

An aerial architectural rendering of the Columbus Home Road Water Plant. The facility is situated on a large, green, irregularly shaped plot of land. In the center, there is a large rectangular area filled with numerous dark, rectangular panels, likely solar collectors or treatment units, arranged in a grid. Surrounding this central area are several large, light-colored industrial buildings with flat roofs. A winding road or path runs through the site, connecting the buildings and parking areas. To the right of the main facility, a large body of water, possibly a reservoir or river, is visible, with a bridge spanning across it in the distance. The surrounding landscape is lush with green trees and vegetation. In the bottom left corner, there is a semi-transparent dark grey overlay containing white text.

Columbus Home Road Water Plant: Contractor Information Meeting

September 14, 2026

Welcome and Introductions

- City staff
- Hazen staff



Home Road
Water Plant



COLUMBUS
WATER & POWER

Home Road Water Plant (HRWP) Project Overview

- Initial capacity 48 MGD, expandable to 80 MGD.
- Plant located in Delaware County – Southeast corner of SR 745/Home Road intersection, west side O'Shaughnessy Reservoir.
- Two construction contracts.
 - **Site Preparation Contract**
 - **HRWP Contract**
- Project information, updates can be found at <https://cbuswater.com/home-road-water-plant/>. Website is currently being updated.
- Separate contracts to design/construct transmission mains from HRWP to Columbus distribution system. Information on transmission mains <https://cbuswater.com/water-plant-transmissions-mains/>



Home Road
Water Plant



COLUMBUS
WATER & POWER

Home Road Water Plant (HRWP) Project Overview

- Project was advertised in February as traditional design-bid-build with a bid opening August 26, 2026.
- No bids were received for the project.
- The City of Columbus has elected to deliver the HRWP project using a Construction Manager at Risk (CMAR).
- The anticipated schedule for the CMAR selection process is as follows:
 - **Step 1 – Issue Request for Qualifications (RFQ): Week of Oct 12, 2026**
 - **Step 2 – Issue Request for Proposals (RFP) to shortlisted contractors: December 2026/January 2027**



Home Road
Water Plant



COLUMBUS
WATER & POWER

Site Preparation Contract – Project Status

- NTP: February 2025
- Substantial completion scheduled: July 2028
- Contract amount: \$107,600,000



Home Road
Water Plant



COLUMBUS
WATER & POWER

Site Preparation Contract – Project Details

- Grading at 138kV substation
- Construction of 138kV substation
- Duct bank from substation to HRWP electrical manhole
- Site clearing, tree removal
- Existing utility, pavement and building demolition
- Bedrock removal (~450,000 CY of overburden and 270,000 CY of rock)
- Widening Dublin Road and dedicated turn lanes for access to HRWP
- Sediment & erosion control, storm sewers



Home Road
Water Plant



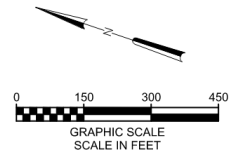
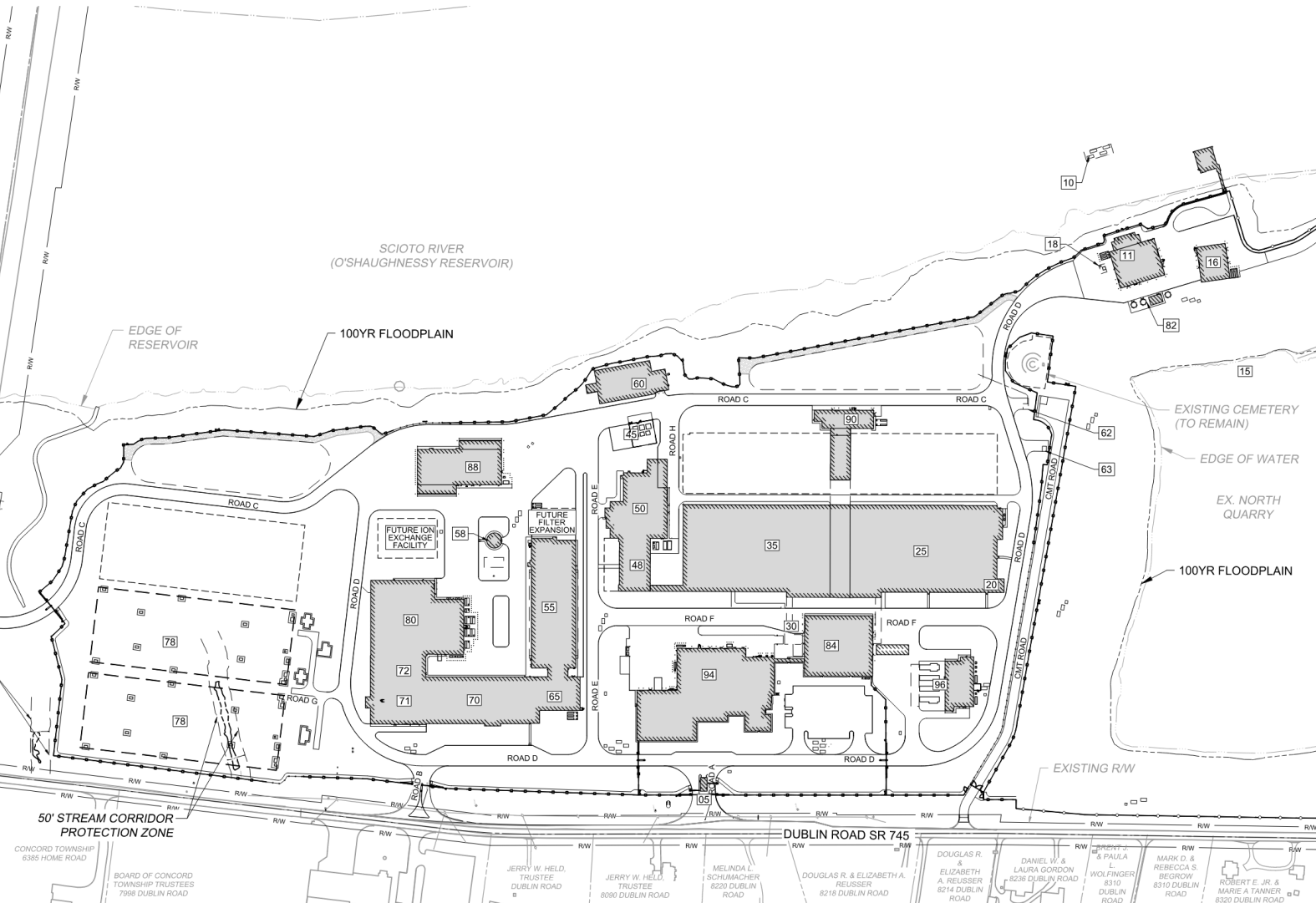
COLUMBUS
WATER & POWER



Home Road
Water Plant



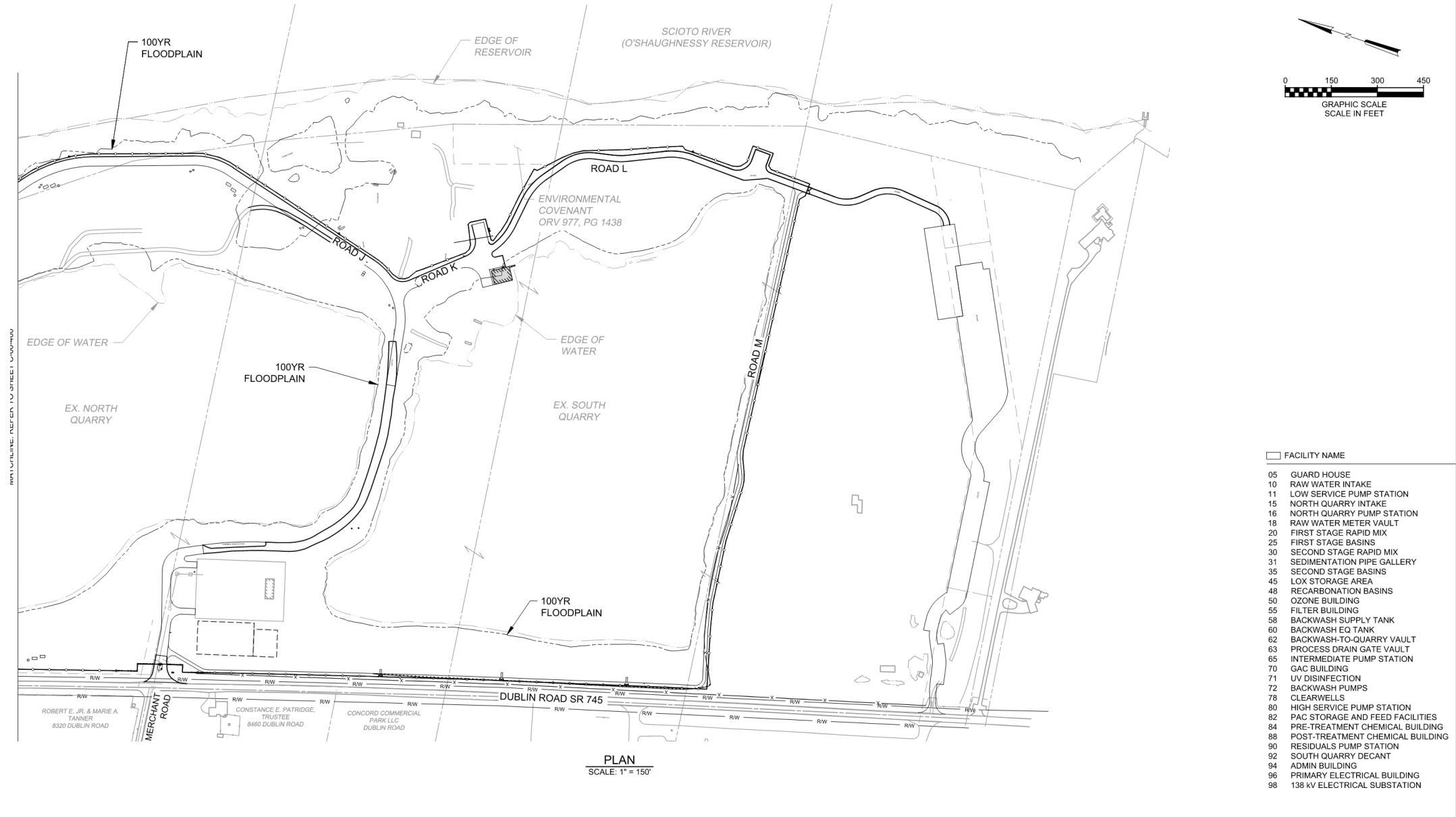
COLUMBUS
WATER & POWER



MATCHLINE: REFER TO SHEET C-00-401

- FACILITY NAME
- 05 GUARD HOUSE
 - 10 RAW WATER INTAKE
 - 11 LOW SERVICE PUMP STATION
 - 15 NORTH QUARRY INTAKE
 - 16 NORTH QUARRY PUMP STATION
 - 18 RAW WATER METER VAULT
 - 20 FIRST STAGE RAPID MIX
 - 25 FIRST STAGE BASINS
 - 30 SECOND STAGE RAPID MIX
 - 31 SEDIMENTATION PIPE GALLERY
 - 35 SECOND STAGE BASINS
 - 45 LOX STORAGE AREA
 - 48 RECARBONATION BASINS
 - 50 OZONE BUILDING
 - 55 FILTER BUILDING
 - 58 BACKWASH SUPPLY TANK
 - 60 BACKWASH EQ TANK
 - 62 BACKWASH-TO-QUARRY VAULT
 - 63 PROCESS DRAIN GATE VAULT
 - 65 INTERMEDIATE PUMP STATION
 - 70 GAC BUILDING
 - 71 UV DISINFECTION
 - 72 BACKWASH PUMPS
 - 78 CLEARWELLS
 - 80 HIGH SERVICE PUMP STATION
 - 82 PAC STORAGE AND FEED FACILITIES
 - 84 PRE-TREATMENT CHEMICAL BUILDING
 - 88 POST-TREATMENT CHEMICAL BUILDING
 - 90 RESIDUALS PUMP STATION
 - 92 SOUTH QUARRY DECANT
 - 94 ADMIN BUILDING
 - 96 PRIMARY ELECTRICAL BUILDING
 - 98 138 KV ELECTRICAL SUBSTATION

PLAN
SCALE: 1" = 150'



Home Road
Water Plant



COLUMBUS
WATER & POWER

HRWP – Project Scope

- Submerged intake in O'Shaughnessy Reservoir
- All treatment facilities
 - Raw water pump station
 - Intake/pump station in North Cell of Merchant Road Quarry – micro tunnel from pump station to quarry
 - Residuals disposal in the South Cell of Merchant Road Quarry
 - Decant structure/pump station constructed in South Cell
- Admin/Maintenance Building
 - Green roof on connection to Pretreatment Chemical Building
 - Carport with solar panels



Home Road
Water Plant



COLUMBUS
WATER & POWER

HRWP Rendering



Home Road
Water Plant



COLUMBUS
WATER & POWER

HRWP Rendering



Home Road
Water Plant



COLUMBUS
WATER & POWER

HRWP – Project Details

- Project Budget: \$1.6B
- Total of 24 structures/buildings
- Estimated 147,000 CY of cast-in-place concrete
- LEED certification for Admin Building, Envision certification for site
- Impacts from other/related projects
 - **Use of CMS 304 stockpiled material from Site Preparation Contract**
 - **Fiber extension to HRWP site**
 - **First Energy electrical transmission to substation**
 - **Water distribution transmission mains**
 - **Roundabout at SR 745 & Home Road**



Home Road
Water Plant



COLUMBUS
WATER & POWER

Follow up and Questions Specific to HRWP Project

- The City is available for individual meetings with contractors prior to the RFQ being issued. Contact Bret Casey (bcasey@hazenandsayer.com) to schedule meetings and if you have any questions regarding the project.



Home Road
Water Plant



COLUMBUS
WATER & POWER