

ILLUMINATING EVERY NICHE



MID HINGED POLE



البابطين للطاقة و الاتصالات
AL-BABTAIN POWER & TELECOM



MID HINGED POLE

Al-Babtain believes that easiness in operations really matters. This conviction lies at the heart of the Mid Hinged Pole success, since it is easy to maintain by just tilting the pole.

Manually operated hinged pole is formed by a polygonal shaft that is equipped with a hinge unit including stainless steel pin and other welded accessories.

While the operator controls the operations by means of rope, rotation of the top portion occurs due to gravity compensated by the weight of fixtures on one hand and by the hinged balancer on the other hand.

The balanced hinged poles are supplied with welded base plate, anchor bolts and an assembly of counter weight, if required.

Construction Features

Materials:

The steel used to manufacture high mast is EN 10027-1 355J0, with the following mechanical features:

Yield Strength Min 355 N/mm²

Tensile Strength 490 630 N/mm²

The rotating pin is of stainless steel.

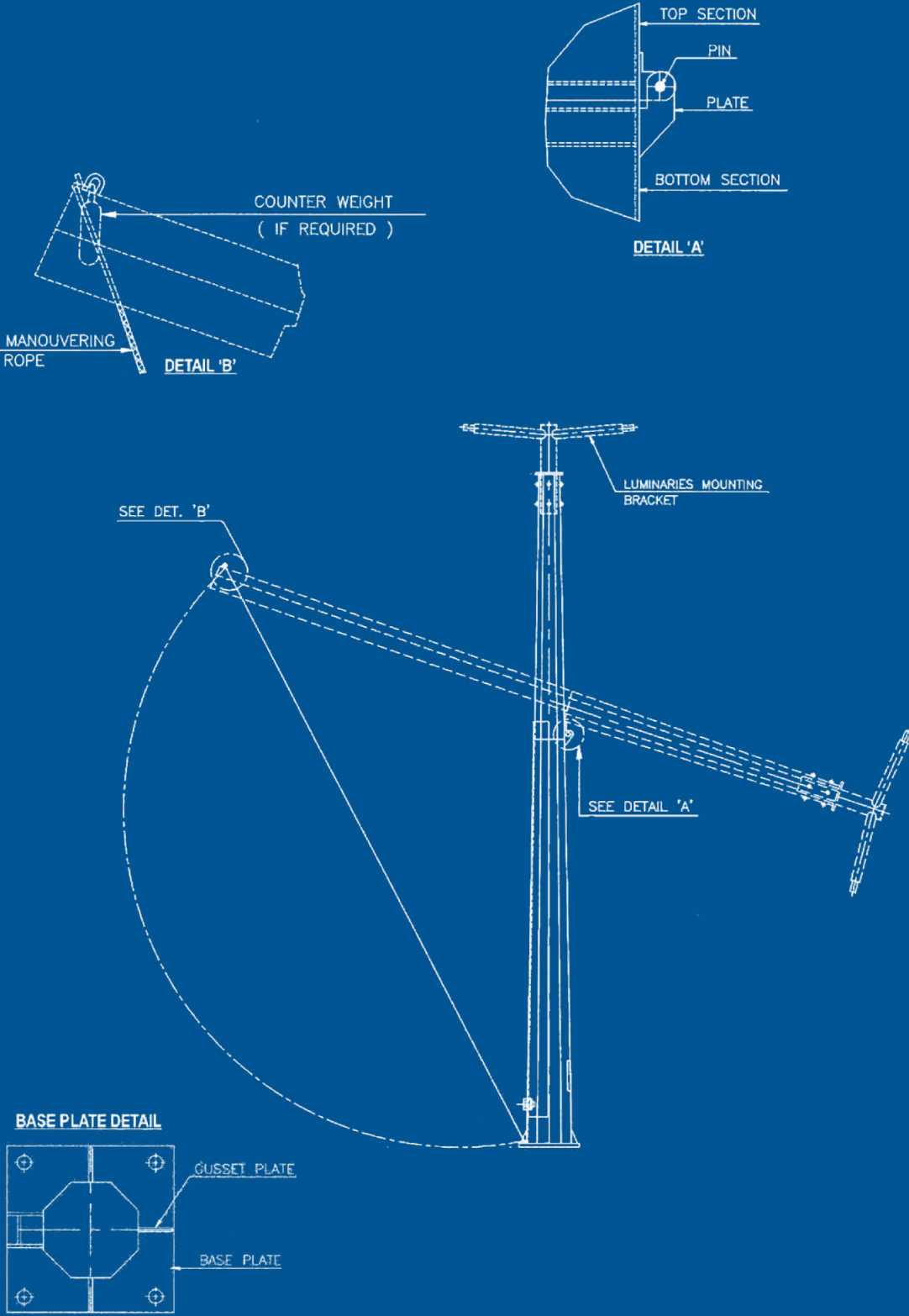
The maneuvering rope for the balancer movement is of nylon/ cotton for hand operated systems and is of steel for winch-operated systems.

Surface protection:

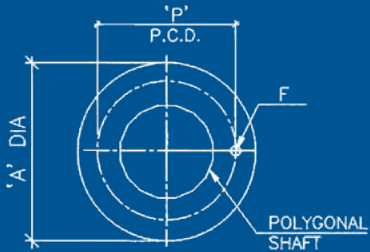
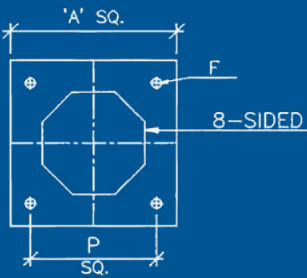
These poles are supplied with hot dip galvanization process, by immersing in molten zinc bath as per BS EN ISO 1461 or ASTM 123 for maximum protection against corrosion.



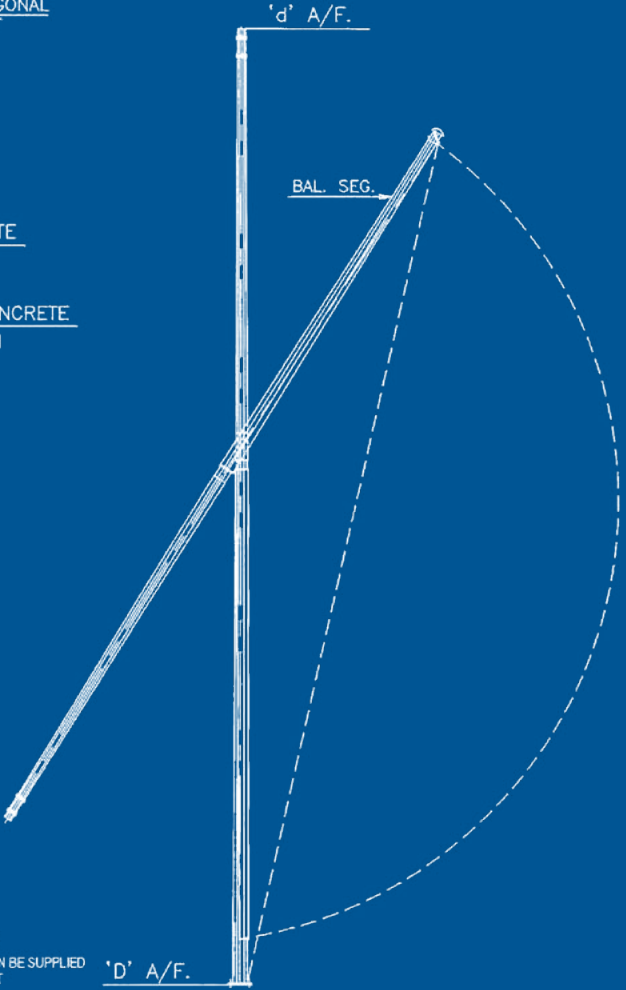
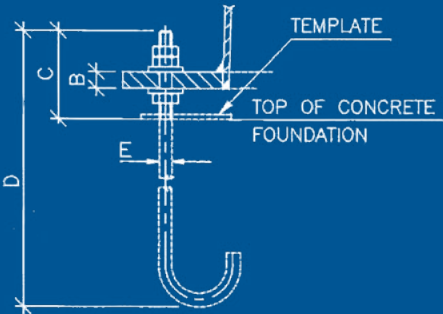
MID HINGED POLE



MID HINGED POLE



BASE PLATE



ANCHOR BOLT - 'J' TYPE
 'I' OR 'L' TYPE ANCHOR BOLT CAN BE SUPPLIED
 AS PER CLIENT'S REQUIREMENT

www.al-babtain.com.sa



البابطين للطاقة و الاتصالات
AL-BABTAIN POWER & TELECOM