



CITY OF HOUSTON
Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

Houston Waterworks Team



Site-wide Safety Training: Rigging




Site-wide Safety Training: Rigging



Crew of the Month





Construction Progress – EWP 1 Site Development

Nov 7, 2018

- **Clearing/Grubbing near Jack's Ditch for 36in FW and 66in RW Lines**
- **Embanking and compacting south area of site.**
- **Embanking road 3**
- **Installing 24in FW Pipeline Relocate**
- **Pipe fitting 30in FW Pipeline**
- **Installing fence along east site boundary**
- **Hydroseeded Ponds 2a and 3**



Embanking and Compacting South Plant and Road 3



Hydroseeded Pond 3 Slopes



Hanging fence at East Boundary



Fitting 30in Pipe





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**



Placing CLSM around 108in Pipe



Installing beams and shoring down the pipe trench





Construction Progress – EWP 2 Filter Structure & TPS

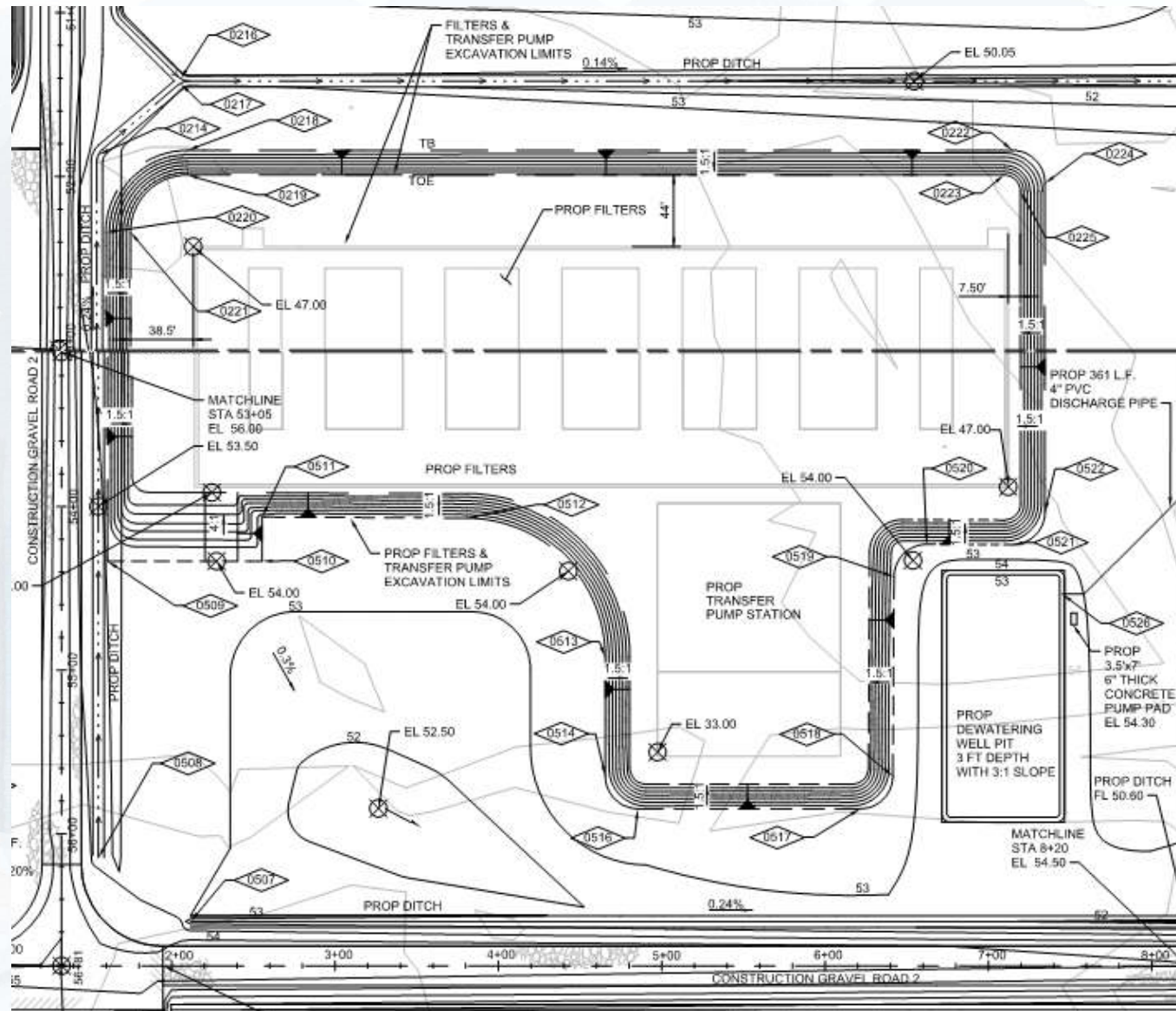
FILTER STRUCTURE:

- **Poured walls**
- **Poured mud mat for pipe encasement**
- **Reinforcing/Forming walls and Placing wall pipe in Interconnect Vault**

TPS:

- **Placing underdrain system material for TPS slab**
- **Installing underdrain piping system**





Pouring wall lifts C9, C11, & C13



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Reinforcing & Final Forming Interconnect Vault



Setting and tying rebar for walls



Extending Mud Mat & Pipeline Excavation



Placing & Compacting TPS Underdrain System Material



Installing Underdrain Piping & Compacting

