


- ## SPECIFICATION
- 1) STADIUM MAST DIMENSION
 - 1.1 MOUNTING HEIGHT = 35M
 - 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 = 33.3M/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

REV .	DATE	BY	DESCRIPTION		
PROJECT					
OWNER					
ELECTRICAL CONTRACTOR					
DOYES ENGINEERING SDN BHD					
DRAWING TITLE					
35M STADIUM POLE					
MANUFACTURER					
 GALVAPOLE INDUSTRIES SDN. BHD. NO.9, JALAN KECAPI 33/2, ELITE INDUSTRIAL ESTATE JLN BUKIT KEMUNING 40350 SHAH ALAM, SELANGOR, MALAYSIA TEL: 603-51213300 FAX 603-5121828 E-mail : sales@galvapole.com Website : www.galvapole.com					
DRAWN BY : A.D			DATE : 22-04-2011		
SCALE : N.T.S			CHKD. BY : COC		
DRAW NO. : SM preliminary					REVISION 00