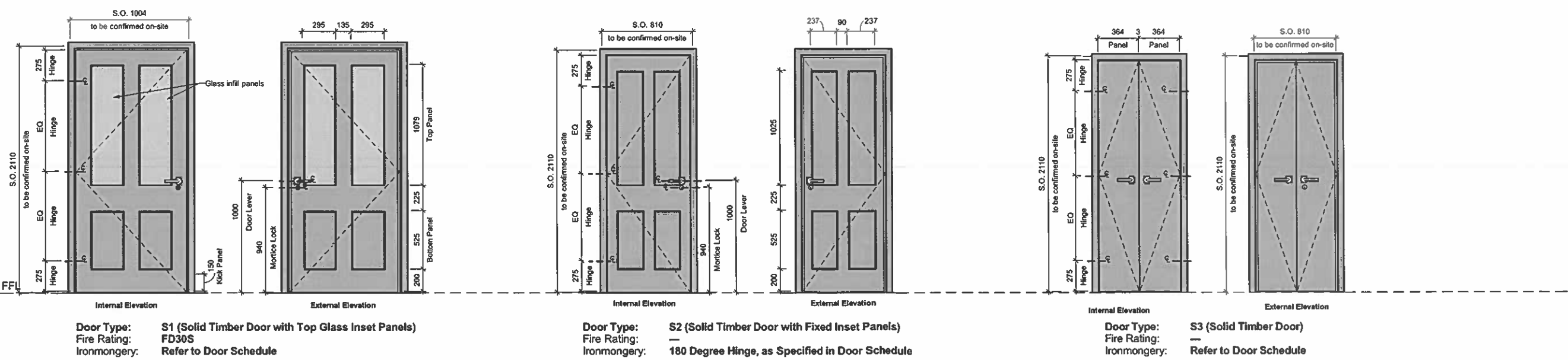




External Door Types - Stanley Building



Internal Door Types - Stanley Building



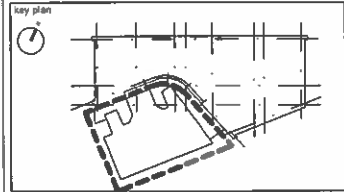
Notes / Specification

Notes: - All doors to be FSC accredited timber. - All doors to be painted on-site. - For Laying - All Fire Exit Signage to British Standards - All external doors and frames to meet PAS 24 standard - All external doors and frames to meet PAS 24 standard - All external doors to have high quality paint grade finish - All doors to have intumescent seals to achieve the specified fire rating - All doors to have acoustic seals (including drop down seals, if required) to achieve the specified acoustic rating - Door Type S1 & S2 - Top two quarter panels required 30 minute FR glass - Doors S3, S1, S2, S3 & S3.6 to be double swing with emergency ironmongery - Drawings & Schedules to be read in conjunction with BAM Design 1 to 50 General Arrangement Drawings - SD indicates structural opening - LH = Lever handle - SS = Satin Stainless Steel	Ironmongery: Wrap internal doors (prefixed W) - Doors Joseph Glass E422.01 16 dia lever on rose with SSS but hinges & kick push plates SSS. All door stops hinges and ironmongery to be stainless steel Stanley Building Doors (prefixed S) - All ironmongery and door furniture to be bronze metal antiques (BMA) e.g. indicator bolts, pull / push handles, indicator bolts, lever handles, push plates/locks, doorstops, hinges, door closer's. Suggested finishes - lever handles (Columbo Robot CD7SR in bronze with matching cylinder lock). Surface mounted brass door closer. Wrought Iron Gate (S201/604) to be fitted with lockable access control fitted with anti-lift hinge and emergency release to BS EN1125, BS EN 170. The testing and determination of the fire resistance of internal doors shall comply with BS 746 Part 6, 1972 and Part 22, 1987 respectively. Internal timber door sets, door leaves and frames shall comply with BS 4794 as appropriate. All internal fire doors shall be fitted with identification plugs as recommended by the British Wood Federation. All doors which would otherwise strike partitions, fixtures or fittings shall be provided with internal door stops. Refer to BAM drawing Nos. 1000 - 1011 for locations of each door. Evidence of Performance Certification: Provide independently certified evidence that all incorporated components comply with specified performance requirements.	NOTE (Manufacturing and Installation): - All doorsets shall be certified by the door manufacturer, who must supply accredited and documented fire and acoustic test certificates prior to commencement on site. - Doorsets in stud partitions to be secured by counter sunk screws and plugged with matching pellets. Doorsets in blockwork/concrete to be secured by proprietary plugs and screws. Screws to be recessed and hole plugged with matching pellets. - Minimum margin between frame and leaf to be 3mm and between leafs 2mm. - Any voids between back of frame and wall structure in fire and acoustic rated doorsets to be tightly packed with mineral wool and support of with proprietary intumescent/acoustic inserts to maintain doorset integrity. - Fitting centres for door frames to be as manufacturer's written recommendations/specifications. - All proposed openings to be equal in wall thickness at all points and plumbed and square within 2mm. - All doors to be made for rebates for power supplies, acoustic and fire seals where required. Doors: 1000 x 2100 x 30min fire rated door with intumescent fire / smoke seals (Sealmaster or equal approved), hinge & lock protection. - Door assemblies to comply with Approved Document B of the current Building Regulations. Manufacturer to supply full certification in accordance with BS 476 and accredited Carfax scheme where appropriate. - All fire door signage to comply with BS 5449. - Hinge and lock protection to be provided to all rebates on fire doors. Ironmongery fixed to fire doors must not impede the fire rating of the set.	Glazing: Clear glass provided throughout Stanley Building. Georgian wired glass is not acceptable. Glazing unit to achieve specified fire rating of door (refer to schedule) and be provided with intumescent gaskets all to match rating of door. Acoustic Seals: All doors to have a rating as noted on the schedule. Seals to be manufactured by Lorant or similar approved. GENERAL: All vertical dimensions to be taken from FFL, please note that all manufacturing schedules are to take this into account. Doors in accordance with AECOM Fire & Sandy Brown Acoustic reports. Doors to accessible WC areas and corridors to be able to open beyond 90 degrees where required to enable clear minimum opening of 800mm to be achieved. 1. Note: All doors to come to site as door sets 2. Note: All ironmongery to be pre-machined at the factory to suit ironmongery schedule 3. Doors with solenoid locks or provision for solenoid locks to be pre-drilled with cable route through frame and door leaf. 4. All doors within precast concrete openings to be site measured prior to manufacture	LEGEND: D.C. = Door Closer D.H. = Door Handle D.P. = Door Pull D.R. = Door Release E.D.C. = Electric Door Contact L.H. = Lever Handle MAG = Magnetic Lock M.L. = Mortice Lock O.L. = Occupancy Latch P.B. = Push Bar P.P. = Push Plate P.R. = Proximity Reader SOL = Solenoid SSS = Stainless Steel BMA = Bronze Metal Antique	Door Handling Conversions States direction of swing based on the assumption of viewing of the door from the opening face (hinges) side. EXTERNAL INTERNAL Left Hand (LH) Handle to the right on the swing (hinged) side Right Hand (RH) Handle to the left on the swing (hinged) side
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DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE.

- NOTE:**
- ALL INTERNAL IRONMONGERY TO 'WRAP BUILDING' TO BE SATIN STAINLESS STEEL (SSS)
 - ALL INTERNAL & EXTERNAL IRONMONGERY TO 'STANLEY BUILDING' TO BRONZE METAL ANTIQUE (BMA)
 - ALL STRUCTURAL OPENINGS TO STANLEY BUILDING, SUBJECT TO ON-SITE SURVEY BY SUB-CONTRACTOR, PRIOR TO FABRICATION OF ALL DOORS/WINDOWS.
 - ALL GLAZING TO STANLEY BUILDING DOORS WITH THE EXCEPTION OF S3.5 & 3.6, SHALL BE PILKINGTON 'MINSTER' 30MIN FIRE RATED GLASS

rev	by	date	chd	amendments
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bam

BAM Design Ltd
An operating company of
BAM Construction UK Ltd

Architectural
Structural Engineering
Environmental Services
Energy Design
Feasibility Studies
3D Visualisation
Building Information Modelling

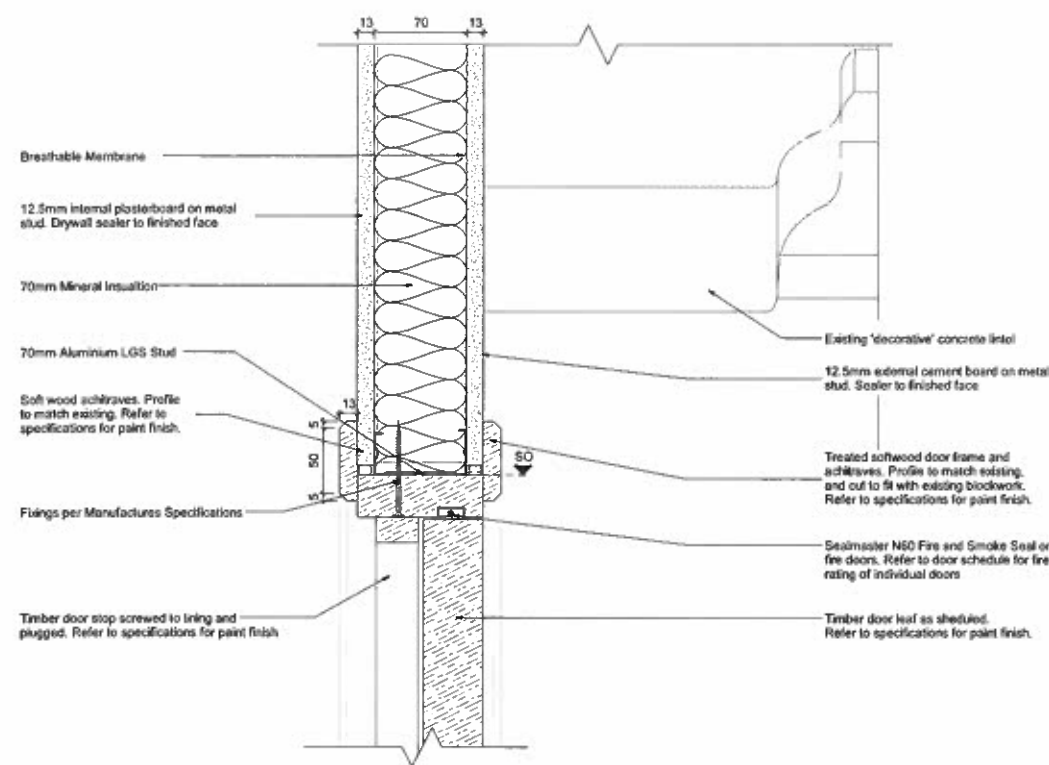
Corinthian Business Park
Corinthian Way, St Albans
Hertfordshire, AL1 3PD

T 01777 894200
E design@bam.co.uk
W www.bam.co.uk

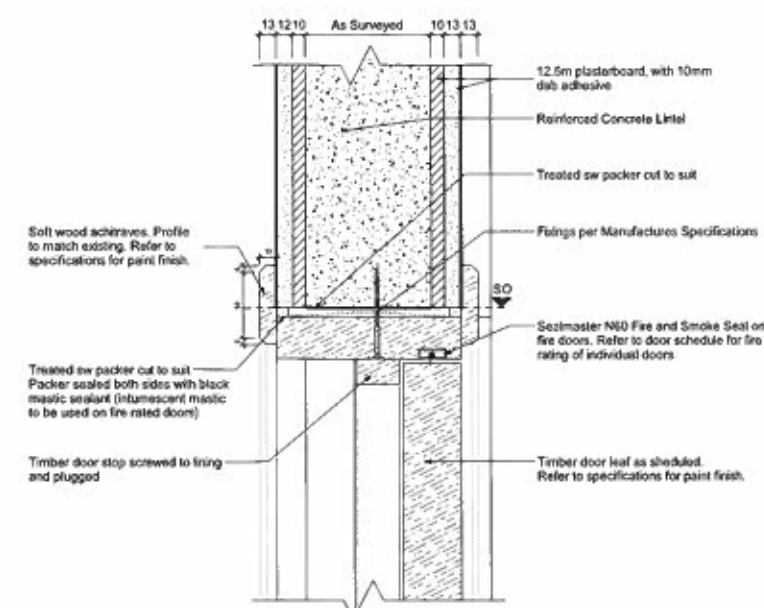
Stanley South Building - Building E1
Kings Cross Redevelopment

Stanley
External/Internal Door Type Elevations
(Stanley Building)

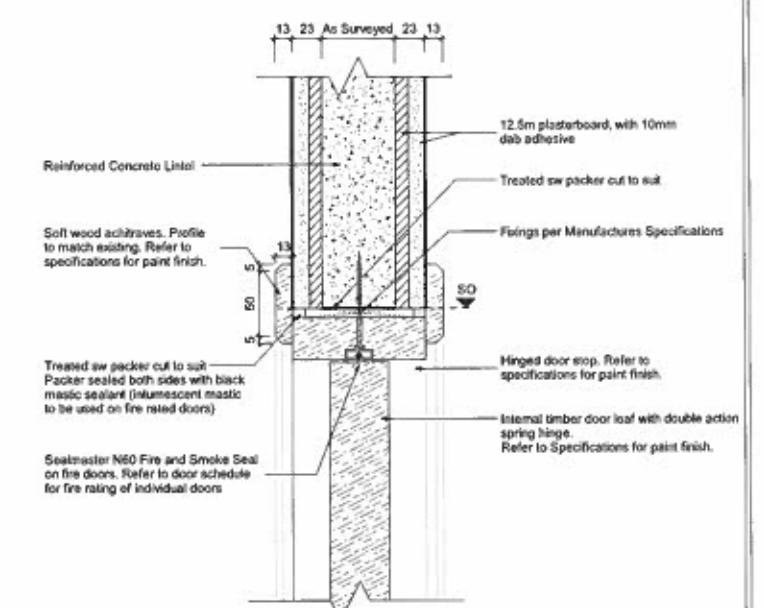
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DESIGN	Argent	DATE	03/05/13
DESIGN	STA/Mc	DATE	GP
NO	4142	ARCH	1512
NO			-



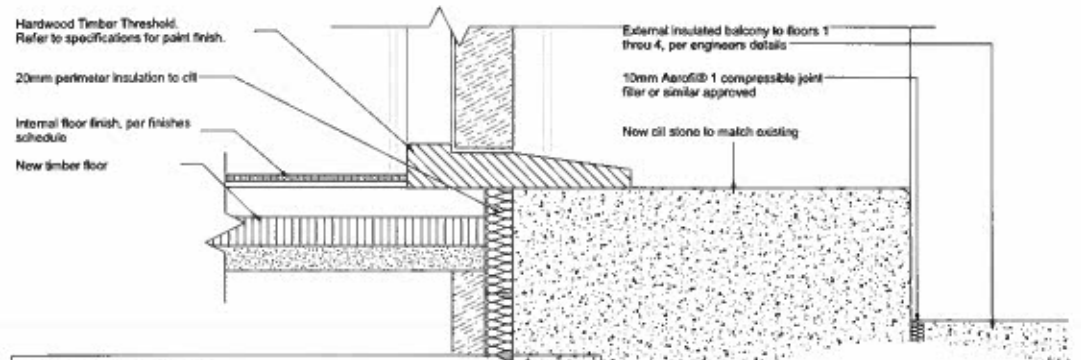
Head Detail: **HS01**
 Door Types: **External Timber Door**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)



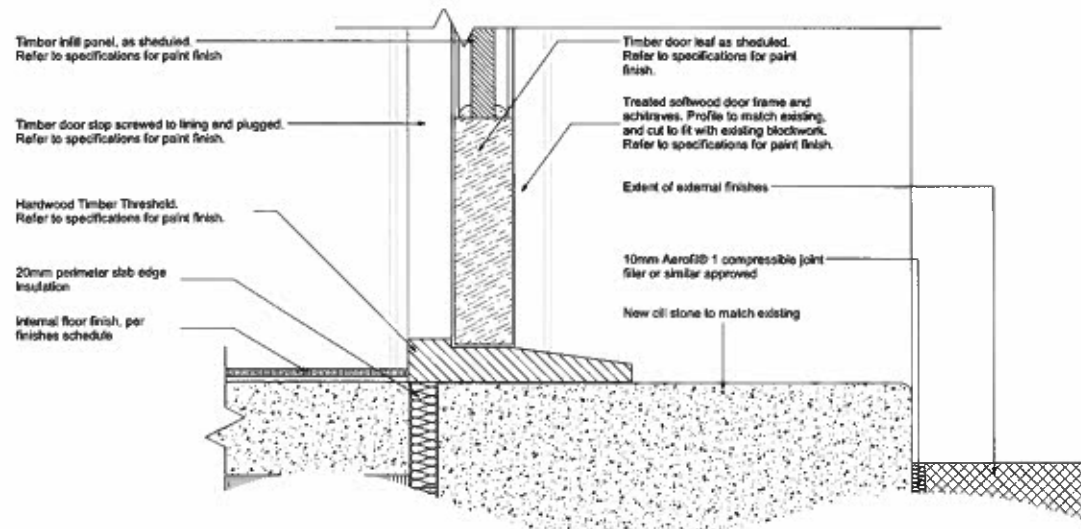
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 Door Types: **Internal Timber Door**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)



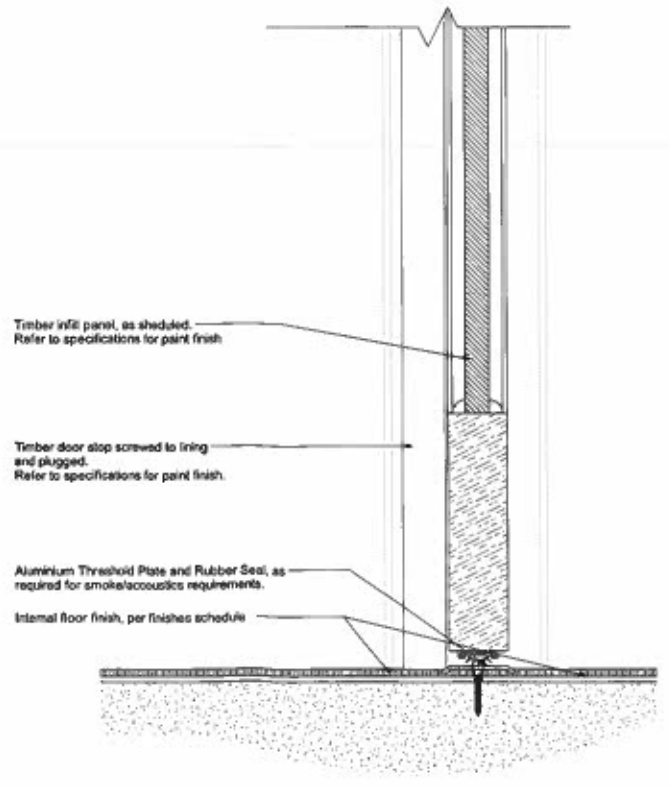
Head Detail: **HS05**
 Door Types: **Internal Timber Door**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)



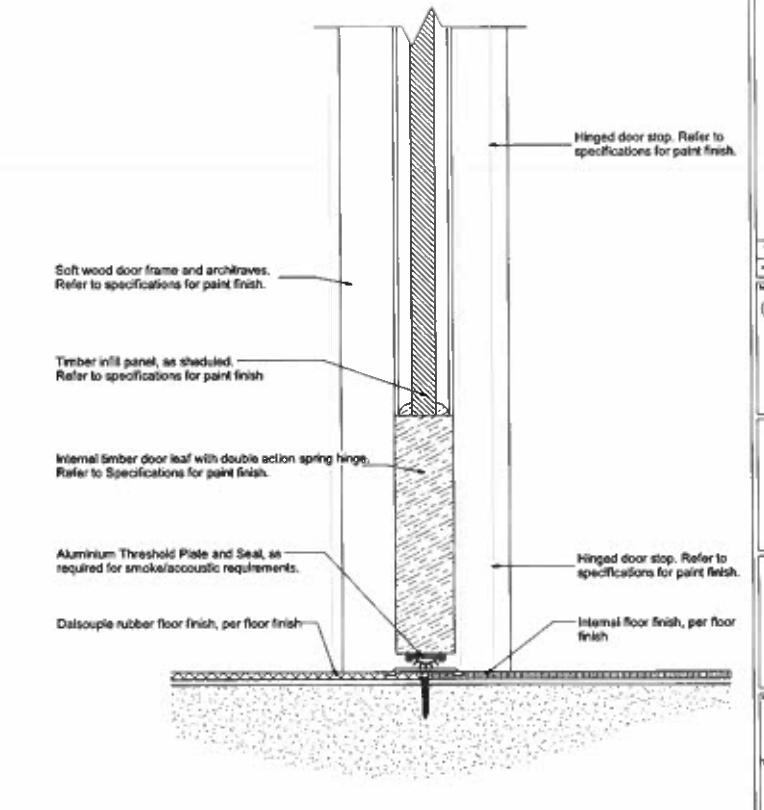
Threshold Detail: **TS01a**
 Door Types: **External Timber Door (upper floors)**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)



Threshold Detail: **TS01**
 Door Types: **External Timber Door (ground floor only)**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)



Threshold Detail: **TS04**
 Door Types: **Internal Timber Door**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)



Threshold Detail: **TS05**
 Door Types: **Internal Timber Door (Hinge to swing 180°)**
 (Refer to Door Schedule for Hardware & Fire Rating Requirements)

DO NOT SCALE FROM THIS DRAWING
 ALL DIMENSIONS TO BE CHECKED ON SITE

Rev	Date	By	Check	Description
1	11/05/10	GP		Issue 1: First Issue

Key plan

ARGENT

bam

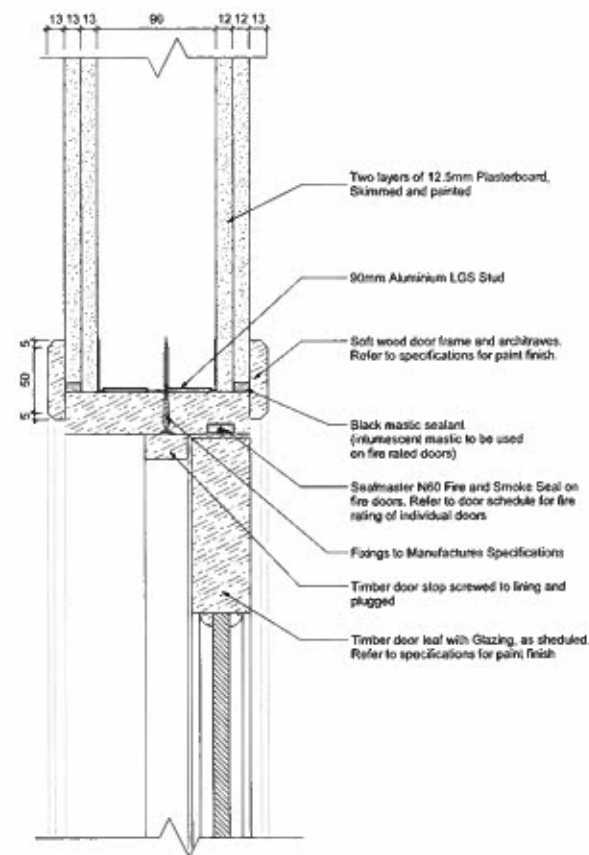
Stanley South Building - Building E1
 Kings Cross Redevelopment

Stanley
 Internal & External Door Head/Threshold Details
 Sheet 1 of 2

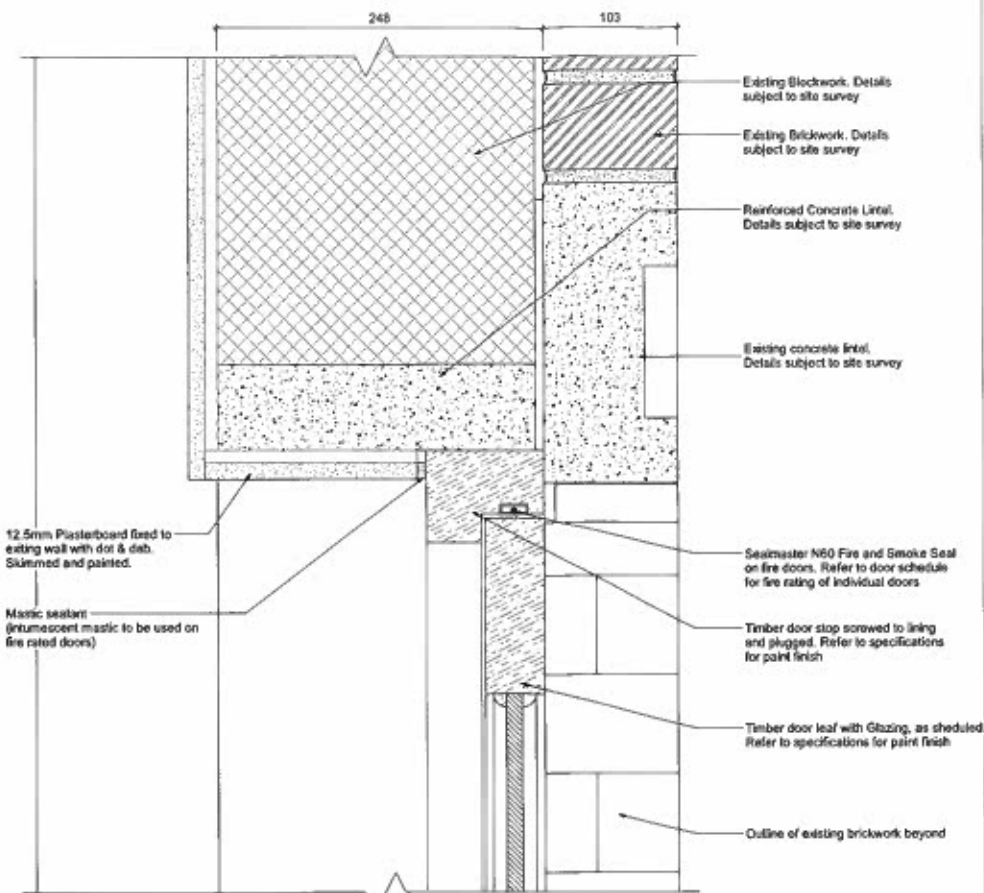
FOR COMMENT

Rev	Date	By	Check	Description
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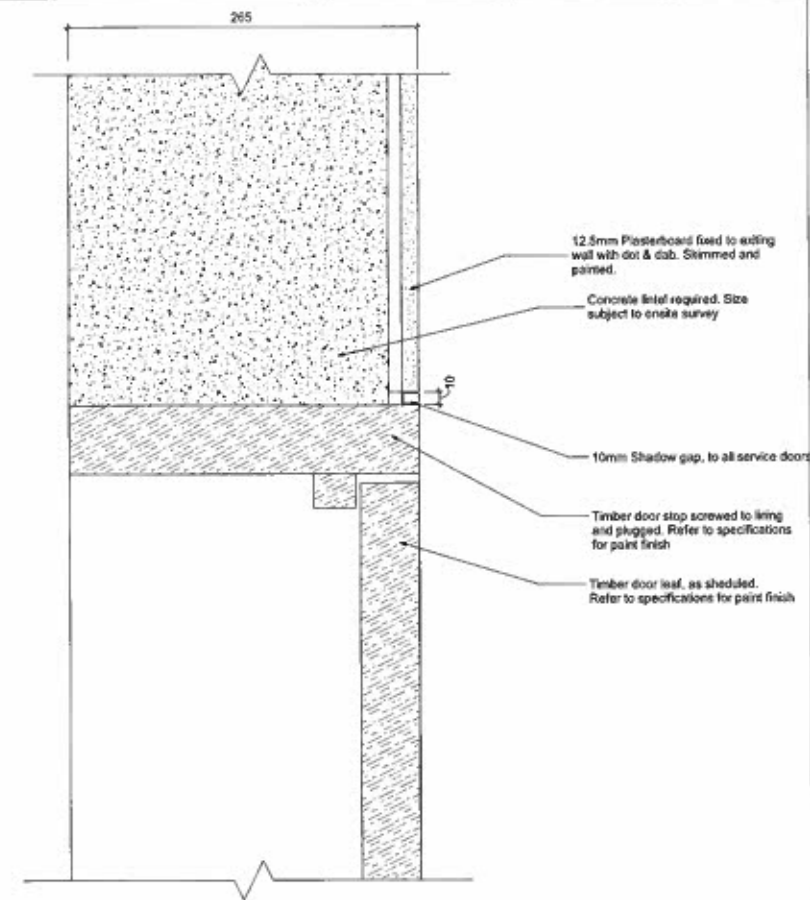
4142 ARCH 1530 A



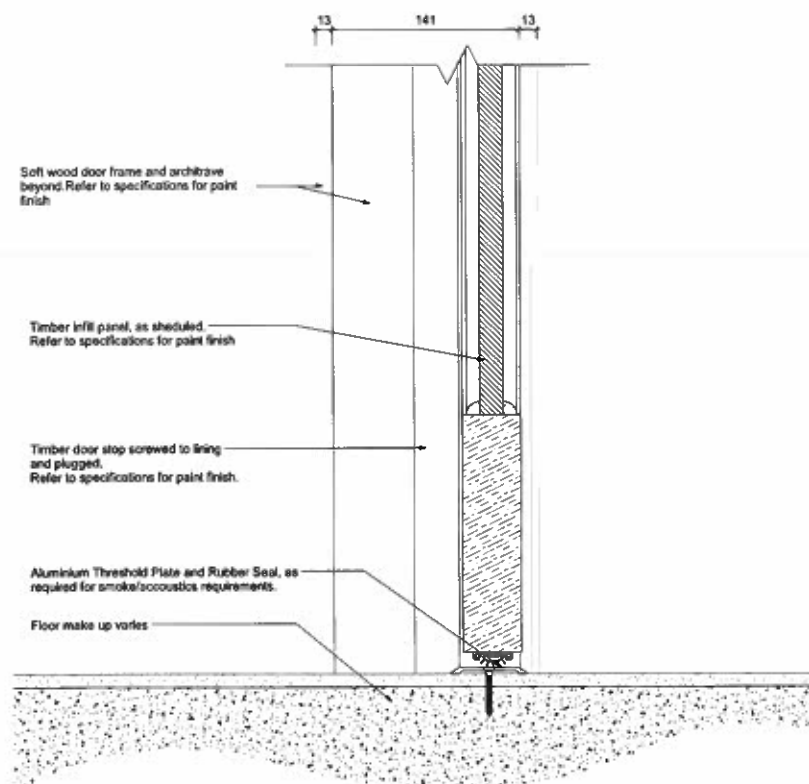
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Door Types: **Internal Timber Door**
(Refer to Door Schedule for Hardware & Fire Rating Requirements)



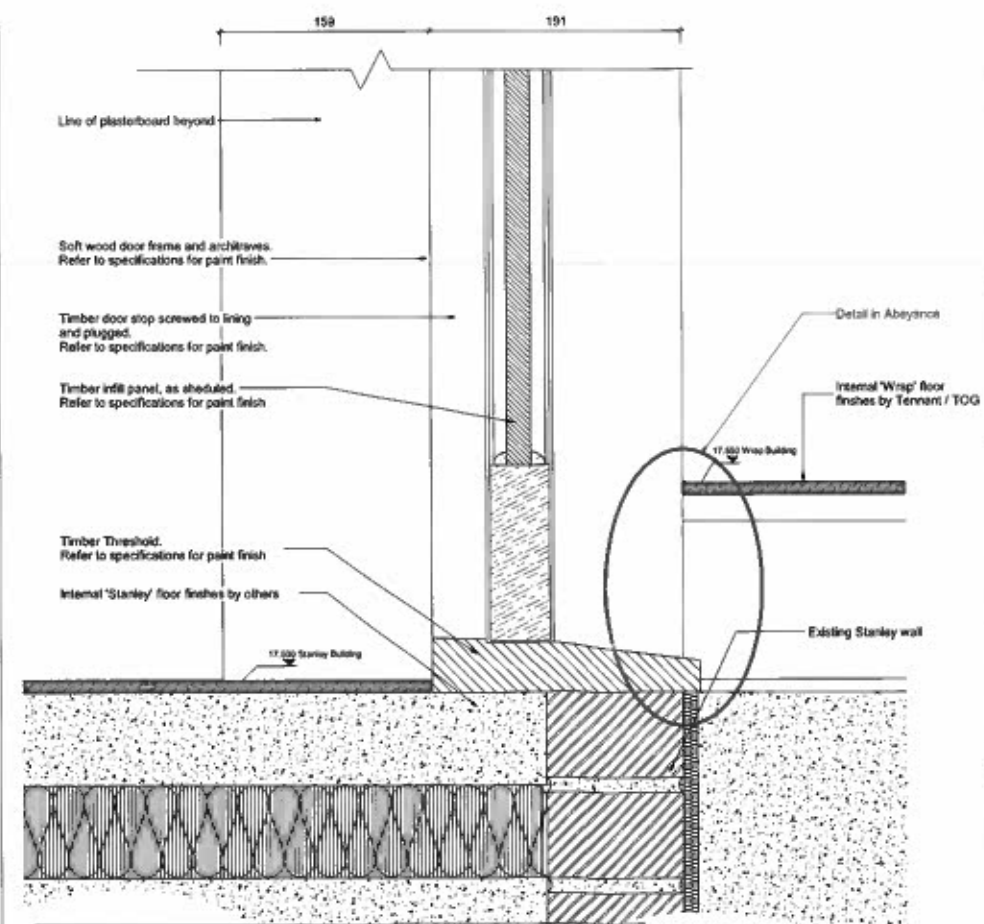
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Door Types: **External Timber Door**
(Refer to Door Schedule for Hardware & Fire Rating Requirements)



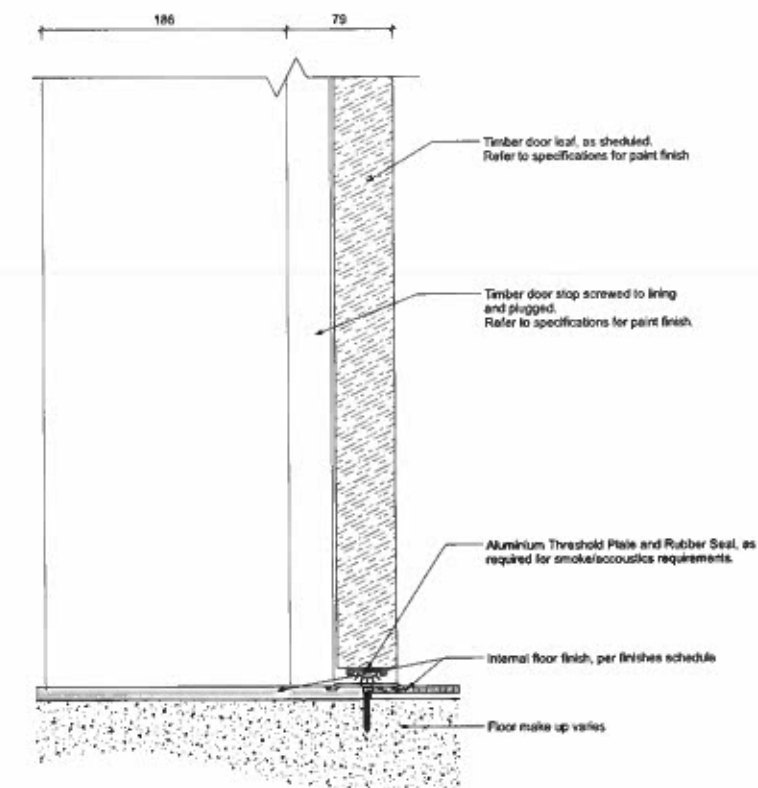
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Door Types: **Internal Timber Door**
(Refer to Door Schedule for Hardware & Fire Rating Requirements)



Threshold Detail: **TS06**
Door Types: **Internal Timber Door**
(Refer to Door Schedule for Hardware & Fire Rating Requirements)



Threshold Detail: **TS03**
Door Types: **Internal Timber Door**
(Refer to Door Schedule for Hardware & Fire Rating Requirements)



Threshold Detail: **TS07**
Door Types: **Internal Timber Door**
(Refer to Door Schedule for Hardware & Fire Rating Requirements)

DO NOT SCALE FROM THIS DRAWING
ALL DIMENSIONS TO BE CHECKED ON SITE

REV	BY	DATE	DESCRIPTION
1	ARGENT	03/20/13	Issue for comment

ARGENT

bam

Stanley South Building - Building E1
Kings Cross Redevelopment

Stanley
Internal & External Door Head/Threshold Details
Sheet 2 of 2

FOR COMMENT			
DATE	1:2 @ A0	DATE	
BY	ARGENT	DATE	03/20/13
CHKD	ARGENT	DATE	
4142	ARCH	1531	

