

TECHNICAL SPECIFICATIONS

- 1) DESIGN CONDITIONS
 1.1 BASIC WIND SPEED : 35 m/s (BS 5649) SUPERSEDED BY BS EN 40-3-1
 1.2 10 MINUTES MEAN WIND VELOCITY : 20.6 m/s (BS EN 40-3-1) EQUIVALENT TO BS 5649 3-SEC GUST BASIC WIND SPEED OF 35 m/s

- 1.3 TOTAL LUMINAIRES SAIL AREA : 0.52 m² \triangle
 1.4 TOTAL WEIGHT OF LUMINAIRES : 52 KG \triangle

- 2) STANDARDS
 2.1 POLE DESIGN : BS EN 40-3-1 & BS EN 40-3-3 EN 12767 CLASS 0
 2.2 MATERIAL : BS EN 10025 S275JR
 2.3 WELDING (ELECTRIC ARC WELDING) : BS EN 1011-2
 2.4 GALVANIZING : BS EN ISO 1461 / BS 729

- 3) TESTING PROCEDURES : DIMENSIONAL VERIFICATION, GALVANIZING THICKNESS, MATERIAL STRENGTH & THICKNESS TYPE TEST: BS EN 40-3-2

- 4) QUALITY CONTROL PROCEDURES : THE SUPPLIER / MANUFACTURER AND GALVANIZER SHALL BE ISO 9001 : 2015 ACCREDITED

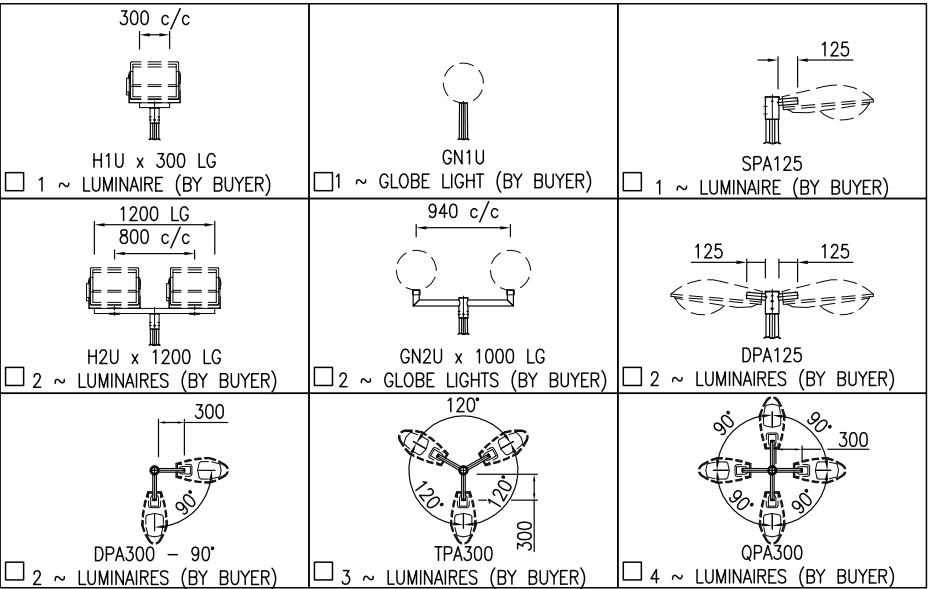
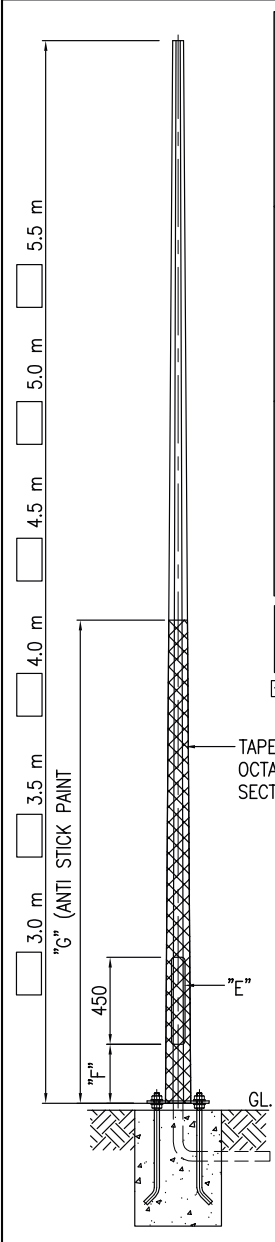
MANUFACTURER'S COMPLIANCE

- 1) LOCALLY MANUFACTURED PRODUCTS : -MANUFACTURER'S DECLARATION THAT POLE SECTIONS AND COMPONENTS ARE "MADE IN MALAYSIA" IN COMPLIANCE TO MOF "SURAT PEKELILING PERBENDAHARAAN BIL.7 TAHUN 2002".
 -HOT ROLLED STEEL COIL WITH LOCAL STEEL MILL CERTIFICATES.
 2) MANUFACTURING AND HOT DIP GALVANIZING : -PREFERRED IN-HOUSE MANUFACTURING WITH HOT DIP GALVANIZING PROCESSES.
 3) PROVIDE COMPULSORY TESTING AT MANUFACTURER'S FACTORY : -TYPE TEST TO BS EN 40-3-2
 -GALVANIZING TEST
 -MATERIAL TEST
 -WELDING TEST BY DYE PENETRANT
 4) CERTIFICATION : -JKR / ISO / SIRIM
 5) REGISTRATION : -MITI / IKRAM / MOF / CIDB
 6) TRACK RECORD : -EVIDENCE OF MIN. 10 YEARS MANUFACTURING & SUPPLY TRACK RECORDS.
 7) PE ENDORSEMENT : -PE ENDORSEMENT MANDATORY FOR ALL POLE DESIGN CALCULATIONS & DRAWINGS FOR SUBMISSION.
 8) DESIGN CALCULATION : -DESIGN CALCULATIONS INCORPORATING UNFACTORED GROUND REACTIONS SHALL BE VALIDATED, REVIEWED AND APPROVED.

* UTILITY INNOVATION APPLICATION NO : UI 2012001805

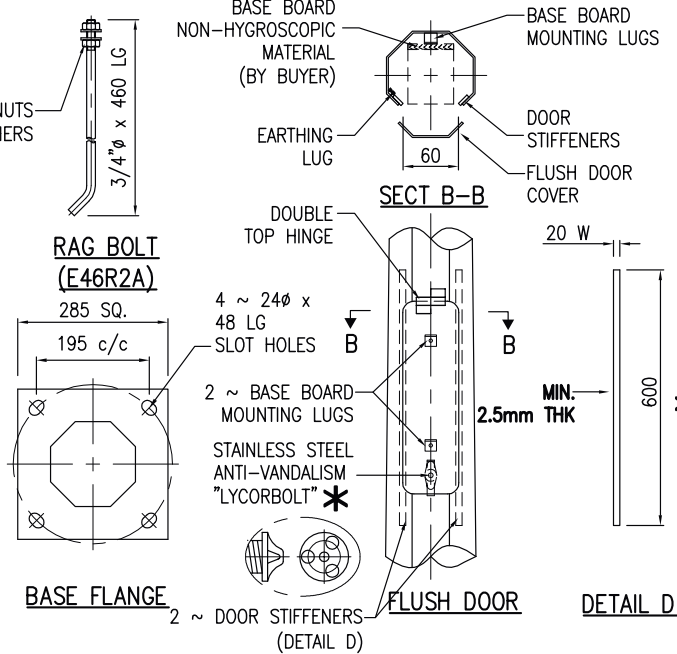
CUSTOMER APPROVED DRAWING FOR MANUFACTURE

 (Co. stamp, sign & date)



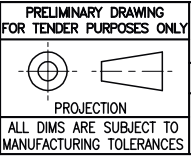
* NOTE : UNLESS SPECIFIED BY CUSTOMER, STANDARD LUMINAIRE MOUNTING HOLE IS 18 ϕ
 TICK WHERE APPLICABLE

- 2 ~ 3/4" ϕ x NUTS & WASHERS
- "E" DOOR TYPE \triangle
 STEEL
 FIBRE WITH _____ WORDING
- "F" DOOR FROM GROUND
 500 mm
 _____ mm
- "G" ANTI STICK PAINT FROM GROUND
 2.5 m
 _____ m
 NOT REQUIRED



REV	DETAILS	BY	CHD	DATE
C	AS NOTED ABOVE	TUNG	LSK	12.12.18
B	WARRANTY	THOO	LSK	13.06.18
A	WARRANTY	THOO	LSK	01.08.16

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CLIENT :
 PROJECT :
 DRAWN : SHA CHD : *Shah Chuan* DATE: 10.01.12
LYSAGHT MARKETING SDN BHD
 CO. NO.: 102382-M

TITLE : 3m ~ 5.5m VERTICAL LIGHTING COLUMN (FLANGED TYPE)
 SCALE : 1 : 35 SHEET 1 of 2 REV A B C

DWG./REF. NO. V030FA ~ V055FA
 DIMENSIONS IN mm UNLESS STATED
 SHEET SIZE A4

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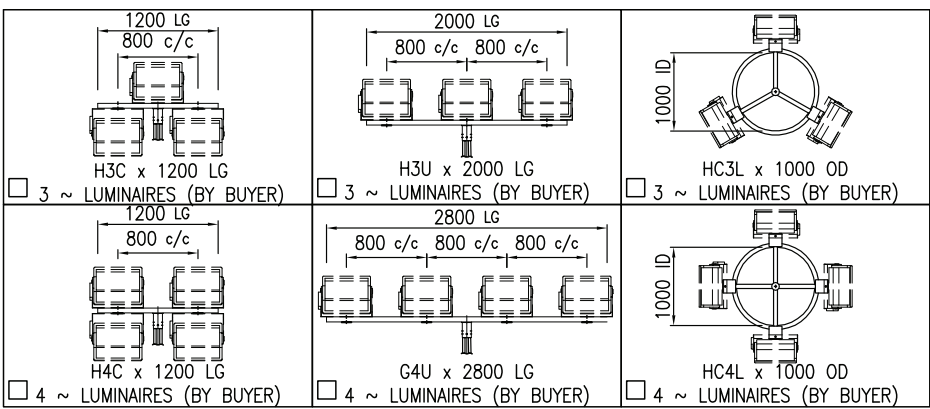
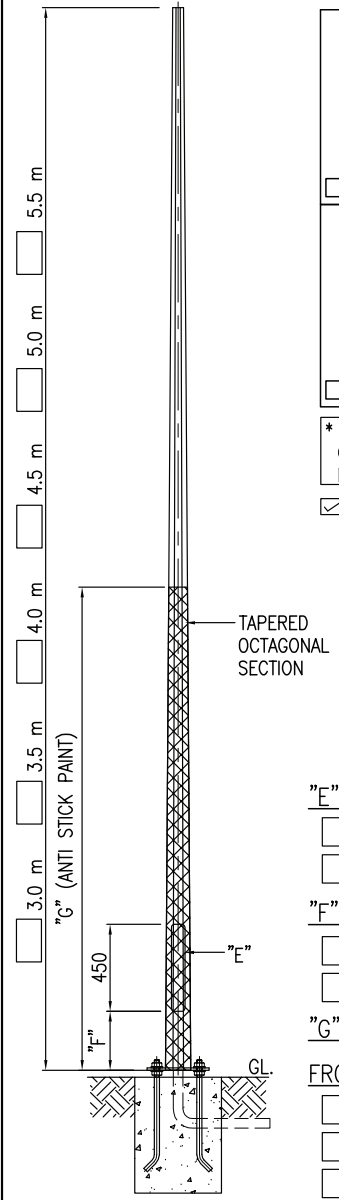
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FOR MANUFACTURE

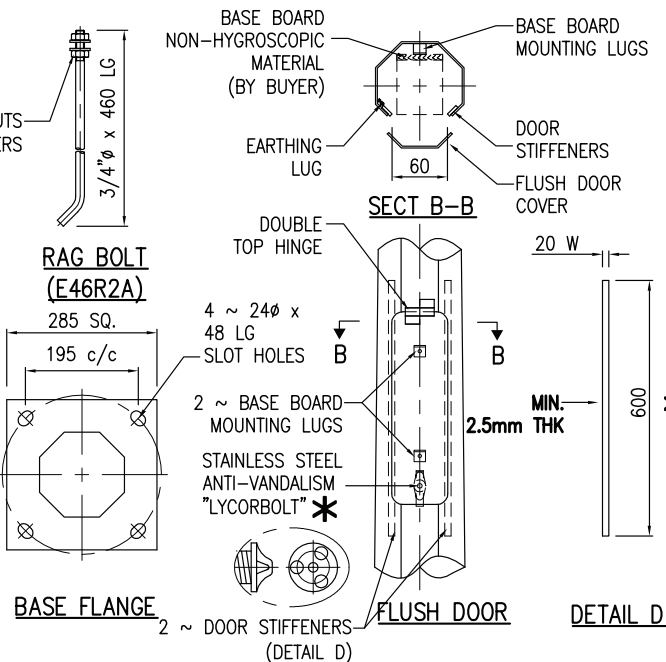
(Co. stamp, sign & date)



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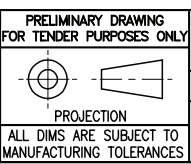
TICK WHERE APPLICABLE

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DWG./REF. NO. **V030FA ~ V055FA**

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