



# Greenbelt Standpipe Rehabilitation City Council Meeting

Project #: BS5724A14

May 20, 2024

# Agenda

- Introduction to Project Team
- WSSC Water Overview
- Project Map
- Existing Conditions
- Project Overview
- Project Scope
- Estimated Project Schedule
- What to Expect During Construction
- Questions

**106** years & counting  
No drinking water quality violations...ever!



# WSSC WATER AT A GLANCE



Established in 1918, WSSC Water is the largest water/wastewater utility in Maryland and among the largest in the nation. Our service area spans approximately 1,000 square miles in Prince George's and Montgomery counties. We proudly serve 1.9 million residents with safe and reliable drinking water and help protect the Chesapeake Bay by treating and returning clean water back to Maryland waterways.



**162,000,000** GALLONS OF WATER PER DAY DELIVERED TO **1.9 MILLION** RESIDENTS

**3** RESERVOIRS

**2** WATER FILTRATION PLANTS

**60** WATER TANKS

**55** PUMPING STATIONS

**6** WATER RESOURCE RECOVERY FACILITIES

**1,630** EMPLOYEES

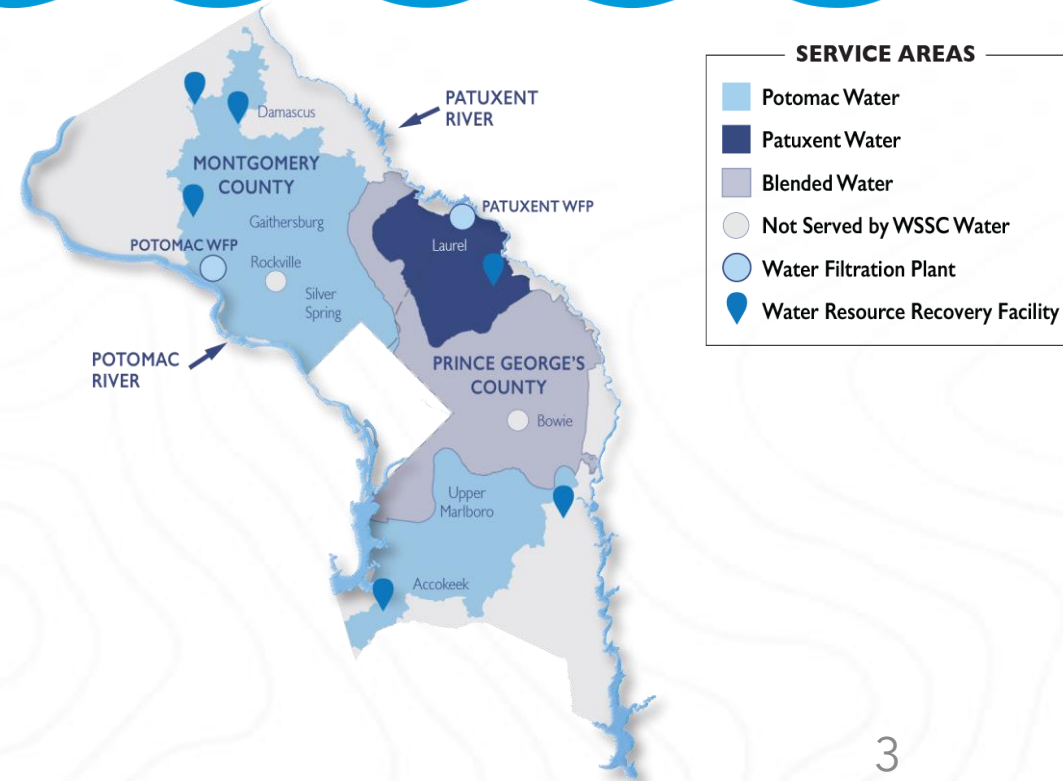
Our drinking water system spans **5,800+ miles**

Our wastewater system spans **5,600+ miles**

**500,000** WATER QUALITY TESTS PER YEAR

**504,800** METERS IN OUR SYSTEM

**2.25** MILLION METER READS PER YEAR

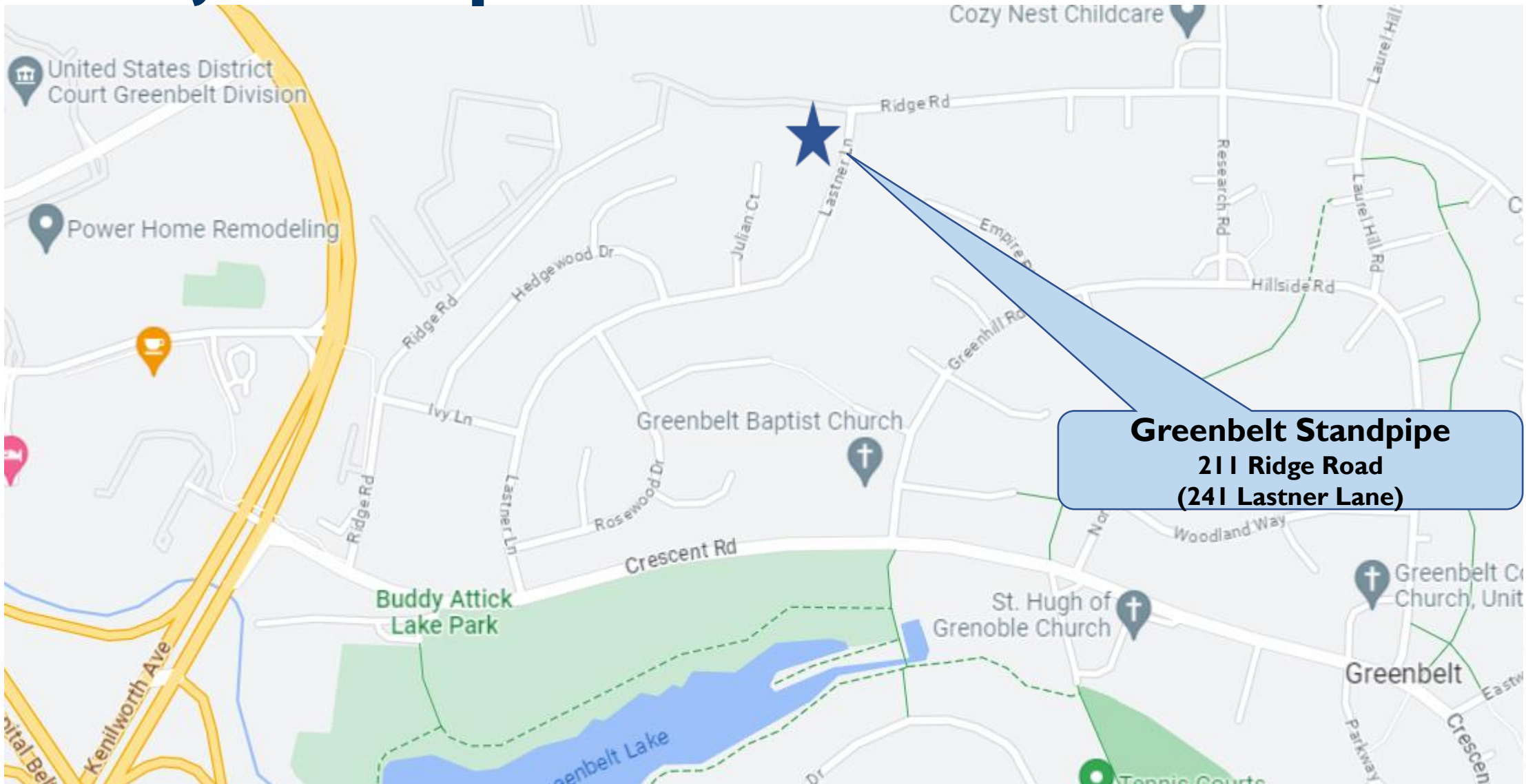


# Project Team



- Christopher DeHerde, Project Manager  
(301) 206-8560, [Christopher.DeHerde@wsscwater.com](mailto:Christopher.DeHerde@wsscwater.com)
- Monica Marquina, Government Affairs Manager  
(301) 206-8228, [Monica.Marquina@wsscwater.com](mailto:Monica.Marquina@wsscwater.com)
- David Wilkins, Customer Advocate  
(301) 206-4371, [David.Wilkins@wsscwater.com](mailto:David.Wilkins@wsscwater.com)
- Wayne Anderson, Section Manager, Telecommunications Systems  
(301) 206-7140, [Wayne.Anderson@wsscwater.com](mailto:Wayne.Anderson@wsscwater.com)
- Thomas Johnson, Project Outreach Manager  
(301) 206-8542, [Thomas.Johnson@wsscwater.com](mailto:Thomas.Johnson@wsscwater.com)
- Arcadis, Engineering Design Consultants
- TBD, Construction Contractor

# Project Map



# Existing Conditions

- 2-Million-Gallon Standpipe
  - 69-ft Diameter
  - ~83-ft Tall
- Constructed 1936, approximately 30 years before subdivision
- Current lot owned by the City of Greenbelt
- WSSC acquired the adjacent lot (241 Lastner Lane)
  - Better access
  - More space to work and yard piping
- Existing Site access drive off Ridge Road
- Three existing structures

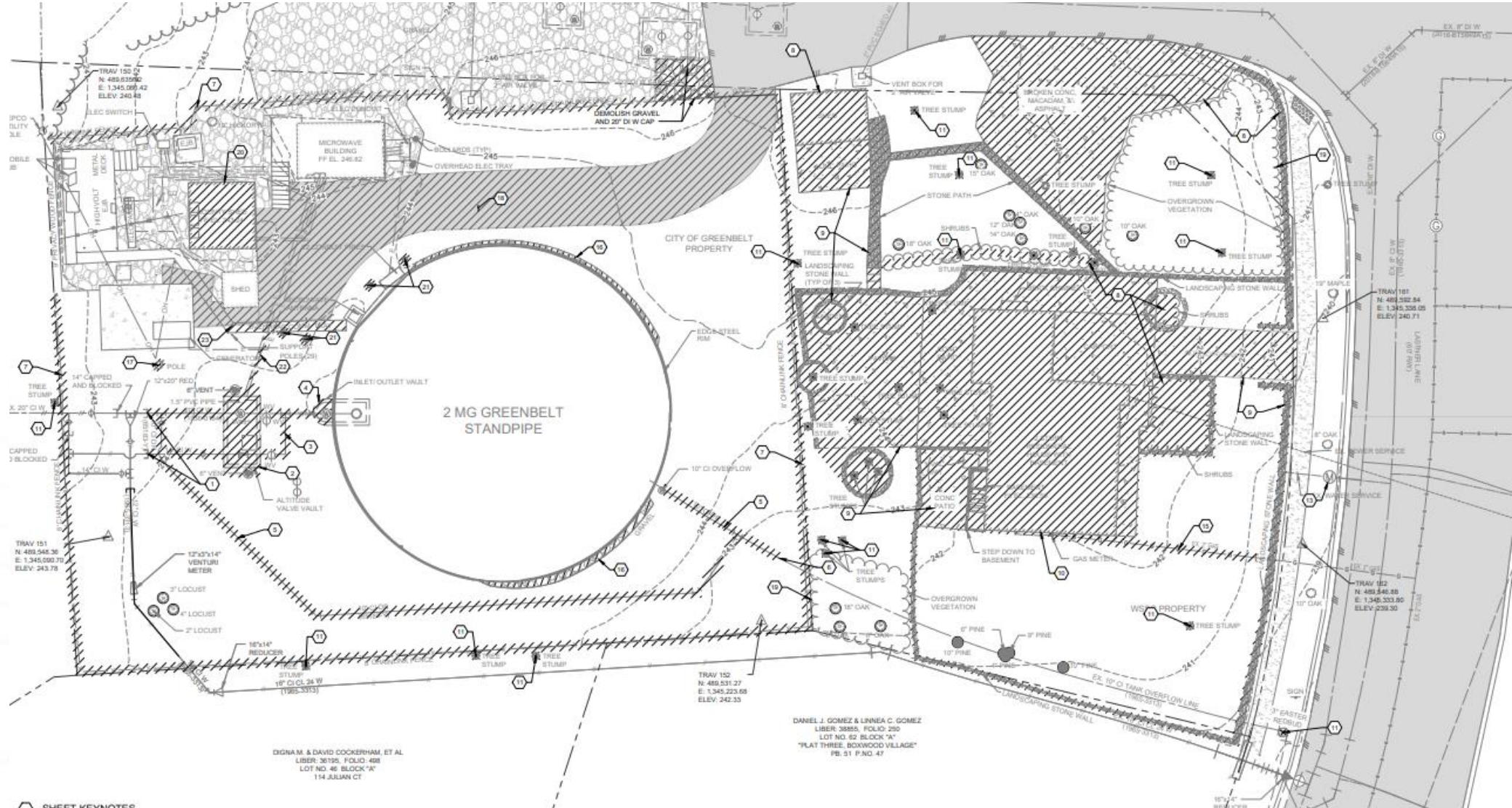


# Existing Dwelling

- Met with Community Forklift
  - Only salvageable items few doors and handrails
- House has been abandoned for some time
  - Rodents
  - Roof leaks
  - Vandalism
- Fire Department using the house for training

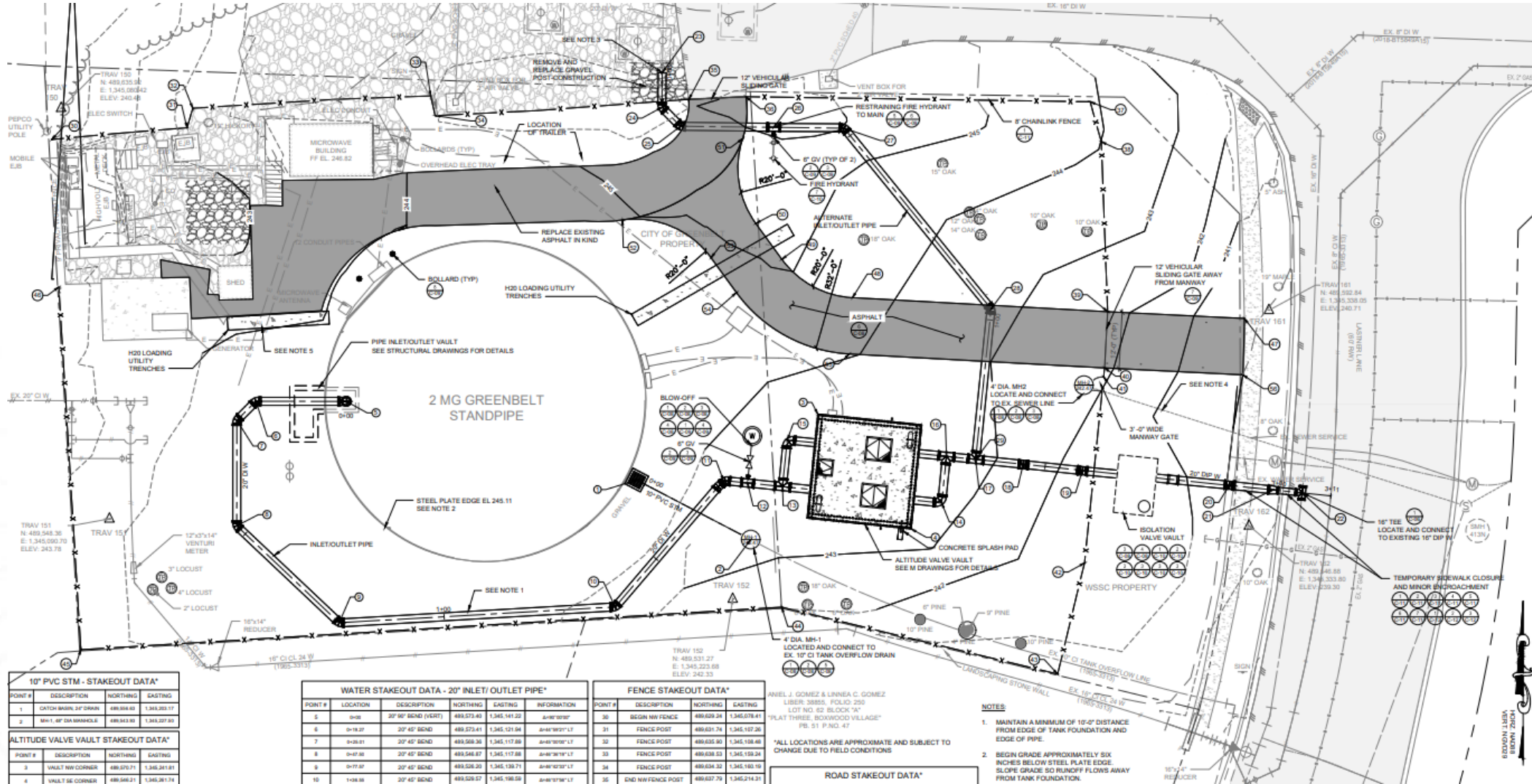


# Demolition Plan

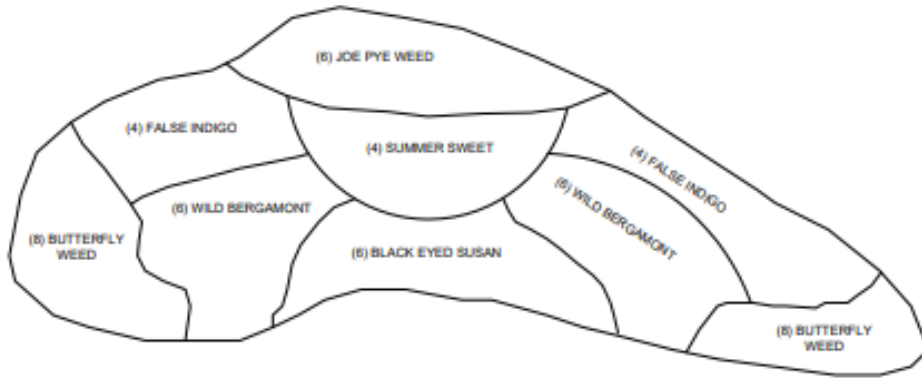




# Project Overview



# Landscape Plan

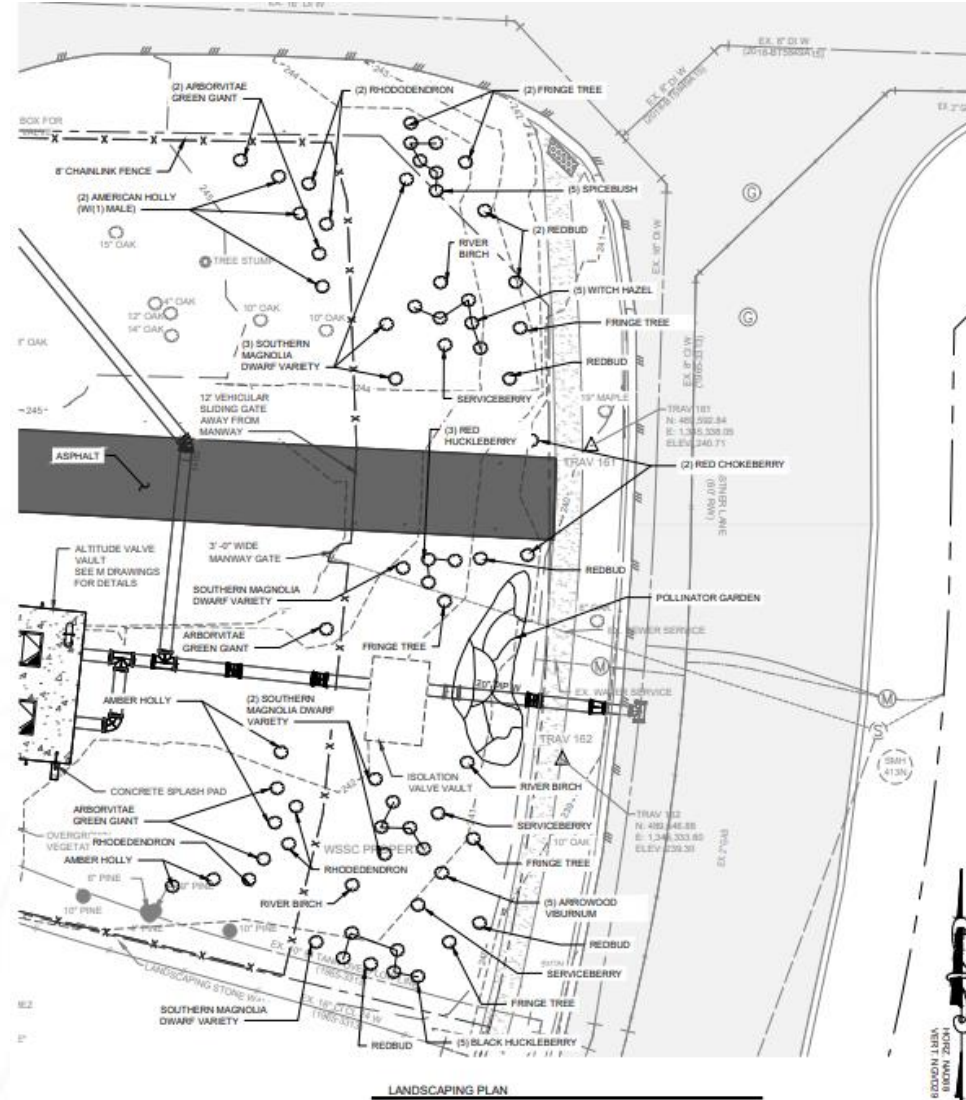


**POLLINATOR GARDEN**

## LANDSCAPING PLAN PLANT LIST

TREES				
QUANTITY	DESCRIPTION	SIZE	SPACING	
5	ARBORVITAE GREEN GIANT - THUJA STANDISHI X PPLICATA	1.75" TO 2" CALIPER	MIN. 10' O.C.	
8	AMERICAN HOLLY (INCLUDING (2) MALE)- ILEX OPACA	1.25" TO 1.75" CALIPER	MIN. 10' O.C.	
7	*SOUTHERN MAGNOLIA - MAGNOLIA GRANDIFLORA 'LITTLE GEM'	1.75" TO 2" CALIPER	MIN. 10' O.C.	
6	FRINGE TREE - CHIONANTHUS VIRGINICUS	1.25" TO 1.75" CALIPER	MIN. 10' O.C.	
6	REDBUD - CERES CANADENSIS	1.25" TO 1.75" CALIPER	MIN. 10' O.C.	
3	RIVER BIRCH (MULTI-STEM) - BETULA NIGRA	1.75" TO 2" CUM. CALIPER	MIN. 10' O.C.	
3	*SERVICEBERRY (MULTI-STEM) - AMELANCHIER ARBOREA	1.25" TO 1.75" CUM. CALIPER	MIN. 10' O.C.	
36	<b>TOTAL</b>			
SHRUBS				
QUANTITY	DESCRIPTION	SIZE	SPACING	
5	RHODODENDRON - RHODODENDRON PURPLE DANDY MAN	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	RED CHOKEBERRY - ARONIA ARBUTIFOLIA	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	BLACK HUCKLEBERRY - GAYLUSSACIA BACCATA	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	COMMON WITCH-HAZEL - HAMAMELIS VIRGINIANA	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	SPICEBUSH - LINDERA BENZONIN	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	ARROWOOD VIBURNUM - VIBURNUM DENTATUM	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
30	<b>TOTAL</b>			
POLLINATOR GARDEN				
QUANTITY	DESCRIPTION	SIZE	SPACING	
14	BUTTERFLY WEED - ASCLEPIAS TUBEROSA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
12	WILD BERGAMOT - MONARDA FISTULOSA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
8	FALSE BLUE INDIGO - BAPTISIA AUSTRALIS	4" TO 6" DIA. POTS	MIN. 18" O.C.	
6	BLACK-EYED SUSAN - RUDBECKIA HIRTA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
6	SUMMER SWEET - CLETHRA ALNFOLIA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
6	JOE PYE WEED - EUTROCHUM FISTULOSUM	4" TO 6" DIA. POTS	MIN. 18" O.C.	
62	<b>TOTAL</b>			

\*DENOTES VARIETY / CULTIVAR / SPECIES SUBSTITUTIONS ACCEPTABLE WITH WSSC APPROVAL



**LANDSCAPING PLAN**

# Project Scope

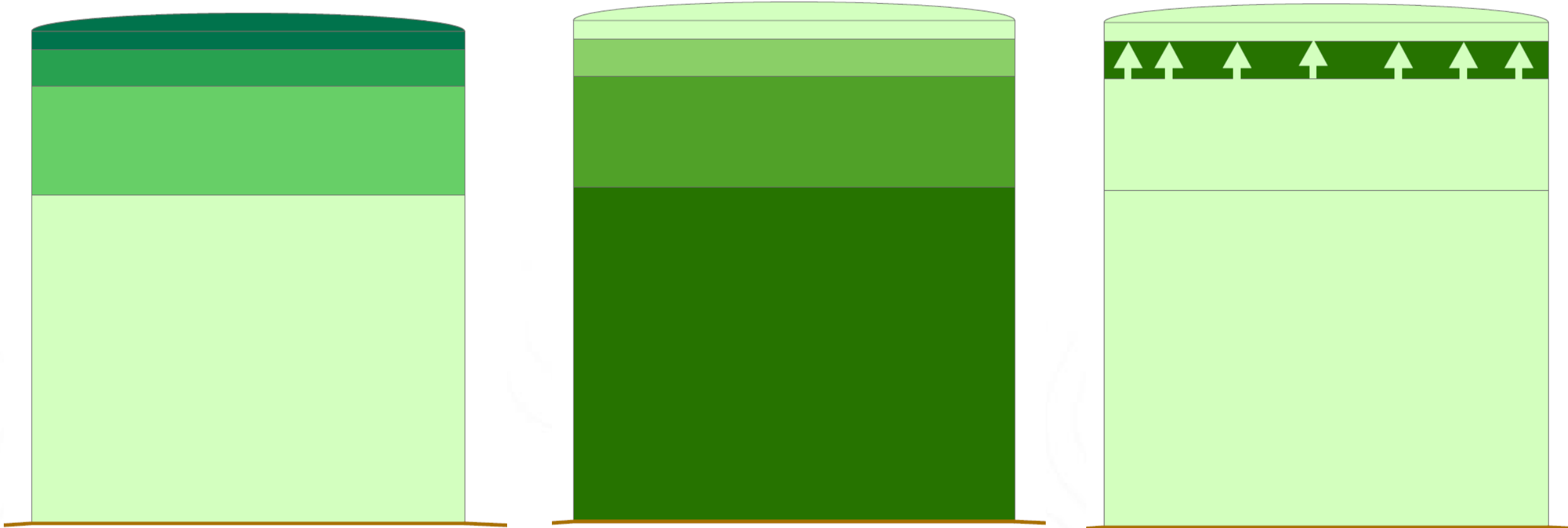
- Site Work
  - Demolish house on newly acquired lot
  - New access drive
  - New perimeter fencing
  - New yard piping and altitude valve vault
- Structural Improvements
  - Improved water quality
  - Structural steel upgrades
  - Foundation repairs
  - OSHA upgrades to railings and ladders
- Coating
  - Abrasive blasting
  - Epoxy based coating
  - Protects against corrosion



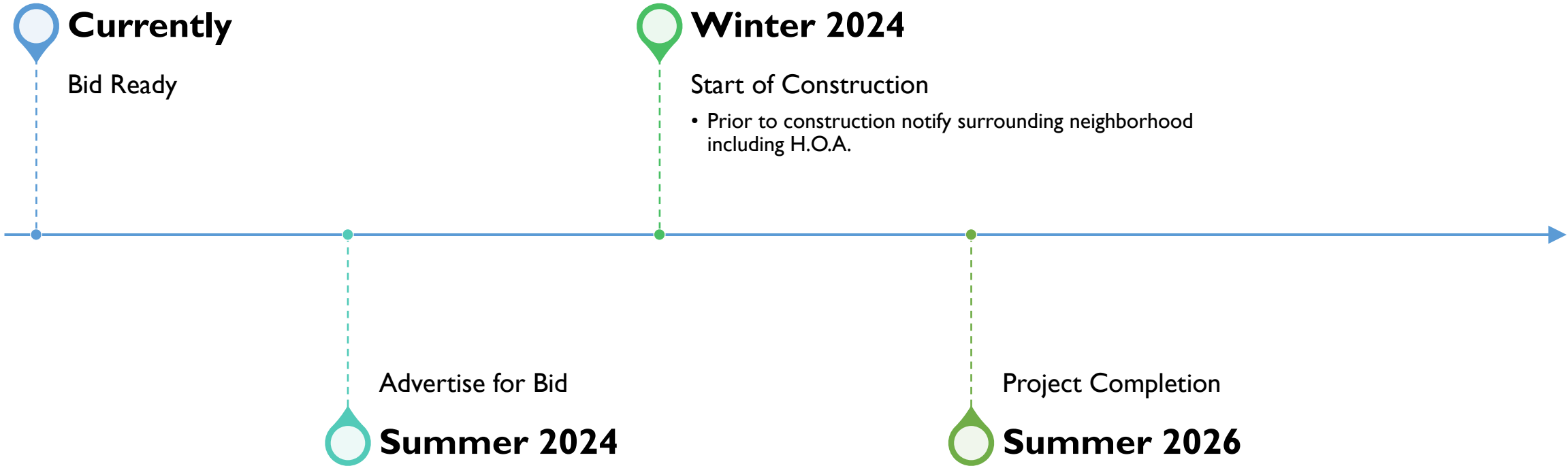
# Fencing Examples



# Painting Schemes



# Estimated Project Schedule



# What to Except During Construction

- Construction Hour
  - Per City of Greenbelt noise restrictions
  - WSSC Water contractor will provide a noise suppression plan
- Soil and Sediment Control
  - Silt Fence
  - Stabilized construction entrance
- Demolition (241 Lastner Lane)
  - Existing dwelling/shed
  - Retaining wall
- Material Deliveries
  - Outside of school pick-up/drop-off
- **NO** impacts to customers water service (outages or pressure)



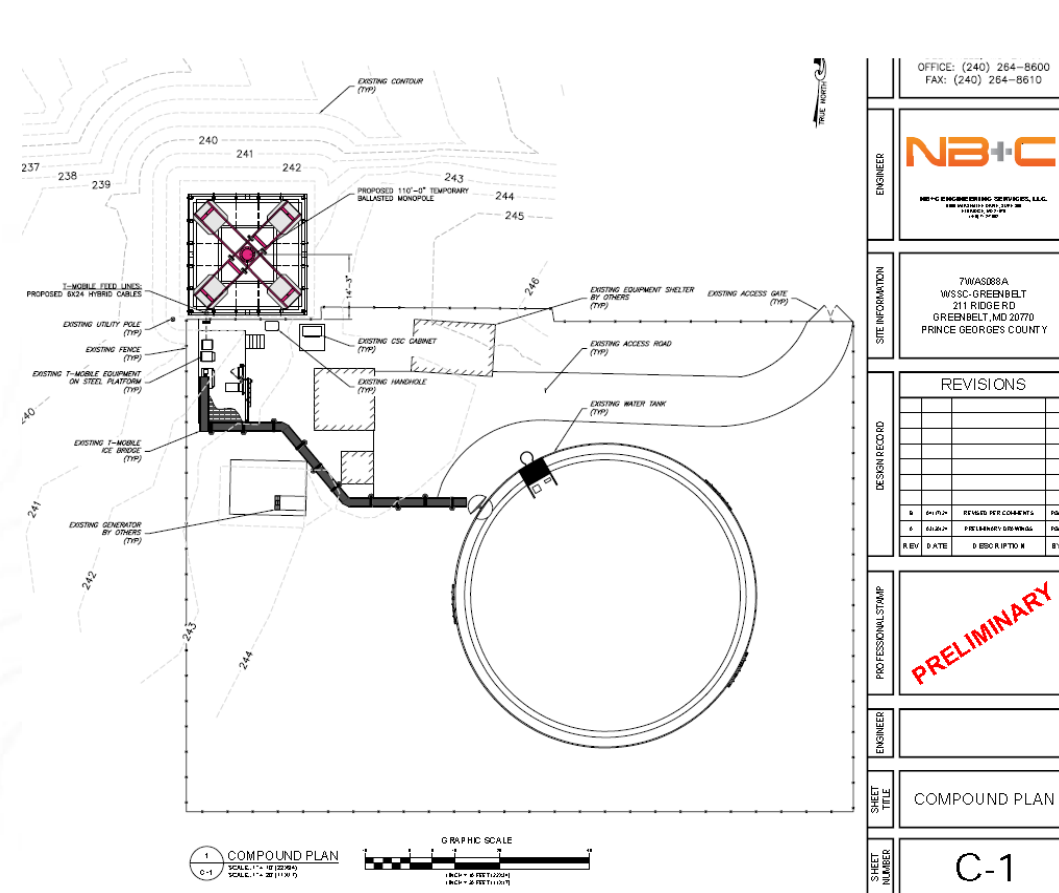
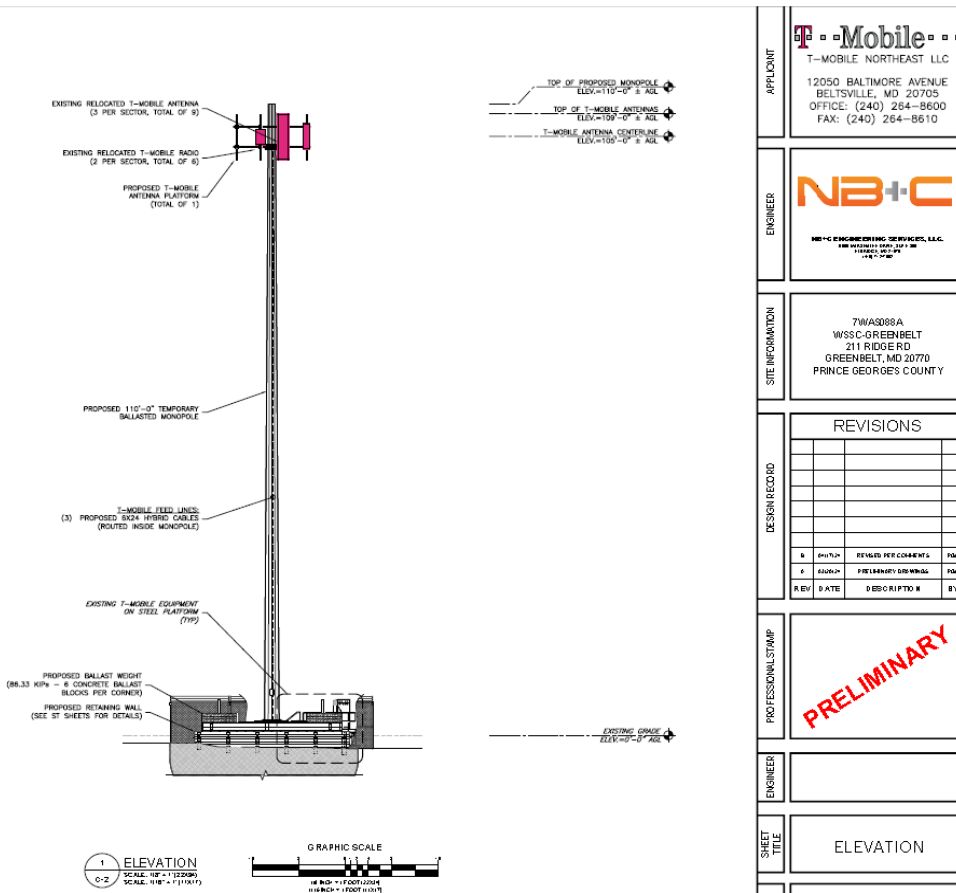
# Telecommunications Plan

- WSSC Telecommunications will remain in service on the Tank.
  - Two Antennas will be replaced.
- Greenbelt PD and Public works has removed the City's legacy radio equipment from legacy Communications building.
- T-MOBILE NORTHEAST LLC, proposed 110' 0" Temporary Ballasted Monopole Adjacent to the current facility as show in the next slide. T-Mobile has presented this proposed Tower directly to the Greenbelt City Staff for review and approvals.



# Telecommunications Plan cont.

- T-Mobile is proposing to install a temporary 110' 0" ballasted monopole to support the cellular communications antennas and elevated equipment during the tank rehabilitation project adjacent to the current the facility.



# Contact WSSC Water



- **Customer Service** | Monday-Friday, 8:00 a.m. to 6:00 p.m.

Phone: 301.206.4001 | 1.800.634.8400

Email: [customerservice@wsscwater.com](mailto:customerservice@wsscwater.com)

- **24-Hour Emergency Call Center**

**Water Emergency, Sewer Emergency or Discolored Water**

Phone: 301.206.4002 | Email: [emergencycallcenter@wsscwater.com](mailto:emergencycallcenter@wsscwater.com)

Report a Problem: [wsscwater.com/customer-service/report-problem](http://wsscwater.com/customer-service/report-problem)

Discolored Water: [wsscwater.com/discoloredwater](http://wsscwater.com/discoloredwater)

- **File a Claim**

Phone: 301.206.7095

Online: [wsscwater.com/claims](http://wsscwater.com/claims)

- **WSSC Water Financial Assistance Programs**

Online: <https://www.wsscwater.com/assistance>

- **Customer Notification System Sign-Up**

Online: [www.wsscwater.com/cns](http://www.wsscwater.com/cns), email and/or text alerts on work in your neighborhood



**FINANCIAL ASSISTANCE**  
for Our Neighbors

# HELPING OUR NEIGHBORS: WATER BILL ASSISTANCE

**Promise.**

Sign up for an affordable, flexible and interest-free payment plan. Customers with a past-due balance of \$50 or more are eligible.

**CUSTOMER  
ASSISTANCE  
PROGRAM  
(CAP)**

CAP assists approved residential customers by waiving fixed fees, providing free annual plumbing inspections for water leaks, and much more.



Eligible customers can access the Water Fund multiple times, up to \$500 per year.

**PipeER+**

Provides a loan of up to \$5,000 to finance the replacement of a leaking residential water service line. PipeER is administered by the WSSC Federal Credit Union.



**Questions?**

