



Weber Fire District

Plan Review

Date: January 28, 2014

Project Name: Cardon Subdivision-Review #2

Project Address: 7948 E 100 S Huntsville

Contractor/Contact: Matt Cardon 801-580-1034/ mattcardon@gmail.com

FEE NOTICE:

Weber Fire District has various fees associated with plan reviews, and inspections. Please be prepared to make payments at the time of inspections or when you pick up your approved plans. Impact Fees are due prior to taking out a building permit. Make checks payable to: **Weber Fire District.**

REVIEW STATUS: MAKE CORRECTIONS

SPECIFIC COMMENTS:

Note: I believe that there may be some confusion between the required turn-around and required turn-outs. These are two different things. The turn-around must be located as shown, near the homes at the end of the access road. The turn-outs are 10 foot by 40 foot areas located along the access road intended to allow fire apparatus to pass other vehicles which may be on the access road at the time of an incident.

You may choose to place a 50 foot turn around along the access road; however it must be located 200 feet from the road (entrance to access road from main hwy). If you choose to do this, then it may take the place of one of the turn-outs.

Please see ordinance 108-7-29, section 1(e) for details.

1. The plat indicates that along the access road, there will be a “turn-around” built. This is not required to be a “turn-around” but rather “turn-outs”. A “turn-out” is defined as: An area along the road way that is 10 feet by 40 feet adjacent to the traveled surface. While it is acceptable to provide the “turn-around” it is not necessary, nor does it take place of the requirement for two turn-outs. A single turn-around must be provided at the location of the home as shown on the plat. See Weber County 108-7-29.
2. Access Exception: The access exception was reviewed and approved on January 6th, 2014. This was after a letter had been provided from Gardner Engineering stating that the existing culverts would hold the loads imposed by fire apparatus. A second letter has now been received which indicates load bearing capability. This second and newest letter dated January 22, 2014 indicates that the culvert is capable of supporting 32,000 lbs per axle. Fire apparatus typically have three axles. The total load requirement for the roadway is 75,000 lbs. Per the submitted document, the culvert should be capable of supporting the implied load of the fire apparatus.



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General Requirements:

1. Roads and bridges shall be designed, constructed and maintained to support an imposed load of 75,000 lbs.
2. All roads shall be designed, constructed, surfaced and maintained so as to provide an all-weather driving surface.
3. Fire access roads for this project shall be completed and approved prior to any combustible construction. Temporary roads shall meet the same requirements for height, width and imposed loads as permanent roads.

Note: All structures over 5000 sq. ft. which do not meet fire flow requirements, shall be equipped with an NFPA 13D compliant fire sprinkler system.

A written response for this review is required.

Every effort has been made to provide a complete and thorough review of these plans. This review does not relieve the owner, contractor and/or developer from compliance with any and all applicable codes and standards. Any change or revision of this plan will render this review void and will require submittal of the new or revised layout for fire department review.

Reviewed by: Brandon Thueson
Fire Marshal

cc: File