

# Montrose County Stormwater and Drainage Regulations

## 1. *Development in Hazard Areas*

- A. UNMAPPED FLOOD HAZARD AREAS: For the purpose of these regulations, subdivisions that are influenced by any unmapped drainage basin of 160 acres or larger shall receive a detailed hydrologic analysis by a Professional Engineer delineating all 100-yr flood plain areas. This analysis shall be submitted to the Land Use Department and reviewed by the county Engineering Department prior to Board consideration of any Preliminary Plan.
- B. FLOOD HAZARD AREAS: When a subdivision is proposed that is located within a known floodplain area as identified in 1.A above or as identified in the 1986 FEMA Flood Insurance Study-Vol. 1&2, the 2000 CWCB Hydrology Addendum, the 1980 Corps of Engineers Flood Hazard Information for Montrose and Olathe, the 1980 Corps of Engineers Flood Hazard Information for the Gunnison and Uncompahgre Rivers, the 1979 Floodplain Information and Urban Drainage Report for Cedar Creek, Montrose Arroyo, Dry Creek, or as mapped by the National Flood Insurance Program, the Sub-divider shall delineate the floodplain on the Preliminary Plan and address the following standards to the satisfaction of the Board:
- Delineate the flood plain on the Preliminary Plan and Final Plat.
  - Show the Standard Plat Note for the Flood Plain Hazard on the Preliminary Plan and Final Plat [Ref. M.C.S.R.]
  - Address to satisfaction of the Board that new or replacement water supply systems and sanitary sewage systems shall be designed and installed in accordance with the requirements of the Montrose County Board of Health Resolution.
  - In the event that the project as designed requires the alteration of the Flood Hazard area as mapped, the sub-divider shall be certified by a “Letter of Map Revision” from FEMA (FEMA approval of the alteration shall be certified by a “Letter of Map Revision” from FEMA which is to be provided to the Land Use Department by the sub-divider), and submit such approval to the county for review and approval by the County Engineer and to be administered by the Flood Plan Administrator prior to Board consideration of any Preliminary Plan.
  - The sub-divider shall dedicate an easement and construct adequate infrastructure to safely route the 100 –yr base flood conforming substantially to the lines and grades of the effected natural or artificial watercourse that traverses the subdivision. Adequacy of drainage infrastructure shall be determined by the County Engineer or designee based on the Montrose county Standards and

Specifications for Roads and Bridges and the associated reference documents contained therein.

2. *Strom Drainage and Flood Control*

- A. A drainage report, authored, signed and sealed by a Professional Engineer shall be submitted along with the Preliminary Plan for all Planned Developments, Major Subdivisions and Re-subdivisions. All drainage reports shall be prepared in accordance with the Montrose County Standards and Specifications for Roads and Bridges, and be reviewed and accepted by the County Engineer.
- B. The drainage report shall address routing of all regularly occurring flows, and discharge of all storm water from 25-year event. Adequate infrastructure must be designed and constructed to maintain all regular occurring flows, and to safely route the 25-yr storm event from the property at a rate not to exceed the predevelopment discharge rate to a point of natural drainage capable of handling the 100-yr event.
- C. The sub-divider shall dedicate drainage easements and construct adequate infrastructure to safely route the 25-yr base flood conforming substantially to the lines and grades of the effected natural or artificial watercourse that traverses the subdivision.
- D. The Standard Plat Note for Maintenance of Drainage Easements and Facilities shall be shown on the Preliminary and Final Plats. [Ref. M.C.S.R.]