



GENERAL NOTES:

1. BOLLARD TO BE CAST STEEL ACCORDING TO ASTM A148 GR.80-50.
2. ALL HARDWARE INCLUDING :
 M30 X 3.5 X 550 THREADED ANCHOR ROD, GR 8.8
 M30 X 3.5 X 150 THREADED ANCHOR ROD, GR 8.8
 M30 X 3.5 HEX NUT, GR 8
 M30 FLAT WASHER, GR 8
 Ø50 X 130 MILD STEEL SLEEVE, GR. 8.8
 TO BE HOT DIP GALVANIZED AS PER ASTM A123 OR A153 AS REQ'D.
3. LOAD CAPACITY OF EACH BOLLARD WILL BE CASTED ONTO BOLLARD HEAD.
4. COATING SYSTEM FOR BOLLARD ONLY (*) ACCORDING TO
 - ISO 12944-5:2019, TABLE C5, SYSTEM 5.04 VH
 - ISO 12944-9:2018, TABLE 3, SPLASH AND TIDAL ZONES CX AND IM4
 TOTAL NDFE 450 MICRONS
 4.1. BLASTING OF ALL SURFACES ACC TO SA 2.5
 4.2. PRIMER PURE EPOXY COAT: 200 MICRONS INTERGARD 7500
 4.3. 2ND PURE EPOXY COAT: 200 MICRONS INTERGARD 7500
 4.4. TOP EPOXY COAT: 50 MICRONS INTERGARD 740
 COLOUR BLACK, RAL 9017(OR WHATEVER THE AGREED COLOUR IS)
 *=EXCLUDING BOLLARD UNDERSIDE.

QUANTITY: 39 SETS

Index	Amendment	Name	Date
Project: T-HEAD BOLLARD			
CAPACITY: 30TONS		Drawn:	19.01.22
		Designed:	19.01.22
		Checked:	19.01.22
		Scale: 1:6	Size: A4
Drawing-No.:		5279-007	