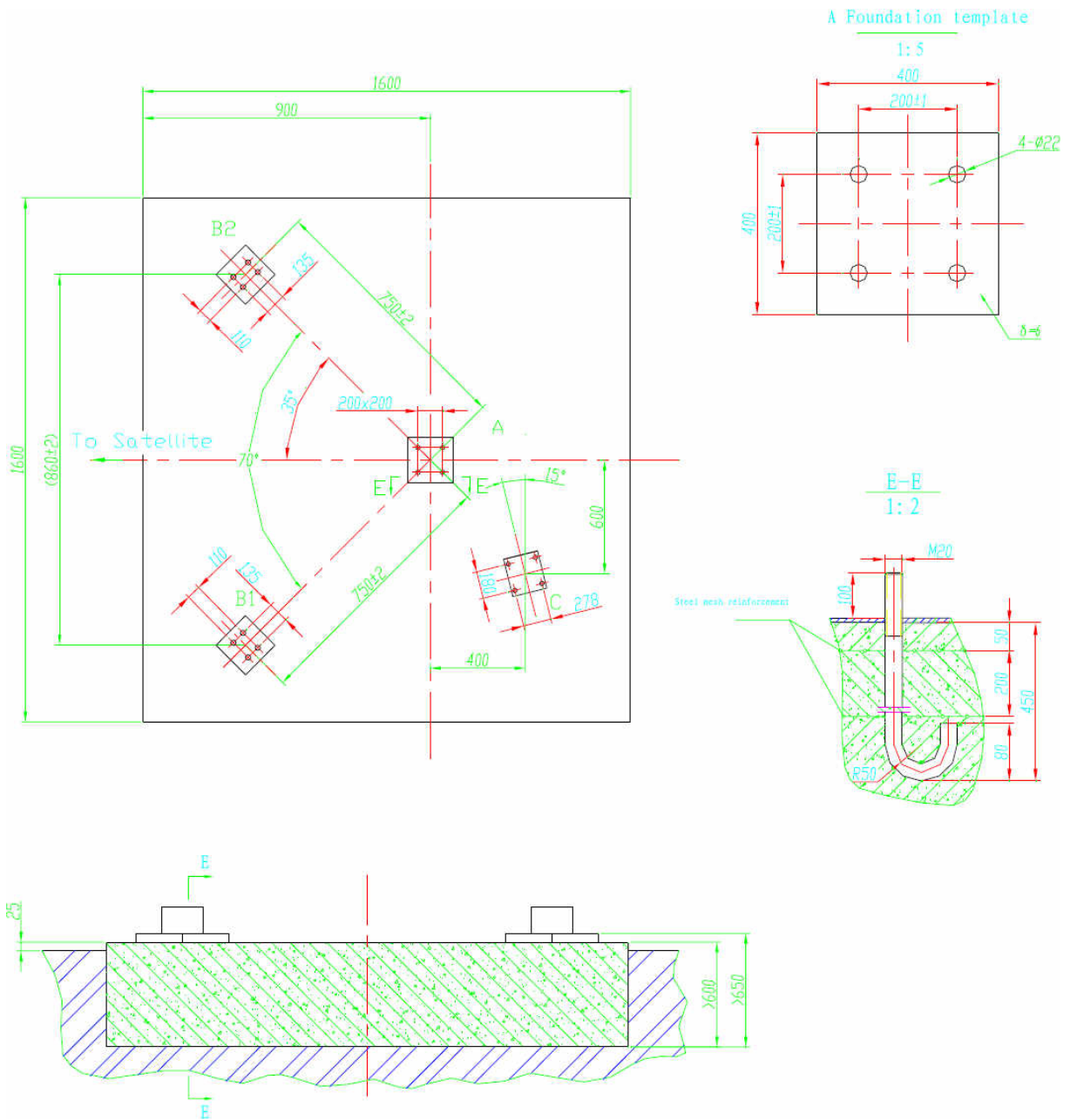
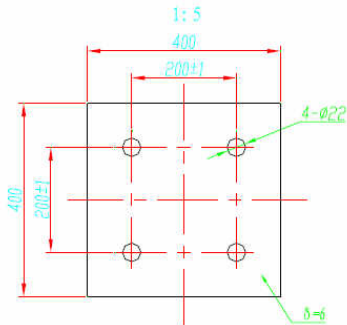


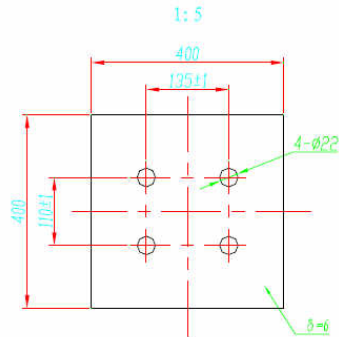
Foundation 370cm Rx/Tx Antenna



A Foundation template



B1, B2 Foundation template



C Foundation template

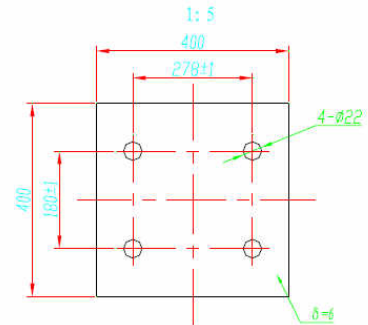
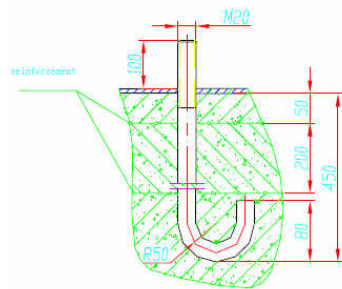


Table for foundation bearing force

Wind speed (m/s)	A soil pressure (kPa)	B1, B2 soil pressure (kPa)	C soil (kPa)
10 Grade (28.5)	2057	1385	827
12 Grade (32.6)	2619	1845	1173
14 Grade (42)	4193	3135	1867
17 Grade (56.1)	7276	5660	2967

E-E
1:2



Technical Requirements

Note:

1. The antenna should be collected on the position of zenith when wind speed over 28.5m/s(10G)
2. Foundation bearing force is designed according to wind speed at 56.1m/s(17G).
3. Measures of the lightning protection should be adopted on site.

Foundation Technical Requirements:

1. Use concrete 300#, and reinforcing bars A3 or higher than A3.
2. The burying depth is based on the soil bearing ability and the height of the antenna.
3. Four bearing surface over 50mm should be on the same level, The height difference should be less than 3mm.
4. Four two rows of steel mesh reinforcement (Ø12) into the concrete base and tighten them with anchor bolts by the thin round steel 78, the specification of mesh is 100x100. All steel should be tightened to prevent deviation when pouring the concrete.

Antenna Net Weight: 1.2 tons.