

SEC. 14-1-58 STORM WATER DRAINAGE FACILITIES.

- (a) Pursuant to Section 14-1-73, the subdivider shall provide storm water drainage facilities adequate to serve the subdivision or minor land division which may include curb and gutter, catch basins and inlets, storm sewers, road ditches, open channels and water retention structures and settling basins, as may be required. Storm sewers are to be of adequate size and grade to hydraulically accommodate the ten (10) year storm; culverts shall be designed to accommodate the ten (10) year storm and shall be sized so that the twenty-five (25) year frequency storms do not cause flooding of the adjacent roadway. Upon the approval of the City Engineer, storm water swales and ditches may be sized for from twenty-five (25) to one hundred (100) year frequency storms, depending upon the estimated amount of damage that would be incurred by adjacent properties if flooding did occur. Storm drainage facilities shall be so designed as to minimize hazards to life or property, and the size, type and installation of all storm water drains and sewers proposed to be constructed shall be in accordance with the plans and specifications approved by the Common Council, upon the recommendation of the City Engineer. Storm sewers oversized to handle runoff from off-site properties will be installed by the subdivider; however, the cost of oversizing such larger sewers shall be prorated in proportion to the ratio which the total area of the proposed subdivision or minor land division is to the total drainage area to be served by such larger sewer, and the excess cost either borne by the City or assessed against the total tributary drainage area.
- (b) Unpaved road ditches and street gutters may be permitted only within the City's extraterritorial plat approved jurisdictional area and shall be shaped and seeded and/or sodded as grassed waterways. Where the velocity of flow is in excess of four (4) feet per second on soils having a severe or very severe erosion hazard and in excess of six (6) feet per second on soils having moderate, slight or very slight erosion hazard, the subdivider shall install a paved invert or check dams, flumes or other energy-dissipating devices.
- (c) Drainage facilities shall, if required, include water retention structures and settling basins so as to prevent erosion and sedimentation where such facilities discharge into streams or lakes. The design criteria, the size, type, grades and installation of all stormwater drains and sewers and other cross-section, invert and erosion control paving check dams, flumes or other energy-dissipating structures and seeding and/or sodding of open channels and unpaved road ditches proposed to be constructed shall be in accordance with the plans and standard specifications approved by the City Engineer.

SEC. 14-1-59 OTHER UTILITIES.

- (a) The subdivider shall cause gas, electrical power and telephone facilities to be installed in such a manner as to make adequate service available to each lot in the subdivision.
- (b) The subdivider shall cause gas, electric power and telephone facilities to be installed in such a manner as to make adequate service available to each lot in the subdivision, certified survey or land division. All new electrical distribution television cables and telephone lines from which lots are individually served shall be underground unless the Common Council specifically allows overhead poles for the following reasons:

- (1) Topography, soil, water table, solid rock, boulders, or other physical conditions would make underground installation unreasonable or impractical;
 - (2) The lots to be served by said facilities can be served directly from existing overhead facilities.
- (c) Plans indicating the proposed location of all gas, electrical power and telephone distribution and transmission lines required to service the plat shall be approved by the Common Council and such map shall be filed with the City Clerk-Treasurer.

SEC. 14-1-60 STREET LAMPS.

The subdivider shall install street lamps along all streets proposed to be dedicated of a design compatible with the neighborhood and type of development proposed as determined by the City Engineer. Such lamps shall be placed at each street intersection and at such interior block spacing as may be required by the Common Council, upon the recommendation of the City Engineer.

SEC. 14-1-61 STREET SIGNS.

The subdivider shall install at the intersections of all streets proposed to be dedicated a street name sign of a design and installation specified by the City Engineer.

SEC. 14-1-62 STREET TREES.

- (a) The subdivider shall plant in the terrace area at least one (1) tree of a species acceptable to the Common Council and of at least six (6) feet in height for each fifty (50) feet of frontage on all streets proposed to be dedicated. The required trees shall be planted in accordance with plans and specifications approved by the Common Council.
- (b) No person shall plant or maintain in the terrace area any tree of the species Populus Deltoides, commonly called the "Cottonwood", Black Locust, the seed-bearing "Box Elder" or Acer Negundo, which may now or hereafter become infested with Box Elder bugs, White Poplar, Lombardy Poplar, any evergreen or fir tree, any fruit or nut tree, or any other species which in the opinion of the Plan Commission, will constitute a nuisance to the public or adjoining property owners or interfere with the safety of the public. Required terrace trees shall be a minimum of four (4) feet in height at planting.
- (c) "Terrace Areas" means the land between the normal location of the street curbing and sidewalk. Where there is no sidewalk, the area six (6) feet from the curb line shall be deemed to be a terrace for the purpose of this Chapter.