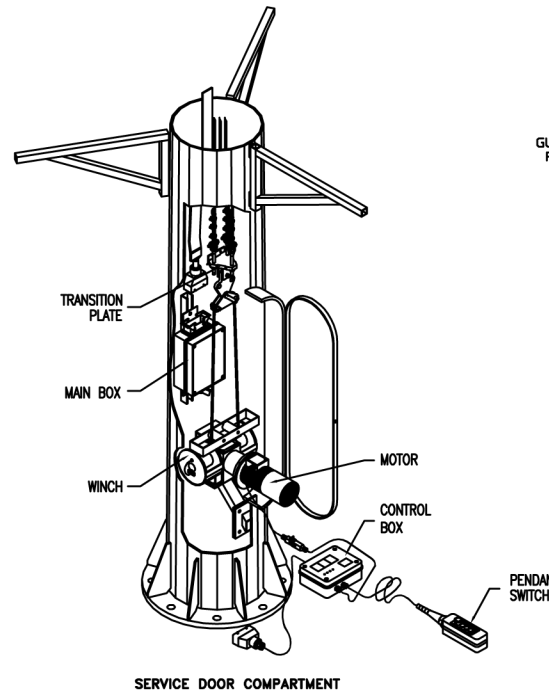
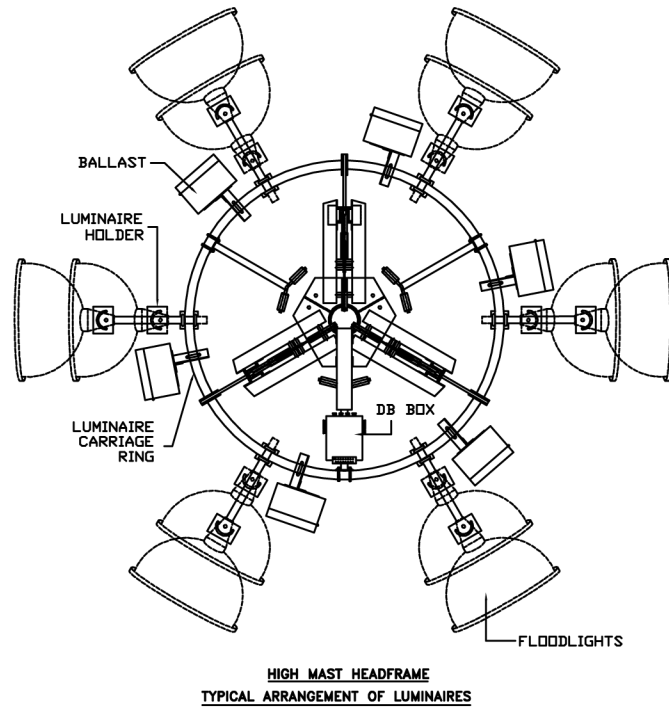
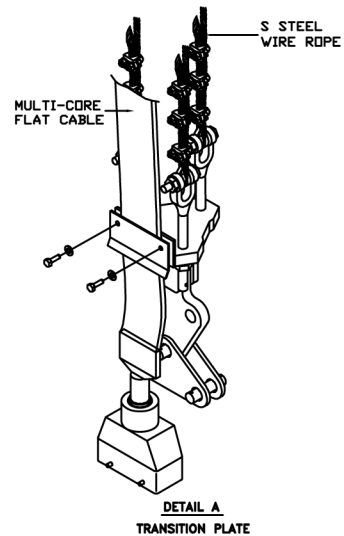
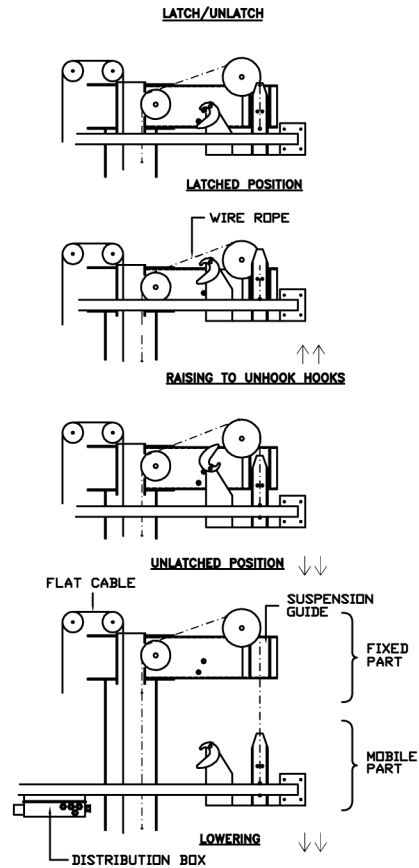
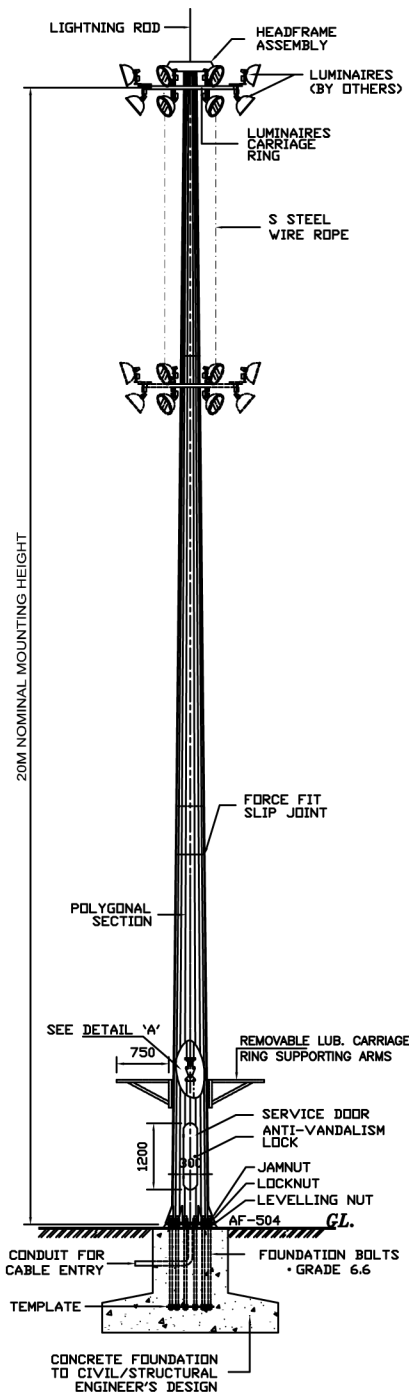


SPECIFICATION

- | | |
|---------------------------------------|-------|
| 1) HIGH MAST DIMENSION | |
| 1.1 MOUNTING HEIGHT | = 20M |
| 1.2 CROSS SECTION SHAPE (NO OF SIDES) | = 20 |
| 1.3 MAX. TOTAL NO OF SECTIONS | = 3 |
| 1.4 MAX. SECTION LENGTH | = 8M |

	BOTTOM SECTION	INT.SECTION	TOP SECTION
LENGTH	8M	8M	5.2M
THICKNESS	5.0mm	4.0mm	4.0mm
TOP AF			222mm
BOTTOM AF	504		

- | | |
|---|--------------------|
| 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 |
| 1.8 BASE FLANGE | |
| 1.8.1 OD | = 750mm |
| 1.8.2 P.C.D | = 650mm |
| 1.8.3 THICKNESS | = 25mm |

- 2) DESIGN CONDITIONS
- | | |
|---|------------------------|
| 2.1 MAX. PROJECTED LUMINAIRE SAIL AREA
(BASED ON SYMMETRICAL LUM. ARRANGEMENT) | = 2.5M2 |
| 2.2 MAX. LUMINAIRE AND BALLAST MASS | = 500 kg |
| 2.3 BASIC WIND SPEED | = 35 m/s at 10M HEIGHT |

- 3) CONFIRMING STANDARDS
- | | |
|------------------------------------|-------------------------------------|
| 3.1 MAST DESIGN | = ILE TR7/ CP3 |
| 3.2 MATERIAL | = BS 4360 GR50A/
JIS G3101 SS400 |
| 3.3 WELDING (ELECTRIC ARC WELDING) | = BS 5135 |
| 3.4 GALVANIZING | = BS 729 |

- 4) TESTING PROCEDURES
- DIMENSIONAL VERIFICATION
 - GALVANIZING THICKNESS
 - MATERIAL THICKNESS

NOTES :

THE LATCHING MECHANISM USES SELF LOCKING SYSTEM FULLY OPERATIONAL BY LAW OF GRAVITY AND MUST NOT CONTAIN MECHANICAL COMPONENTS SUCH AS SPRINGS, LEVERS ETC.

REV .	DATE	BY	DESCRIPTION		
PROJECT					
OWNER					
M & E CONSULTANT					
MAIN CONTRACTOR					
DRAWING TITLE					
20M HIGH MAST					
MANUFACTURER					
 GALVAPOLE INDUSTRIES SDN. BHD. NO.9, JALAN KECAPI 33/2, ELITE INDUSTRIAL ESTATE JLN BUKIT KEMANG 40950 SHAH ALAM, SELANGOR, MALAYSIA TEL: 603-51213300 FAX: 603-51218828 E-mail : sales@galvapole.com Website : www.galvapole.com					
DRAWN BY :		HADI		DATE : 22-10-2007	
SCALE :		N.T.S		CHKD. BY : CDC	
DRAW NO. :HM-PRELIMINARY				REVISION NO.	

MANUFACTURER

 **GALVAPOOLE INDUSTRIES SDN. BHD.**
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ELITE INDUSTRIAL ESTATE
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