

Disaster Mitigation Adaption and Fund Chapman Water Treatment Plant Upgrades

Special Board Meeting
July 6, 2023



Integrating New Reservoirs into the Chapman Water System

- Water from a reservoir would need to be treated through the Chapman Water Treatment Plant
- Treatment Plant Expansion is required- current plant nearing capacity
- Seeking 100% federal cost-share through DMAF, as this project would be required to complete the shíshálh Nation reservoir projects



Chapman Water Treatment Plant 50% Expansion Cost estimates

Original Build

- 2003 \$6,400,000

50% Expansion estimates

- 2007 \$5,600,000
- 2021 \$21,500,000
- 2028 \$25,000,000

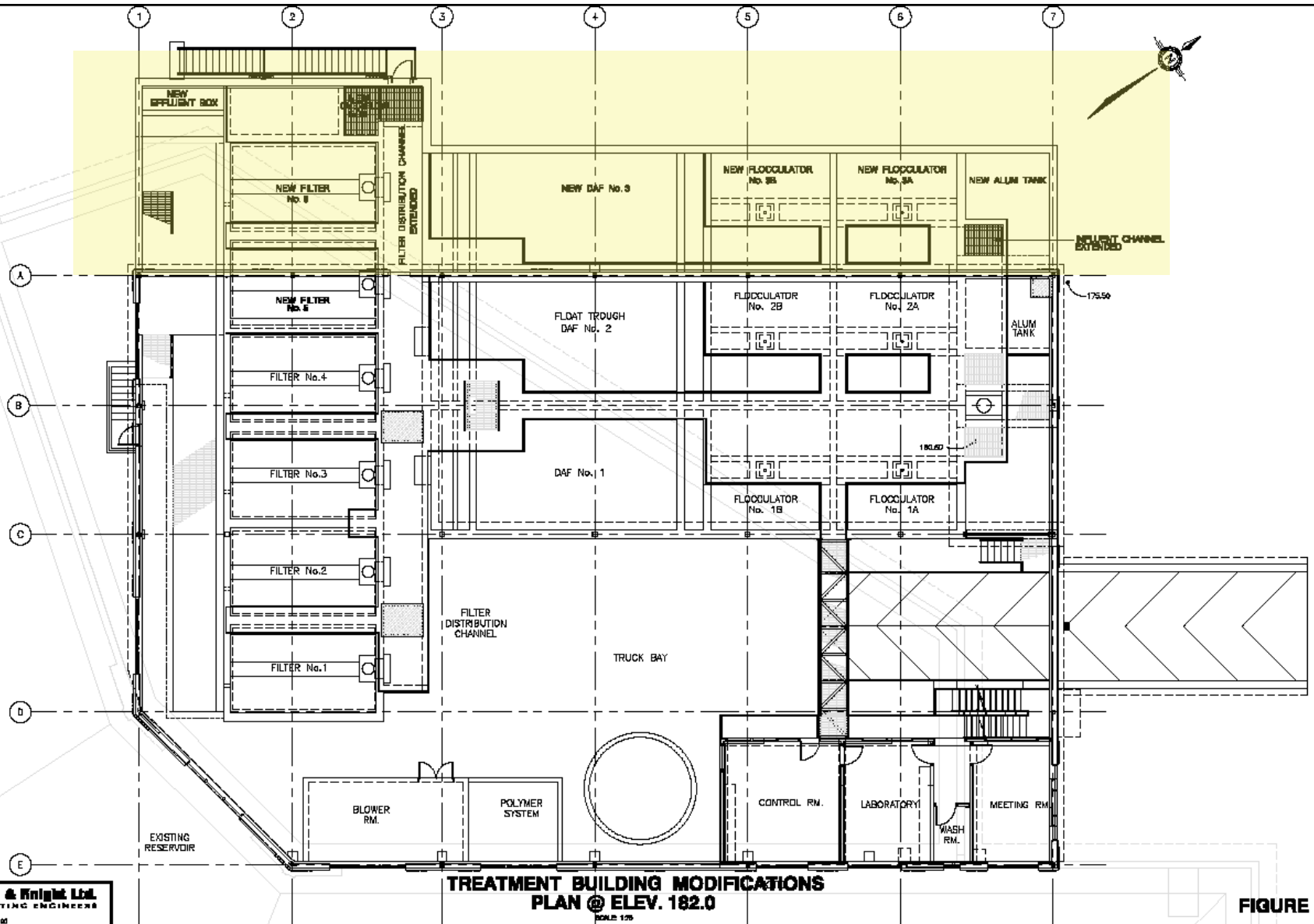


Required Upgrades

- Mechanical treatment equipment
- Building expansion
- Engineering
- Hydro upgrade
- Generator upgrade
- Soda and Coagulant storage upgrade
- Ultra-Violet treatment upgrade



Treatment Building Modifications



Questions?

