



CITY OF HOUSTON
Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

Houston Waterworks Team



University of Houston Construction Management Student Tour



Ice cream Social



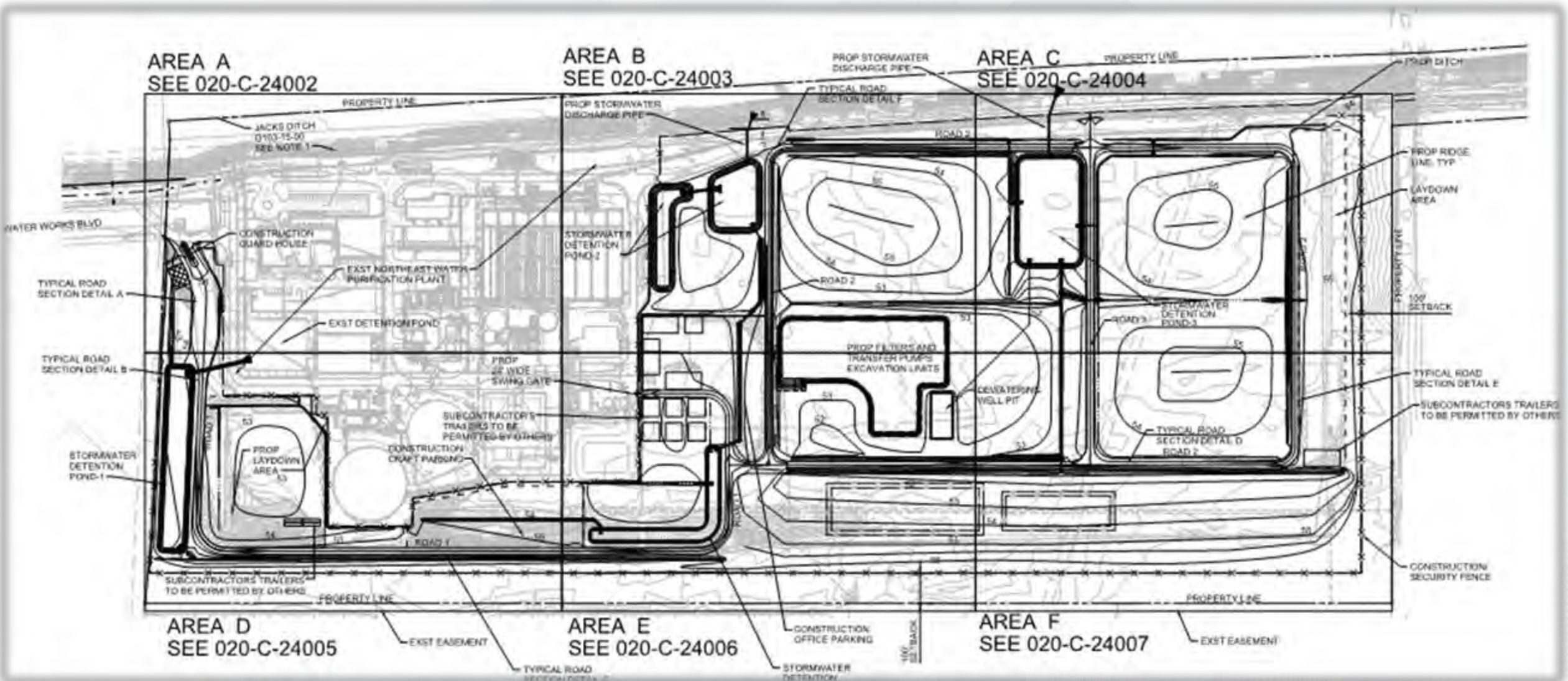


Construction Progress – EWP 1 Site Development

Oct 17, 2018

- **Final grading Ponds 2 and 3**
- **Installing meter and power to guard shack**
- **Clearing/Grubbing CenterPoint Easement**
- **Performing hydrostatic pressure test on 20in RW line**
- **Clearing/Grubbing near Jack's Ditch for 36in FW and 66in RW Lines**
- **Pulling wire for power to EWP2 dewatering pumps**
- **Installing fence on East Property line**





Filling and grading south property area



Clearing & Grubbing CenterPoint Easement



Installing fence at East Property line



Clearing near Jack's Ditch for 36in FW & 66in RW Line Reroutes



Filling and hydrostatic testing 20in RW Line



Tie-in 6in Discharge Pipe from TPS Pit to Pond 3



Pulling Wire for Power to EWP2 Dewatering Pumps





Construction Progress – EWP 4 – Raw Water Corridor

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



Laying 108" RW Pipe Joints



Placing CLSM in 108in Pipe Trench



Tunneling in Shaft





Construction Progress – EWP 2 Filter Structure & TPS

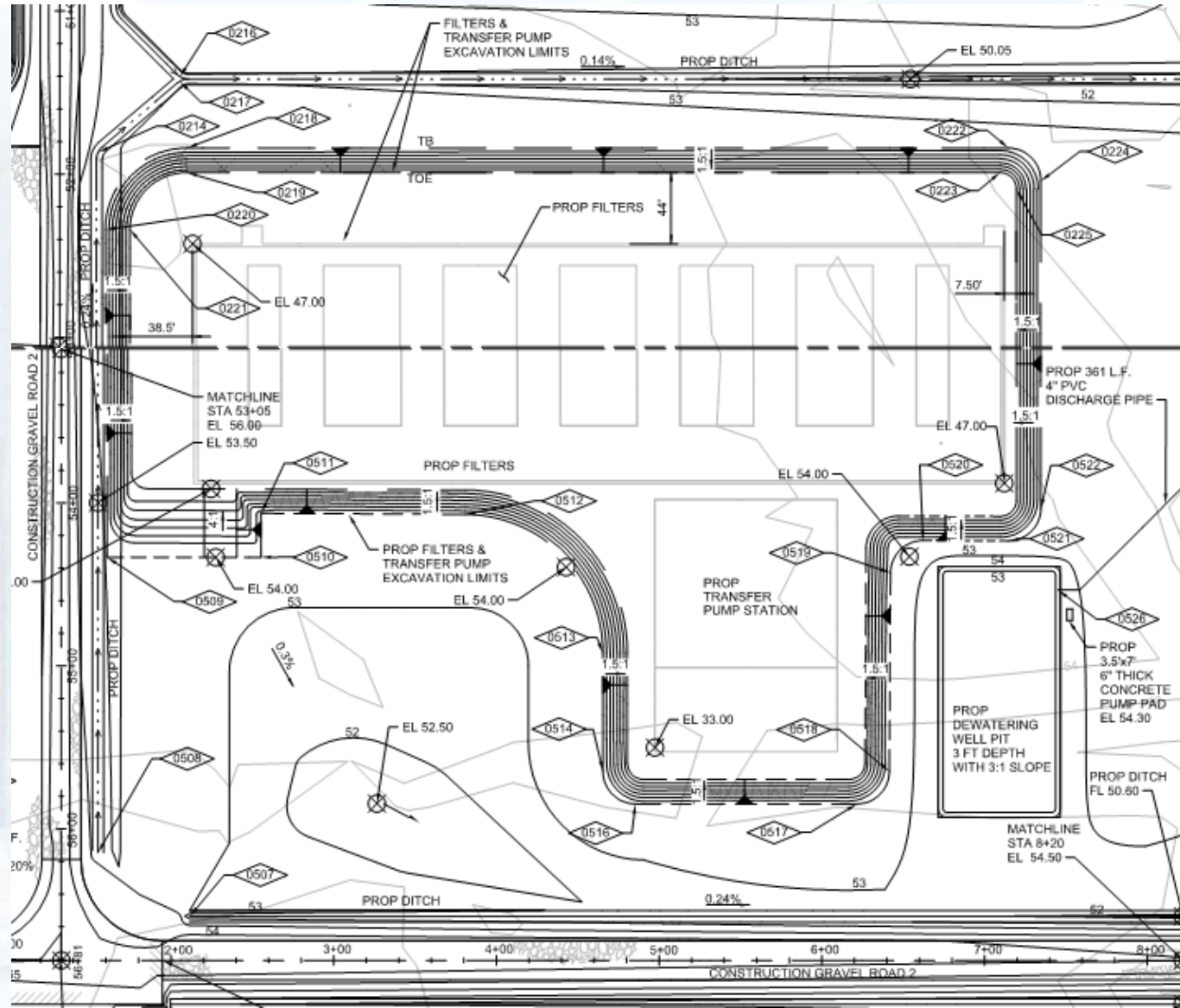
FILTER STRUCTURE:

- **Excavating Interconnect vault**
- **Tying rebar and installing waterstop for walls**
- **Poured walls**

TPS:

- **Backfilling and compacting TPS slab**
- **Stripping wall forms**





Excavating & Compacting Interconnect Vault



Tied rebar and dowels for Bypass Vault



Pouring OZW Inlet Box Slab (East)



Pouring Wall D11



Filter Area Pipe Delivery



Backfilling & Compacting TPS Slab



Backfilling & Compacting Behind TPS Retaining Wall



Stripping TPS Wall Forms



Flying the Flags



2018 10 12



2018 10 12