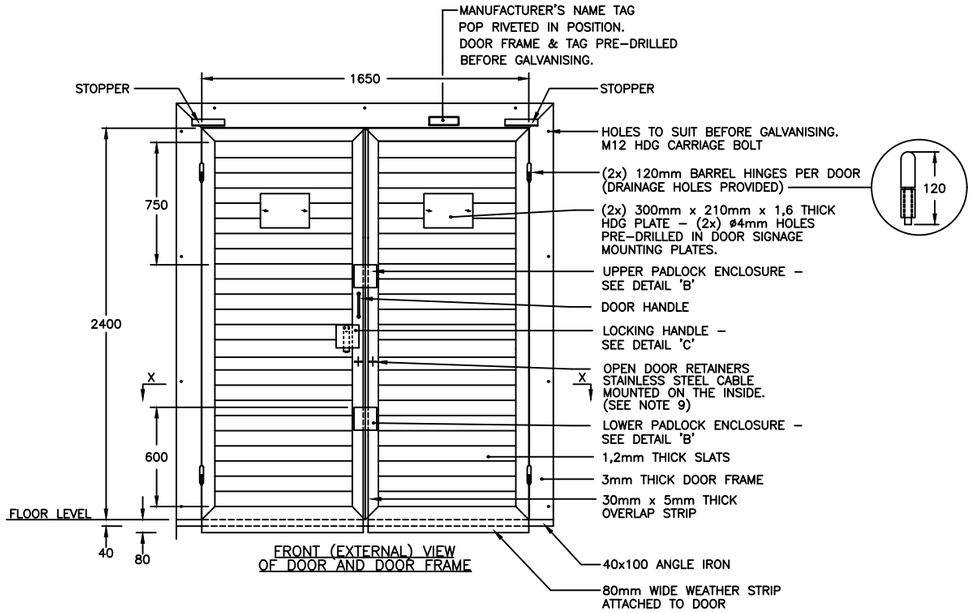
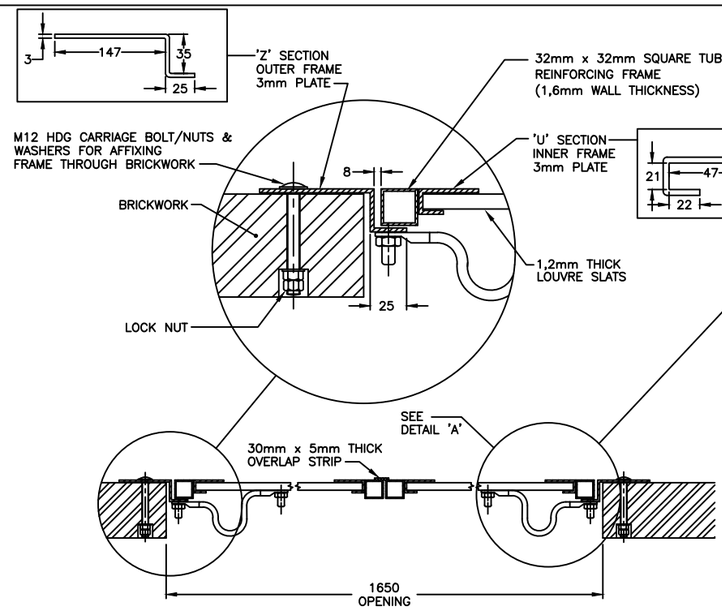
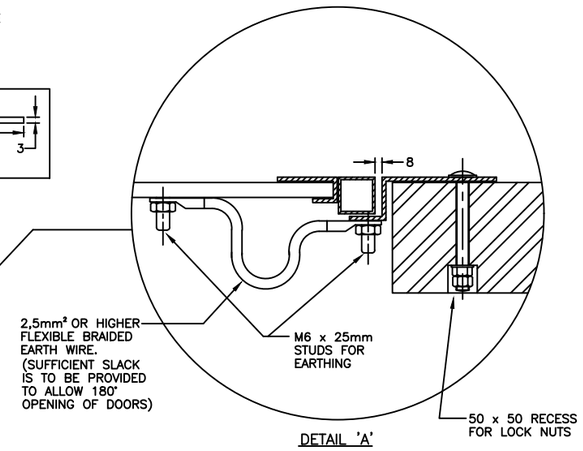


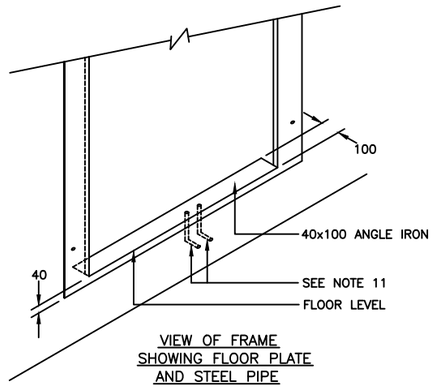
FRONT (EXTERNAL) VIEW
OF DOOR AND DOOR FRAME



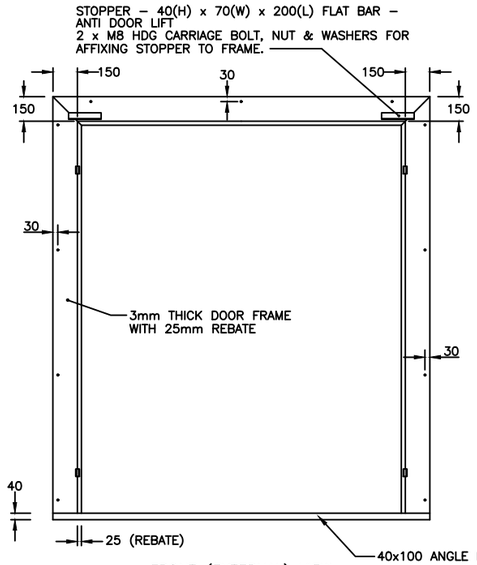
SECTION X-X



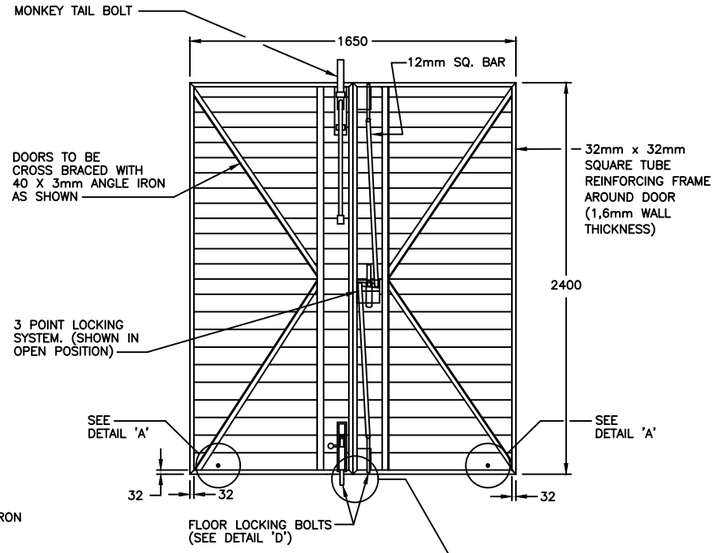
DETAIL 'A'



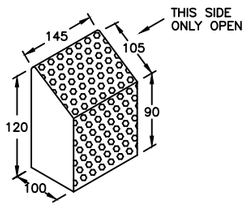
VIEW OF FRAME
SHOWING FLOOR PLATE
AND STEEL PIPE



FRONT (EXTERNAL) VIEW
OF DOOR FRAME



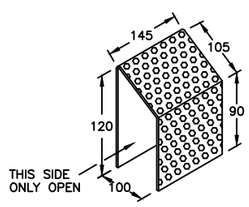
REAR (INTERNAL) VIEW
OF DOOR



DETAIL 'B'

UPPER/LOWER
PADLOCK ENCLOSURES
(WELD TO ONE DOOR ONLY)

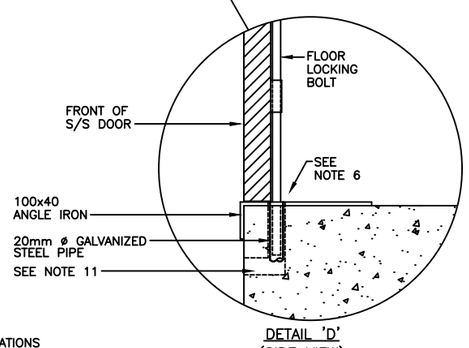
3mm THICK PERFORATED PLATE TO PROTECT
2x PADLOCKS - UPPER/LOWER
35 x 5 FLAT BAR PADLOCK LUGS WITH
15mm PREDRILLED HOLES FOR PADLOCK
CUT ON OPEN SIDES SHALL NOT BE ON PERFORATIONS



DETAIL 'C'

(LOCKING HANDLE ONLY)

ENCLOSURE OF 3mm THICK PERFORATED
PLATE TO PROTECT LOCKING HANDLE.
1x PADLOCK
35 x 5 FLAT BAR LOCKING HANDLE WITH
15mm PREDRILLED HOLES FOR PADLOCK
CUT ON OPEN SIDES SHALL NOT BE ON PERFORATIONS



DETAIL 'D'
(SIDE VIEW)

NOTES:

1. ALL DOORS TO BE HOT DIPPED GALVANIZED (HDG) IN ACCORDANCE WITH ISO 1461 FOR HEAVY DUTY APPLICATIONS.
2. ALL FABRICATION SHALL BE DONE PRIOR TO HOT DIP GALVANIZING. NO WELDING SHALL BE DONE ON SITE.
3. HANDLES SHALL BE WELDED TO ALL DOORS.
4. ALL HINGES SHALL OPEN THROUGH 180° AND MUST BE OF SOLID CONSTRUCTION.
5. ONE HALF OF THE DOOR SHALL BE FITTED WITH 760mm MONKEY TAIL BOLT AT TOP AND 300mm BARREL BOLT AT THE BOTTOM. THE BARREL BOLT DESIGN SHALL BE IN ACCORDANCE WITH DETAIL 'D'.
6. THE BOTTOM PIN OF THE 3 POINT LOCKING MECHANISM SHALL BE IN ACCORDANCE WITH DETAIL 'D'.
7. A 20mm DIAMETER GALVANIZED STEEL PIPE OF LENGTH 100mm AND WALL THICKNESS OF 3mm SHALL BE SUPPLIED TO ACCEPT THE FLOOR LOCKING BOLT OF THE 3 POINT LOCKING MECHANISM WHEN IN THE CLOSED POSITION. THIS PIPE SHALL BE EMBEDDED INTO THE CONCRETE FLOOR OF THE BUILDING.
8. THE DOOR SHALL HAVE A CLEAR OPENING OF 1650mm WIDE x 2400mm HEIGHT.
9. 2 x EYES TO BE PROVIDED FOR OPEN DOOR RETAINERS. EYES TO BE FITTED WITH 3mm STAINLESS STEEL WIRE (304) - LENGTH TO BE DETERMINED ON SITE. BOTH ENDS OF EACH WIRE TO BE FITTED WITH A SUITABLE HDG SHACKLE/ THIMBLE COMBINATION. THE CORRESPONDING ANCHORING POINT FOR THE DOOR RETAINER IN WALL TO BE A M10 x 60 STAINLESS STEEL (304) DOUBLE CLIP ANCHOR HOOK/ BOLT.
10. DOOR FRAME NUTS SHALL BE RECESSED INTO WALL AND PLASTERED SMOOTH AND PAINTED WHITE AFTER DOORS ARE INSTALLED.
11. HOLE FOR DOOR LOCKING BOLT SHALL BE DRILLED IN AN 'L' SHAPE TO ALLOW FOR DIRT TO ESCAPE. SEE DETAIL 'D'.
12. ALL DOORS TO BE APPROVED BY THE ELECTRICITY DEPARTMENT: CONSTRUCTION PLANNING AND WORKS. ANY DOOR DEEMED TO BE OF POOR QUALITY SHALL BE REJECTED.

DSSD - REV. 2

SWITCH ROOM DOOR - D2