



Technical Description:

- The dimensions marked in the figure are the centerline dimensions, measured in millimeters;
- The installation height of the fence is 2130 (excluding the foundation), and the center distance of the columns is 2560 ± 5;
- The fence is composed of directly buried columns (including top cover), mesh and other components;
- The column adopts a one-time formed seamless profile, made of continuous hot-dip galvanized steel plate, material DC51D+Z, with a galvanizing amount of $\geq 20g/m^2$ (double-sided);
- The cross-sectional size of the column is 70x100x1.2, with a height of 2450;
- The mesh is made of high-strength cold drawn hot-dip galvanized steel wire resistance welding, material Q195, steel wire tensile strength $\geq 450MPa$, steel diameter $\phi 5$ (horizontal wire)+ $\phi 5$ (vertical wire), reinforced groove 50 (wire) X100 (horizontal wire), galvanizing amount $\geq 20g/m^2$;
- The height of the mesh is 2030, the width is 2500, and the grid is 50 (threads) x 200 (horizontal threads);
- The surface of the columns and mesh is coated with high adhesion thermosetting polyester powder electrostatic coating, with a coating thickness of $\geq 100\mu m$, coating adhesion of ≥ 0 level, and coating gloss; 80-95°, photo aging \geq level 0, weather resistance ≥ 5 ;
- The fence foundation is made of $\geq 28MPa$ cast-in-place concrete, with reserved holes for 150x150x350 columns to be buried. After the columns are buried, they are fixed by secondary pouring, with a burial depth of ≥ 300 .

COLLIAND		Project Name:	Project No.
		Building Name:	Drawing Phase
Drawn by	Verified by	PDN&TP-2030 Fence construction drawing	Drawing No.
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