




**CITY OF HOUSTON**  
Houston Public Works

# DESIGN-BUILD SERVICES

# Northeast Water Purification Plant Expansion



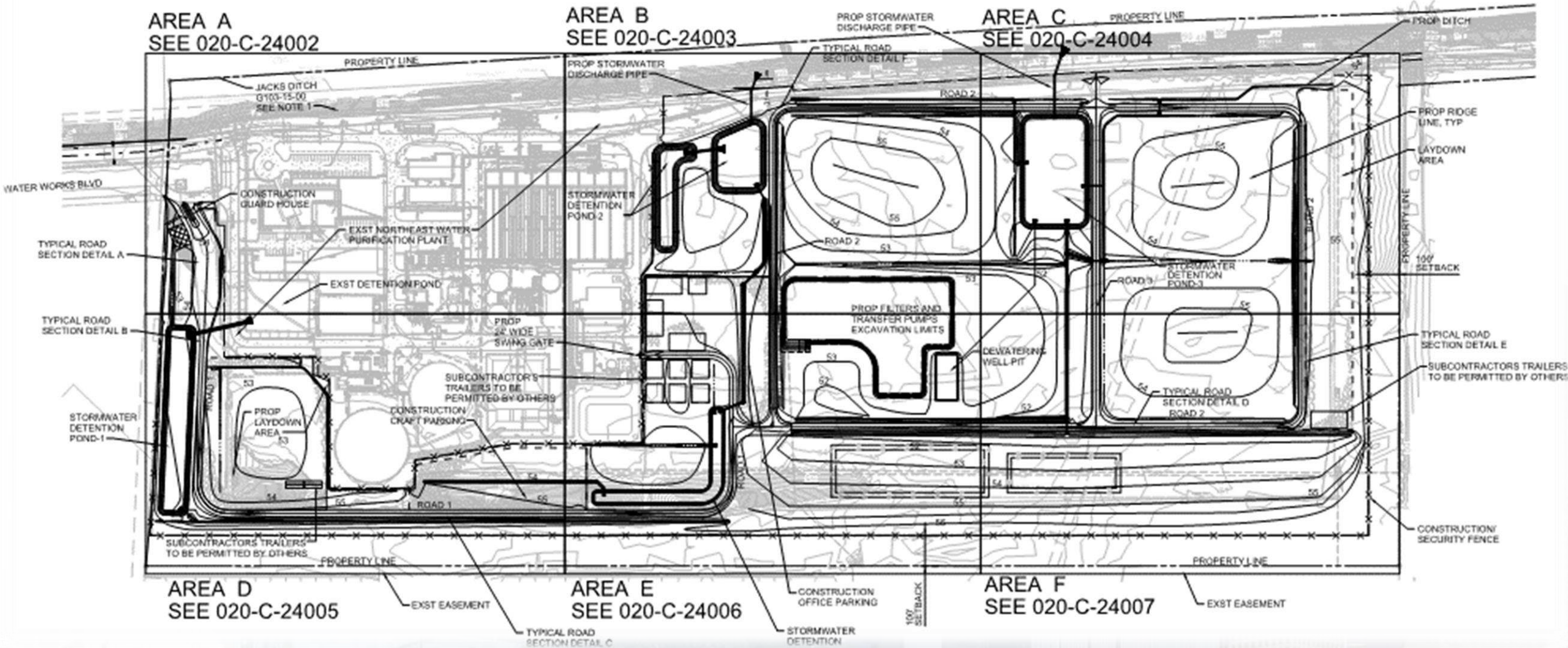


# Construction Progress – EWP 1 MAIN PLANT

May 23, 2018

- **Assembling Executive/Safety trailer complex**
- **Delivering & setting Engineering trailer complex**
- **Laying CTB on Road 1**
- **Hanging transformers**
- **Pulling communication lines**
- **Cutting/excavating/grading Pond 2a and 1**
- **Installing water utility lines**
- **Abandoned gas line removal**





# Laid CTB on Road 1 (South section)



# Locating and excavating abandoned gas line



# Took sample for asbestos (None detected by lab). Testing Pipe wall thickness.






## Excavating abandoned gas line

# Installing communication lines and pull boxes








# Construction Progress – EWP 3 – IPS & Corridor (Electrical)

May 23, 2018

- **Energizing temporary system**
- **Backfilled fiber optic cable**
- **Wiring panel boxes at trailer city for land power**
- **Programming PLC**





# Construction Progress – EWP 4 – Raw Water Corridor and IPS

## May 23, 2018

- **Installing fencing in West Corridor swales**
- **Installing communication lines**
- **Installing dewatering system**
- **Preparing to install shoring**



# Installing fencing in West Corridor (South side)



# Installing dewatering system



# Drilling shafts for shoring in West Corridor

