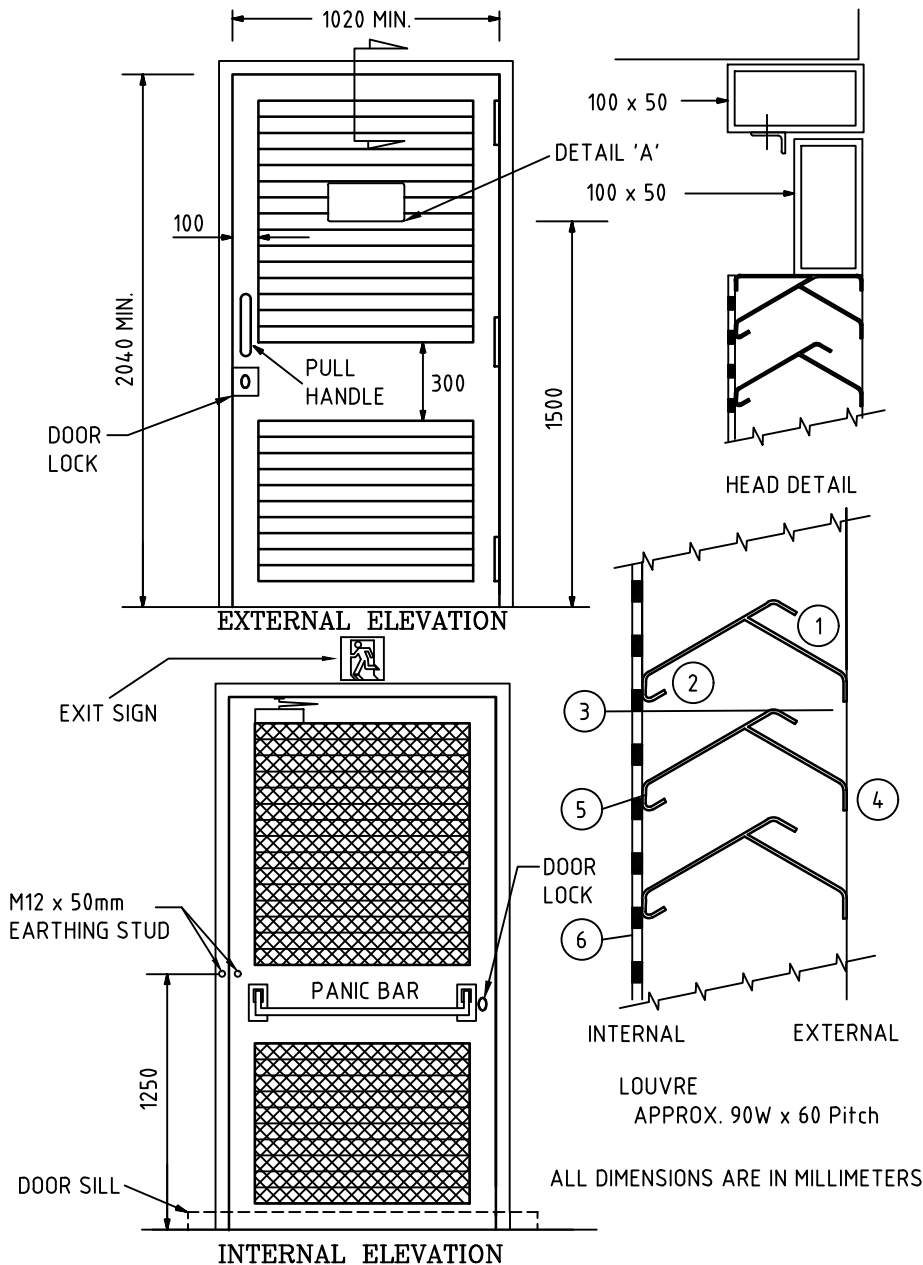


LOUVRE DOOR, PERSONNEL ACCESS & ESCAPE (SINGLE)

TYPICAL CONFORMING DOOR (alternatives considered)



ALL DIMENSIONS ARE IN MILLIMETERS

BCA REQUIREMENTS

ESCAPE HARDWARE	LEVER HANDLE BETWEEN 900 & 1200 ABOVE FFL	D2.21
DOOR HEIGHT	MINIMUM CLEAR UNOBSTRUCTED HEIGHT 1980mm.	D1.6(a)
DOOR WIDTH	MINIMUM CLEAR UNOBSTRUCTED WIDTH 750mm.	D1.6(f)

EVOENERGY REQUIREMENTS

DIRECTION OF SWING	TO SWING IN THE DIRECTION OF ESCAPE (PUSH OUTWARDS)	
ELECTRIC DOOR RELEASE	NOT PERMITTED	
BUND	100 x 100 MINIMUM MASONRY BUND SILICON SEAL TO SILL & WALL	
EXIT SIGN	EXIT SIGNS SHALL COMPLY WITH THE REQUIREMENTS OF AS2293.3	
EARTHING STUD	TO BE WELDED IF STEEL DOOR/FRAME. USE AUSTENITIC STAINLESS STEEL M12X50MM (OR SUITABLE LENGTH) NUTSERT/BOLT ASSEMBLY FOR ALUMINIUM DOOR/FRAME TO ESTABLISH SECURE EARTH BONDING CONNECTION.	

SHOP DRAWINGS FOR ALTERNATIVES ARE TO BE PRESENTED TO EVOENERGY FOR APPROVAL

HINGES:-

STAINLESS STEEL FIXED PIN HINGES
Min. 3 / DOOR LEAF 100 X 100 x 2.6
MINIMUM SIZE 'LANE', 'TRIO' OR EQUAL.

DOOR STRUCTURE:-

DOOR CONSTRUCTION TO BE ROBUST AND DURABLE. PROVIDE LOCK BOXES AND OR MID-RAILS TO ENSURE ADEQUATE FINGER CLEARANCE AROUND HARDWARE AND DOOR FURNITURE.

LOUVRES & VERMIN PROOFING:-

WEATHER PROOF SAFETY LOUVRES TO RESTRICT OBJECTS BEING PUSHED BETWEEN THE BLADES. McKECHNIE No.9517 OR APPROVED EQUAL.
VERMIN PROOFING ALUMINIUM 'ORNAMESH' CA1615 OR 'EXPAMET' 09.16AL.

LOUVERS:- APPROX. 90W x 60 PITCH.

1. TRAP No.1
2. TRAP No.2
3. OBSCURED SIGHT LINE
4. STIFFENED OUTSIDE EDGE
5. FLAT BLADE EDGE FOR FIXING MESH
6. VERMIN PROOF MESH

DOOR LOCK / FURNITURE:-

'ABLOY CY504T OR CY 414T' KEY CYLINDER OUTSIDE
PANIC BAR INSIDE FOR ESCAPE.
"D" PULL 16Dia. x 100Min. SECURED TO FRAME WITH AMPLE FINGER CLEARANCE.

KEY CYLINDER:-

EVOENERGY EXCLUSIVE KEY PROFILE

DOOR CLOSER:-

SURFACE MOUNTED PARALLEL ARM.

DOOR OPERATION:-

DOOR TO OPEN OUT (PUSH OUTWARDS)
KEY WITHDRAWS LATCH BOLT.
PANIC BAR INSIDE FOR ESCAPE WITHOUT A KEY AT ALL TIMES.

THRESHOLD & BUND:-

100 x 100 BUND. SEAL TO SILL & WALL

AUSTRALIAN STANDARDS

SAFETY SIGNS AS1319
"DANGER HIGH-VOLTAGE-KEEP OUT"
WITH SYMBOL 350W x 175H - ENA DOC 015



F	DOOR LOCK TYPE AMENDED	14/11/2018	F. Hunnemann	W. Ibrahim
G	EARTHING REQ. ADDED & SIGNAGE HEIGHT SPECIFIED - KV	2/08/2021	N. Azizi	W. Cleland
H	DOOR LOCK DETAILS UPDATED - KV	11/02/2022	N. Azizi	W. Cleland
I	INTERNAL ELEVATION DOOR LOCK POSITION UPDATED - KV	6/02/2023	N. Azizi	W. Cleland
No	Revision	Date	Checked	Approved

The information contained within this drawing & associated electronic file shall remain the property of Evoenergy and shall not be copied or used for any other purpose without express written permission from Evoenergy. © Evoenergy. 2018.
ACT Cadastral information supplied by the ACT Environment & Sustainable Development Directorate. © ACT Gov. 2018.

evoenergy

LOUVRE DOOR (SINGLE)
FOR INDOOR CHAMBER
SUBSTATION

Project No: _____ Status: **Current**

Work Pack No: _____ File: _____

Drawn: R. Chalmers Date: 19/09/1997

Designed: A-NNR

Checked: _____

Approved: F. Argue

A4 4951-28 REV 1