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| <b>Project</b>              | <b>Prairie Waters Project - Aurora Reservoir Water Purification Facility<br/>Aurora, Colorado</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Scope of Services</b>    | <b>Lintjer + Haywood Architects is provided architectural services for this new 50 MGD water treatment facility located on 120 acres at the Aurora Reservoir.</b> Services include master planning all aspects of this Prairie Waters Project occurring within the boundaries of the reservoir and gaining approval from Aurora Parks and Open Space and City Council. Full architectural services, including all design phases, bidding and services during construction are being provided for the 12 treatment plant buildings and associated pump stations located at the reservoir.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Project Descriptions</b> | <p>Due to the size and complexity of this project, as well as being located in Aurora's premier park, a campus style site design was selected. This concept accommodates maintaining view corridors into and out of the park; allows buildings to be built into the sloping grade; and will expedite construction as all the buildings can be constructed at one time.</p> <p>Facilities include a control building, water vaults, softening facility, pre and post treatment chemical buildings, filtration and adsorption facility including maintenance shops, floc/sed facility, UV facility and two pump stations. Several of the facilities are constructed below grade with landscape above minimizing the facility impact above grade. Major facility areas are connected via a below grade access corridor system. The total facility floor area is in excess of 200,000 square feet.</p> <p>Predominate construction materials include multi-colored architectural precast concrete, dry stack synthetic stone wall facing &amp; prefinished metal roofs. Colors for this facility are neutral beige and bronze colors that will blend with the prairie grasses within the park site.</p> |



#### **Partial site Plan**

This project demonstrates Lintjer + Haywood Architects experience with:

- Working with groups of engineers to successfully design infrastructure facilities on schedule and meeting the clients program needs.
- Working on and successfully completing multiple projects at one time.
- Designing facilities that address the site's context and minimize its impact to the thousands of park users through varying building forms and selecting colors that will blend with the natural Colorado prairie colors.

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| <b>Project Data</b> | Client: Aurora Water |
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