

## ORDINANCE NO. 824 (16)

AN ORDINANCE AMENDING PART 12, CHAPTER 5, ARTICLE D, SECTION 12-534 (C) AND (D)(3) BY REQUIRING MATERIALS SPECIFICATIONS FOR SANITARY SEWER, WATER, AND STORMWATER PIPES ON CONSTRUCTION PLANS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR A REPEALER.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MOORE, OKLAHOMA THAT PART 12, CHAPTER 5, ARTICLE A, SECTION 12-502 (D) IS HEREBY AMENDED TO READ AS FOLLOWS:

### SECTION 12-534 - CONSTRUCTION PLANS.

A. *General.* Construction plans shall include the following:

1. All improvements shall be designed in accordance with the design standards referenced as part of this Chapter.
2. Three (3) copies of complete construction plans, specifications, engineering calculations and detailed cost projections for streets, drainage, sanitary sewers, water distribution, and any other improvements to be constructed, are required to be submitted with the final plat. Construction plans must be 100% complete at the time of submittal. Any incomplete sets of construction plans shall be returned and unreviewed.
3. The construction plans shall be submitted on standard 24" × 36" sheets.
4. Each sheet of the construction plans shall contain a title block, including space for the notation of revisions. This space is to be completed with each revision to the plan sheet and shall clearly note the nature of the revision and the date that the revision was made. This title block shall be located at the lower left hand corner of each sheet submitted.
5. Each sheet of the construction plans shall include north arrow, scale, date, and benchmark description to sea level datum.
6. The specifications and each construction plan sheet shall bear the seal and signature of the licensed professional engineer who prepared the plans.

B. *Paving plans.* The construction plans shall include the following:

1. The construction plans, at a minimum, shall include a plan and profile of each street with stationing, top of curb grades, if applicable, or street centerline, borrow ditch flowline and existing and proposed ground lines. The typical cross-section of proposed streets shall show the width of roadway, pavement type and location and width of sidewalk.

C. *Sanitary sewer and water plans.* The construction plans, at a minimum, shall include a plan and profile of proposed sanitary sewers with stationing, grades **and** pipe sizes, **and** materials indicated and showing locations of manholes, cleanouts, etc., and a plan of the proposed water distribution system showing pipe sizes and location of valves, fire hydrants and fittings, etc. Application construction details shall be included with the construction plans.

D. *Storm drainage plan.* The construction plans shall include storm water detention plans and erosion plans, and shall include the following:

1. The construction plans shall include a general location map of the subdivision showing the entire watershed (a U.S.G.S. quadrangle is satisfactory) and the limits of all on-site and off-site storm water draining to the project.
2. The construction plans shall include calculations showing the anticipated storm water flow, including watershed area, percent runoff, runoff factors, storm intensity and time of concentrations showing basis for design.
3. The construction plans shall include a plan and profile of proposed storm sewers or channels, showing stationing, hydraulic data, pipe grades, ~~and~~ sizes and materials, manholes, inlets, pipe connections, outlet structures, etc.
4. The construction plans shall include a detailed plan for any bridges, culverts, catch basins, any other drainage structures or any other improvements to be made and shall include all of the following:
  - a. The open channel or storm drain grades, design flow, design velocity, capacity and hydraulic grade line;
  - b. A plan and profile of all culverts under any street with the design flow of water, headwater, and tailwater depth and tail water capacity;
  - c. The size of all driveway culverts to carry the design flow of water at each point of installation;
  - d. Typical ditch sections and the width of any right-of-way or easement needed;
  - e. A summary sheet of all drainage facilities;
  - f. The seal and signature, prominently displayed on each sheet, of the licensed professional engineer responsible for the design.
5. The plat shall notify that the filling or obstruction within the flood plain and drainage easements shall be prohibited.

**Severability:** If any of the provisions of this ordinance are determined to be unconstitutional or unlawful by any court of competent jurisdiction, the remainder shall be several and unaffected.


**Repealer:** Any ordinance or parts thereof in conflict with this section are hereby repealed.

PASSED AND APPROVED this 5<sup>th</sup> day of July, 2016.

ATTEST: (Seal)

  
BROOKS MITCHELL, City Clerk



  
GLENN LEWIS, Mayor

APPROVED AS TO FORM & LEGALITY:

A handwritten signature in cursive script, appearing to read "Randy Brink", written over a horizontal line.

RANDY BRINK, City Attorney