



Weber Fire District

Plan Review

Date: March 24, 2015

Project Name: Edgewater Phase 2 Review #1

Project Address: 6350 E. Hwy 39

Contractor/Contact: HWL Edgewater 801-335-8500

Fees:

Property Type	Schedule Rates	Square Foot Rate	Square Feet or Number of Res. Units	Total
Type	Rate	Rate/ Sq Ft	Sq Ft or # of Units	Total
Plan Review	Subdivision 1-30 Lots			\$50.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			Total Due	\$50.00

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:

1. Not enough information has been provided for me to do a complete and accurate review of the project. Please submit the following information:
 - a. Will the residential units be multifamily dwellings? (Specify use- Townhomes, Condo's, Apartments etc.)
 - b. How many total residential units are in each building?
 - c. Will the residences be built under the International Building Code or the International Residential Code?
2. The buildings may be required to protected by fire suppression systems depending on the use of the buildings and if they are built under the IBC or IRC. All R2 occupancies built under the IBC are required to be protected by fire suppression systems.
3. Water Supply Analysis Required: Prior to any construction being done, a water supply analysis shall be completed and submitted by an engineering firm or a fire protection engineer. This water supply analysis must include:
 - a. Building Construction Type
 - b. Available Water for fire-fighting purposes
 - i. Static Flow Rates
 - ii. Residual Flow Rates
 - iii. Flowing GPM
 - iv. Duration of flowing GPM available.
 - c. Statement of conformance/non-conformance to 2012 International Fire



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Code section 507 and Appendix B as adopted by Weber Fire District (See Resolution 04-2014 at <http://weberfiredistrict.com/services/fire-prevention>).

- d. If deficiency exists, proposed method to obtain conformance with adopted codes and Resolution 04-2014.
4. Fire Hydrant(s): The fire hydrants indicated on the plan appear to meet the requirements for spacing. Additional hydrants may be required depending upon the water analysis.
5. Fire Flow: Not enough information has been provided for me to provide the fire flow requirements. Please provide the building square footage and construction type. For more information regarding fire flow, please contact Fire Marshal Thueson at 801-782-3580.
6. Provide a temporary address marker at the building site during construction.
7. Fire Access roads to any property shall have a minimum clear width of 20 feet (face of curb to face of curb) and a vertical clearance of 13 foot 6 inches and shall be capable of supporting a 75,000 pound load.
8. Secondary access: Multifamily dwelling projects having more than 100 units shall have two separate and approved access roads. There may be up to 200 units if ALL the buildings in the project are equipped throughout with fire suppression systems (see section D106 of the International Fire Code).
9. Roads shall have a maximum grade of 10% unless specifically approved as outlined by the International Fire Code.
10. Radius on all corners shall be a minimum of 28'-0".
11. Dead end fire apparatus access roads in excess of 150 feet in length shall be provide with an approved area for turning around fire apparatus constructed with the same requirements as the roads.
12. Roads and bridges shall be designed, constructed and maintained to support an imposed load of 75,000 lbs.
13. All roads shall be designed, constructed, surfaced and maintained so as to provide an all-weather driving surface.
14. 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.
15. All required fire hydrants and water systems shall be installed, approved and fully functional prior to any combustible construction.

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.



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Reviewed by: Brandon Thueson
Fire Marshal

cc: File