

avenues, lanes or alleys and lots, and shall desire, for the purpose of description and identification, a plat of said subdivision to be made to be recorded among the land records of the county in which the land is situate, the clerk of the court is hereby directed to receive and record the same as hereinafter directed, but the said clerk shall not receive for record, nor allow to be recorded in his office, any such plat, until the requirements hereinafter prescribed shall have been complied with.

Such plats must be drawn accurately to scale and may be made on a good quality of tracing linen or be blueprints or blue or black line prints on linen; shall contain the courses and distances of all the outline or perimeter of as much of the whole tract, proposed to be subdivided, as is shown on the plat and on all roads, streets and avenues. Where the alleys and lot lines shown on the plat are not parallel with the roads, streets and avenues, the courses and distances of such lines shall be put on the plat. The radii and chords of all curved lines shall be shown on the plat by courses and distances and their tangent points located by the coordinates hereinafter defined. The plat shall show a meridian line drawn through one of the corners of the outline or perimeter of the whole tract and another line drawn at right angles to said meridian through the same point. The meridian, so drawn, shall be either a true meridian or the magnetic meridian of the date of the plat and so marked on the plat. From the said meridian and right angle line all the courses and distances and coordinates shown on the plat shall be calculated. The coordinates shall be the distance of a point from each of the two lines drawn through the corner of the outline, as above directed, measured on lines parallel with said meridian and said right angle north or south, east or west of said corner, and these distances shall be marked on the plat as the points where coordinates are required. The plat shall show the coordinates for each corner of each avenue, road or street intersection and the tangent point of all curved lines shown on said plat, and shall show accurately the dimensions of each lot. No distance on the plat shall be marked, more or less, except on lines which begin or terminate or bind on a marsh, stream or any body of water. The plat shall show the position by coordinates of not less than four markers set in convenient places on the subdivision in such manner that from the position of one marker the position of one other marker will be visible. These markers shall be made of hard durable stone or of concrete three feet of which shall be planted into the ground. From these markers, commonly called "traverse points" all corners and lines can be readily calculated and marked on the ground. If the subdivision lies in an area where a traverse or coordinate system is already established and the traverse points of said system can be found and used, such points so used and the coordinate values thereof shall be marked on the plat, then the meridian courses and distances and coordinates required shall be shown on the plat in accordance with those of the already established traverse or coordinate system, and no markers will be required, but all other requirements shall be complied with. A certificate stating that the requirement of subsection 3-108(a), as far as it concerns the making of the plat and setting of the markers, shall be put on the plat and signed by the owner of the land shown thereon.

(b) *Number of copies; fee.* The clerk shall be furnished three copies of such plat. The fee shall be five dollars for each set of plats