



CITY OF HOUSTON
Houston Public Works


DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion



Aerial View of Entire Site Oct 25, 2018



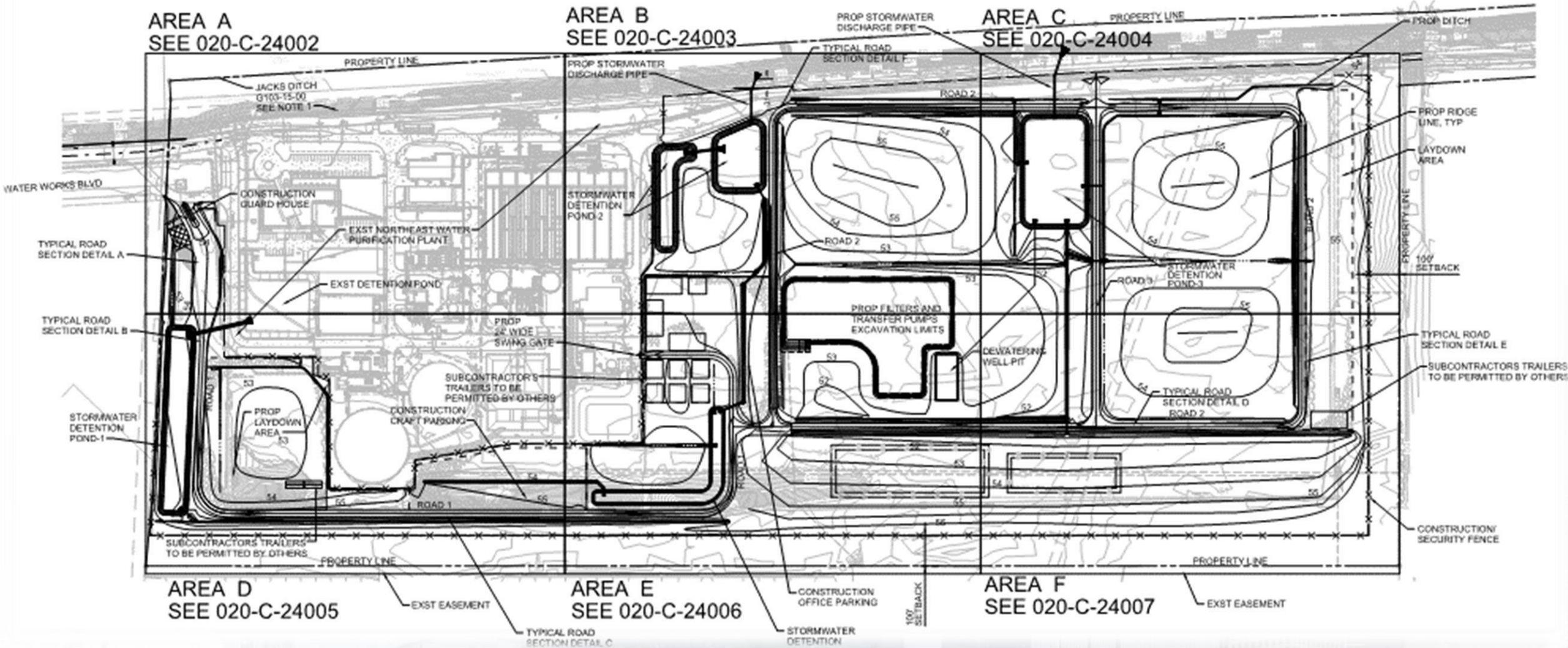


Construction Progress – EWP 1 Site Development

Oct 31, 2018

- **Clearing/Grubbing near Jack's Ditch for 36in FW and 66in RW Lines**
- **Embanking and compacting south area of site.**
- **Installing 24in FW Pipeline Relocate**
- **Installing fence along east site boundary**





Aerial View of Main Site Oct 25, 2018



Embanking and Compacting South area of site



Formed, Reinforced, and Poured Metering Station Pipe Supports





Construction Progress – EWP 4 – Raw Water Corridor

- **Cutting pipeline excavation, and installing shoring system**
- **Tunneling in shaft**
- **Excavating shaft in East Corridor**
- **Laying 108” Pipe, & Backfilling**
- **Excavating Exit Shaft in East Corridor**
- **Placing CLSM**



Backfilling 108in Pipe



Laying 108in Pipe Joints



Aerial View of 108in Pipe Trench Oct 25, 2018





Mining Tunnel 60ft in

Aerial View of Boring Shafts Oct 25, 2018





Construction Progress – EWP 2 Filter Structure & TPS

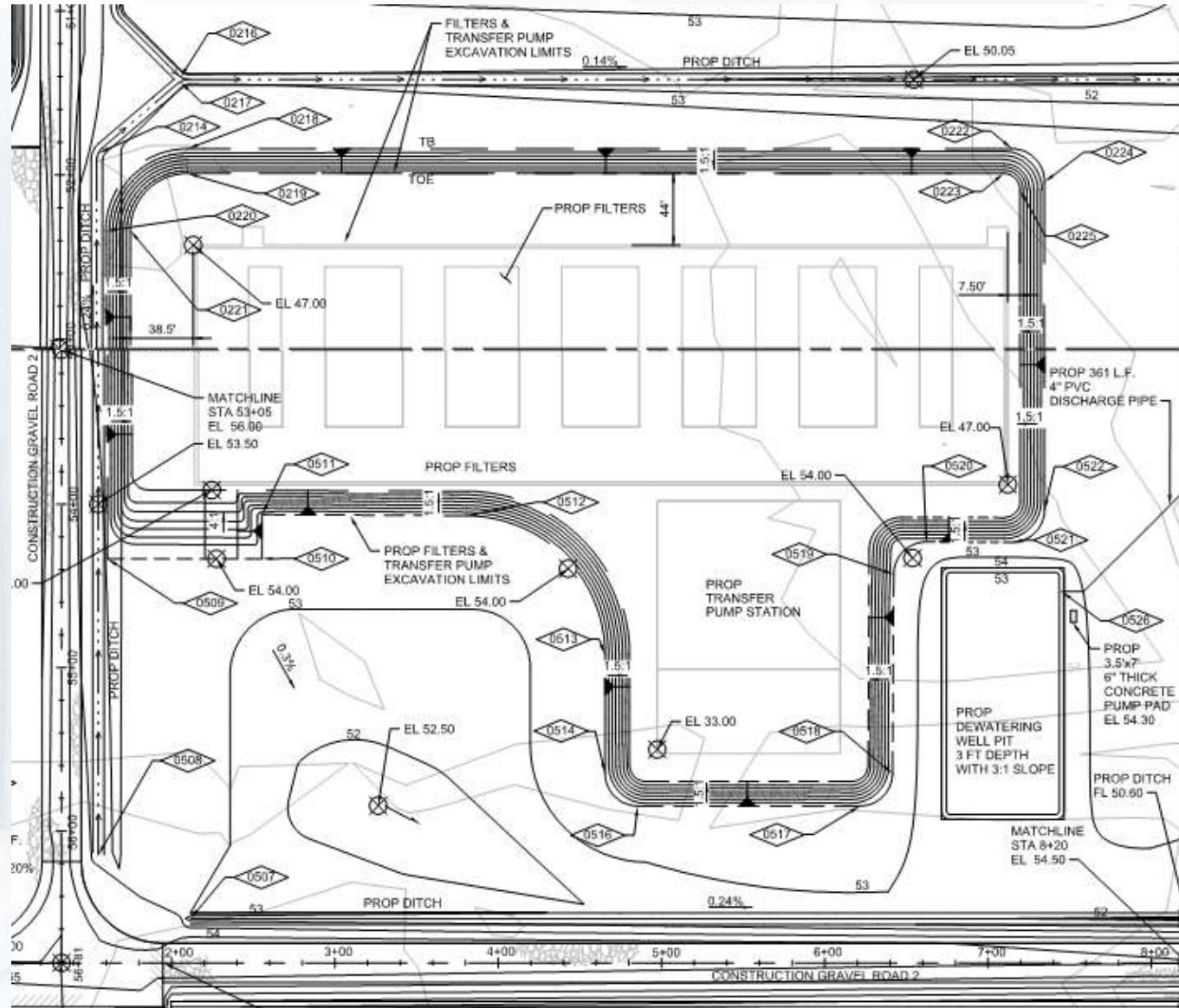
FILTER STRUCTURE:

- **Forming, reinforcing, and pouring Interconnect Vault & OZW Inlet Box slabs**
- **Reinforcing/Forming walls and Placing wall pipe in Interconnect Vault**

TPS:

- **Preparing subgrade of main TPS slab**
- **Placing underdrain system of TPS slab**





Aerial View of EWP2 Site Oct 25, 2018



Pouring walls C10 & D10



Forming and reinforcing OZW Inlet Box (West)



Pouring OZW Inlet Box Slab (West)



Forming/Reinforcing and placing pipe in Interconnect Vault



Poured slab and reinforcing/forming walls of Interconnect Vault



Reinforcing walls of OZW Inlet Box (East) & Placing Pipe in Bypass Vault



Preparing Subgrade of main TPS Slab



Placing TPS Underdrain System

