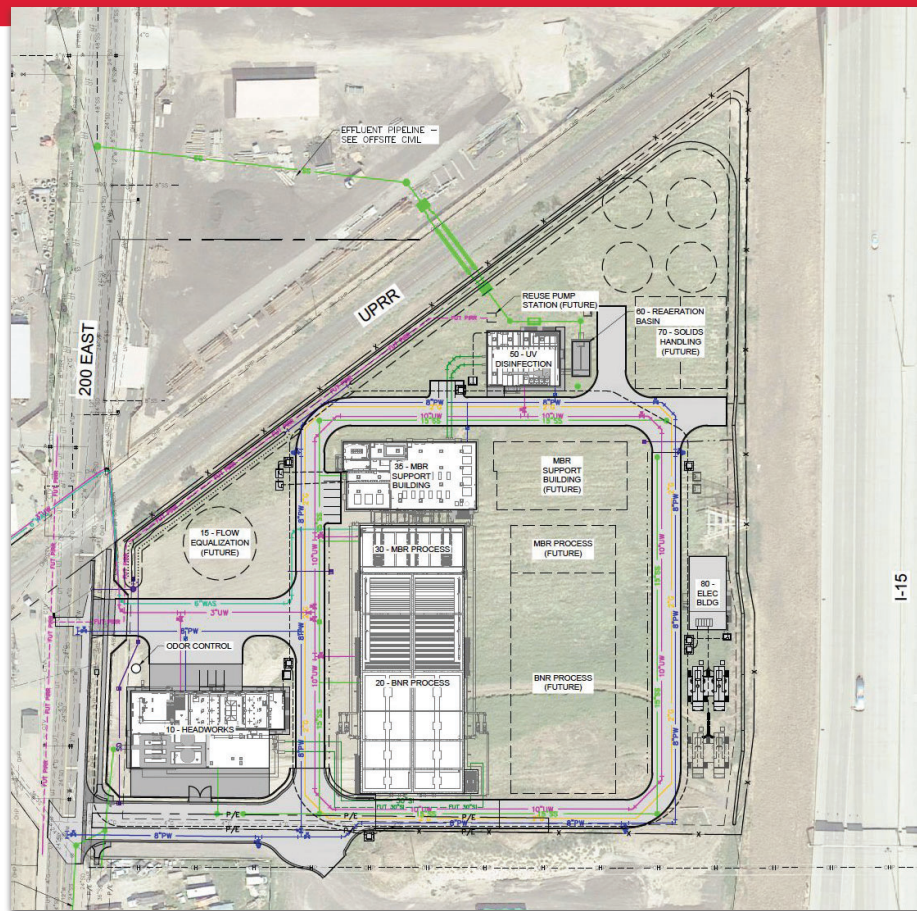


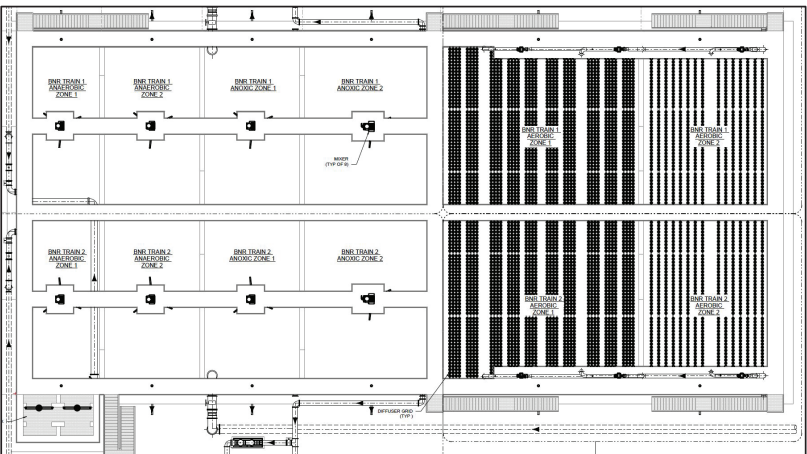
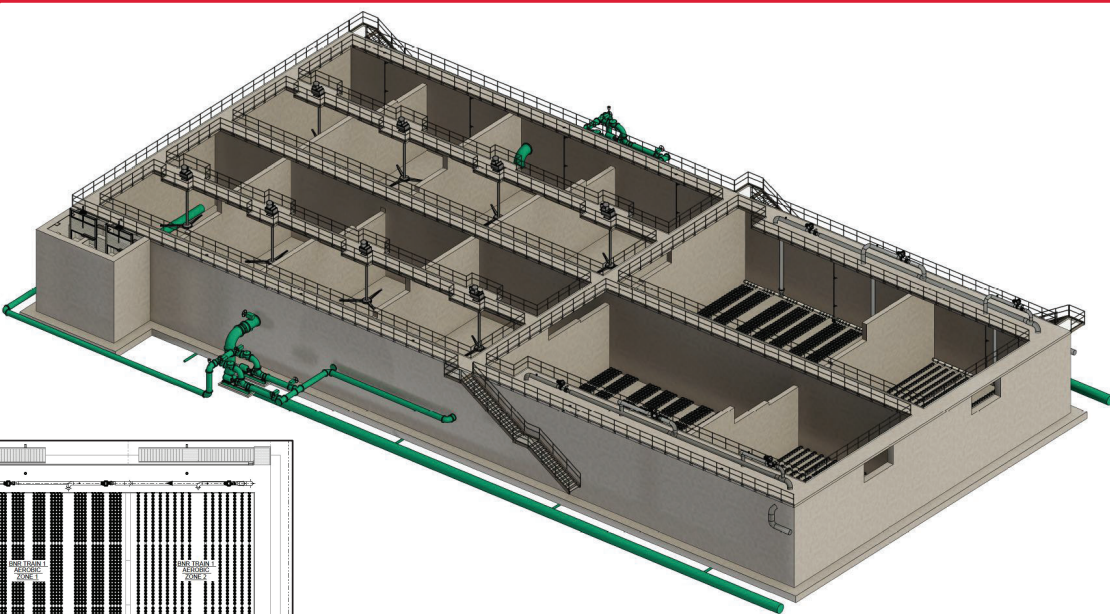
On Site Treatment Plant

- 60% Design complete.
60% GMP coming March
- 30% Engineer Estimate \$130M
- 30% Contractor GMP \$140M
30% Contingency (\$33M)
- Estimates include solids handling and offsite pipelines.
- 5 Stage Design for Nitrogen
- Summer 2022 Ground Stabilization
- Treatment Plant Start Fall 2022
- Completion Summer 2025
Deadline January 2025



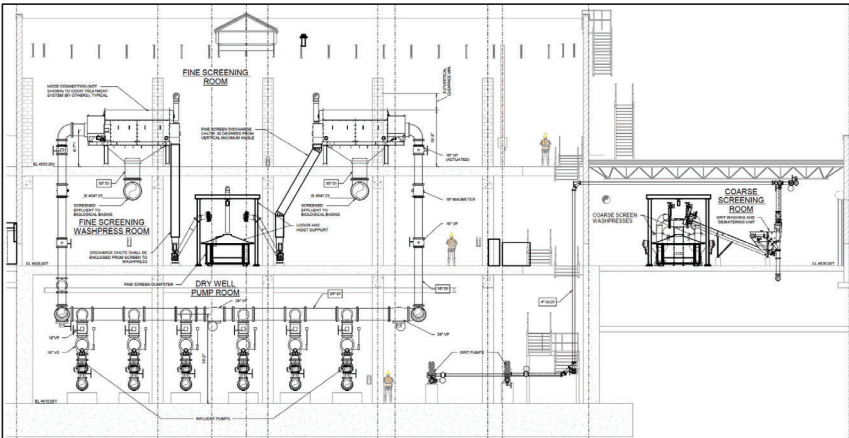
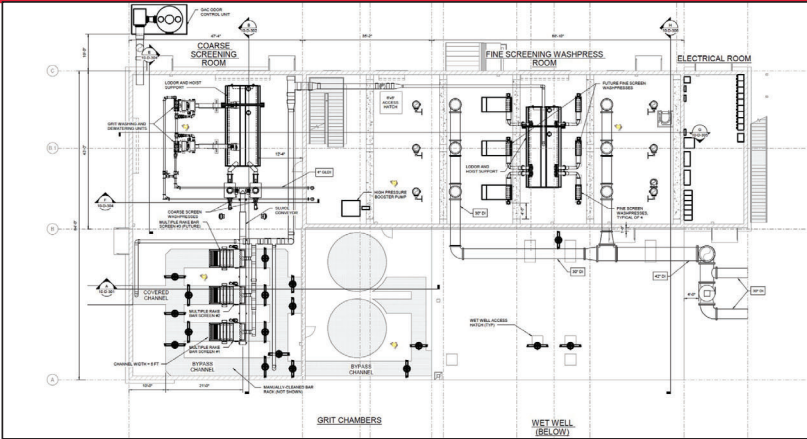
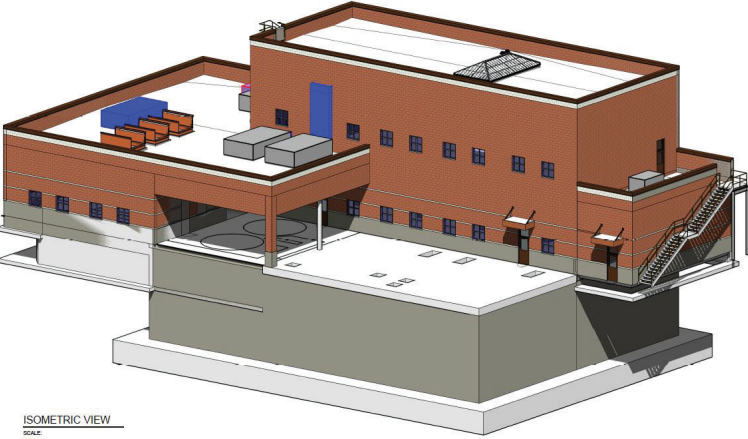
Biological Nutrient Removal (BNR)

- UCT Process
- Anaerobic, Anoxic, Aerobic (A2O)
- Swing basin to easily convert to a 5 stage Bardenpho process for further nitrogen removal.



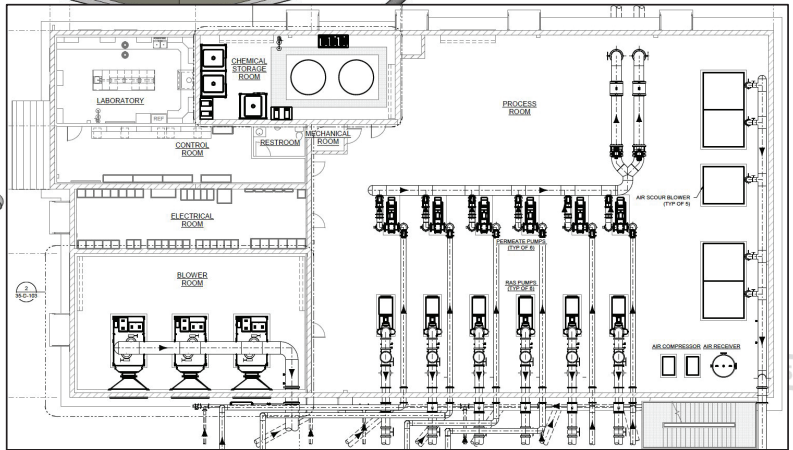
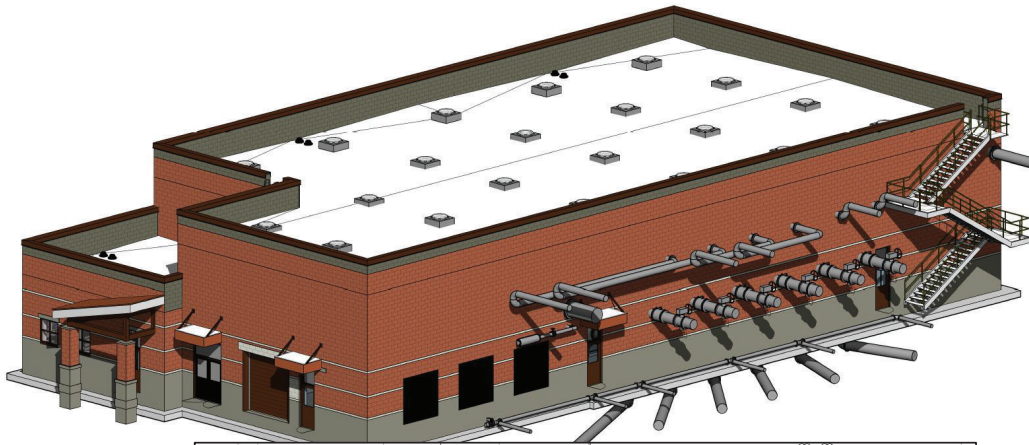
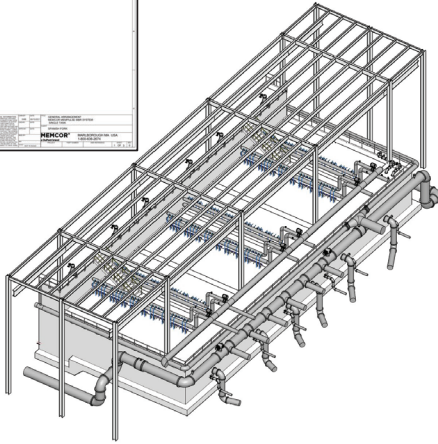
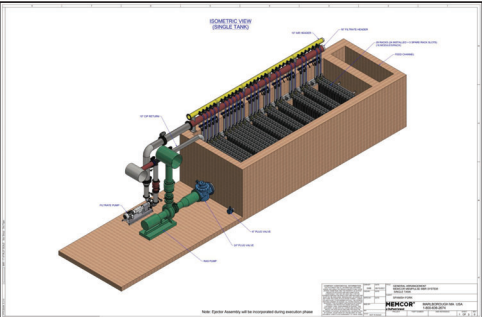
Headworks & Odor Control

- Most expensive building
- Sized for Buildout
- Course Screens
- Grit Removal
- Pump Station
- Fine Screens



MBR Basins

- Dupont Memcor membranes



UV Disinfection

- Safer/More Environmentally Friendly
- Trojan UV System
- Re-aeration
- Add equipment for re-use to PI
- Sized for Buildout & Re-Use

