



CITY OF HOUSTON
Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

Houston Waterworks Team



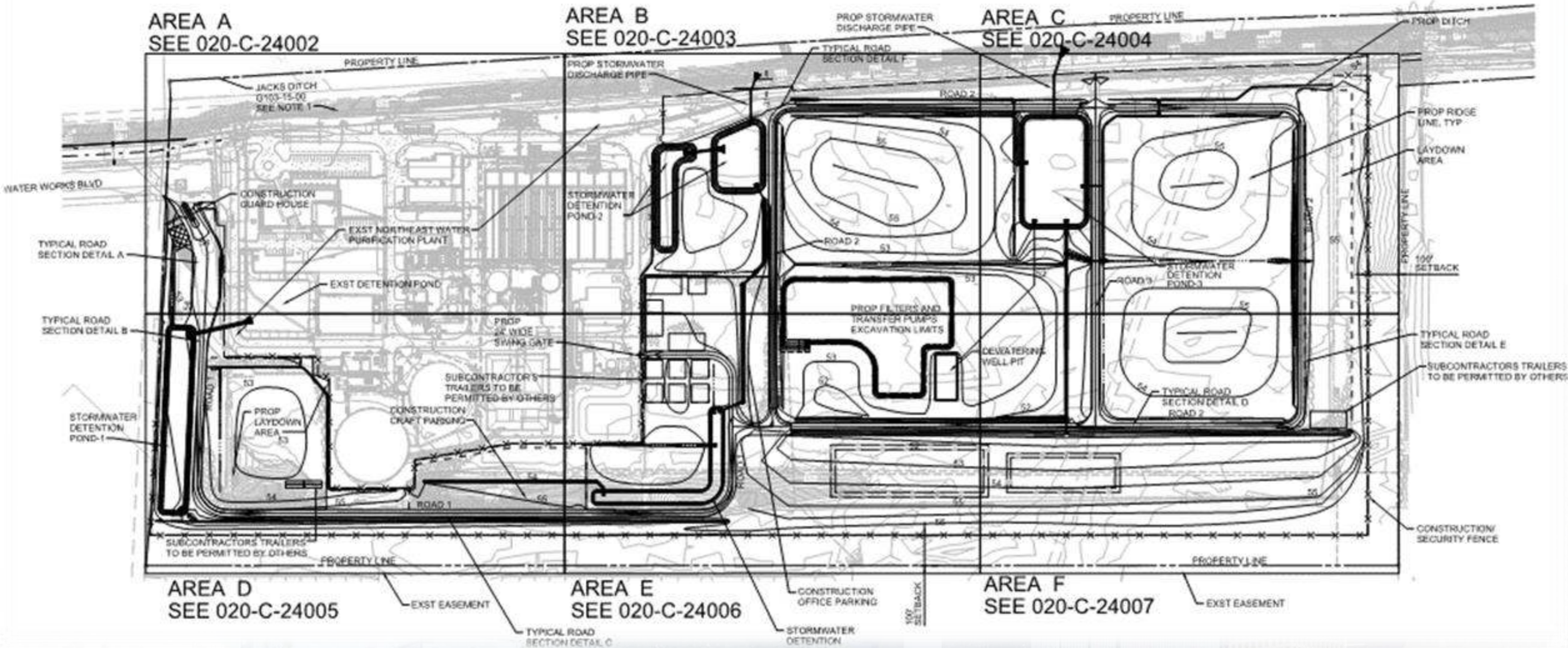


Construction Progress – EWP 1 Site Development

August 22, 2018

- **Dewatering and Final grading Ponds 1, 2, and 3**
- **Clearing and grubbing South East corner**
- **Hauling unsuitable soils off-site**
- **Embanking Road 2**
- **Laying CTB on Road 3**
- **Installing 20" RW pipeline**
- **Installing fence on south property line.**





CTB on Rd 3

Embanking/Compacting Rd 2



Installing 20" RW Pipeline



Cleared area to tie into existing wetland outfall



Backfilling and Compacting 20" RW Pipeline





Another Gator Caught on site



Construction Progress – EWP 4 – Raw Water Corridor

August 22, 2018

- **Maintaining dewatering system**
- **Cutting pipeline excavation, and installing shoring system**
- **Installing fence in East corridor, South side**
- **Installing dewatering system in East corridor**



Installing shaft entryway cage ladder



Welding Portal Ring



Cutting Pipeline Trench



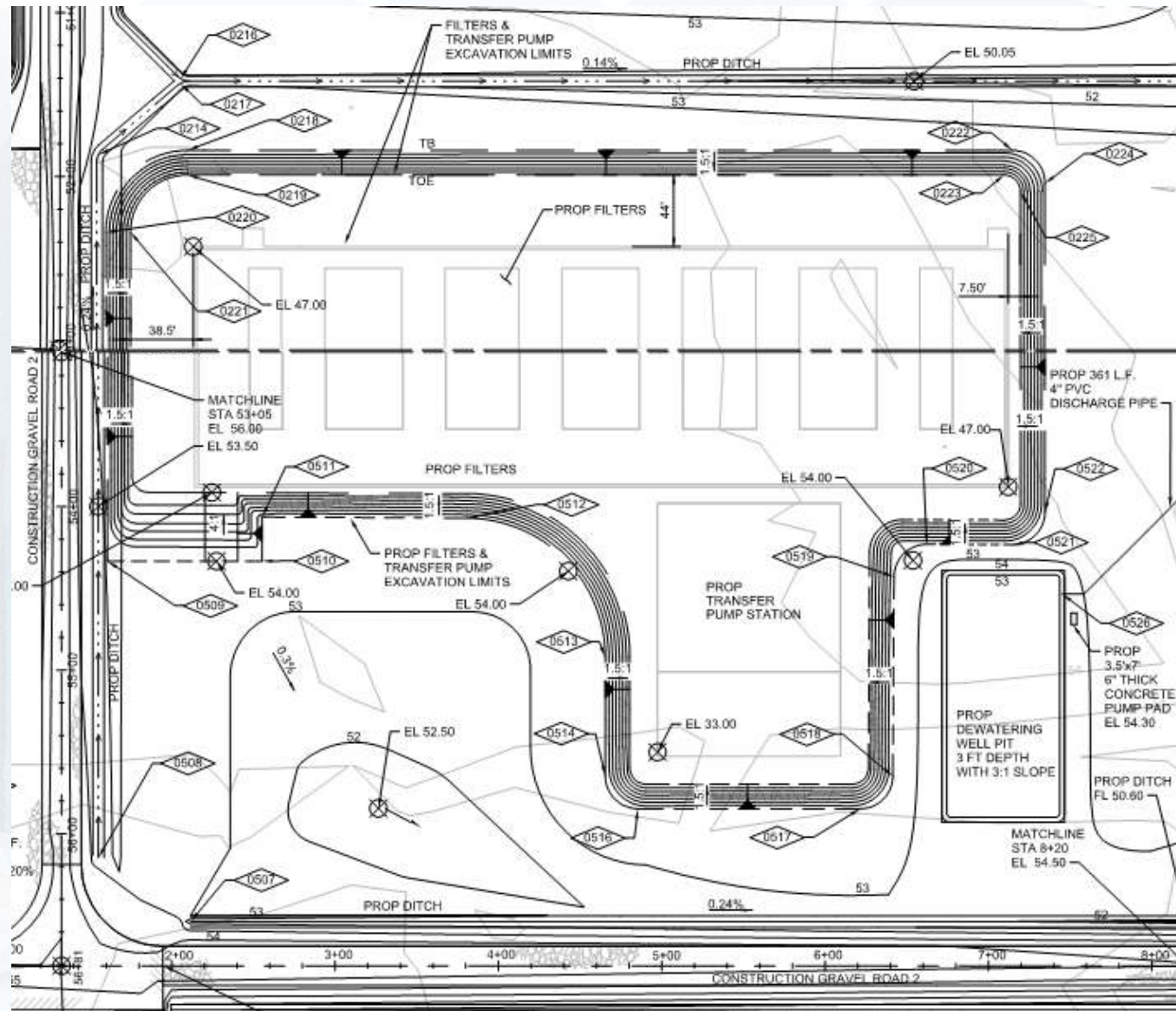


Construction Progress – EWP 2 Filter Structure & TPS

August 22, 2018

- **Installing formwork for foundation slabs**
- **Tying rebar for foundation slab**
- **Excavating TPS pump cans and backfilling with crushed concrete**
- **Poured base manifold slab**

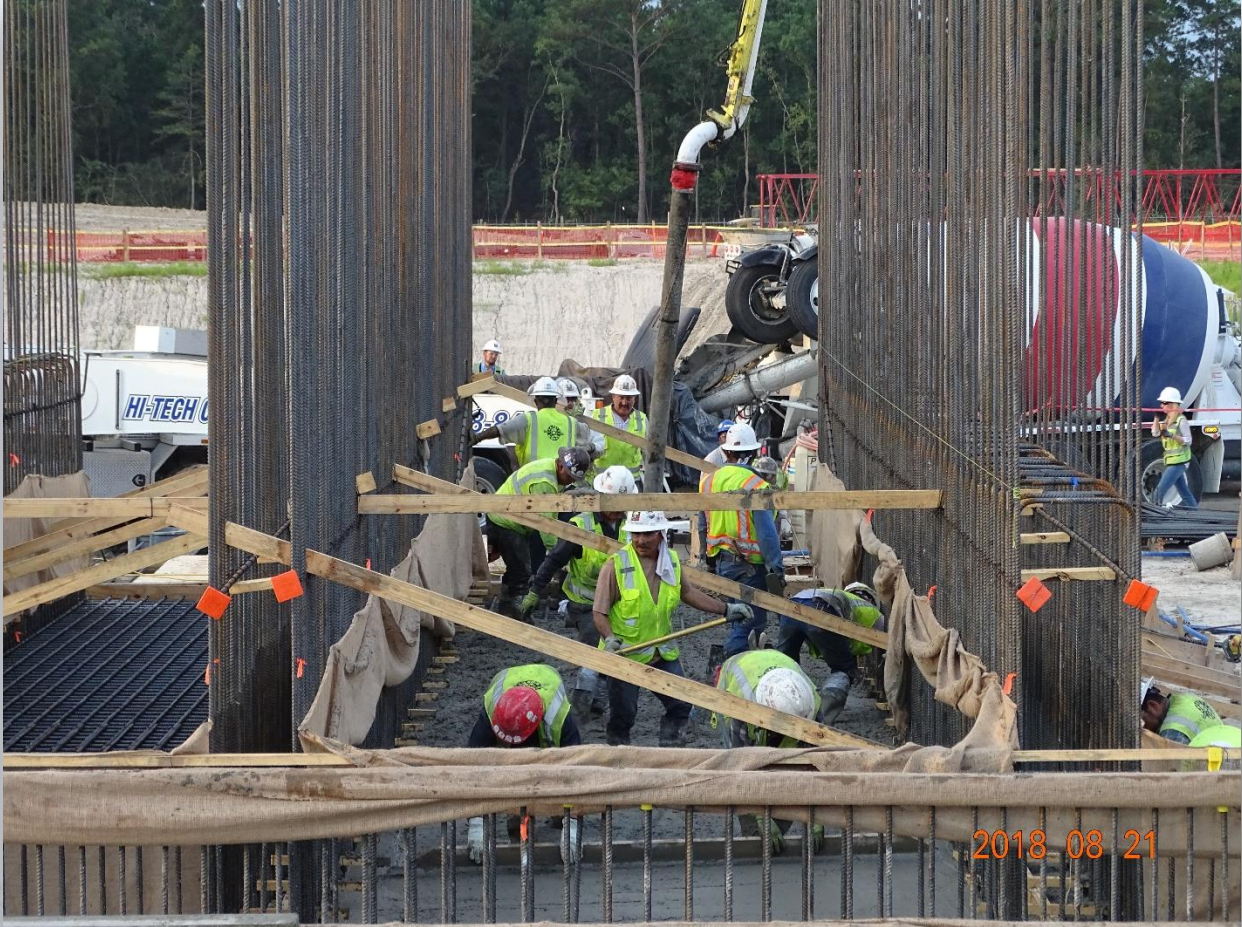




Forming and reinforcing base manifold slabs



Pouring base manifold slabs



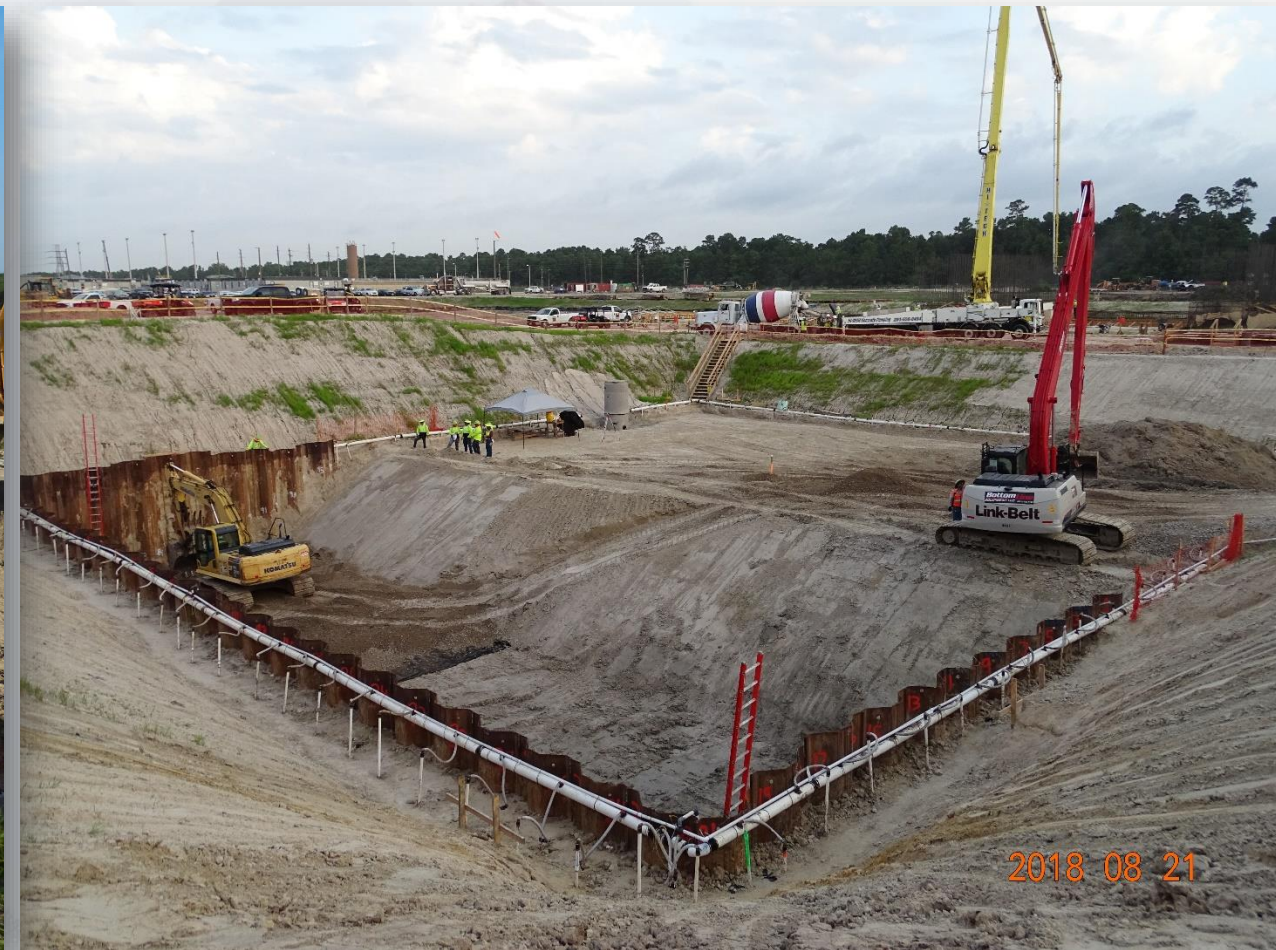
Pouring base manifold slabs



Finished the concrete



Excavating TPS



TPS Crushed Concrete Backfill





Construction Progress – EWP 6

August 22, 2018

- Mobilizing to perform test piles
- Assembling and setting crane



Assembling crane for Test piles



Mobilizing & Assembling crane and for Test piles



Positioning crane for test piles install

