

### STEEL SECURITY DOOR SPECIFICATION

#### DOOR LEAF:

##### MATERIAL

- 1.5mm (+/- 0.11) ZINTEC SHEETS (IN ACCORDANCE WITH BS EN 10152)

##### CONSTRUCTION

- DOUBLE SKINNED WELDED CONSTRUCTION WITH INTERNAL REINFORCING CHANNELS WITH RESIN BONDED HONEY COMB CORE WITH STEEL INTERNAL BRACING AROUND APERTURES.
- OVERALL THICKNESS 66mm EXTERNAL.
- INTEGRAL LOCK FORMED AND WELDED LIPPED EDGE TO ACTIVE LEAF.
- RECESSED VERTICAL EDGE TO THE INACTIVE LEAF TO RECEIVE ACTIVE LEAF LIPPED EDGE AND GIVE A FLUSH EXTERNAL FACE.
- INTERNAL REINFORCEMENT AROUND LOCKS STAYS AND SHOOT BOLTS.
- PIERCED AND REINFORCED WITH 3mm GALVANIZED BACK PLATES TO RECEIVE FLUSH MOUNTED HINGES.
- 10mm EARTH BONDING LUG TO BOTTOM CORNER OF EACH LEAF.

#### DOOR FRAME:

##### MATERIAL

- 2mm (+/- 0.11) ZINTEC SHEETS (IN ACCORDANCE WITH BS EN 10152)

##### CONSTRUCTION

- FOLDED SINGLE REBATE FRAME WITH FULLY WELDED CORNERS.
- FRAME HEAD TO BE FLUSH WITH EXTERNAL FRAME FACE BUT ALLOW FOR SOFFIT LINTELS (NOT WRAP ROUND)
- FRAMES PIERCED WITH 20mm HOLE TO ALLOW FIXING POINTS (MAX 600mm CENTRES) WITH 4mm PUNCHED SLOTTED FIXING STRAPS WELDED TO FRAME.
- 10mm EARTH BONDING LUG TO BOTTOM CORNER OF EACH LEAF.

#### IRONMONGERY:

- HEAVY DUTY FLUSH FITTING MORTISED STAINLESS STEEL 125mm LIFT OFF HINGES (6 No. PER LEAF)
- DOG BOLTS REQUIRED - 9 No. MINIMUM PER LEAF
- HEAVY DUTY SINGLE POINT LOCKING SYSTEM, TO COMPLY WITH SECURITY RATING & CUSTOMER CYLINDER
- ALL EXTERNAL DOORS TO BE SELF LOCKING - LOCK TO BE AUTO DEADLOCK SYSTEM.
- LOCKING CYLINDER TO BE SUPPLIED BY CUSTOMER.
- HEAVY DUTY, AUTO 95 DEGREE HOLD OPEN, LIMITING, DOOR STAY, WITH BUFFER OPERATION. TO BE 'ZEROPLUS 7000 SERIES, SURFACE FIXED DOOR STAY, REFERENCE 2108' OR SIMILAR APPROVED
- HEAVY DUTY TOWER BOLTS TO INACTIVE LEAF, WITH EITHER MONKEY TAIL OR BOW HANDLES

#### FINISH:

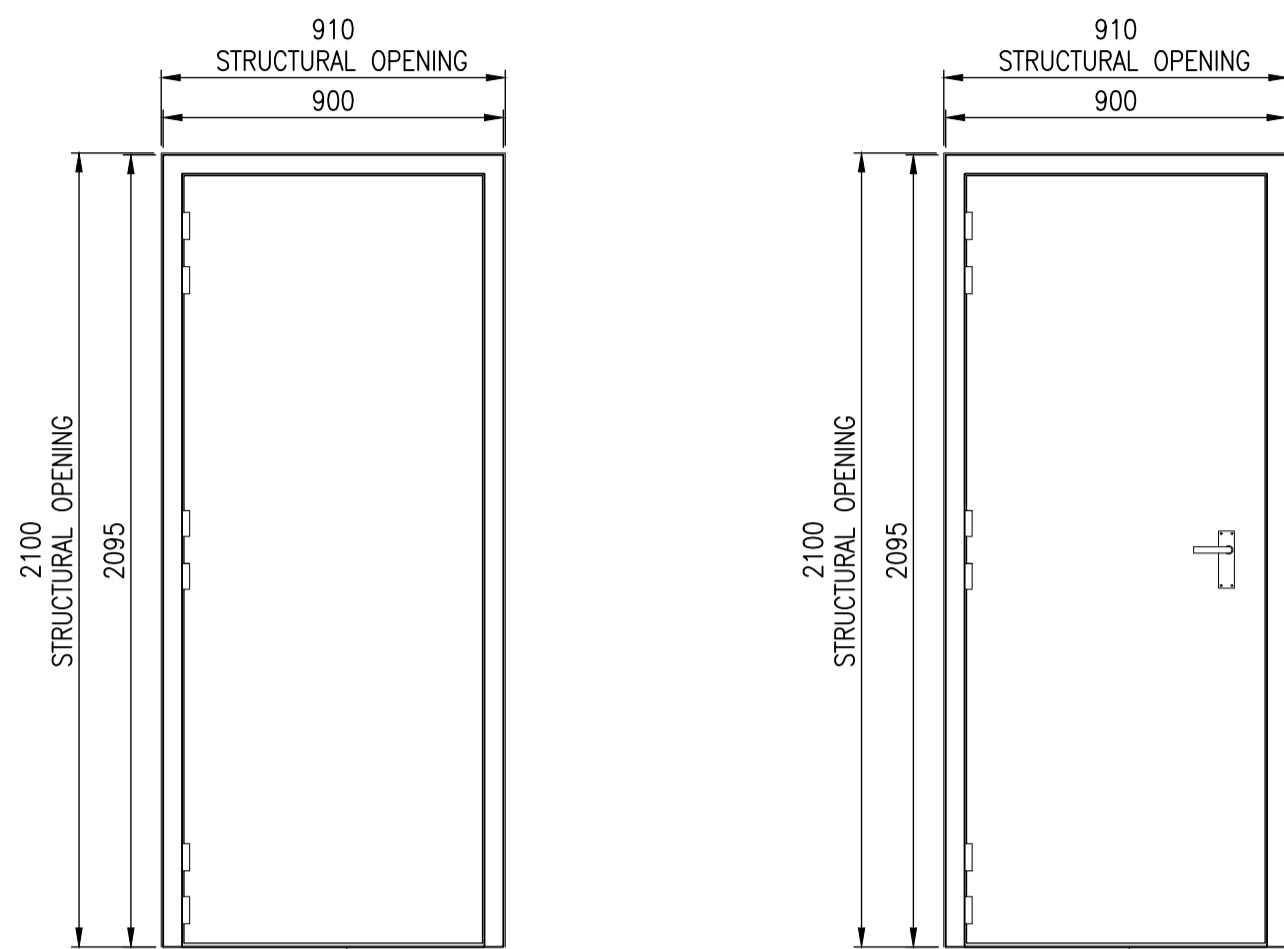
- POWDER COATED ZINC RICH MARINE GRADE, TEXTURED  
COLOUR: GREY, RAL 7016

#### HANDING:

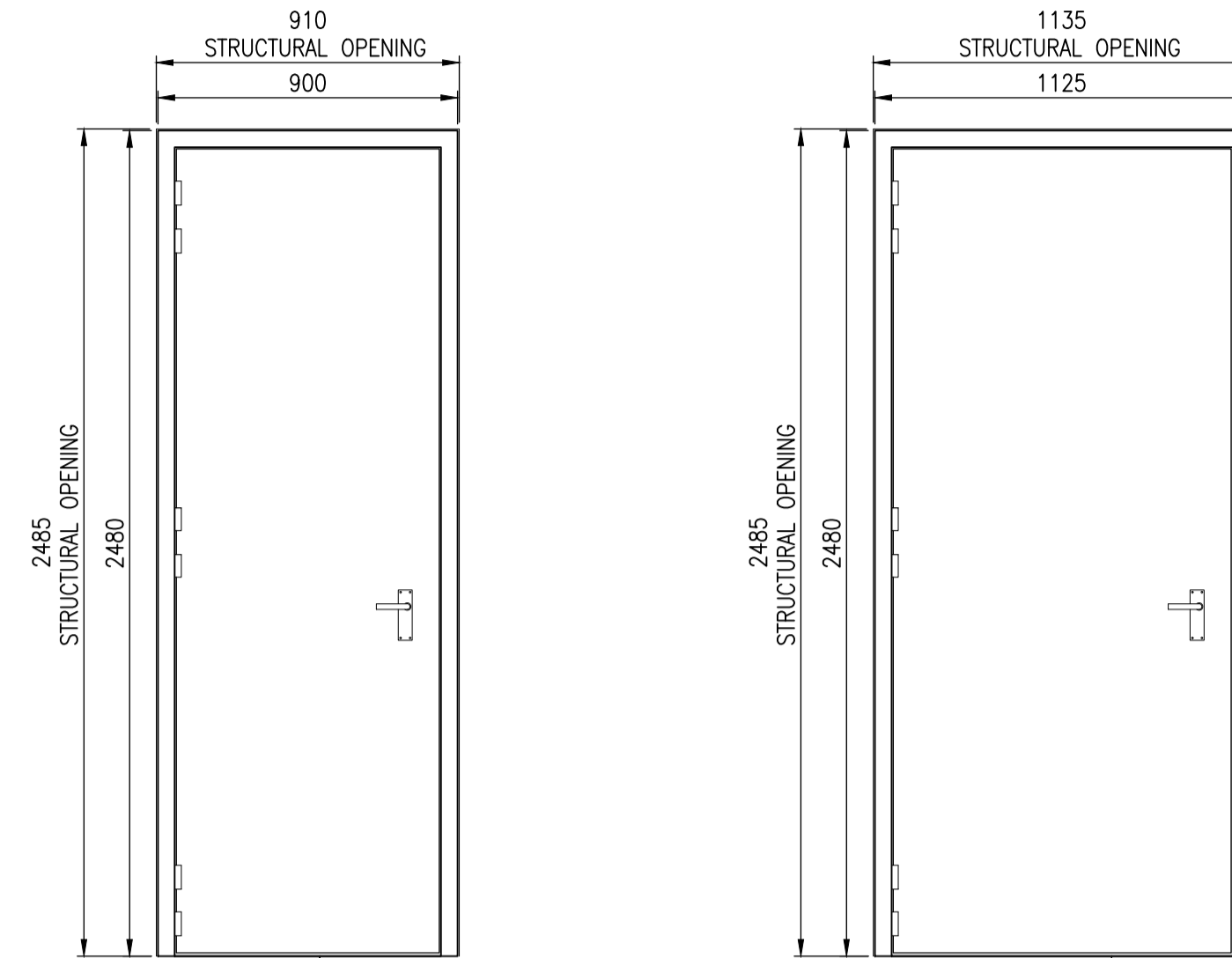
- REFER TO FLOOR LAYOUT GA'S FOR INDIVIDUAL DOOR HANDING REQUIREMENTS

#### GENERAL:

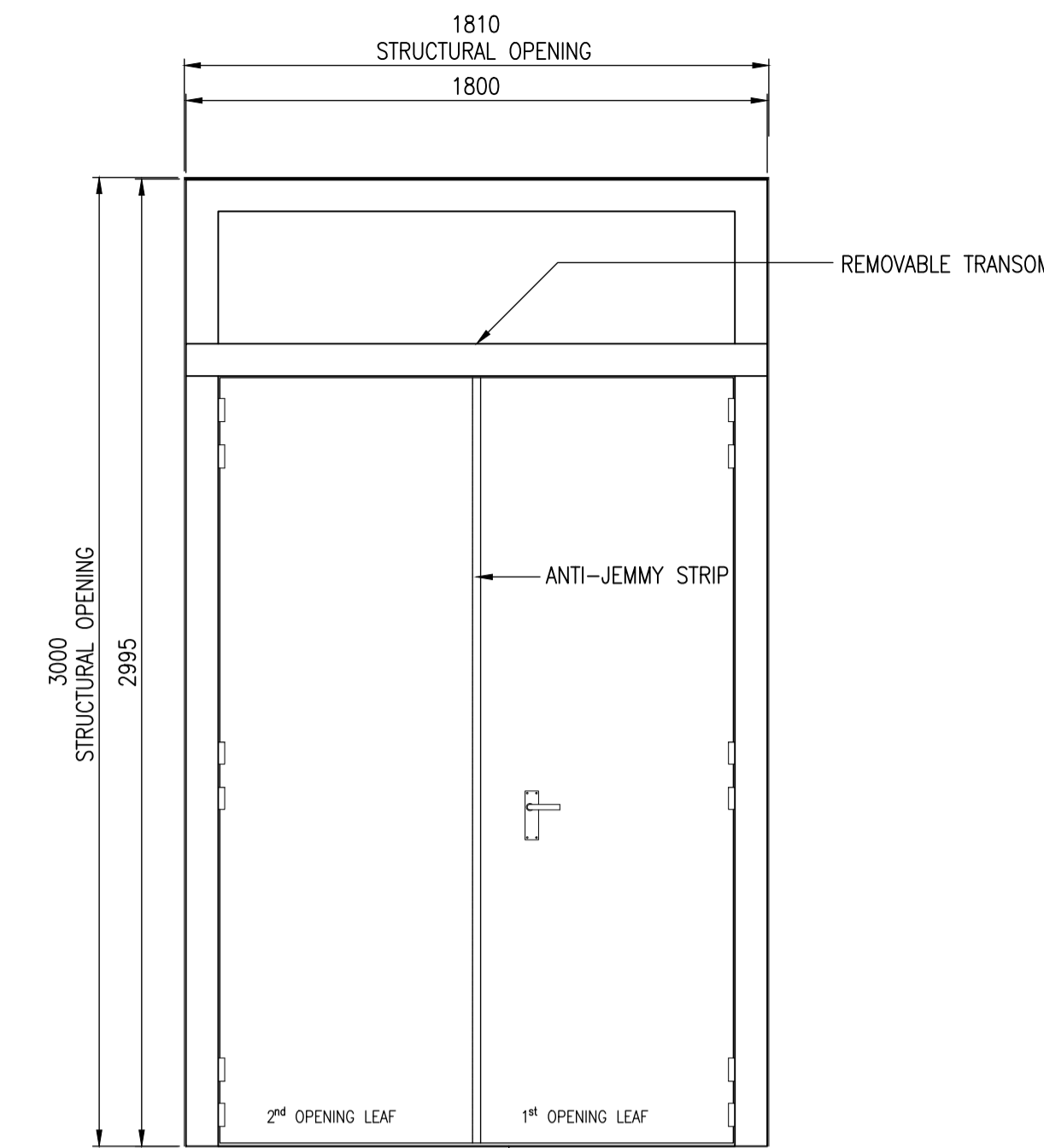
- DOORS CERTIFIED TO SEAP CLASS 3/LPCB LPS 1175 LEVEL 4
- ALL STRUCTURAL OPENINGS TO BE MEASURED ON SITE PRIOR TO MANUFACTURE
- FABRICATION DRAWINGS TO BE PROVIDED FOR ACCEPTANCE PRIOR TO MANUFACTURE.
- DOORS TO BE SUPPLIED TO SITE WITH BONDED FLEXIBLE EARTH CONNECTION BETWEEN DOORS / FRAMES.
- DOORS TO BE SUPPLIED TO SITE WITH TEMPORARY CYLINDERS FOR USE DURING CONSTRUCTION. DOOR MANUFACTURER TO PROVIDE RETURN VISIT TO INSTALL PERMANENT CUSTOMER APPROVED LOCKING CYLINDERS, UPON COMPLETION OF SUBSTATION.



**TYPE 1** FLAT BAR THRESHOLD, SUPPLIED BY DOOR MANUFACTURER  
**TYPE 2** FLAT BAR THRESHOLD, SUPPLIED BY DOOR MANUFACTURER



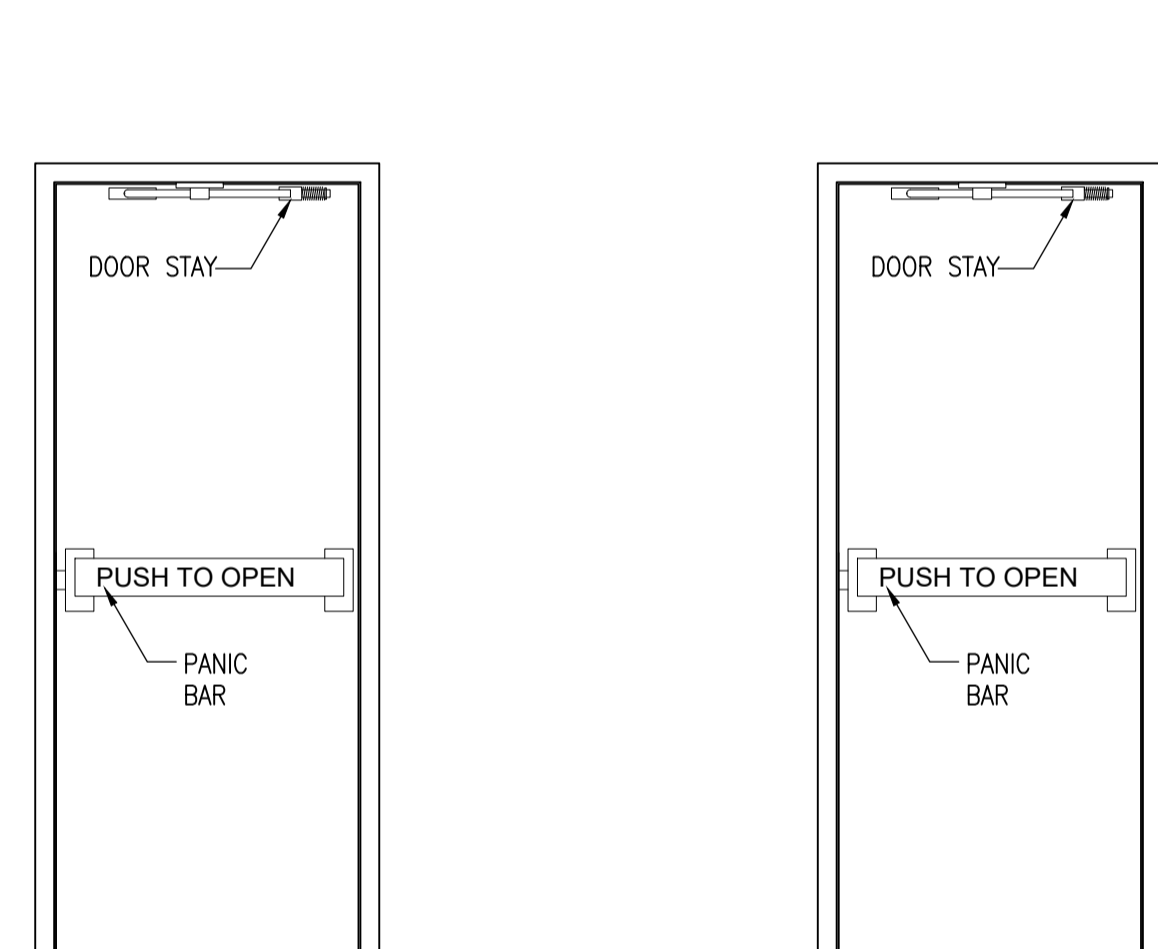
**TYPE 3** FLAT BAR THRESHOLD, SUPPLIED BY DOOR MANUFACTURER  
**TYPE 4** FLAT BAR THRESHOLD, SUPPLIED BY DOOR MANUFACTURER



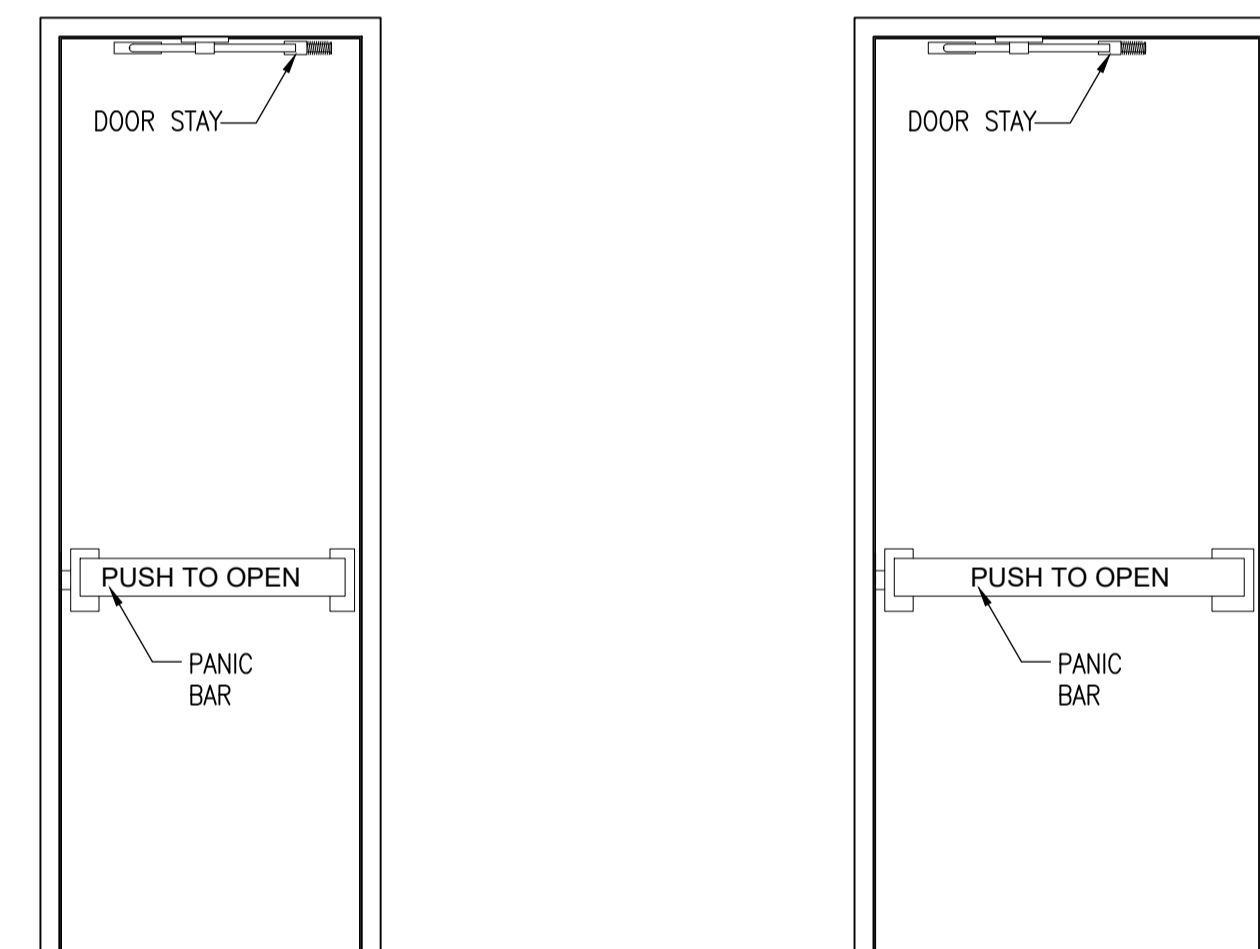
**TYPE 5** FLAT BAR THRESHOLD, SUPPLIED BY DOOR MANUFACTURER

### EXTERNAL DOORS VIEWED FROM OUTSIDE

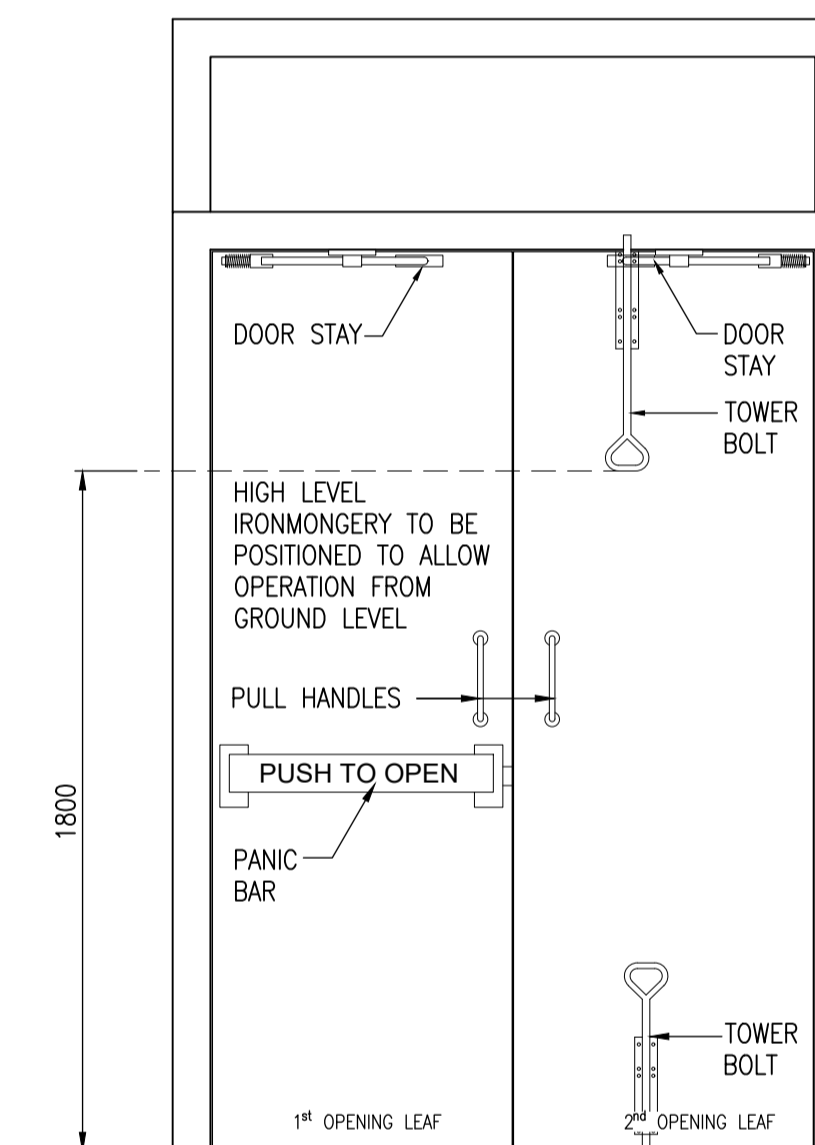
(SCALE 1:20)



**TYPE 1** **TYPE 2**



**TYPE 3** **TYPE 4**



**TYPE 5**

### EXTERNAL DOORS VIEWED FROM INSIDE

(SCALE 1:20)



Client:	AXA		
Project:	NTT COMMUNICATION DATA CENTRE		
Title:	DOOR DETAILS SWITCH HOUSE BUILDING		
Status:	CONSTRUCTION		
Scale :	AS NOTED	Date :	14.06.18
Drawn :	A.TEASDALE	Checked :	M.LOWE
		Approved :	G.ARMITAGE
Client Dwg No. :		Rev :	<b>B</b>
FPS Dwg No. :	80-409071-109		

REVISION:	A	REVISION:	B
DRAWN:	A.TEASDALE 03.01.19	DRAWN:	A.TEASDALE 30.01.19
CHECKED:	G.ARMITAGE 03.01.19	CHECKED:	M.LOWE 30.01.19
APPROVED:	G.ARMITAGE 03.01.19	APPROVED:	G.ARMITAGE 30.01.19

FOR CONSTRUCTION

DOOR COLOUR REVISED