

HEADFRAME FOR 60 NOS. FLOODLIGHTS

SPECIFICATION

1) STADIUM MAST DIMENSION

1.1 MOUNTING HEIGHT

= 35M 20 1.2 CROSS SECTION SHAPE (NO OF SIDES)

1.3 MAX. TOTAL NO OF SECTIONS

1.5 SERVICE DOOR DIMENSIONS

1.5.1 LENGTH 1.5.2 WIDTH

300mm 1.5.3 DOOR BOTTOM FROM GROUND LEVEL 600mm

1.6 DOOR OPENNING TO BE REINFORCED HEAVILY

TO PREVENT BUCKLING

1.7 ANTI-VANDALISM DOOR LOCK = GALVAPOLE DESIGN

2) CONFIRMING STANDARDS

2.1 MAST DESIGN

2.2 MATERIAL

BS 4360 GR50A / JIS G3101 SS490

2.3 WELDING (ELECTRIC ARC WELDING) = BS 5135 BS 729

2.4 GALVANIZING

3) DESIGN CONDITIONS

3.1 DESIGN BASIC WIND SPEED

3.2 UNFACTORED ON DESIGN WIND SPEED

3.3 SAIL AREA PER FITTING

3.4 NUMBER OF FITTING

3.5 TOTAL SAIL AREA FOR FITTINGS

3.6 SAIL AREA FOR HEADFRAME

AND PLATFORM

3.7 TOTAL DESIGN SAIL AREA

4) FOUNDATION DESIGN THE FOUNDATION DESIGN SHOULD BASE ON THE SOIL BEARING CAPACITY AND GROUND REACTION DUE TO DESIGN WIND LOAD.

6) TESTING PROCEDURES

DIMENSIONAL VERIFICATION GALVANIZING THICKNESS MATERIAL THICKNESS

= 33.3M/S AT 10M HEIGHT

1200mm

= ILE TR7/ CP3

= YES

= 0.3M2

= 18.0M2

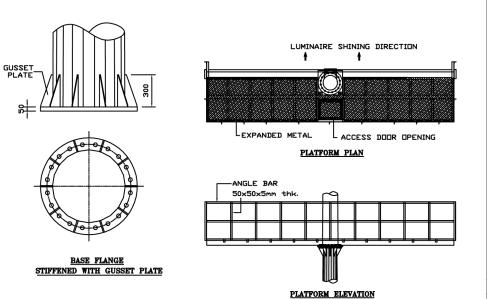
= 5.0M2

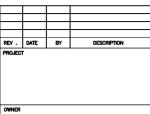
= 23.0M2

= 60

NOTES :

THE EXACT DIMENSIONS OF LUMINAIRES SUPPORTING STRUCTURE SHALL BE SUBJECT TO THE NUMBER AND RATINGS OF LUMINAIRES REQUIRED BY STADIUM LIGHTING SPECIALIST.





ELECTRICAL CONTRACTOR

DOYES ENGINEERING SDN BHD

DRAWING TITLE

35M STADIUM POLE



GALVAPOLE INDUSTRIES SDN. BHD.
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ELITE INDUSTRIAL ESTATE
JLI BURIT KEMARINI
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