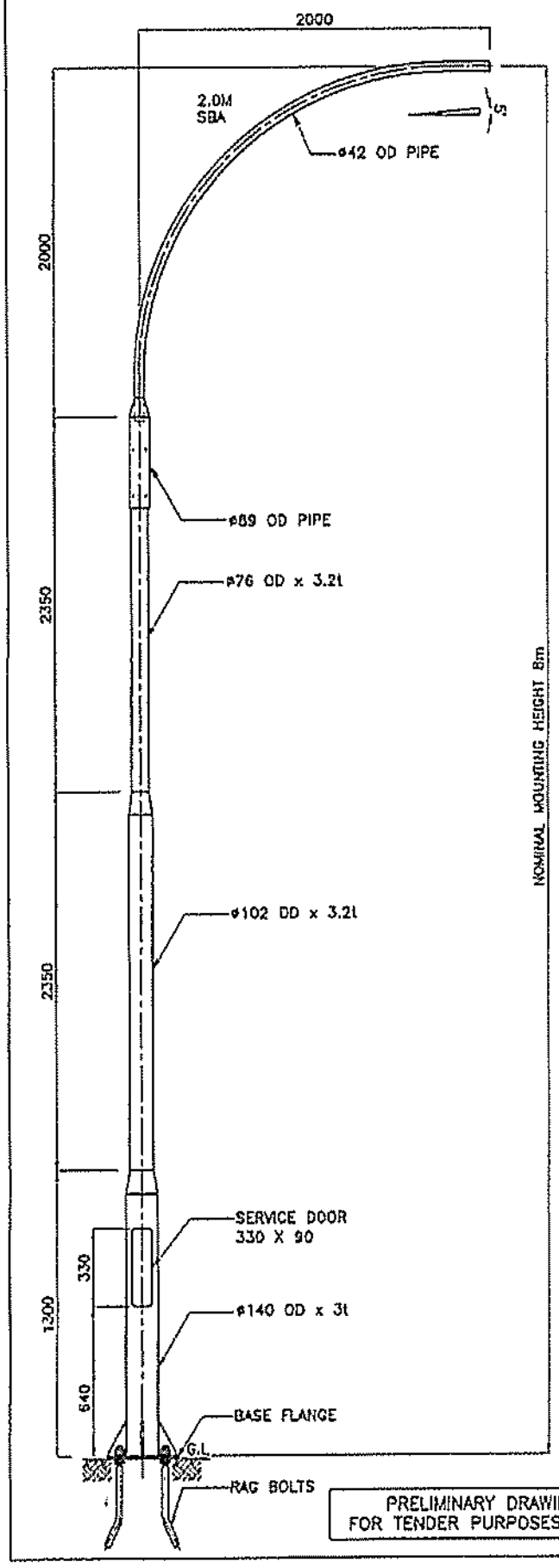


PRELIMINARY DRAWING
FOR TENDER PURPOSES ONLY

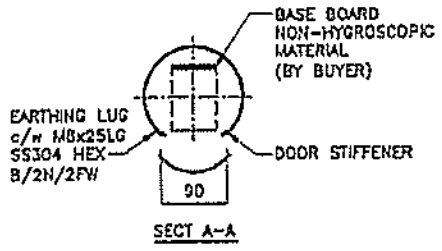
TECHNICAL SPECIFICATION

1) DESIGN CONDITIONS
- 1.1 FUNDAMENTAL WIND SPEED: • 35 m/s (BS 5649) 3-SEC GUST; • (THE EQUIVALENT HARMONIZED EURO CODE 1 10-MINUTE MEAN WIND SPEED = 20.5 m/s)
- 1.2 UNIT LUMINAIRE WEIGHT: • 12 kg
- 1.3 UNIT LUMINAIRE AREA: • 0.12m²

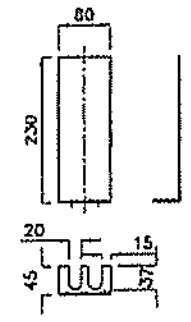
2) STANDARDS
- 2.1 POLE DESIGN: • BS EN 40-3-1 (w/EC1 EXPOSURE CO-EFFICIENT Ce(z)) & BS EN 40-3-3 EN 12767 CLASS 0 BS EN 40-2
- 2.2 MATERIAL: • i) POLE: BS EN 10265:2004; • ii) BASE FLANGE: BS EN 10025 S275JR
- 2.3 WELDING (ELECTRIC ARC WELDING): • BS EN 1011-2
- 2.4 GALVANIZING: • BS EN ISO 1461 / BS 729

3) TESTING PROCEDURES: • DIMENSIONAL VERIFICATION, GALVANIZING THICKNESS, MATERIAL STRENGTH & THICKNESS

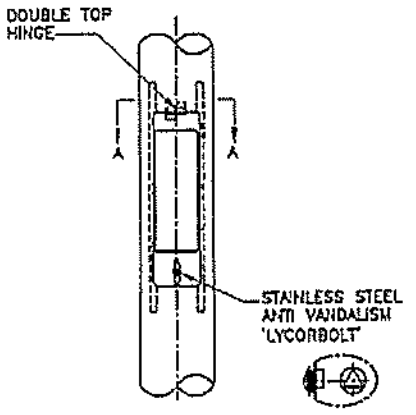
4) QUALITY CONTROL PROCEDURES: • THE SUPPLIER / MANUFACTURER AND GALVANIZER SHALL BE ISO 9001:2015 ACCREDITED



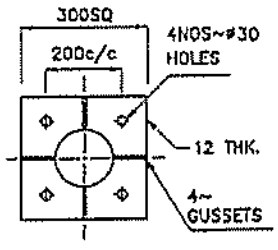
SECT A-A



STEEL MOUNTING PLATE



DOOR



BASE FLANGE

CUSTOMER APPROVED DRAWING
FOR MANUFACTURE

(Co.stamp, sign & date)

LYSAGHT MARKETING (S) PTE LTD
CO. NO. : 198701852D

CLIENT: DELIGHT OPTOELECTRONICS PTE. LTD.

PROJECT: HOUSINGING DEVELOPMENT BOARD

DRAWN: SITI	DATE:26.06.23	SCALE:NTS

CHECKED:

DWG.NO: LCP-SWP-SG-71

TITLE: 8m LIGHTING COLUMN C/W 2.0M SINGLE BRACKET ARM