



City of El Mirage Engineering Department's Requirements Custom Homes with Lots Under 8500 Square Feet

Homeowner/builder's Responsibilities

The homeowner/builder is responsible for the following:

- When work is performed in the right-of-way or in an easement, hiring a properly licensed contractor (A- license) to do this work.
- Hire a Registered Civil Engineer or Registered Land Surveyor to fill out and stamp the City's "Grading and Drainage Letter".

Grading and Drainage

Provide a letter (the "Grading and Drainage Letter") stamped by either a Registered Land Surveyor or Registered Civil Engineer (a template letter is provided for your convenience). The letter will certify the following:

- The building pad is at least 14 inches higher than the low point of the lot (excluding the retention basin).
- The entire lot drains to the street

Notes for the Contractor (City Inspector to Verify)

- A contractor working in the right-of-way or an easement must be a properly licensed contractor (A- license). Contractor will comply with the "Blue-stake" law.
- Notify the Engineering Department 24 hours in advance of performing any work
- Proper barricading and trench protection must be provided
- Water services shall be installed per the City of El Mirage Standard Detail 325. 1-inch service lines shall be copper K soft from the main to the meter. Existing galvanized or plastic lines must be abandoned and replaced.
- A double saddle with a brass body and two stainless steel straps is required (Mueller BR2S, Ford 202BS or equivalent).
- Off-site trench backfill shall be per the City of El Mirage Standard Detail 406
- Sewer service (where service is available) shall be per M.A.G. Standard Detail 440 using plastic Schedule 40 pipe (use of SDR 35 is prohibited).

Fees

- Per the Community Development Director
- Charge for new water meter (Customer Service)



Grading and Drainage Certification Letter
(lots under 8,500 sq. ft.)

Owner/builder's name and mailing address:

Lot address (new building):

Instructions

The following information is to be verified and then recorded below by either a Registered Civil Engineer or a Registered Land Surveyor. The registrant must seal this form once it has been completed. This letter must bear the original registrant's signed and dated seal.

Finished Floor Elevation: _____

Lowest Elevation on the Lot: _____
(excluding retention basin)

Is the finished floor elevation at least 14 inches above the lowest elevation on the lot?

Yes _____ No _____

Does the entire lot drain to the street?

Yes _____ No _____

Registrant's name/address/phone number:

Place registrant's seal below: