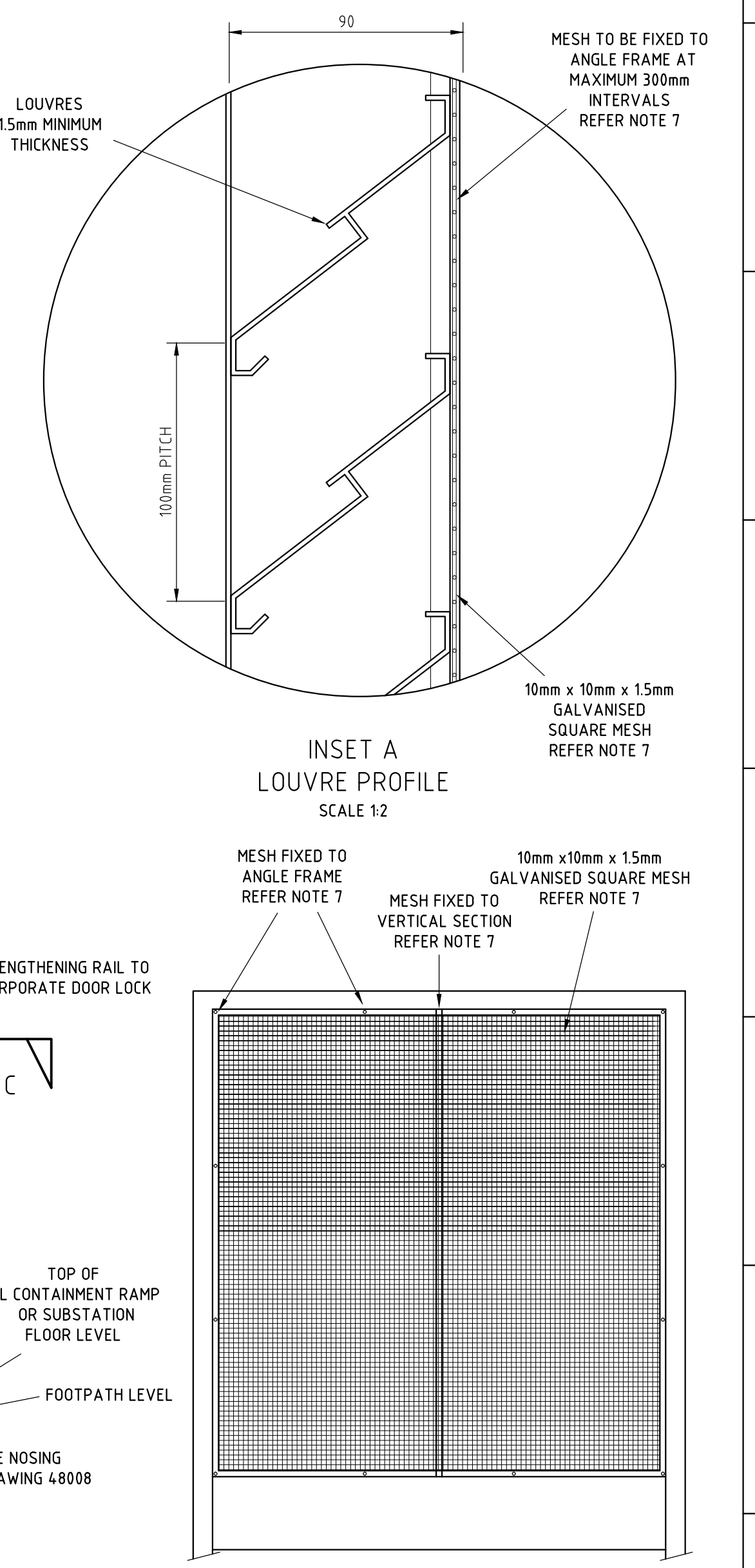


- NOTES**
- GENERAL**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NETWORK STANDARDS 113 AND 114.
- DOOR OPENINGS**
- THE BUILDER SHALL ENSURE THE MASONRY OPENING IS SIZED TO ALLOW FOR COMPLETE DOOR AND DOOR JAMB ARRANGEMENT, NOTING THAT CLEAR OPENING SIZES STATED IN NETWORK STANDARDS 113 MUST BE MET.
  - LOUVRED DOORS AND PANELS ARE NOT TO EXCEED 3.2 METRES IN HEIGHT, WHERE CEILING HEIGHT IS GREATER THAN 3.2 METRES THE ADDITIONAL HEIGHT IS TO BE FILLED WITH A LOUVRED PANEL. IF EQUIPMENT ACCESS REQUIRES AN OPENING OF MORE THAN 3.2 METRES, THE TOP OF THE LOUVRED DOOR FRAME AND THE LOUVRED PANELS ARE TO BE READILY REMOVABLE.
- DOOR AND FRAME CONSTRUCTION**
- ALL DOORS ARE TO BE FULLY LOUVRED, CONSTRUCTED ENTIRELY OF ALUMINIUM AND BE FREE OF SHARP PROTRUSIONS. ALL DOOR FRAME JOINTS ARE TO BE WELDED.
  - THE EFFICIENCY OF THE LOUVRED PANELS SHALL NOT CAUSE A REDUCTION IN NET AREA OF MORE THAN 35%.
  - ALL ALUMINIUM PARTS OF THE DOOR PANELS AND FRAME SHALL BE GIVEN A GRADE A COATING (20 MICRONS) OF ANODISING, FINISHED WITH ONE COAT OF CLEAR METHACRYLATE LACQUER OR CAN BE POWDER COATED WITH A POLYESTER POWDER FINISH TO AS3715 AFTER PRE-TREATING TO AS1627.4. IN BOTH CASES THE FINISH COLOUR IS TO SUIT THE BUILDING REQUIREMENTS.
  - ALL DOORS SHALL HAVE A FRAME OF ALUMINIUM ANGLE FIXED TO THE INSIDE OF THE DOOR FRAME FOR SECURE ATTACHMENT OF ONE LAYER OF 10mm x 10mm x 15mm GALVANISED SQUARE MESH. THE MESH IS TO BE FIXED AT APPROXIMATELY 300mm CENTRES TO THE ANGLE FRAME. THE MESH SHALL NOT BE ATTACHED TO THE LOUVRES. TO PREVENT EXCESS MESH FLEXING, DOORS OVER 1500mm WIDE REQUIRE MESH TO BE ALSO FIXED TO A VERTICAL SECTION FITTED ALONG THE CENTRE LINE OF THE PANEL.
- DOOR HARDWARE**
- ALL DOORS SHALL BE HUNG ON THEIR FRAMES WITH A MINIMUM OF 4 x 100mm HEAVY DUTY NON-CORRODING HINGES, SUCH THAT THE CENTRE LINE OF THE DOOR IS DIRECTLY OVER THE THRESHOLD WHEN THE DOOR IS IN THE CLOSED POSITION.
  - THE TRANSFORMER DOORS ARE TO BE FITTED WITH LOCKWOOD 791 SERIES HEAVY DUTY SKELETON BOLTS OF NON-CORRODING MATERIAL AT THE TOP AND BOTTOM OF THE DOOR PANELS. THE TOP SKELETON BOLT IS TO BE 100mm LONG WHILE THE BOTTOM SKELETON BOLT IS TO BE 300mm LONG. ALL SKELETON BOLTS MUST HAVE THE STAINLESS STEEL RETAINING SPRINGS AND ARE TO ACHIEVE A MINIMUM PENETRATION OF 25mm INTO THE SOCKETS.
  - PERSONNEL DOORS ARE TO BE FITTED WITH A LOCKWOOD 3572 SERIES LATCH BOLT WITH OVAL CYLINDER, OPERATED BY KEY FROM THE OUTSIDE AND A PLAIN LEVER HANDLE, SUCH AS A LOCKWOOD 98 SERIES, FROM THE INSIDE. THE LATCH BOLT IS TO BE INCORPORATED INTO THE DOOR STRENGTHENING RAIL, SO THAT THE LEVER HANDLE IS FULLY BEHIND THE STRENGTHENING RAIL. THE LATCH SHALL BE FITTED SO THAT THERE IS NO LESS THAN 10mm ENGAGEMENT OF THE LATCH BOLT INTO THE STRIKER PLATE WHEN THE DOOR IS IN THE CLOSE POSITION. THE LATCH SHALL HAVE A 65mm BACKSET.



CAD DRAWING DO NOT MANUALLY EDIT A T E R E T E I T S	17. NEW DRAWING MADE PERSONNEL DOOR ELEVATION ADDED. FULL SECTIONS DRAWN. DETAILS OF COMBINED DOOR & PERSONNEL DOOR ALIGNED WITH NETWORK STANDARDS. PLAIN LEVER HANDLE SPECIFIED. HANDLE REMOVED. MESH MATERIAL TO INSIDE OF DOORS REVISED. NOTES REVISED. OIL CONTAINMENT RAMP ADDED TO SECTIONS 1-1 & 2-2. CEMENT RENDER DELETED. PK PM 02-2015-44-2101 P. JARVIS 14.513 CHECKED: P. TIBBIN APPROVED: P. TIBBIN	18. ANGLE FRAME FOR MESH FIXING SHOWN. INSET B AND PART DOOR ELEVATION ADDED. STRENGTHENING RAIL NOMINATED. NOTE 3 ADDED, FOLLOWING NOTES REPHRASED: NOTES 1 AND 2 UPDATED. PROJECT AND TO UPDATED. P. JARVIS 14.513 CHECKED: P. TIBBIN APPROVED: D. GRVEY
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CONSTRUCTION		<p>NETWORK STANDARD AS SHOWN</p> <p>SCALE DESIGNED: PWJ/TJA DRAWN: FCW CHECKED: JH APPROVED: JH DATE: 9.2.05</p> <p>PROJECT NUMBER</p> <p>PROJ/TRAK NUMBER</p>
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DISTRIBUTION SUBSTATIONS DETAILS OF STANDARD LOUVRED DOORS		<p>SIZE: DRAWING No B1 4-3140</p> <p>SHEET 1</p> <p>AND 18</p>
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