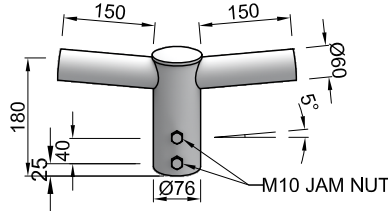


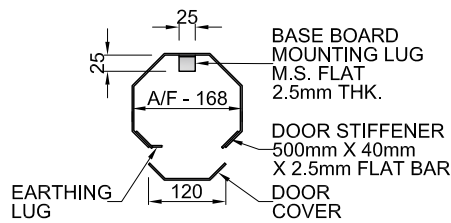
## TECHNICAL SPECIFICATION

- MESTRON LIGHTING POLE COMPLY TO BS EN 40-5 : 2002 "LIGHTNING COLUMNS, REQUIREMENT FOR STEEL LIGHTING COLUMNS"
- DESIGN OF MESTRON POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND 35 M/S WIND-SPEED AT 3 SECOND GUST EQUIVALENT TO 20.6 M/S OF 10 MINUTES MEAN WIND VELOCITY AT 10M HEIGHT WITH TOPOGRAPHY, TERRAIN ROUGHNESS AND STATISTICAL FACTOR OF 1.0
- MESTRON POLE DESIGN VALIDATED BY TYPE TEST "DESIGN AND VARIFICATION, VERIFICATION BY TESTING" IN ACCORDANCE TO BS EN 40-3-2 : 2013
- MATERIAL USED FOR MESTRON LIGHTING POLE COMPLY TO BS EN 10025 S275 JR : 2004 / JIS G3101 : 2010 SS400 WITH MINIMUM YIELD AND TENSILE STRENGTH OF 275 MPa AND 430 MPa RESPECTIVELY
- WELDING PROCESS OF MESTRON LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER BS EN 1011-2 : 2001
- MESTRON PRODUCTS ARE PROTECTED WITH ANTI-CORROSIVE TREATMENT WITH HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO ISO 1461 : 2009

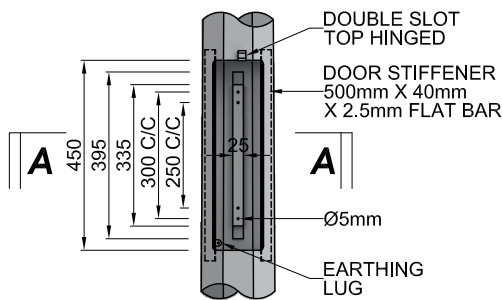
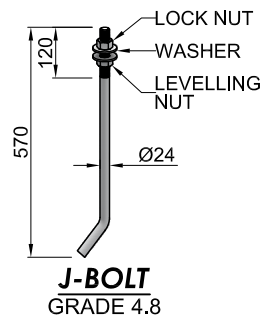
**MAX SAIL AREA 0.3 M<sup>2</sup>**



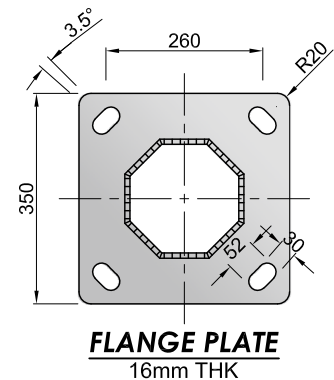
**0.15M DOUBLE ARM**



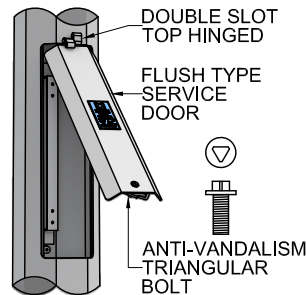
**SECTION A-A**



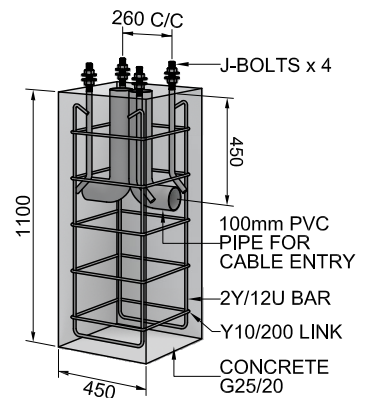
**SERVICE DOOR  
DETAIL**



**FLANGE PLATE  
16mm THK**



**SERVICE DOOR  
DIAGONAL VIEW**



**FOOTING DETAIL**

MESTRON 10000 NOMINAL HEIGHT

7200

OL 300

3050

FLUSH TYPE  
SERVICE DOOR  
450MM x 120MM

A/F - 181  
GROUND LEVEL

HOT-DIP GALVANIZING - ISO 1461 : 2009  
2.5mm MILD STEEL PLATE - BS EN 10025 S275 JR (G) : 2004

A/F - 60

WEIGHT (KGS) : 98 KGS



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10M OCTAGONAL LIGHTING POLE FLANGE MOUNTED TYPE  
0.15M DOUBLE ARM

DRAWN BY : ALIF

CHECKED BY : NEO

DRAWING NO. : 10M-FM-0.15-DSA

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