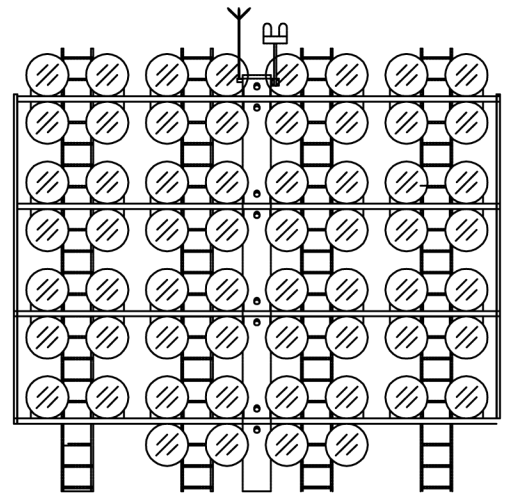
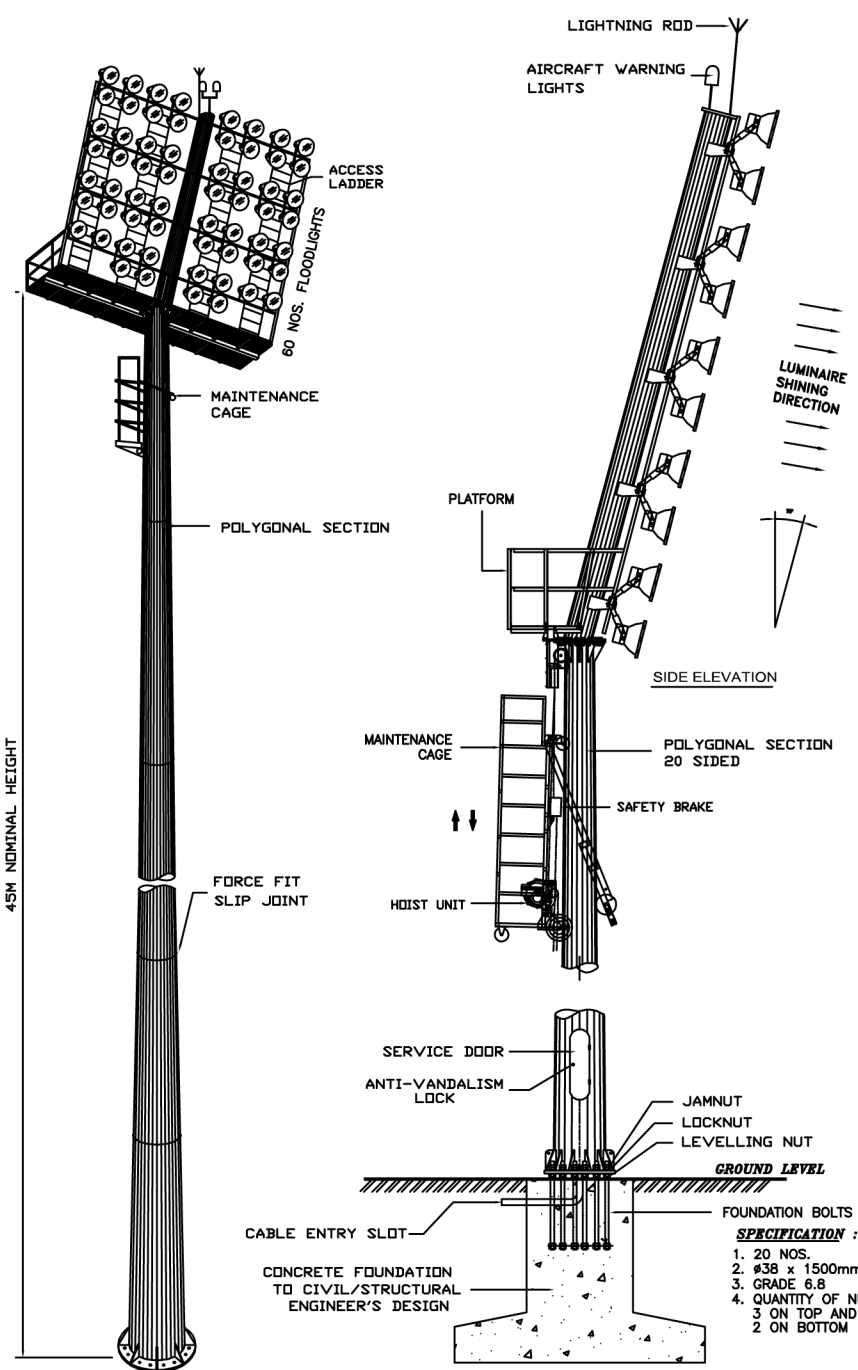
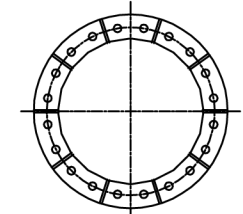
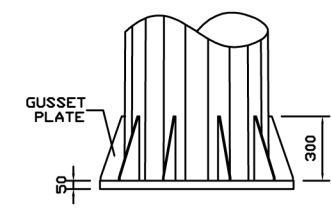


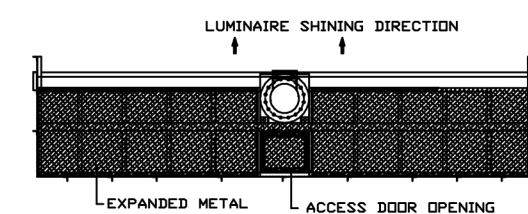
45M NOMINAL HEIGHT



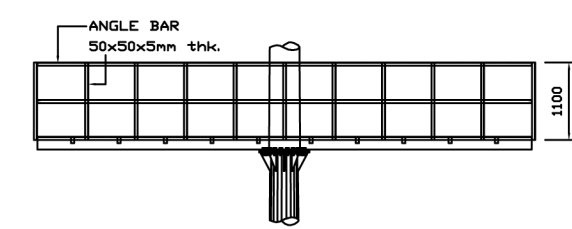
HEADFRAME FOR 60 NOS. FLOODLIGHTS



BASE FLANGE  
STIFFENED WITH GUSSET PLATE



PLATFORM PLAN



PLATFORM ELEVATION

**SPECIFICATION**

- 1) STADIUM MAST DIMENSION
  - 1.1 MOUNTING HEIGHT = 45M
  - 1.2 CROSS SECTION SHAPE (NO OF SIDES) = 20
  - 1.3 MAX. TOTAL NO OF SECTIONS = 5
- 1.5 SERVICE DOOR DIMENSIONS
  - 1.5.1 LENGTH = 1200mm
  - 1.5.2 WIDTH = 300mm
  - 1.5.3 DOOR BOTTOM FROM GROUND LEVEL = 600mm
- 1.6 DOOR OPENING TO BE REINFORCED HEAVILY TO PREVENT BUCKLING = YES
- 1.7 ANTI-VANDALISM DOOR LOCK = GALVAPOLE DESIGN
- 2) CONFIRMING STANDARDS
  - 2.1 MAST DESIGN = ILE TR7/ CP3
  - 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 = 35M/S AT 10M HEIGHT
  - 3.2 UNFACTORED ON DESIGN WIND SPEED
  - 3.3 SAIL AREA PER FITTING = 0.3M2
  - 3.4 NUMBER OF FITTING = 60
  - 3.5 TOTAL SAIL AREA FOR FITTINGS = 18.0M2
  - 3.6 SAIL AREA FOR HEADFRAME AND PLATFORM = 5.0M2
  - 3.7 TOTAL DESIGN SAIL AREA = 23.0M2
- 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

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

REV	DATE	BY	DESCRIPTION
PROJECT			
OWNER			
ELECTRICAL CONTRACTOR			
DRAWING TITLE			
45M STADIUM POLE			
MANUFACTURER			
GALVAPOLE INDUSTRIES SDN. BHD. NO.9, JALAN KECAPU 33/2, ELITE INDUSTRIAL ESTATE JLN BUKIT KEMUNING 40350 SHAH ALAM, SELANGOR, MALAYSIA TEL: 603-51213500 FAX: 603-51212828 E-mail : sales@galvapole.com Website : www.galvapole.com			
DRAWN BY : A.D		DATE : 22-04-2010	
SCALE : N.T.S		CHKD. BY : OCC	
DRAW NO. : SM preliminary			REVISION 00