

HEADFRAME FOR 60 NOS. FLOODLIGHTS

## SPECIFICATION

1) STADIUM MAST DIMENSION

1.1 MOUNTING HEIGHT

= 40M 1.2 CROSS SECTION SHAPE (NO OF SIDES) 20

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 2.4 GALVANIZING BS 729

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

1200mm

= ILE TR7/ CP3

= 33.3M/S AT 10M HEIGHT

= YES

= 0.3M2

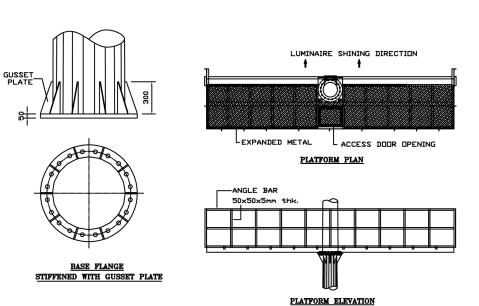
= 60 = 18.0M2

= 5.0M2

= 23.0M2

## 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

DRAWING TITLE

40M STADIUM POLE



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