



Former outline drawing Number

Outline drawing Number

Signature

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Technical Description:

- The dimensions marked in the figure are the centerline dimensions, measured in millimeters;
- The installation height of the fence is 1730 (excluding the foundation), and the center distance of the columns is 2540 ± 5 ;
- The fence is composed of directly buried columns (including top cover), connectors, mesh and other components;
- The column adopts "I-shaped" straight seam welded pipe, made of continuous hot-dip galvanized steel plate, Q235 material, with a galvanizing amount of $\geq 120\text{g/m}^2$ (double-sided);
- The cross-sectional size of the column is $54.4 \times 100 \times 1.5$, with a height of 2050;
- The mesh is made of high-strength cold drawn hot-dip galvanized steel wire resistance welding, with steel wire material Q195, steel wire tensile strength $\geq 450\text{MPa}$, steel wire diameter of $\phi 6$ (horizontal wire)+ $\phi 5$ (vertical wire)+ $\phi 6$ (horizontal wire)+, and galvanizing amount $\geq 120\text{g/m}^2$;
- The height of the mesh is 1630, the width is 2500, the grid is 50 (vertical wires) x 200 (horizontal wires), and the reinforcement groove is 50 (vertical wires) x 50 (horizontal wires);
- The surface of the columns and mesh is coated with high adhesion thermosetting polyester powder electrostatic coating, with a coating thickness of $\geq 100 \mu\text{m}$, coating adhesion ≥ 0 level, coating gloss 80-95°, photo aging ≥ 0 level, and weather resistance ≥ 5 ;
- The fence foundation is made of $\geq 28\text{MPa}$ concrete cast-in-place (can be prefabricated), with $150 \times 150 \times 350$ column embedding holes reserved. After the columns are embedded, they are fixed by secondary pouring at a depth of 300;

COLLIAND			Project Name:	Project No.
			Building Name:	Drawing Phase
Drawn by	Verified by	PSN&GP-1730 Fence construction drawing	Drawing No.	Scale
Designed by	Examined by		Version	
Checked by	Project Principal		Date	