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PLAN REVIEW

Date: February 20, 2014

Project Name: Ogden Water Treatment Plant

Project Address: 900 Ogden Canyon Rd, Ogden

Contractor/Contact: Sunrise Engineering and Ogden City Water (Kenton Moffett 801-629-8097 | kentonmoffett@ogdencity.com)

Fee(s):

Type	Schedule Rates	Square Foot Rate	Square Feet or Number of Res. Units	Total
	Rate	Rate/ Sq Ft	Sq Ft or # of Units	Total
Plan Review				\$100.00
			Total Due	\$100.00

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.

CONDITIONAL USE PERMIT:

Weber Fire District has no issues regarding the conditional use permit.

BUILDING PLANS:

Status: MAKE CORRECTIONS

Notes: As this was entered into the Miradi system as a Conditional Use Permit, the CUP was approved. HOWEVER, the building plans have items that need correction and/or clarification. Please make the following corrections.

Specific Comments:

1. Submit MSDS documents for all chemicals to be used and stored on site. Include quantity and method of storage.
2. Indicate on the plans where the chemicals are to be stored and as stated above, in what quantities.

3. Sheet AE0002 and AE003: This sheet has a “Occupant Calculation” table. In the table there are several rooms which indicate 0 as the occupancy. Correct the table to show the accurate occupant loads as calculated using the International Fire Code table 1004.1.2.
4. Exit widths must be verified once proper occupant load has been calculated and established for each area.
5. Sheet AE101 indicates a Knox box is to be provided. There will need to be two Knox Boxes provided: 1 for Weber Fire District and 1 for Ogden City Fire Dept. Both jurisdictions respond to this location and as such will need access. Locate the Knox box at the main entrance to the main facility.
6. Room 112 “Chemical Room”: This room states that it is the chemical room. What chemicals? What quantity? What storage method? Is this room an H occupancy? Is there proper secondary containment? What electrical division should the electrical devices be?
7. Sheet 121 indicates a roof hatch. These roof hatches must meet the requirement of IFC section 1009.16: Exception. Protection around all roof hatches is required as outlined by 1009.16.2
8. Sheet AE301 also indicates a roof hatch. This must also meet the opening requirements outlined in 1009.16: Exception.
9. The access ladder shown on sheet AE411 must meet the requirements outlined in IFC section 1013, 1013.3 #5, 1013.4 #4. There shall be no obstructions within the ladder area that would interfere with fire personnel accessing the landing and the access hatch.
10. Sheet AE603 indicates that there are no doors with fire ratings. Is this correct?
11. Sheet C1 indicates the propane tank is to be relocated. In order to check for code compliance, the volume of the tank must be indicated. All propane use and storage must comply with IFC chapter 61 and all Utah State LPG board rules. For tanks over 6000 gallons capacity, a submittal and review through the Utah State Fire Marshal’s office is required.
12. Some of the civil drawings were not legible. The dark background made it very difficult to see what changes were being made. Please resubmit these in a format that is easier to view.
13. Sheet FA101 indicates that there will be a fire alarm system. All fire alarm systems require a deferred submittal by the fire alarm contractor. Submittal must include:
 - a. Designers name and NICET level.
 - b. All battery calculations.
 - c. Cut sheets for all devices, alarm panels etc.
14. Fire alarm system:
 - a. Devices in chemical room 112 shall be corrosion proof. Ensure that all wiring and alarm devices conform to proper electrical division class.
 - b. Provide a weather proof horn/strobe device on the exterior of the building.
15. Sheet CD4 and several others indicate that there are several gates and gate styles. All vehicle access gates must provide a minimum clear opening of 16 feet, and a vertical clearance of 14 feet. Electronically controlled gates shall be equipped with a Knox Key Switch. Padlocked gates shall be provided with a Knox Padlock.
16. All storage, use, handling of chemicals/hazmat products shall conform to all applicable sections of the International Fire Code, International Building Code as well as all State and local regulations.

A WRITTEN RESPONSE TO 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. If you have any questions, please contact me at 801-782-3580.

Brandon Thueson
Fire Marshal

cc: File