

City of Oshkosh Water Filtration Plant Clearwells Replacement Project Aesthetics Ad Hoc Committee Meeting #4

Date: August 7, 2023
Project name: City of Oshkosh Water Filtration Plant Clearwells Replacement
Prepared by: Jacobs Engineering Group (Jacobs)
Location: City Hall, Room 404, 4:00 – 6:00 PM
Participants: Ad Hoc Committee Members: Brad Spanbauer, Aaron Sherer, Chris Anderson, Kirsten Buckstaff, Bill Wyman
Committee Staff Liaisons and Facilitators: Jason Ellis, Mark Lyons, Aaron Dressler, Brian Schuldes, Ray Mauer, James Rabe, Steve Gohde
Jacobs: Linda Mohr
Copied: Lauren Bartelt

Purpose

The purpose of this meeting was to continue to gather input from the City of Oshkosh (City) Water Filtration Plant (WFP) Clearwells Replacement Project (Project) Aesthetics Ad Hoc Committee (Committee) and Committee Liaisons. The meeting presentation and informational handouts are attached to, and supplement, these minutes.

Additional Project Information

After James called the meeting to order, Linda provided answers to questions identified during and since the last Committee meeting. Highlights are listed below:

- In response to Committee suggestions, building façade Options 3, 4, and 5 and Lake Shore Drive (North) Alternative 1 and Lake Shore Drive (South) Alternatives 1, 2, and 3 were prepared. Refer to handouts.
- The City will hire a landscape architect to prepare a landscaping plan for the WFP site perimeter, for the right-of-ways of Lake Shore Drive, Washington Avenue, and Merritt Avenue for the Park Area east of Lake Shore Drive.
- An inventory and condition assessment trees located east of the Clearwells was presented.
- Aaron Sherer sent an email to the Committee recommending the number of trees around the plant be maximized and suggested some preferred tree species. This recommendation is included in the meeting handouts. Mark commented that some tree species are on the City's 'prohibited' or 'use sparingly' lists. These lists will be considered in the development of the landscape design.
- Kirsten submitted suggestions for review by the Committee on the following topics that are included in the meeting handouts:
 - Natural and anthropological history content for water-theme historical / educational signs.
 - Native plant, shrub, and tree species for landscaping.
 - Potential landscape architects including tribal design resources.
 - Potential grant funding sources to support shoreland restoration and related improvements.

Committee Ideas and Discussion

Comments on building façade options:

Minutes

- Linda said that the renderings are design concepts and that need design details, like expansion joints in the reservoir are not shown. When structural design calculations are complete, locations of expansion joints will be coordinated with exterior architectural features.

Comments on Lake Shore Drive alternatives:

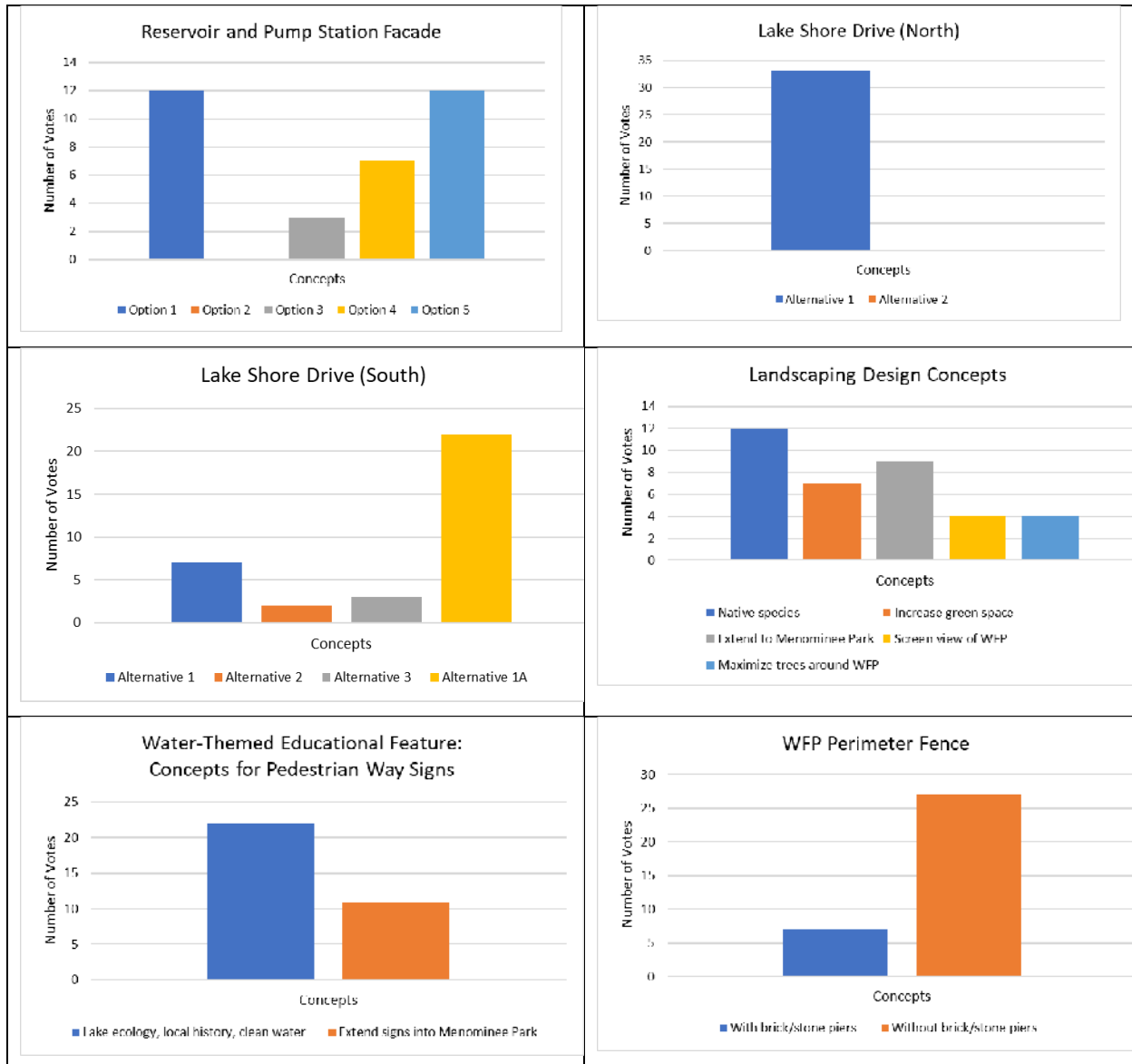
- Steve explained the cul-du-sac shown on Lake Shore Drive (North) alternatives is the minimum City standard and smaller than the ones shown at the last meeting.
- Lake Shore Drive (North) will be two-way traffic and Lake Shore Drive (South) will be one-way.
- In the Lake Shore Drive (South) alternatives, parking was shown off the roadway because parking spots south of the South Reservoir on Washington were not preferred by the Committee. The minimum allowable roadway width behind parking stalls is 24 feet.
- During the last meeting, it was determined that a 20-foot-wide road would be sufficient to service emergency response vehicles. It was further discussed then that some reduction in the number of parking stalls on Lake Shore Drive was acceptable to the Committee.
 - The Committee discussed a fourth Lake Shore Drive (South) alternative: eliminate all 16 parking stalls and construct a 20-foot-wide roadway. This alternative would be similar to Lake Shore Drive (South) Alternative 1 and was included in voting exercise at the end of the meeting. The Committee preferred the Lake Shore Drive (South) one-way direction to be north to south.
 - Eliminating these parking spots, particularly during a poor quality ice year, will mean that anglers will park further in the neighborhood.
- Lake Shore Drive (South) alternative concepts impact existing trees as follows: Alternative #1 – 12 trees; Alternative #2 – 9 trees; Alternative #3 – 4 trees. In final design, it may be possible to wind pedestrian path around established trees to preserve them. The City's standard practice is to either (1) avoid impacting Memorial Trees or (2) relocate them if they are small enough.
- As previously discussed, the *Menominee Park Master Plan* (Rettler Corporation, 2012) included a conceptual plan for a new enhanced bath shelter, the addition of sand volleyball courts, and 30 parking stalls to serve park facilities.
- Steve reminded the Committee that roadway changes will include 6-foot-wide terraces to provide area for accumulated snow and roadway signage.
- Brad wondered if the Committee was trying to hide the new structures with landscaping and Kirsten commented that the landscaping should complement the structures and that landscaping will not completely screen views of the facilities.
- Kirsten asked about street lighting and Steve responded that new roadway lighting will conform with City's fixture standards presented during the second Committee meeting.
- Brad asked about a cul-de-sac at the east of Merritt Avenue. Steve responded that a cul-de-sac at that location needs a 70-foot radius and doesn't fit well in the available area.
- It is possible to change the direction of traffic on one-way Lake Shore Drive (South) with signage for special events.
- Bill inquired about curb and gutter on Lake Shore Drive. Steve replied that they haven't yet consider the stormwater collection system changes required to support the alternative roadway concepts.

Prioritizing Aesthetic Concepts

During the meeting, Committee members and liaisons used a voting process to prioritize design concepts for project buildings' façade, changes to Lake Shore Drive roadway, landscaping, pedestrian way

Minutes

information signs (water-themed historic / education feature) and WFP perimeter fencing. Committee members were allotted twice as many votes as the Committee liaisons representing City Community Development Department, Fire Department, Parks Department, Police Department, and the Water Utility. The voting results are summarized below. Refer to the current and past meeting presentations and handouts for depictions and descriptions of concepts.



Action item: In addition to meeting minutes, Linda will prepare a Committee work executive summary for review and submission to Parks Advisory Board, Plan Commission, Common Council and ultimate the Public Service Commission of Wisconsin.

Upcoming meetings: Advisory Parks Board September 11, 2023; Plan Commission (for buildings' architectural review only) September 19, 2023; and Common Council September 26, 2023



Water Filtration Plant Clearwells Replacement Project Aesthetics Ad Hoc Committee

Meeting No. 4
August 7, 2023

AGENDA

1. Call to order
2. Review and approve minutes from Meeting #3
3. Discuss suggestions made during / since last meeting
4. Review new building façade options
5. Review updated Lake Shore Drive and Park Area Concepts
6. Prioritize Committee recommendations
7. Adjournment

Recommendations made During and Since Meeting #3

- Can we modify building Option 2 to include an odd number of smaller bricked in windows with a keystone in the arch? – *Yes, see Option 3 in handouts.*
- Can we modify building Option 1 to include art panels, perhaps of sturgeon, instead of herringbone pattern brick square windows? – *Yes, see Option 6/7 in handouts.*
- Will the City hire a landscape architect to design WFP perimeter, Lake Shore Drive right-of-way, and Park Area landscaping? – *Yes, the City is committed to hiring a landscape architect to design improvements to these areas with input from Advisory Parks Board, other City Departments, and the community.*
- Can we review a site plan that depicts the WFP property line, the adjacent roadway right-of-ways, and the proposed fence location? – *Yes, see Fencing Site Plan in handouts.*
- Can the new pedestrian path be routed near the lake along the northern portion of Lake Shore Drive? – *Yes, see Lake Shore Drive Alternative #1 in handouts.*
- Can we review a condition assessment of the existing trees along Lake Shore Drive and information about any memorial trees in this area? – *Yes, see presentation.*

Building Façade Options Update – See Handouts

Option 1



Option 4



Option 5



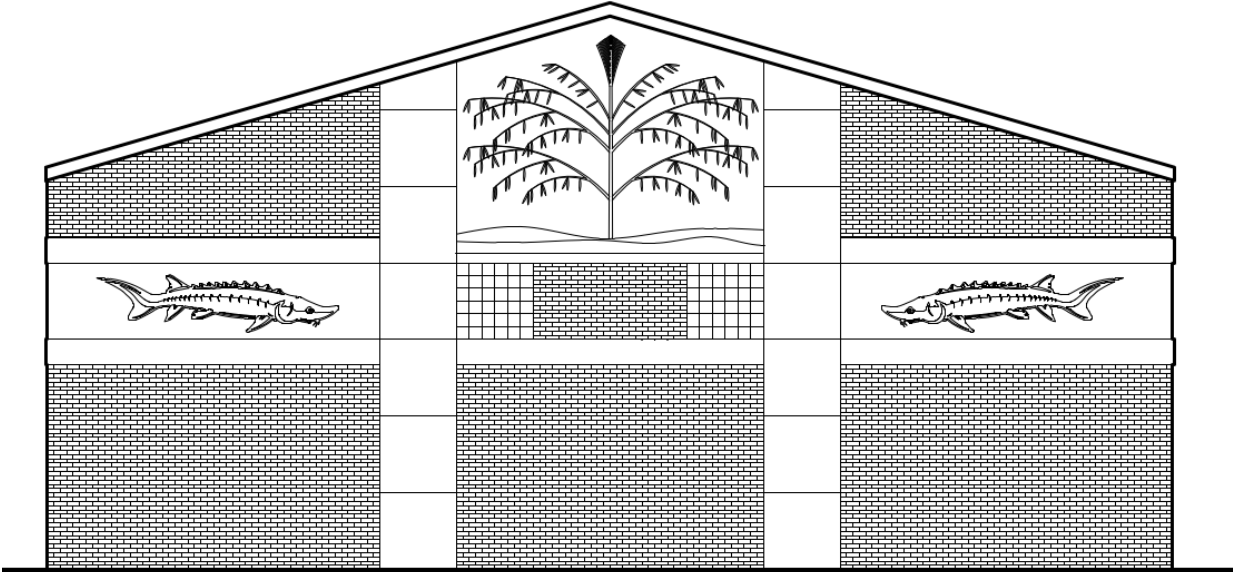
Option 2



Option 3



Sturgeon & Wild Rice Panels



PUMP STATION

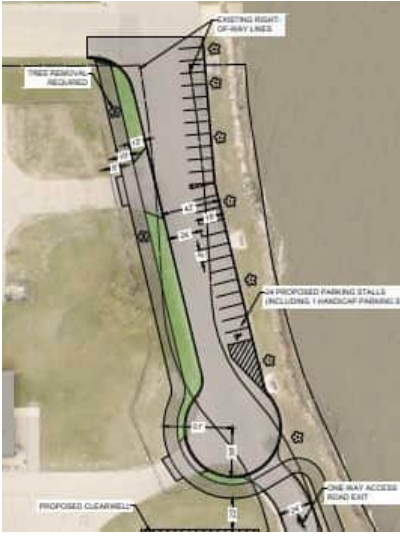


Lake Shore Dive Concepts Update – See Handouts

North Alternative #1



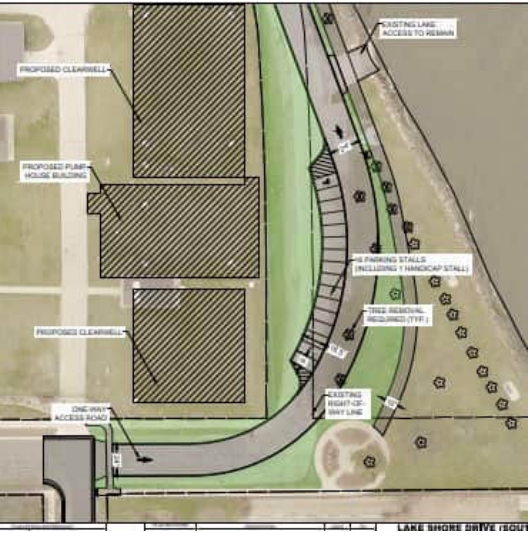
North Alternative #2



South Alternative #1



South Alternative #2

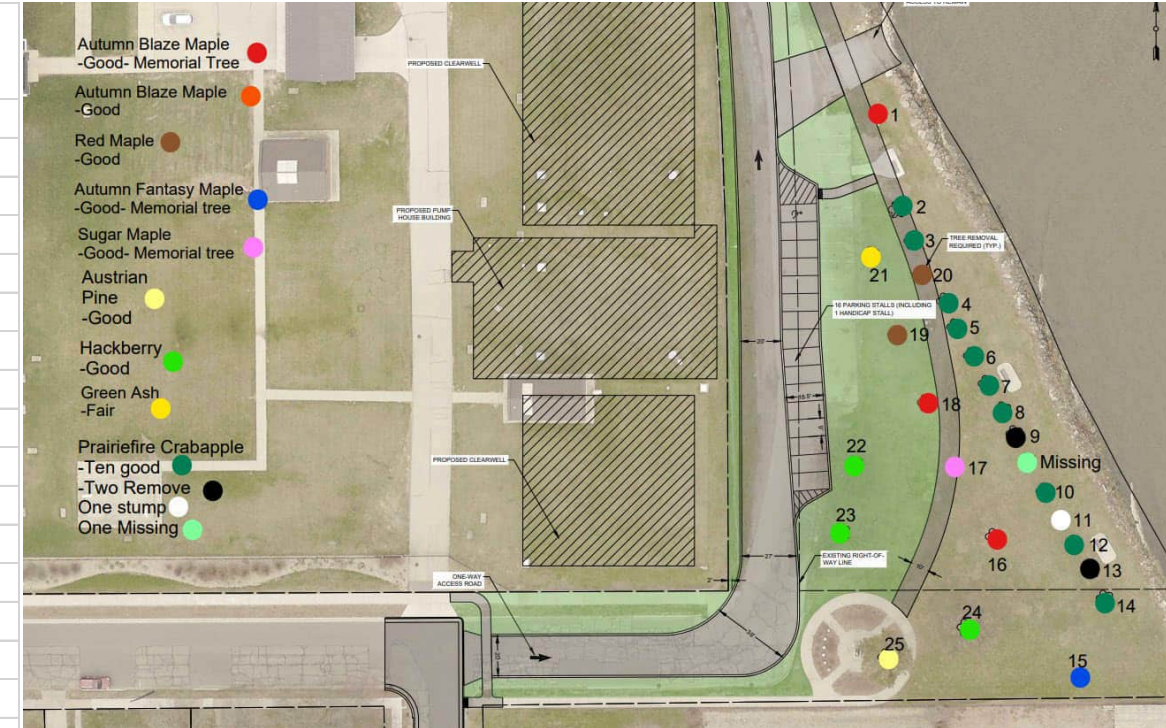


South Alternative #3



Lake Shore Drive Trees Assessment

Map Number	Species	DBH (in)	Height (FT)	Spread (FT)	Condition	Memorial Tree	Comments
1	Autumn Blaze Maple	5	20	12	Good	Y	Healthy tree
2	Prairiefire Crabapple	4	8	4	Good		Some wounds-Vigorous
3	Prairiefire Crabapple	5	12	12	Good		Some wounds-Vigorous
4	Prairiefire Crabapple	5	12	12	Good		Some wounds-Vigorous
5	Prairiefire Crabapple	5	12	12	Good		Some wounds-Vigorous
6	Prairiefire Crabapple	5	12	12	Good		Some wounds-Vigorous
7	Prairiefire Crabapple	3	8	10	Remove		Bad structure- wounds
8	Prairiefire Crabapple	5	12	12	Good		Some wounds-Vigorous
9	Prairiefire Crabapple	5	15	15	Good		Some wounds-Vigorous
10	Prairiefire Crabapple	5	15	15	Good		Some wounds-Vigorous
11	Prairiefire Crabapple				Stump		
12	Prairiefire Crabapple	5	15	15	Good		Some wounds-Vigorous
13	Prairiefire Crabapple	4	12	12	Remove		Some Dieback-wounds
14	Prairiefire Crabapple	5	15	15	Good		Some wounds-Vigorous
15	Autumn Fantasy Maple	2	15	4	Good	Y	Planted Spring 2023
16	Autumn Blaze Maple	10	30	20	Good	Y	Would not Remove
17	Sugar Maple	2	12	4	Good	Y	Planted 2022
18	Autumn Blaze Maple	14	40	20	Good	Y	Would not Remove
19	Red Maple	16	40	30	Good		Would not Remove
20	Red Maple	10	30	20	Good		Would not Remove
21	Green Ash	26	50	40	Good		Remove/Treat
22	Hackberry	22	40	30	Good		Would not Remove
23	Hackberry	32	45	35	Good		Would not Remove
24	Hackberry	26	45	35	Good		Would not Remove
25	Austrian Pine	19	30	20	Good		Would not Remove



Clearwells Replacement Project Aesthetics Ad Hoc Committee Purpose

- Review options and provide a recommendations for the following:
 - Architectural finishes on the reservoirs and pump station.
 - Landscaping on WFP site and the right-of-ways of Lake Shore Drive, Washington Avenue, and Merritt Avenue.
 - Landscaping for the Park Area east of Lake Shore Drive.
 - Water-themed educational and/or historical feature for inclusion in the project.

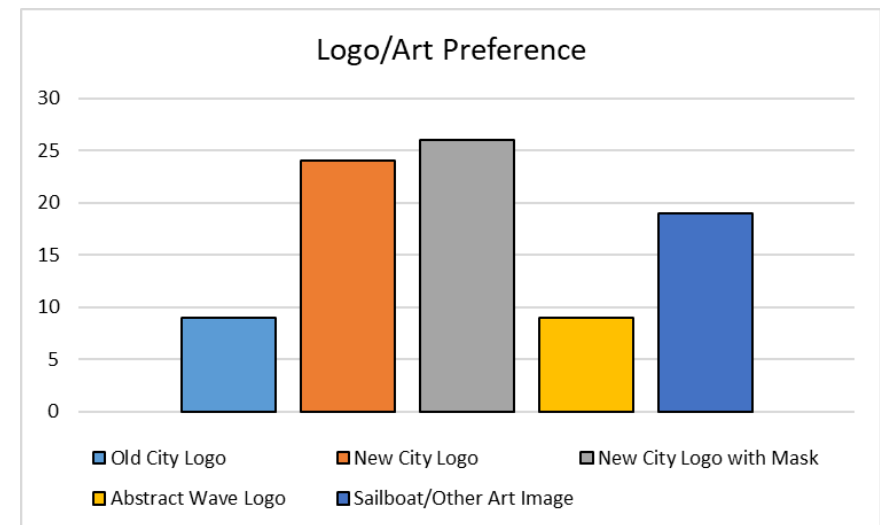
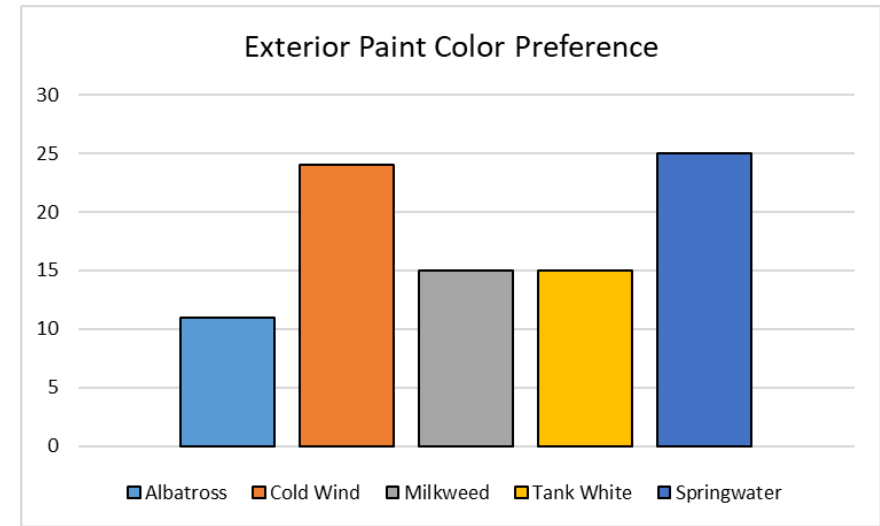
NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Oshkosh that an ad hoc committee is hereby created for the following purposes:

- A. Provide a recommendation for the architectural finishes on the proposed clearwell tanks and pump houses on the Water Filtration Plant (WFP) site to the Plan Commission and Council.
- B. Review options and provide a recommendation for landscaping and planting the onsite areas along the right-of-way of Lake Shore Drive, Washington Avenue, and Merritt Avenue to the Plan Commission and Council.
- C. Review options and provide a recommendation for landscaping and planting the Park area east of Lake Shore Drive to the Advisory Parks Board and Council.
- D. Review options and provide a recommendation for landscaping and improvements to the right-of-ways adjacent to the WFP site.
- E. To allow for review by the Plan Commission and Advisory Parks Board prior to Council Action, the Committee shall provide recommendations as to the WFP site on or before August 1, 2023.
- F. **Provide a recommendation on how to incorporate educational and/or historical elements relating to water into the final project.**

Prioritize Concepts by Committee Member and Liaisons Poll

- Vote for preferred building façade option(s), Lake Shore Drive alternatives, Lake Shore Drive and Park Area landscaping concepts, water-themed educational / historical feature, fence type.
- Committee members get 4 votes per topic; Committee liaisons, 2 votes per topic.
- Votes will be tallied, graphed, and include in Committee work summary.

Marion Road Water Tower Stakeholder Committee Examples



Look Ahead

Ad Hoc Committee Recommendations

Committee Recommendations

1. Complete Committee work summary including voting results
2. Present Committee recommendations:
 - Advisory Parks Board September 11, 2023
 - Plan Commission (for buildings' architectural review only) September 19, 2023
 - Common Council September 26, 2023
3. Start re-design with Common Council-approved aesthetic features

Thank you

From: [Aaron Sherer](#)
To: [Rabe, James E.](#)
Cc: [Bill Wyman](#); [Brad Spanbauer](#); [Chris Anderson](#); [Kirsten Buckstaff](#); [Lauren Bartelt](#); [Droessler, Aaron](#); [Ellis, Jason J.](#); [Gohde, Steven M.](#); [Mohr, Linda](#); [Lyons, Mark](#); [Maurer, Raymond](#); [Schuldes, Brian](#)
Subject: [EXTERNAL] Re: Clearwell Ad Hoc Committee Meeting
Date: Thursday, August 3, 2023 9:53:42 AM

James,

I am going to try to attend the meeting on 8/7, but it is doubtful. (My family will be driving back from a visit to my hometown in Iowa that day - an 8-10 hour drive.)

I would like the following recommendation to be presented to the committee for inclusion in the final list of recommendations made by the committee:

Recommendation: The maximum number of trees possible should be planted around the WFP site -- not less than 5 new trees along the south side of Merritt Ave, not less than 10 new trees along the north side of Washington Ave, and not less than 20 new trees along the west and east sides of Lake Shore Drive. The tree specimens selected should have the largest mature growth size possible given the physical obstructions of the particular location, such as proximity to buried pipes, fences, powerlines, streets, parking, pathways, etc. Trees with a vertical growth shape and ascending limb structure (such as Autumn Blaze Maple and Chanticleer Pear) should be used near fences. Native tree specimens should be selected for areas where conditions and parameters are most suitable for their growth.

Let me know if you have any questions or need clarification in advance.

Thank you,

Aaron

On Tue, Aug 1, 2023 at 8:54 AM Rabe, James E. <jrabe@ci.oshkosh.wi.us> wrote:

All,

After reviewing the responses to the Doodle Poll, the best fit time for the next meeting is August 7th from 4:00 – 6:00 p.m. Meeting materials will be sent out later this week.

Thank you.

CLEARWELLS SITE CONCEPT: ECOLOGICALLY BENEFICIAL, CULTURALLY RELEVANT

Ad hoc Committee to Solicit Input on Clearwell Replacement Project Aesthetics Features

Submitted by Kirsten Buckstaff 8/23, Oshkosh, WI

CULTURAL LANDSCAPE, NATURAL HISTORY STUDY

The City of Oshkosh has the opportunity to restore, and highlight our city's finest natural feature: the culturally significant shoreline, and contiguous public access lands, adjoining federal waters of Lake Winnebago on South Lake Shore Dr.

- a. Wisconsin's largest inland lake, and host to the largest naturally self sustaining lake sturgeon population in the world, estimated at 40,000, is deeply rooted in the lineages, history, creation, and oral traditions of pre settlement populations, ie., Woodland, and Oneota cultures and their descendants: Menominee, and Ho Chunk (Winnebago).
- b. Glacial Lake Oshkosh pre historic designation of the shallow, lowland freshwater lake, replenishing our water supply.
- c. Biology and Shoreland Habitat
- d. Archaeological and Anthropological heritage

MESSAGING APPROACH, SIGNAGE

- a. Indigenous heritage; pre settlement history
- b. Aquatic ecosystems
- c. Lake health
- d. History of Water treatment facility, potable water
- e. Importance of native plantings

NATIVE PLANTINGS INDIGENOUS TO EASTERN SHORE

Wet meadows, shoreland, wet mesic, native grasses and sedges typifying the natural features of the site are crucial to the urban environment

A site identified for Mnoomin, (wild rice) demonstration production, native rushes, sedges, and aquatic plants enhances waterfowl habitat, aquaculture, and natural filtration.

NATIVE PLANTINGS, LANDSCAPE SCHEME BOUNDING WEST, NORTH AND SOUTH ASPECTS of FACILITY and CITY STREETS

Contiguous, appropriate native plantings, grasses, sedges, ferns, trees and shrubs sited with respect to subterranean infrastructure, future usage, and security.

Examples of low growing native species with four season interest include (common names):

Serviceberry

Black chokecherry

Viburnum family

Redtwig Dogwood

Silky Dogwood

Staghorn sumac

St. Johns Wort

River Birch

Witch Hazel

American Elderberry

Companion plantings: grasses and pollinator attracting flowering plants

Hardscaping is dual purpose: Winnebago shore stone and boulders as decorative educational features; security defense, site specific

LANDSCAPE ARCHITECTS; TRIBAL COLLABORATION

Inviting Tribal Historic Preservation Officers (THPOs), Indigenous landscape designers, and botanists is integral to this site's holistic vision.

Cultural engagement enhances the utility, quality and ethics of the project.

Exemplary of this standard:

TEN x TEN Studio, Minneapolis, MN

www.tenxtenstudio.com please refer to INDIAN MOUNDS CULTURAL LANDSCAPE STUDY + MESSAGING PLAN under Projects menu

www.guinnevens.com design collective fostering cultural appreciation, improving environmental sustainability. Refer to Indian Mounds in project gallery

SUGGESTED SITE VISIT

Indian Mounds Regional Park, managed by City of St. Paul, MN

10 MOUNDS BLVD. ST. PAUL MN

GRANT OPPORTUNITIES

Federal, State, Municipal and private-public partnership grants opportunities exist to support projects, cost share, and fund restoration and revitalization of shoreland, and adjacent public properties.

Local Units of Government (LUGs) are eligible applicants for stewardship grant programs and federal programs administered by WI DNR.

Programs are subject to funds

- Knowles-Nelson Stewardship Local Assistance Grants
 - Aids for the acquisition and development of local parks
 - Urban Green Space (UGS) grants
 - Urban Rivers (UR) grants
 - Acquisition of Development Rights (ADR)
- Federal Recreation
 - Land and Water Conservation Fund (LWCF)
 - Recreational Trails Program (RTP)
- Wisconsin Habitat Partnership Fund
- Shoreland Protection Funding

Refer to Wisconsin Department of Natural Resources website for contacts, program description and application

Healthy Lakes and Rivers Grant

www.healthylakeswi.com

SECURITY

P.M. detail, contract, or OPD

SHARE THE AIR

Tobacco, Cannabis, Vape free zone encourages respect for the site, health of visitors, litter abatement. Supports pollinators, hosts.

INDIGENEITY

The City of Oshkosh can

REINVENT the perception of the South Lake Shore Dr. site and treatment facility, cultivating a 21st century discourse of cultural literacy, historical context, and collaboration

REWRITE the narrative of shared public space

REWILD shoreline and shoreland properties

REVIVE a source of community, pride, and value

Option 1



Option 1



Option 1



Option 2



Option 2



Option 2



Option 3



Option 3



Option 3



Option 4



Option 4

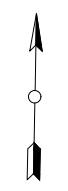
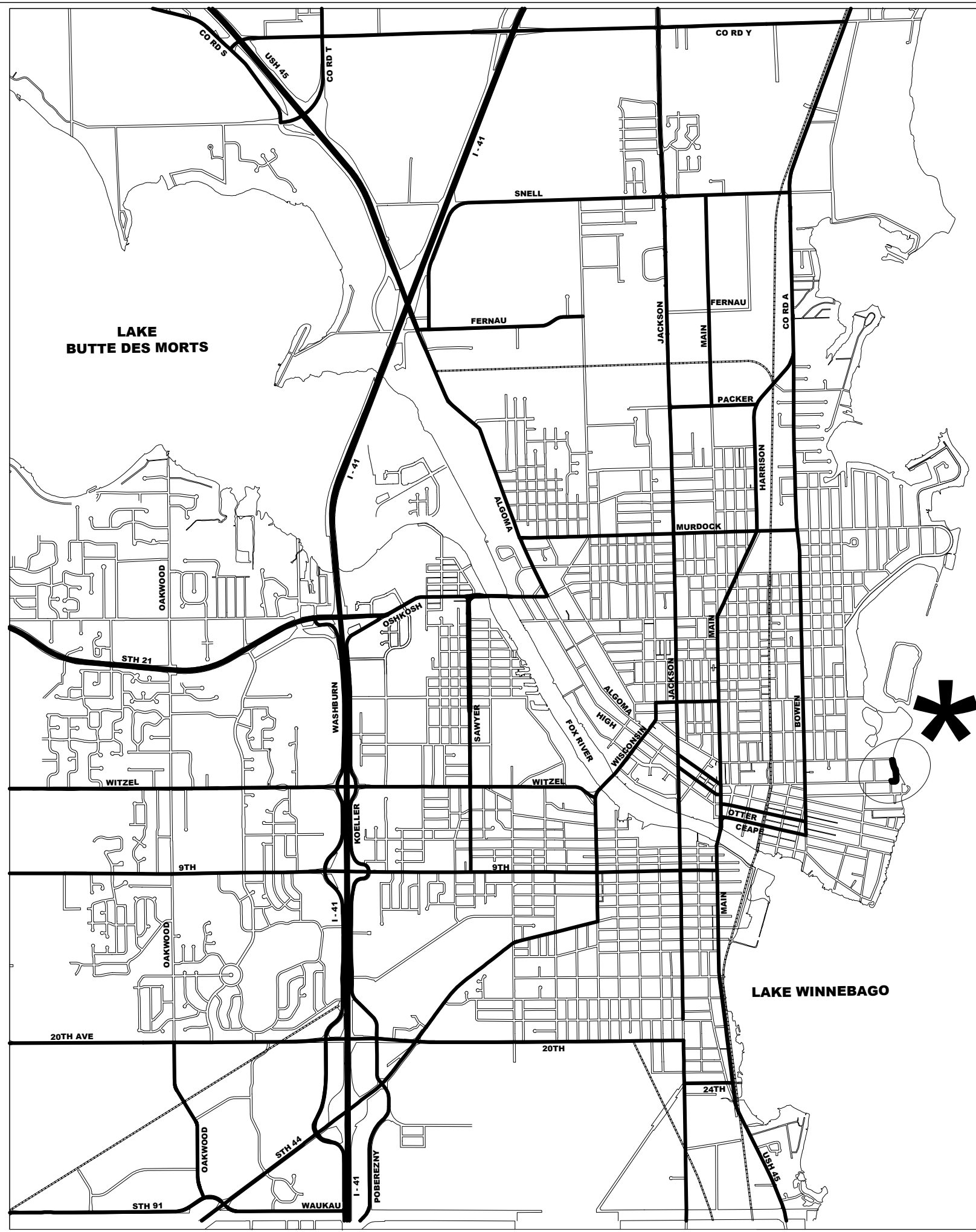


Option 4



Option 5





LAKE SHORE DRIVE CONCEPT DRAWINGS OSHKOSH, WISCONSIN

SHEET NO.		DESCRIPTION
GENERAL	1	TITLE SHEET
NORTH LAKE SHORE DRIVE ALTERNATIVES	2	TRAIL EAST OF LAKE SHORE DRIVE
	3	TRAIL WEST OF LAKE SHORE DRIVE
SOUTH LAKE SHORE DRIVE ALTERNATIVES	4	ROAD OUTSIDE OF R.O.W. W/ PARKING ON THE EAST SIDE
	4A	ROAD OUTSIDE OF R.O.W. W/ NO PARKING
	5	ROAD OUTSIDE OF R.O.W. W/ PARKING ON THE WEST SIDE
	6	ROAD INSIDE OF R.O.W. W/ PARKING ON THE EAST SIDE





BENCH MARKS - USGS NAVD 88 DATUM			
NO.	STATION	DESCRIPTION	ELEV.

PLAN DESIGN INFORMATION	
DESIGN DATE	JULY 2023
SURVEYOR	
DESIGN ENGINEER	JWF

PLAN REVISIONS	DESCRIPTION	DATE	BY



BENCH MARKS - USGS NAVD 88 DATUM			
NO.	STATION	DESCRIPTION	ELEV.

PLAN DESIGN INFORMATION	
DESIGN DATE	JULY 2023
SURVEYOR	
DESIGN ENGINEER	JWF

PLAN REVISIONS	DESCRIPTION	DATE	BY

**LAKE SHORE DRIVE (NORTH)
ALTERNATIVE #2**
TRAIL WEST OF LAKE SHORE DRIVE

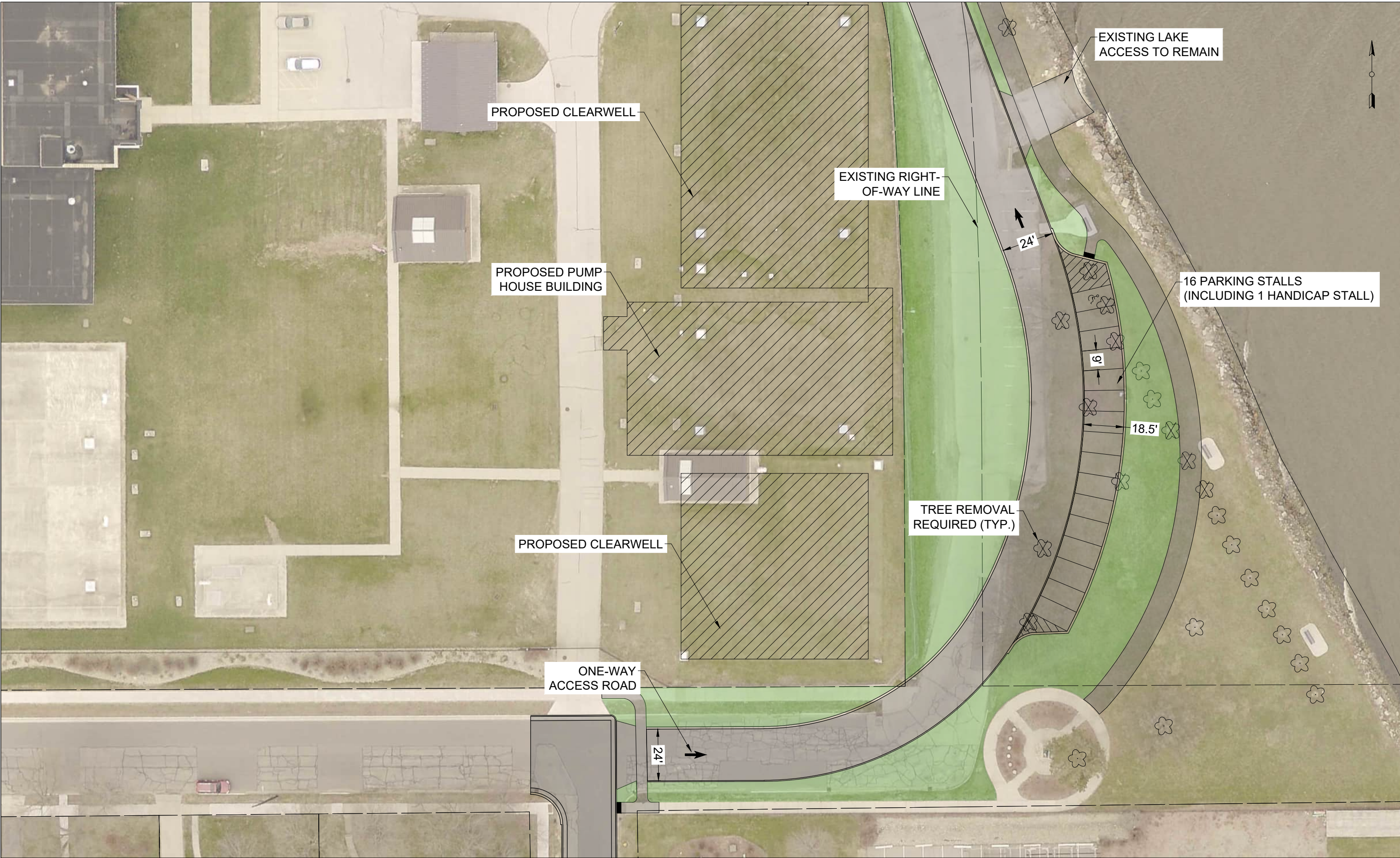
CITY OF OSHKOSH, WISCONSIN

JAMES RABE, DIRECTOR OF PUBLIC WORKS

SCALE IN FEET: 0 20 40

LAKESHORE DRIVE CONCEPT DRAWING

SHEET 03 OF 06

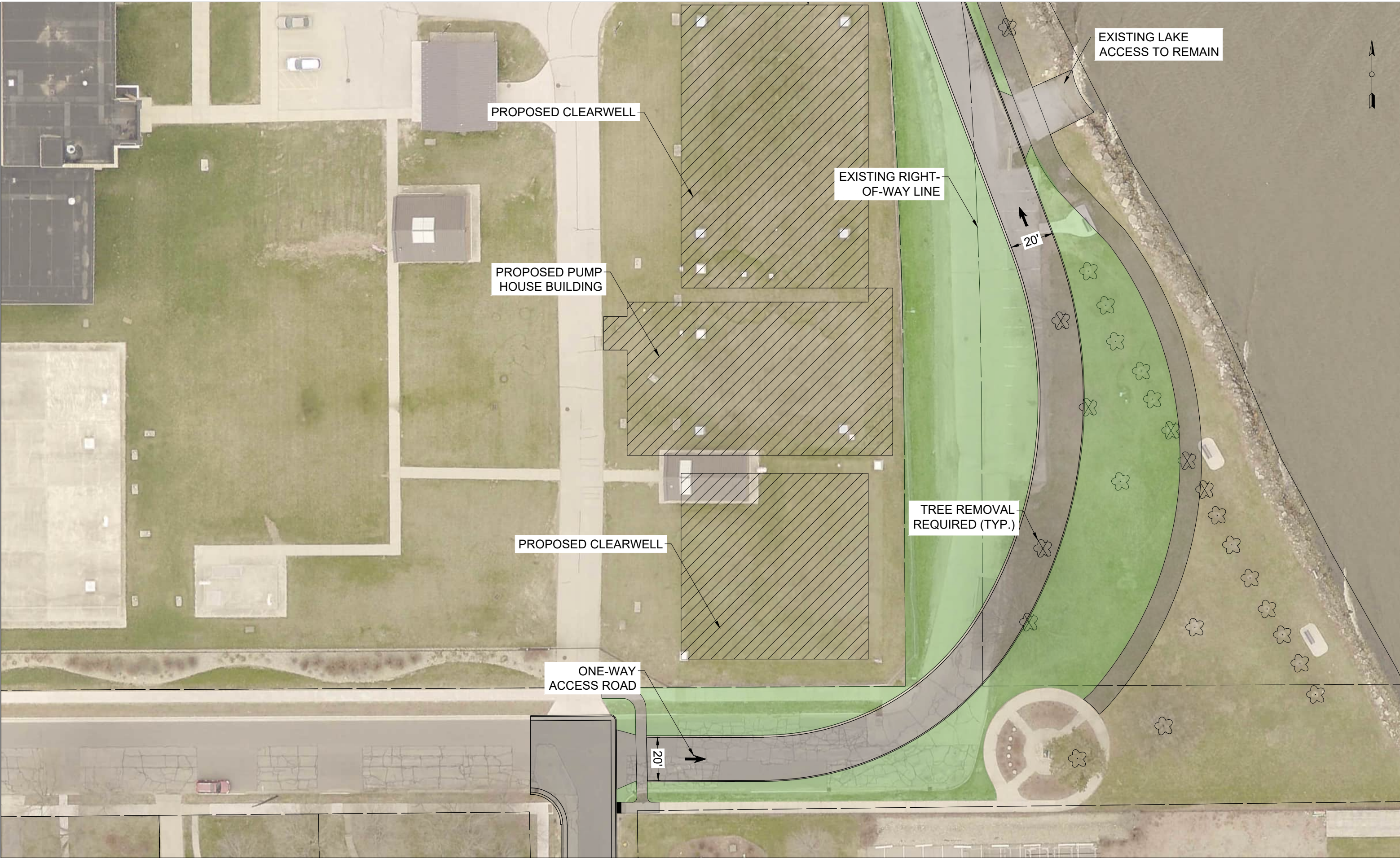


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NO.	STATION	DESCRIPTION	ELEV.

PLAN DESIGN INFORMATION	
DESIGN DATE	JULY 2023
SURVEYOR	
DESIGN ENGINEER	JWF

PLAN REVISIONS	DESCRIPTION	DATE	BY

**LAKE SHORE DRIVE (SOUTH)
ALTERNATIVE #1**
ROAD OUTSIDE OF R.O.W. W/ PARKING ON THE EAST SIDE

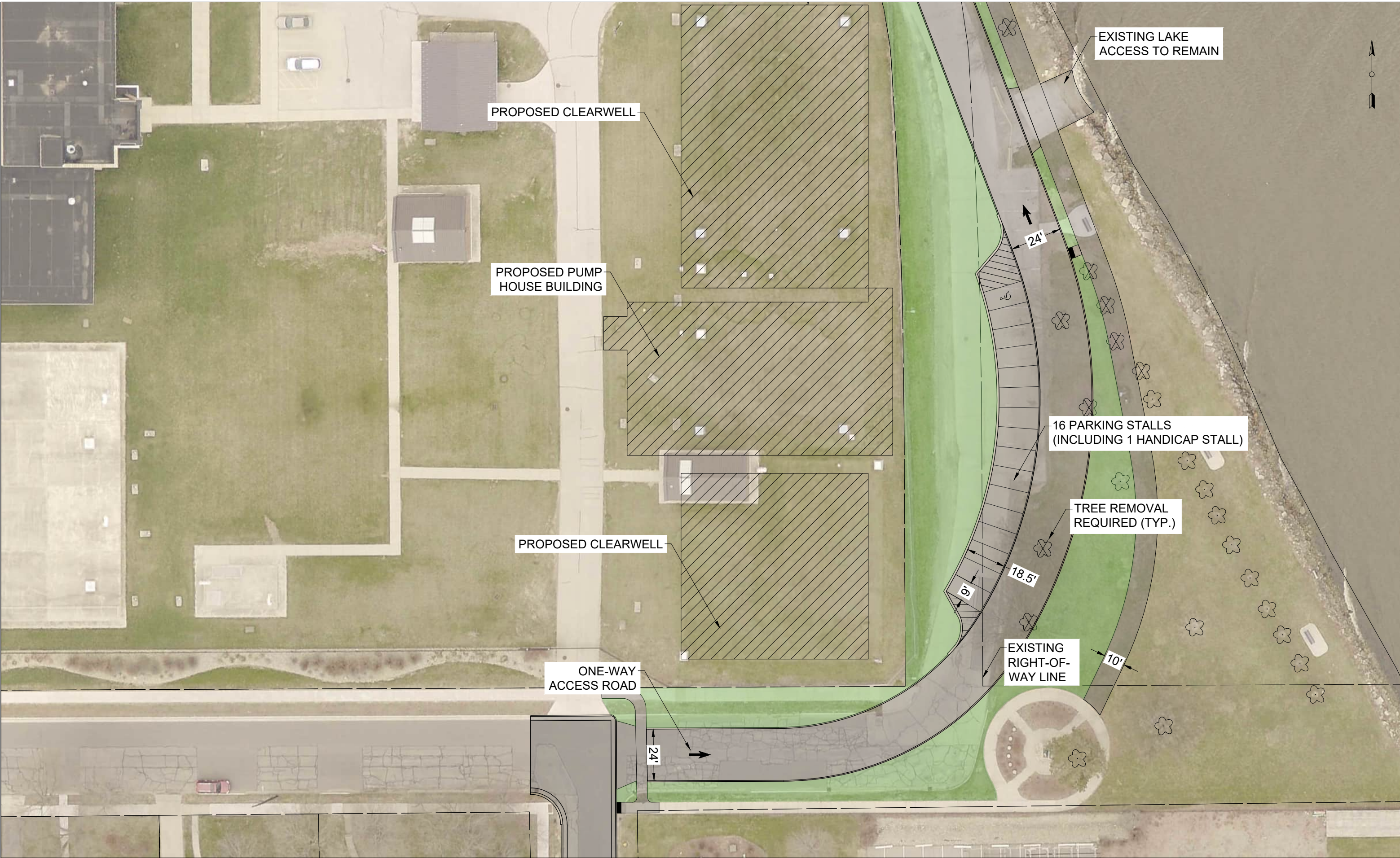


BENCH MARKS - USGS NAVD 88 DATUM			
NO.	STATION	DESCRIPTION	ELEV.

PLAN DESIGN INFORMATION	
DESIGN DATE	AUGUST 2023
SURVEYOR	
DESIGN ENGINEER	JWF

PLAN REVISIONS	DESCRIPTION	DATE	BY

**LAKE SHORE DRIVE (SOUTH)
ALTERNATIVE #1A**
ROAD OUTSIDE OF R.O.W. W/ NO PARKING

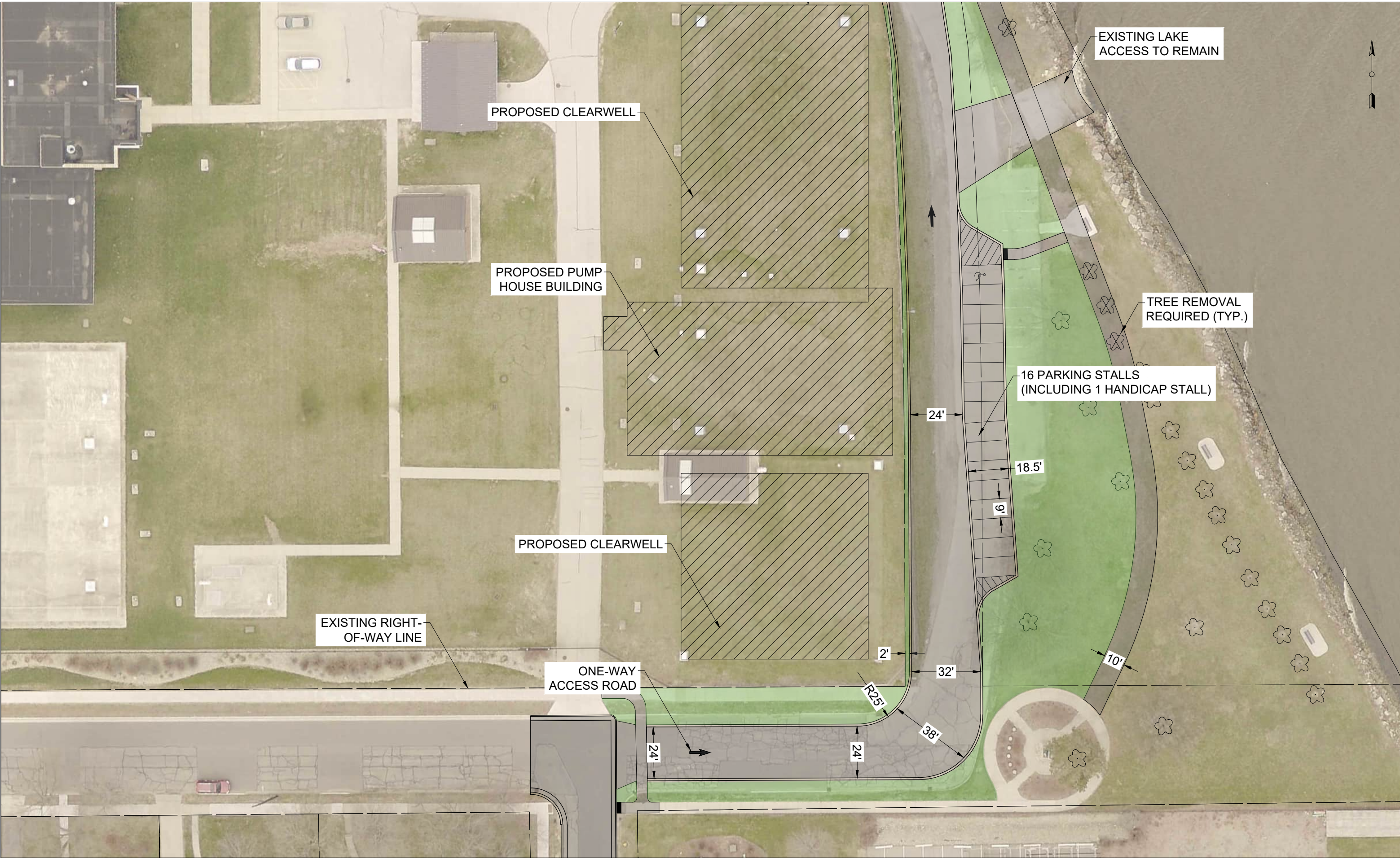


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NO.	STATION	DESCRIPTION	ELEV.

PLAN DESIGN INFORMATION	
DESIGN DATE	JULY 2023
SURVEYOR	
DESIGN ENGINEER	JWF

PLAN REVISIONS	DESCRIPTION	DATE	BY

**LAKE SHORE DRIVE (SOUTH)
ALTERNATIVE #2**
ROAD OUTSIDE OF R.O.W. W/ PARKING ON THE WEST SIDE



BENCH MARKS - USGS NAVD 88 DATUM			
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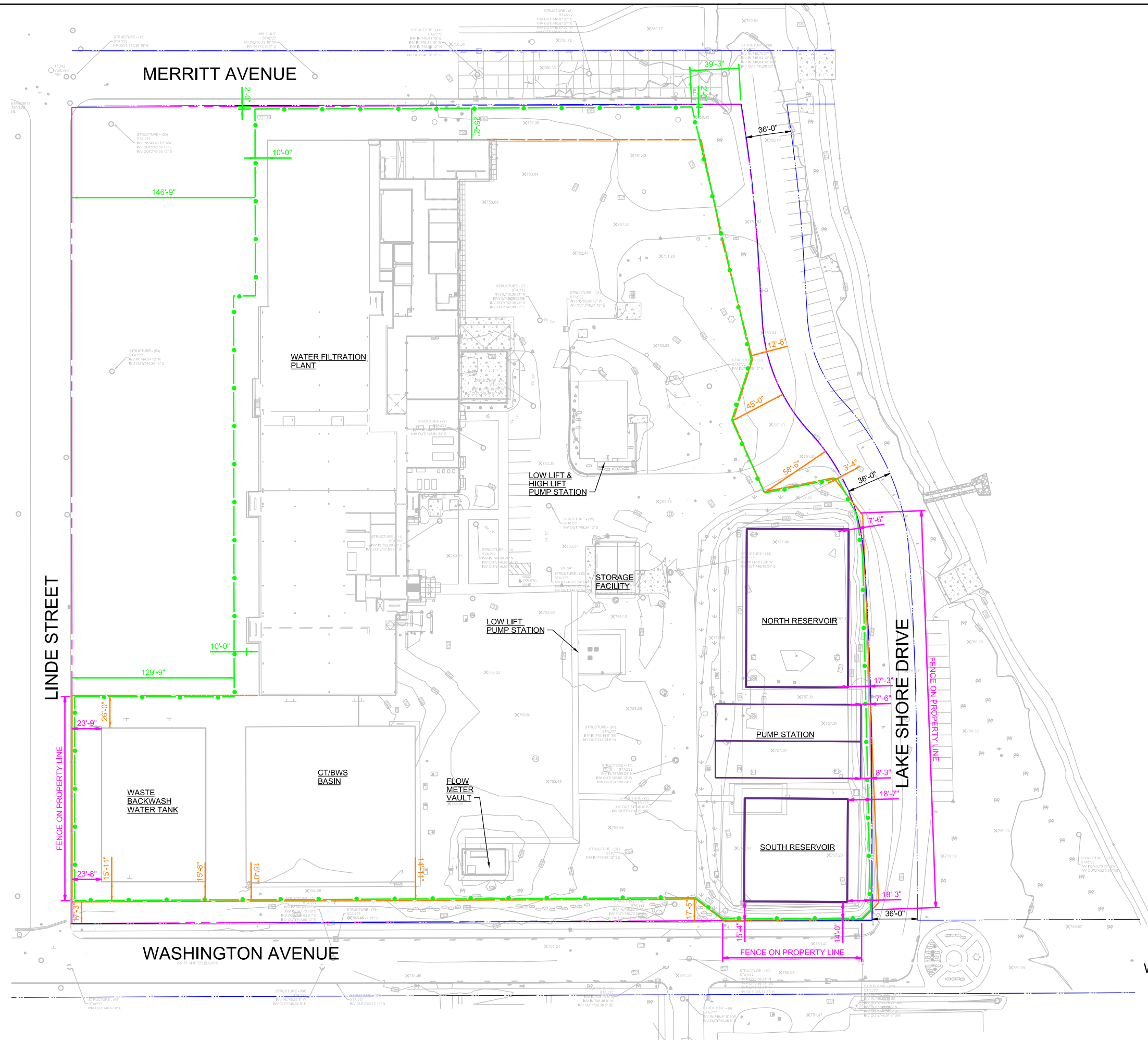
PLAN DESIGN INFORMATION	
DESIGN DATE	JULY 2023
SURVEYOR	
DESIGN ENGINEER	JWF

PLAN REVISIONS	DESCRIPTION	DATE	BY

**LAKE SHORE DRIVE (SOUTH)
ALTERNATIVE #3**
ROAD INSIDE OF R.O.W. W/ PARKING ON THE EAST SIDE

GENERAL SHEET NOTES

- EXCEPT WHERE INDICATED, DIMENSIONS SHOWN ARE FROM PROPERTY LINE.
- EXCEPT WHERE SHOWN, PERIMETER FENCING TO BE LOCATED 2'-0" FROM PROPERTY LINE.



LEGEND

- EXISTING FENCE
- NEW FENCE
- PROPERTY LINE
- NEW STRUCTURES
- RIGHT OF WAY
- DIMENSION TO NEW FENCE FOLLOWING EXISTING FENCE ROUTE
- DIMENSION TO NEW FENCE ALONG NEW ROUTE, 2'-0" MIN FROM PROPERTY LINE
- DIMENSION TO NEW FENCE ON PROPERTY LINE



Scale In Feet
 BAR IS ONE INCH ON ORIGINAL DRAWING.
 0 1"

**WATER FILTRATION PLANT
 FENCING SITE PLAN**
 WATER FILTRATION PLANT CLEARWELLS
 REPLACEMENT PROJECT

FILENAME: PLOT DATE: 2023/08/17 PLOT TIME: 1:41:29 PM