



Weber Fire District

Plan Review

Date: February 24, 2015

Project Name: Sterling Automotive Solutions

Project Address: 4930 E 2550 N. Eden

Contractor/Contact: Justin Pack, Ogden Valley Homes | 801-814-7433

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	Commercial Site			\$50.00
Commercial Impact Fee	Commercial	244.97		\$3,552.06
				\$0.00
				\$0.00
Total Due				\$3,602.06

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. 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 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.
2. Fire Hydrant(s): There must be at least one fire hydrant within 250 feet of the building.
3. Fire Flow: The required fire flow for a type VB construction building of 14,500 square feet is 3250 GPM for a duration of 3 hours. This flow rate may be achieved through 3 hydrants located within 225 feet of the building (see appendix C of the 2012 IFC). This flow rate may be reduced if the building is provided



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with an NFPA 13 compliant fire suppression system. For more information regarding fire flow, please contact Fire Marshal Thueson at 801-782-3580.

4. The plans indicate that the primary use of the structure will be for automotive repair. As an S occupancy used for automotive repair, IF the building area that is used for the repair is larger than 12,000 square feet, then the building must be equipped with an automatic fire suppression system as outlined by section 903.2.9.1 of the 2012 International Fire Code.
 - a. An option would be to provide fire walls which divide the building into areas smaller than 12,000 square feet each.
5. Provide a temporary address marker at the building site during construction.
6. 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.
7. Radius on all corners shall be a minimum of 28'-0".
8. Roads and bridges shall be designed, constructed and maintained to support an imposed load of 75,000 lbs.
9. All roads shall be designed, constructed, surfaced and maintained so as to provide an all-weather driving surface.
10. 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.
11. 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.

Reviewed by: Brandon Thueson
Fire Marshal

cc: File