MADISON WATER UTILITY

Unit Well 12

Well House and Reservoir Reconstruction Project

Urban Design Commission Meeting

November 5th, 2025

UW 12 FACILITY AND PROJECT HISTORY

- Unit Well No. 12 was constructed in 1957.
- This proposed reconstruction project was originally designed and permitted in 2017.
- The Unit Well 12 Facility includes the UW 12 deep well, a 980’ deep sandstone well with high water quality.
- Unit Well No. 12 supplies water to Pressure Zone 7 and Pressure Zone 8, which provide water service for a large portion of the City’s West Side.
- Unit Well 12 is one of the highest water quality sources within Madison Water Utility.

UW 12 PROJECT LOCATION

Madison Water Utility
Unit Well 12
801 South Whitney Way
Madison, WI 53711

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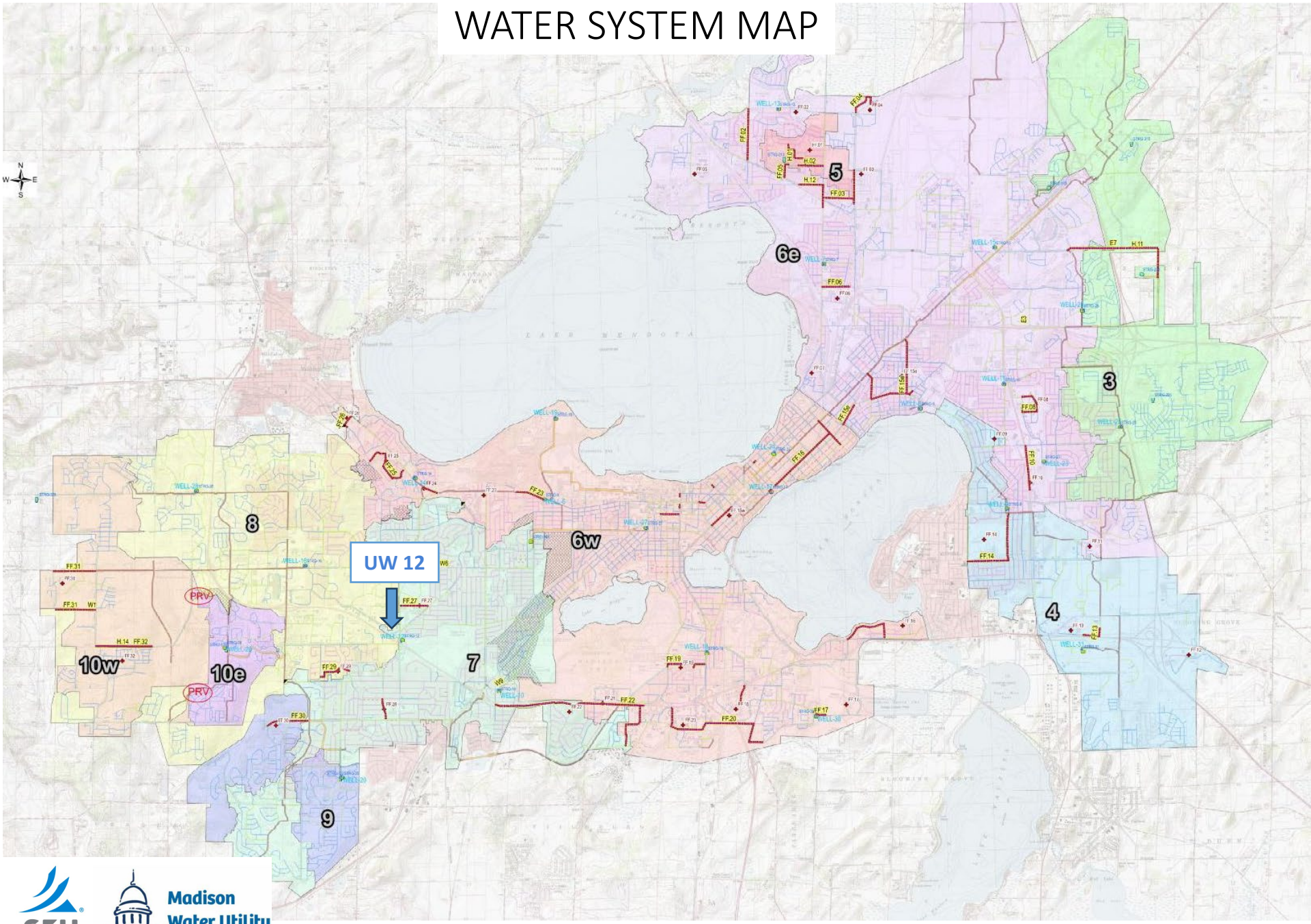
WATER SYSTEM MAP



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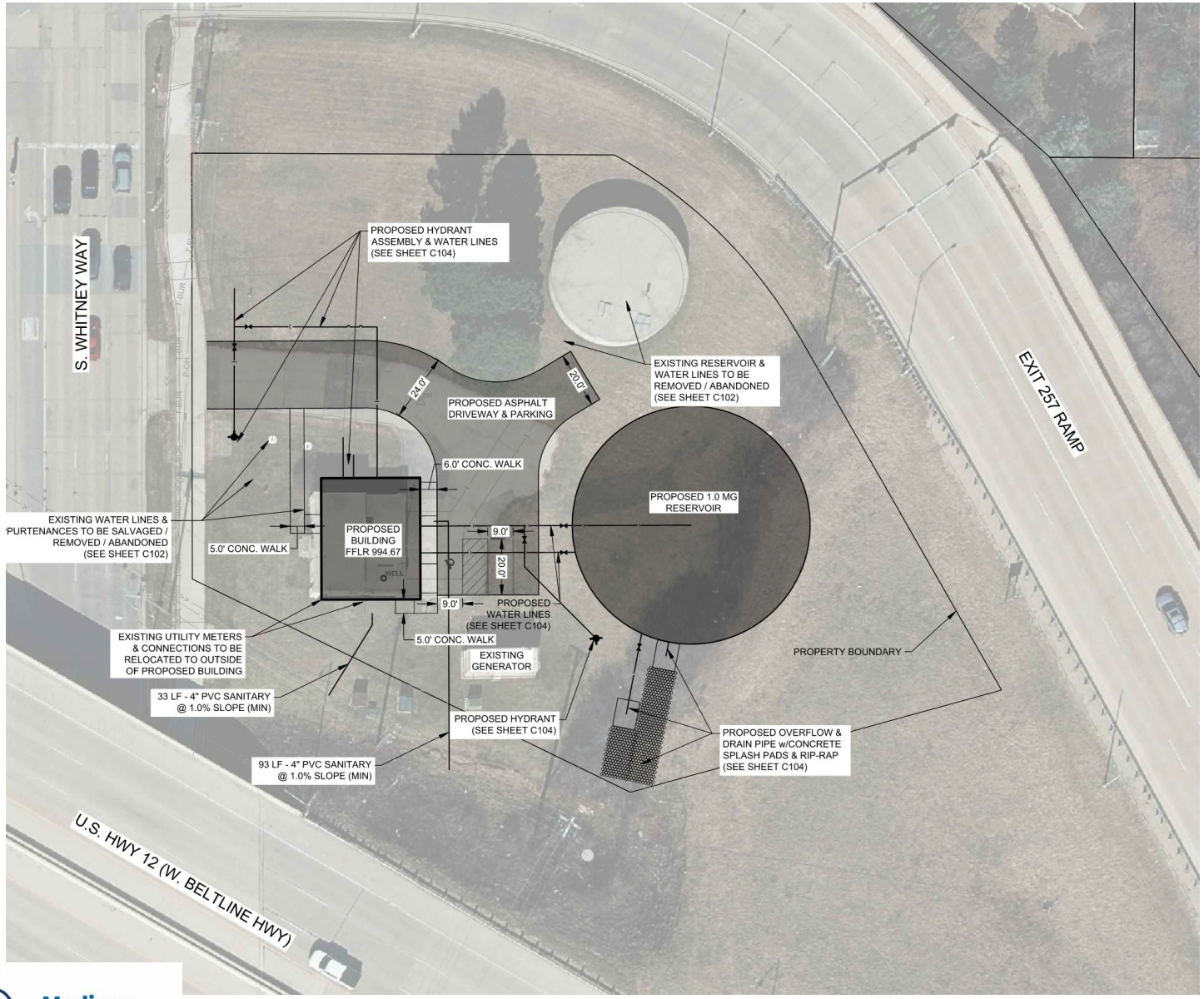
EXISTING UW 12 FACILITY

UW 12 - SITE LAYOUT



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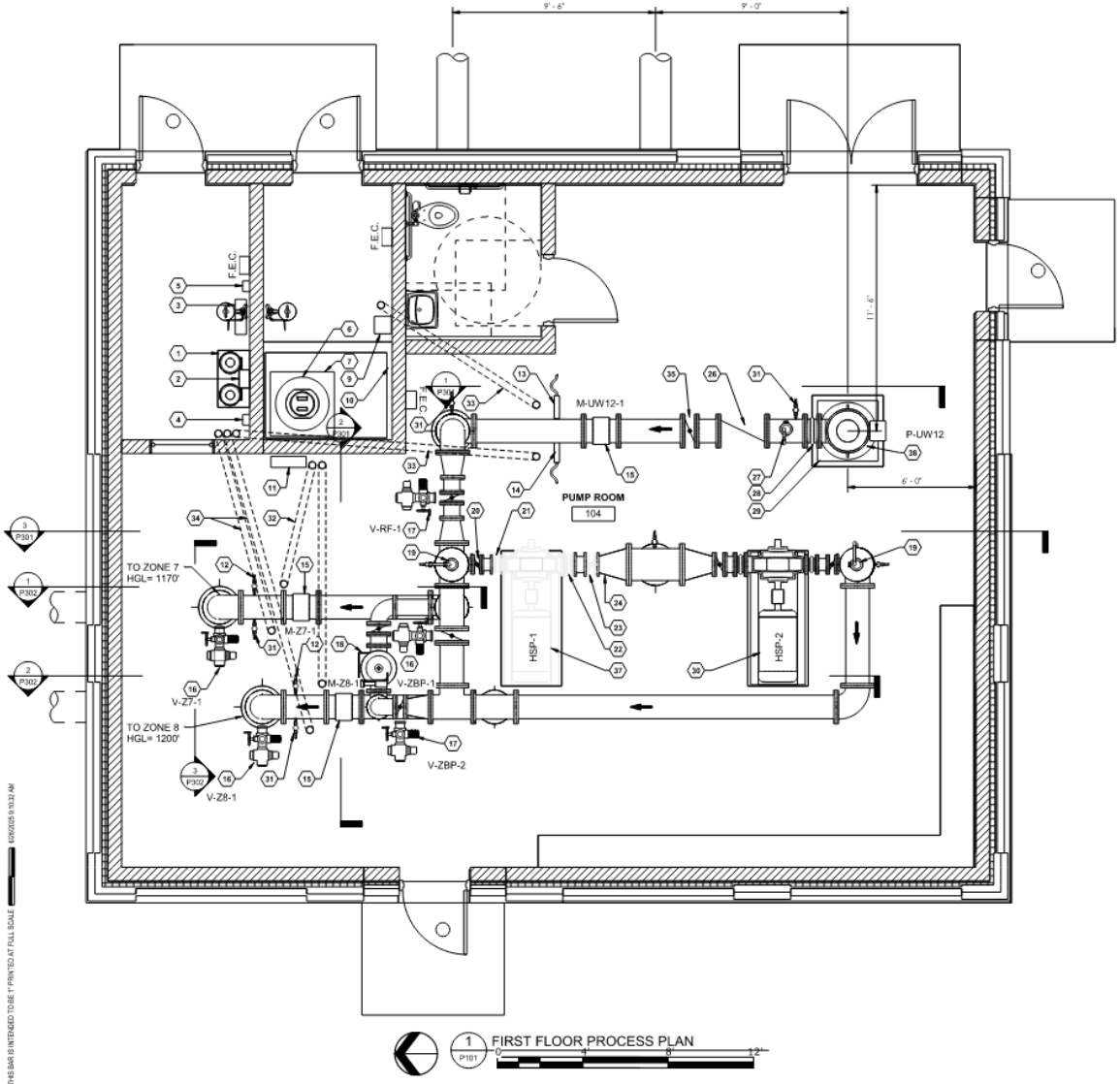
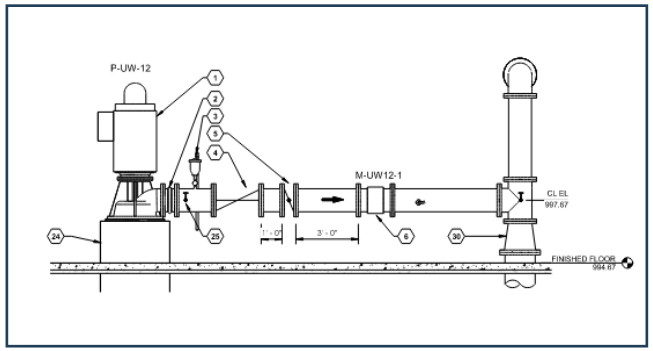
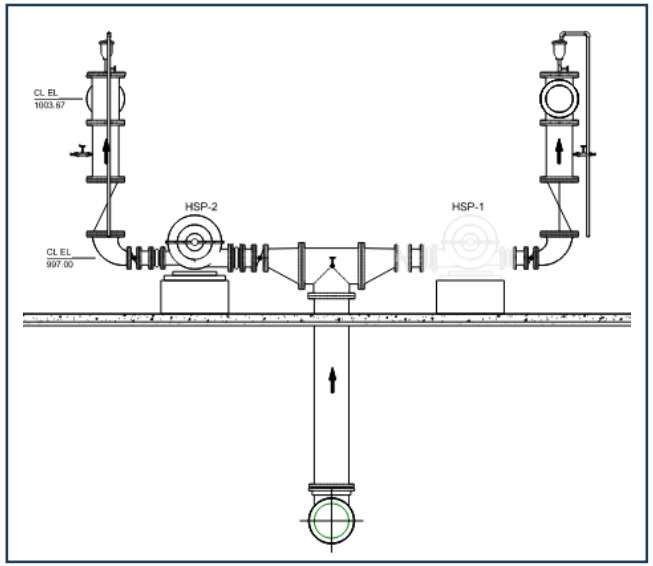
UW 12 WELLHOUSE – INTERIOR FLOOR PLAN



1 P101 FIRST FLOOR PROCESS PLAN





IF NO BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE

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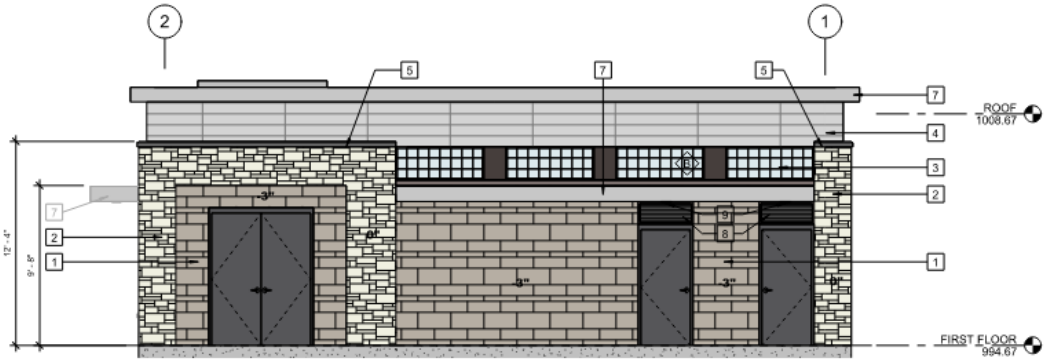
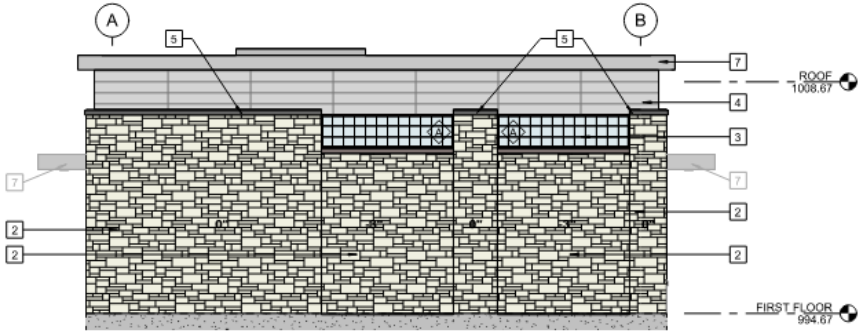
UW 12 WELLHOUSE - BUILDING ELEVATIONS

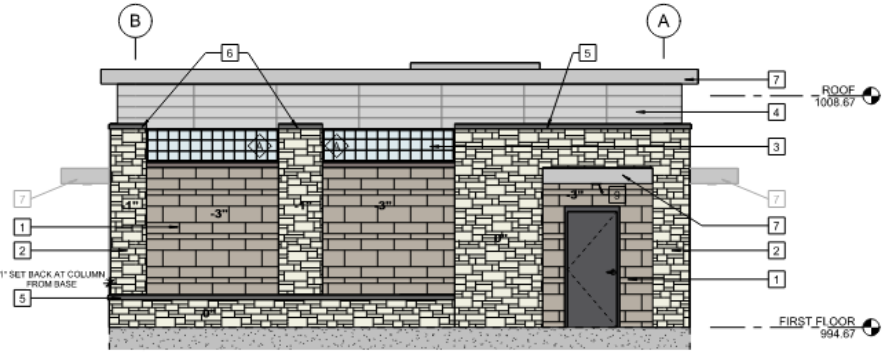


1 A201 EAST ELEVATION 1/4" = 1'-0"



2 A201 NORTH ELVEVATION 1/4" = 1'-0"

3 A201 WEST ELEVATION 1/4" = 1'-0"



4 A201 SOUTH ELEVATION 1/4" = 1'-0"

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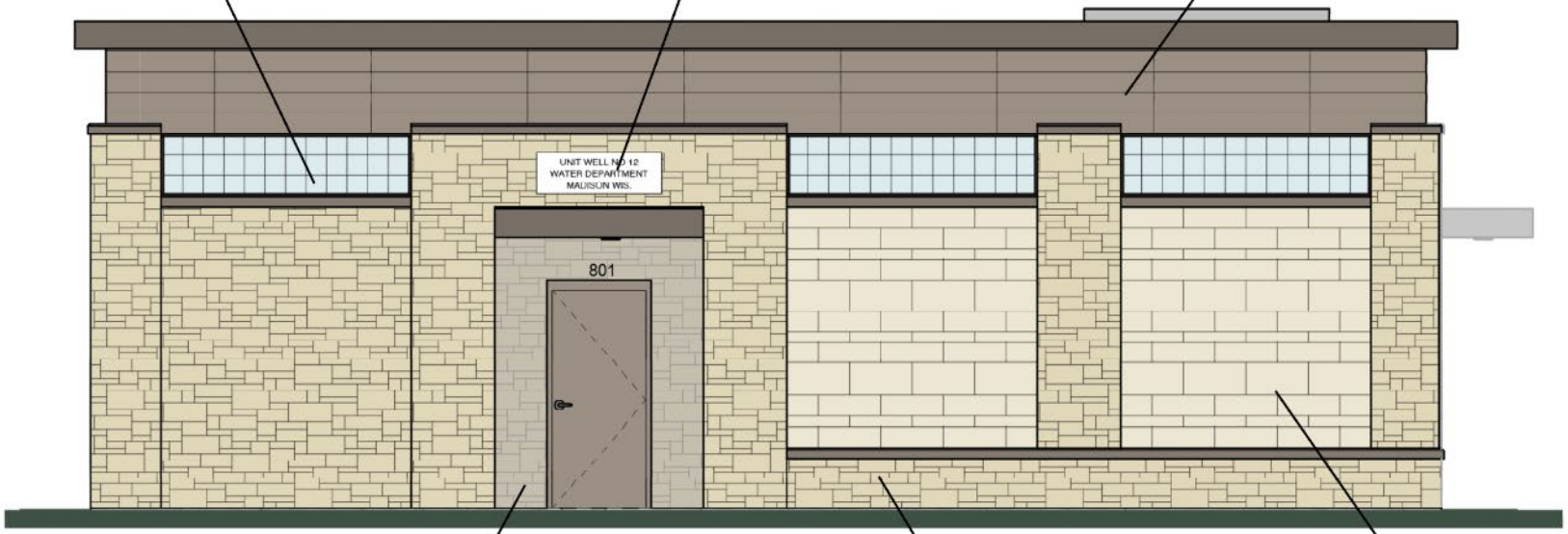
UW 12 WELLHOUSE - BUILDING MATERIALS

Daylighting
Translucent Panel Wall System

Existing Building

Terra-cotta cladding

Salvaged Sign from
Existing Building



Salvaged Stone Veneer
from Existing Building

Random Ashlar
Limestone

Dimensional Ashlar
Limestone

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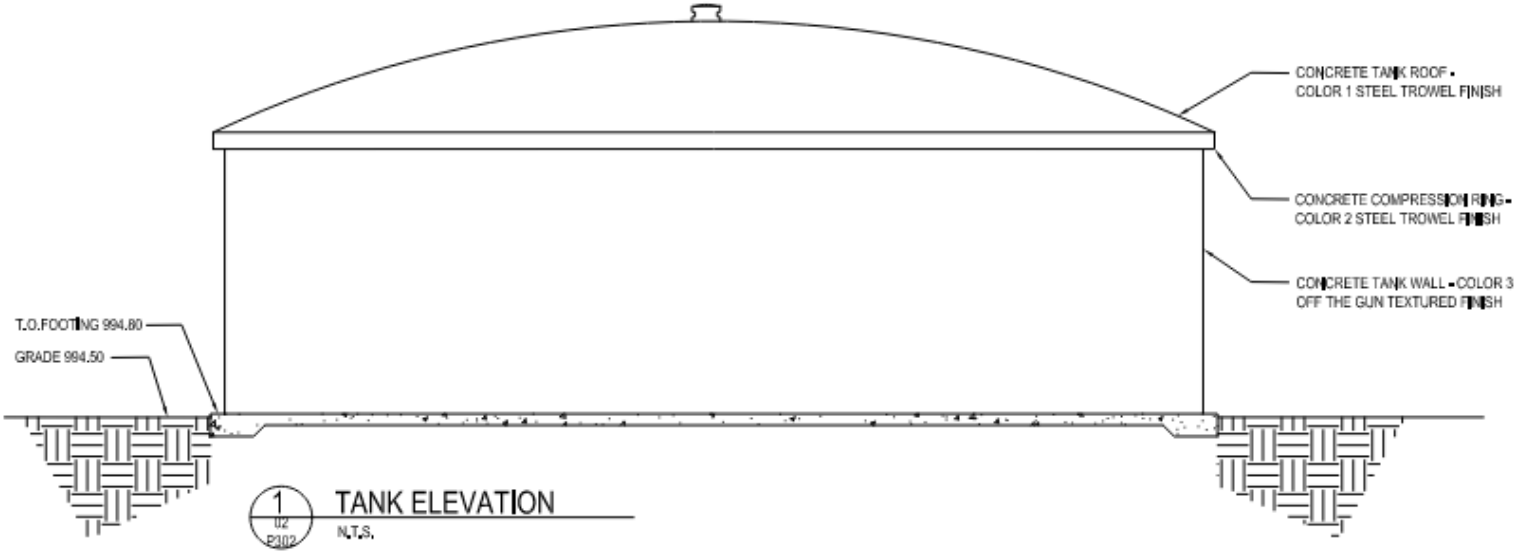
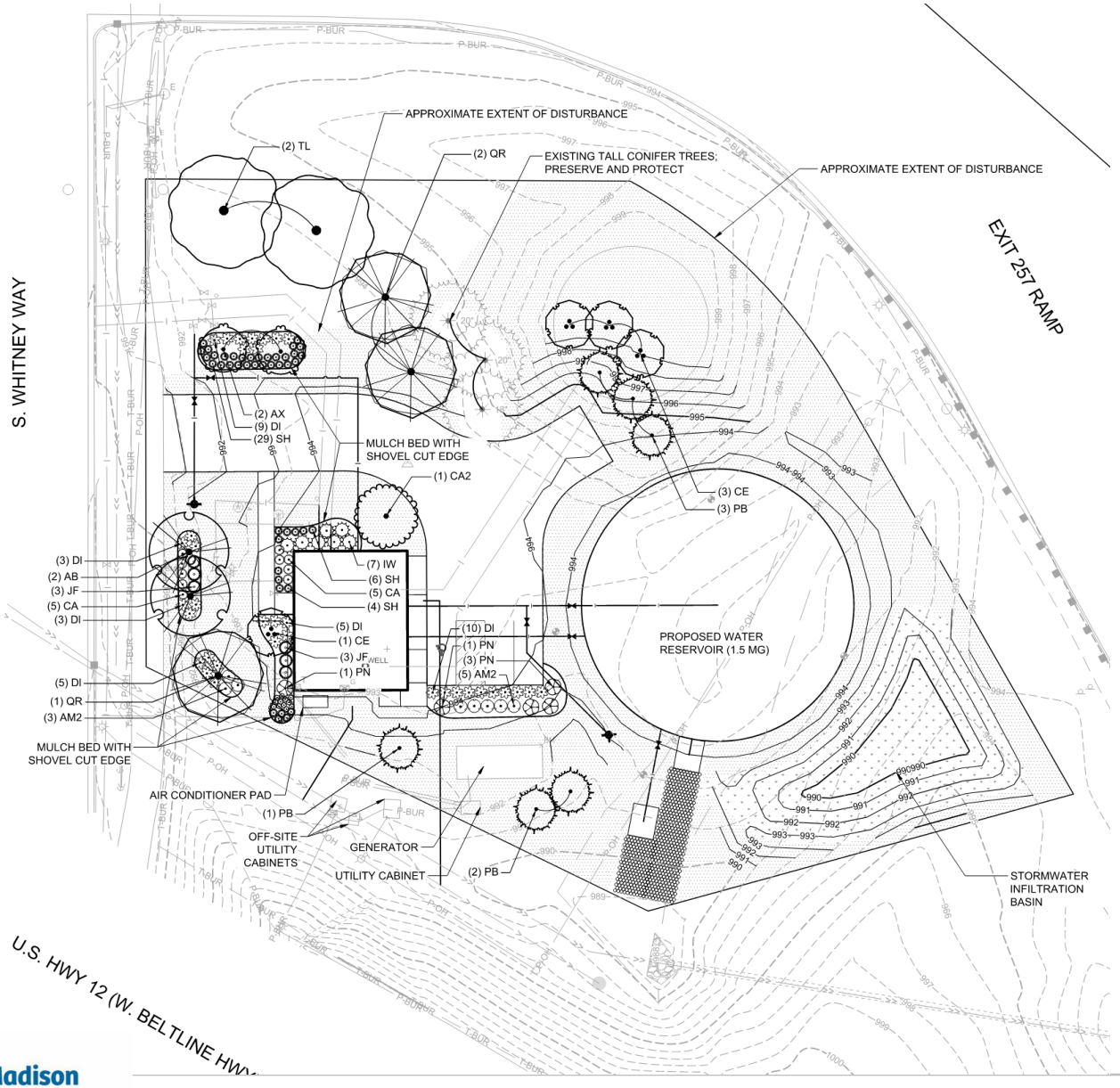
UW 12 PROPOSED RESERVOIR – ELEVATION AND EXAMPLE



UW 12 - LANDSCAPING PLAN



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UW 12 - 3D RENDERING

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UW12 – PROJECT TIMELINE

Description	Milestones
Joint Pre-Application Meeting (DNR / PSC)	May 2025
Submittal of Design Plans to DNR	June 2025
Submittal of Project Information to PSC	October 2025
City of Madison – UDC Meeting	November 5th, 2025
City of Madison – Plan Commission Meeting	November 17th, 2025
Public Information Meeting	November 20th, 2025
City of Madison – Water Utility Board	November 24th, 2025
City of Madsion – Common Council	November 25th, 2025
DNR and PSC Approvals (Estimated)	December-January 2025
Construction Bidding	February 2025
Construction Contract Awarding	February 2026
Construction Begins	August 2026

UW 12 - DISCUSSION AND QUESTIONS

Madison Water Utility