PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name: Carol HejlStone, Mpls Park & Recreation Board

Mailing Address: 2117 West River Rd. Minneapolis, MN 55411

Phone: 612-230-6454

E-mail Address: PHejlStone@minneapolisparks.org

Authorized Contact (do not complete if same as above): Adam Pawelk, Houston engineering

Mailing Address: 7550 Meridian Cir N #120, Maple Grove, MN 55369

Phone: 952.829.0700

E-mail Address: apawelk@houstoneng.com

Agent Name: Melissa Barrett, Kjolhaug Environmental

Mailing Address: 2500 Shadywood Road, Suite 130, Orono, MN 55331

Phone: 952-388-3752

E-mail Address: Melissa@kjolhaugenv.com

PART TWO: Site Location Information

County: Hennepin City/Township: Minneapolis

Parcel ID and/or Address: 2902924210001

Legal Description (Section, Township, Range): Section 29, T029, R24

Lat/Long (decimal degrees): 44.972822, -93.328334

Attach a map showing the location of the site in relation to local streets, roads, highways. See Figure 1.

Approximate size of site (acres) or if a linear project, length (feet): <850 LF ac work area

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform 4345 2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted *prior to* this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

Minneapolis Parks & Recreation Board proposes to replace and update an existing bog boardwalk for the purposes of maintaining visitor access to the park's signature Quaking Bog while restoring/improving and protecting the ecology of the bog.

PART FOUR: Aquatic Resource Impact¹ Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (wetland, lake, tributary etc.)	drain.or	Impact	Size of Impact ²	Overall Size of Aquatic Resource ³	Type(s) in Impact Area4	County, Major Watershed #, and Bank Service Area # of Impact Area ⁵
Quaking Bog	Wetland	Fill	Т	432 sf		Coniferous Bog	Henn, 20, 7
				13231			

¹If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

PART FIVE: Applicant Signature

Check here if you are requesting a <u>pre-application</u> consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.								
By signature below, I attest authority to undertake the		ion is complete and ac	curate. I further attest that I possess the					
Signature:Carol	HejlStone_	Date:	2-1 3-25					
I hereby authorize	to act on my behalf as my agent in supplemental information	, ,	application and to furnish, upon request, lication.					

²Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).

³This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".

⁴Use Wetland Plants and Plant Community Types of Minnesota and Wisconsin 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.

⁵Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

¹ The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

Attachment A Request for Delineation Review, Wetland Type Determination, or Jurisdictional Determination

By submission of the enclosed wetland delineation report, I am requesting that the U.S. Army Corps of Engineers, St. Paul District (Corps) and/or the Wetland Conservation Act Local Government Unit (LGU) provide me with the following (check all that apply): Wetland Type Confirmation Delineation Concurrence. Concurrence with a delineation is a written notification from the Corps and a decision from the LGU concurring, not concurring, or commenting on the boundaries of the aquatic resources delineated on the property. Delineation concurrences are generally valid for five years unless site conditions change. Under this request alone, the Corps will not address the jurisdictional status of the aquatic resources on the property, only the boundaries of the resources within the review area (including wetlands, tributaries, lakes, etc.). Preliminary Jurisdictional Determination. A preliminary jurisdictional determination (PJD) is a non-binding written indication from the Corps that waters, including wetlands, identified on a parcel may be waters of the United States. For purposes of computation of impacts and compensatory mitigation requirements, a permit decision made on the basis of a PJD will treat all waters and wetlands in the review area as if they are jurisdictional waters of the U.S. PJDs are advisory in nature and may not be appealed. Approved Jurisdictional Determination. An approved jurisdictional determination (AJD) is an official Corps determination that jurisdictional waters of the United States are either present or absent on the property. AJDs can generally be relied upon by the affected party for five years. An AJD may be appealed through the Corps administrative appeal process.

The Quaking Bog wetland is an isolated depression/basin with no natural or constructed outlet (see Figures 2, 3, 4, 5, and 6). An Approved Jurisdictional Determination is requested for this wetland.

In order for the Corps and LGU to process your request, the wetland delineation must be prepared in accordance with the 1987 Corps of Engineers Wetland Delineation Manual, any approved Regional Supplements to the 1987 Manual, and the *Guidelines for Submitting Wetland Delineations in Minnesota* (2013).

 $\underline{http://www.mvp.usace.army.mil/Missions/Regulatory/DelineationJDGuidance.aspx}$

Attachment B

Supporting Information for Applications Involving Exemptions, No Loss Determinations, and Activities Not Requiring Mitigation

Complete this part **if** you maintain that the identified aquatic resource impacts in Part Four do not require wetland replacement/compensatory mitigation OR **if** you are seeking verification that the proposed water resource impacts are either exempt from replacement or are not under CWA/WCA jurisdiction.

Identify the specific exemption or no-loss provision for which you believe your project or site qualifies:

8420.0415 NO-LOSS CRITERIA. "No-loss" means no permanent loss of, or impact to, wetlands from an activity according to the criteria in this part. The following qualify for a no-loss:

A. an activity that will not impact a wetland;

And/or

H. a temporary impact that is rectified by repairing, rehabilitating, or restoring the affected wetland. No Loss under this item only applies if all of the following conditions are met:

- (1) the physical characteristics of the affected wetland, including ground elevations, contours, inlet dimensions, outlet dimensions, substrate, plant communities, and hydrologic regime, are restored to preproject conditions sufficient to ensure that all preproject functions are restored;
- (2) the activity is completed and the physical characteristics of the wetland are restored within six months of the start of the activity, unless an extension is granted by the local government unit after consultation with the technical evaluation panel;
- (3) the landowner provides sufficient financial assurance acceptable to the local government unit to cover the estimated cost to restore the wetland to preproject conditions. The local government unit must return any remaining financial assurance to the landowner upon a determination by the local government unit that the conditions in this item have been met by the landowner; and
- (4) a no-loss has not been approved under this item for a particular site within a wetland within the previous ten years, except that repairs to the original project may be allowed under the no-loss if the local government unit determines the request to be necessary and reasonable.

Provide a detailed explanation of how your project or site qualifies for the above. Be specific and provide and refer to attachments and exhibits that support your contention. Applicants should refer to rules (e.g. WCA rules), guidance documents (e.g. BWSR guidance, Corps guidance letters/public notices), and permit conditions (e.g. Corps General Permit conditions) to determine the necessary information to support the application. Applicants are strongly encouraged to contact the WCA LGU and Corps Project Manager prior to submitting an application if they are unsure of what type of information to provide:

Temporary impacts to the Quaking Bog wetland are proposed for the purposes of replacing and updating an existing bog boardwalk that has been in place for an estimate of more than 30 years. The current boardwalk consists of plastic deck panels that sit directly on top of sphagnum moss. Over the years, the panels have sunk, and continue to sink, into the moss substrate. Some sections are being overgrown with moss, while other sections may be covered with shallow standing water. Make-shift repairs (such as the addition of wooden planks) has occurred in various areas. Site conditions allow (and sometime results) in visitors stepping of the current boardwalk and into the wetland substrate, causing damage to bog vegetation.

The proposed plan (attached) includes replacing the existing 40" wide plastic deck panels (which completely cover the wetland substrate) with 4 ft by 3 ft (12 sf) plastic floating pontoons spaced ~3 ft from one another. New decking with 3.5 ft tall side rails or 2 in by 4 in curb rails will sit atop these floats roughly 2 ft above the wetland substrate.

This design will re-expose wetland substrate that is currently under the existing decking and will prohibit visitors from stepping off the boardwalk, thereby allowing wetland vegetation restoration in the gap areas and preventing further damage to the bog outside of the designated path/boardwalk. This design is intended to improve both the visitor experience and the bog ecology.

A prior design considered the use of posts/piling to support new boardwalk decking. However, an assessment of subsurface conditions found that the bottom of the basin is unconsolidated and contained voids of varying sizes. The concern with using pilings was that helical structures drilled into the bottom of the basin (at varying unknown depths) could indirectly impact (potentially drain) wetland hydrology. Therefore, a plan that uses posts/piling within the interior of the bog which is underlain by unconsolidated material was rejected.

Two 12-ft long sections of the new boardwalk will be supported by posts with feet place on the ground surface. These sections will be located above mineral/firm soils along the east wetland edge where the boardwalk transitions from upland to wetland. By WCA 8420.0111 DEFINITIONS. Subp. 26. - Fill does not include posts and pilings for linear projects such as bridges, elevated walkways, or powerline structures, or structures traditionally built on pilings such as docks and boathouses.

The proposed work will be completed by Green Corps volunteers and Minneapolis parks workers under supervision by Minneapolis Park Board staff. Calculations comparing fill associated with the existing boardwalk and the replacement boardwalk are provided below.

Existing

Length of Original Boardwalk (incl. bump outs) = 800 feet Boardwalk Width = 40 inches Subtotal Area = 2,667 sq. ft.

Spur to North Length = 22 feet Wood Plank Width = 10 inches Subtotal Area = 18 sq. ft.

Total Area = 2,685 sq. ft.

Proposed

Total Floats = 160 Float Area = 12 sq. ft. Total Area = 1,920 sq. ft.

Net Area Change = 765 sq. ft. decrease

Newly Disturbed Bog Material

Southeast Spur Connection = 7 Floats = 84 sq. ft. West Viewing Area = 2 Floats = 24 sq. ft. Spur to North = 4 Floats = 48 sq. ft. (minus 18 sq. ft. of existing wood planks) Subtotal Area = 138 sq. ft.

Added Area based on Wider Boardwalk = 160 Floats - 13 Floats (total from above) X 2.0 sq. ft. = 294 sq. ft.

Total Area of Newly Disturbed Bog Material = 138 + 294 = 432 sq. ft.

Net increase/decrease in fill with proposed plan (765 – 432) = -333 sf (net decrease of 333 sf)

^{*}The data and calculations listed above are approximations.

In Summary, replacement of the existing boardwalk will result in temporary impacts to the wetland; however, with the new boardwalk design/materials, less wetland fill will be present and wetland vegetation that was previously covered will be exposed to air and light allowing for natural vegetation re-establishment. Additionally, this design with rails will prevent visitors from stepping off the boardwalk, thereby protecting the structure and integrity of the bog substrate and vegetation. This application requests No Loss Approval from the WCA LGU (City of Minneapolis) for the proposed project will provide public value to both the resource and users/visitors.

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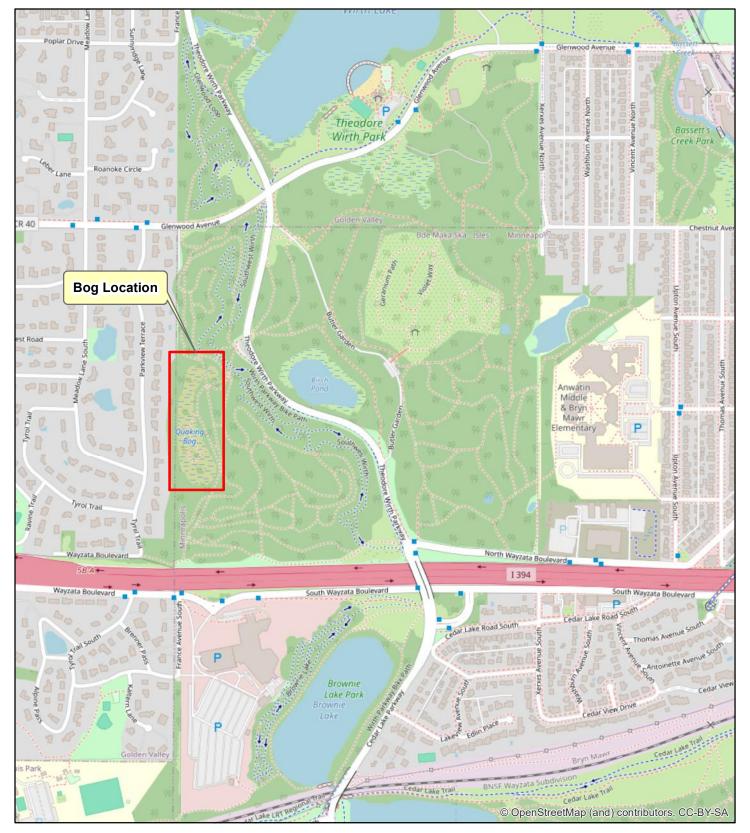
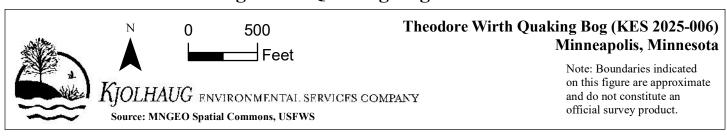


Figure 1 - Quaking Bog Location



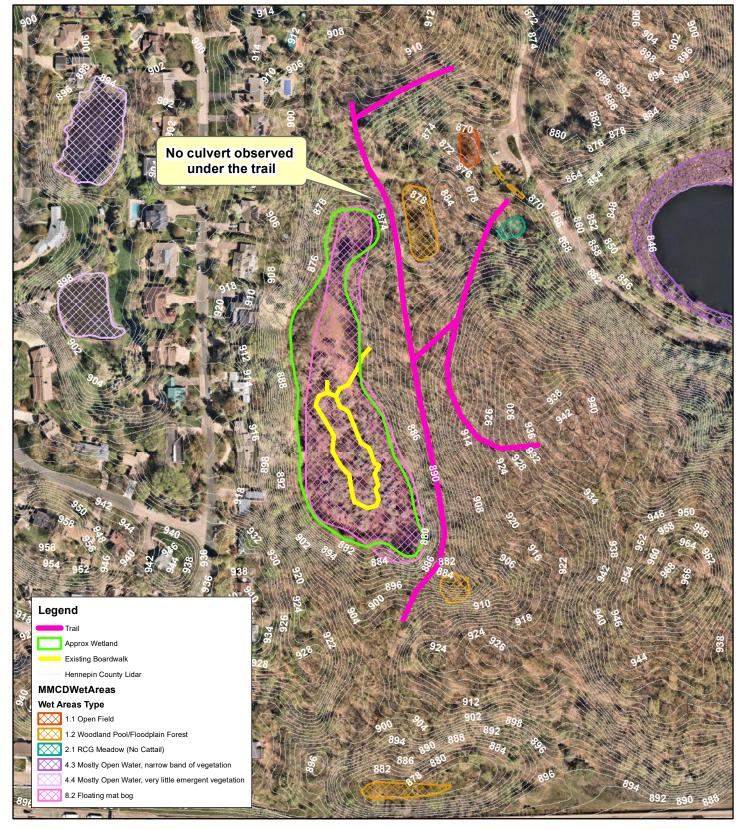
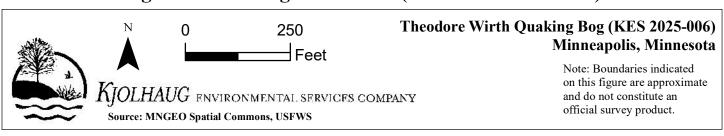


Figure 2 - Existing Conditions (2024 Henn Co Photo)



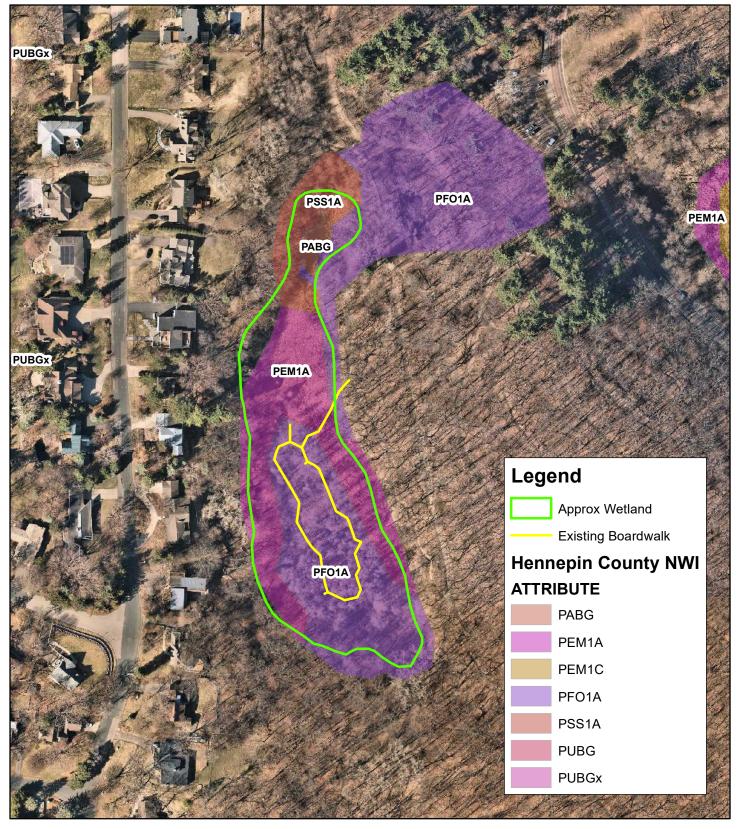
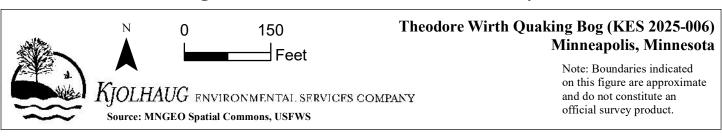


Figure 3 - National Wetlands Inventory



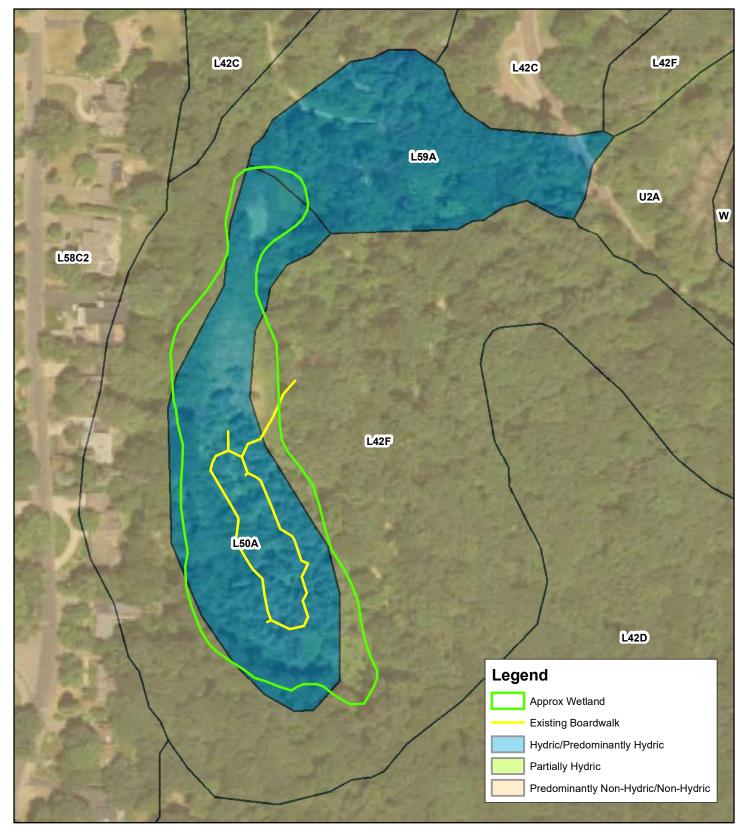
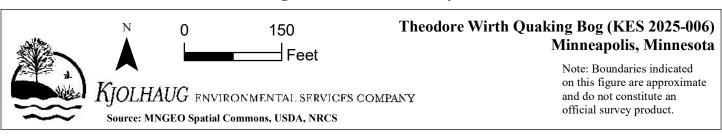


Figure 4 - Soil Survey



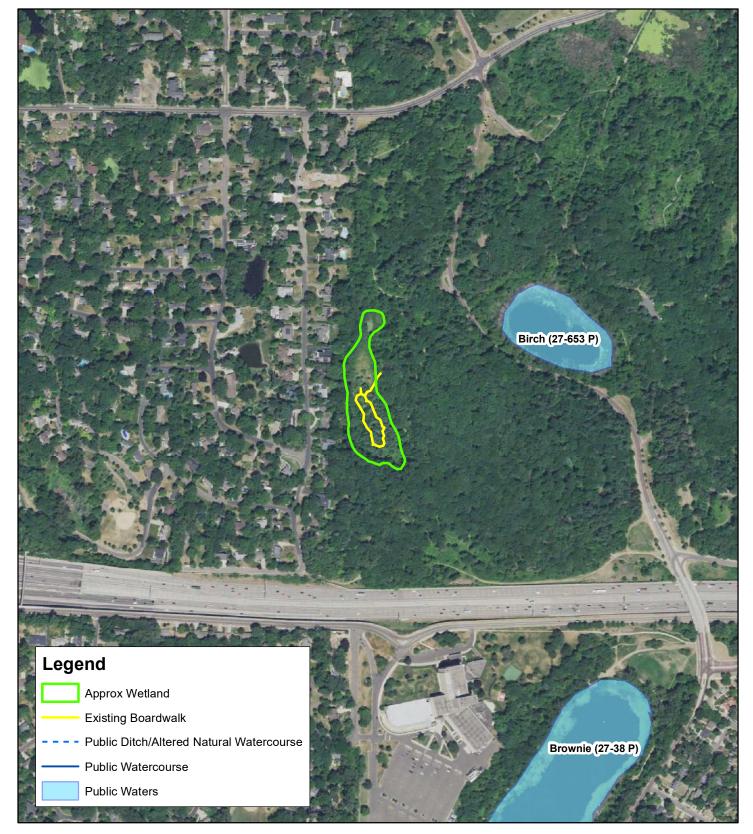


Figure 5 - DNR Public Waters Inventory



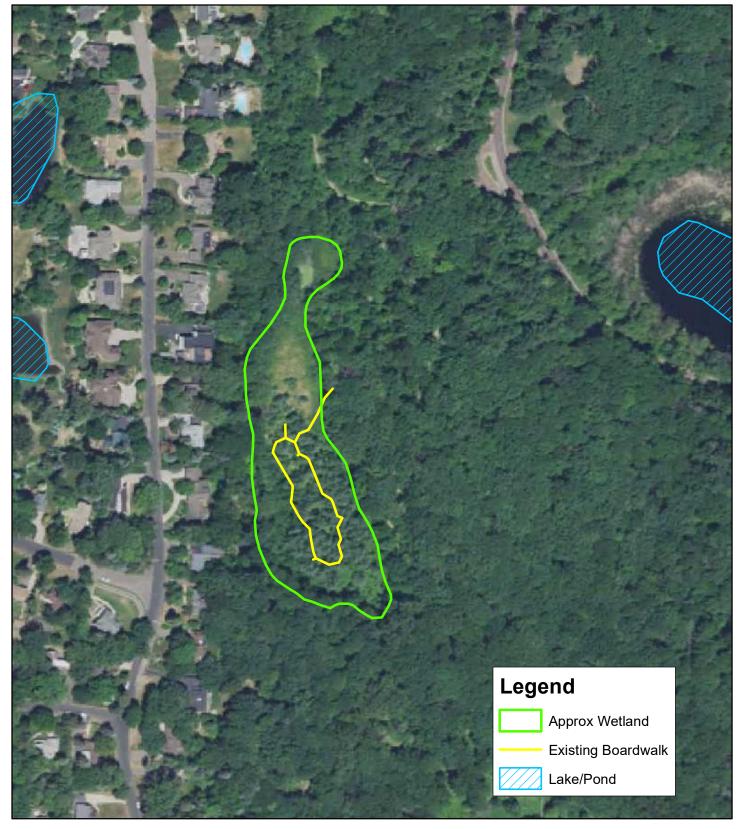
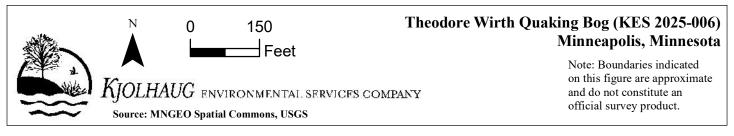


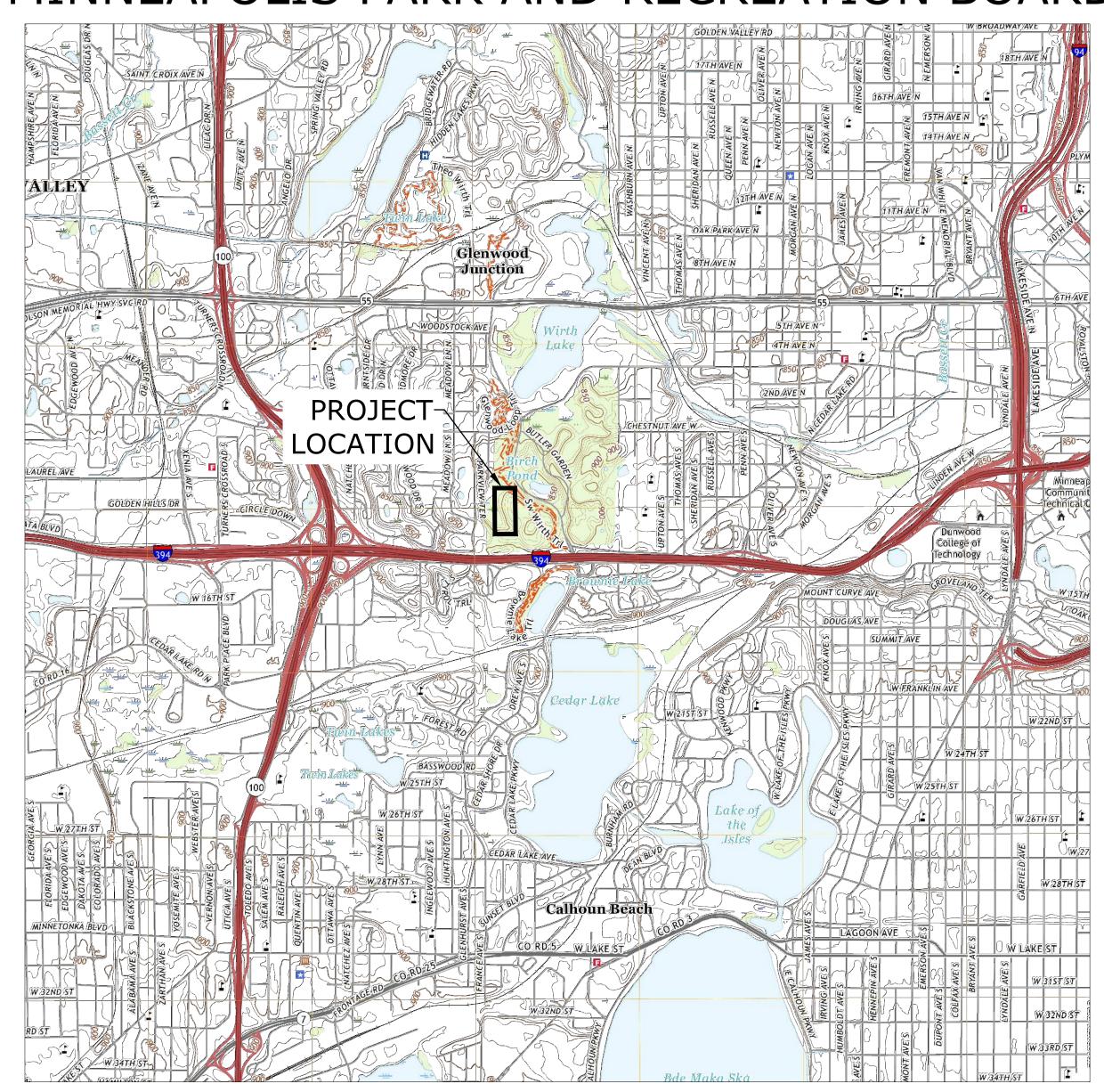
Figure 6 - National Hydrography Dataset



QUAKING BOG BOARDWALK REPLACEMENT

PREPARED FOR:

MINNEAPOLIS PARK AND RECREATION BOARD



SHEET INDEX

COVER SHEET SITE ACCESS PLAN

CONSTRUCTION PLAN
DETAILS

LOCATION MAP



GOPHER STATE

1-800-252-1166

Minnesota

CALL BEFORE YOU DIG!

MINNEAPOLIS PARK AND RECREATION BOARD (MPRB)

2117 WEST RIVER ROAD MINNEAPOLIS, MN 55411

CAROL HEJLSTONE (612) 230-6454

PROJECT LOCATION:

THEODORE WIRTH PKWY MINNEAPOLIS, MN 55411

QUAKING BOG

MPRB PROJECT REPRESENTATIVE:

PHEJLSTONE@MINNEAPOLISPARKS.ORG

Engineering · Surveying Landscape Architecture

HANSEN THORP PELLINEN OLSON, Inc. 7510 Market Place Drive • Eden Prairie MN 55344

952-829-0700 • 952-829-7806 fax

PROJECT NO. 24-010.1

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

LIC. NO. <u>49990</u> DATE: <u>XX-XX-24</u>

PRELIMINARY - NOT FOR CONSTRUCTION

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DJS

REVIEW SUBMITTAL

12-23-24

prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

ADAM PAWELK, PE LIC. NO. <u>49990</u> DATE: <u>xx-xx-24</u> Engineering · Surveying Landscape Architecture

HANSEN THORP PELLINEN OLSON, Inc. 7510 Market Place Drive • Eden Prairie, MN 55344 952-829-0700 • 952-829-7806 fax PROJECT NO. 24-010.1

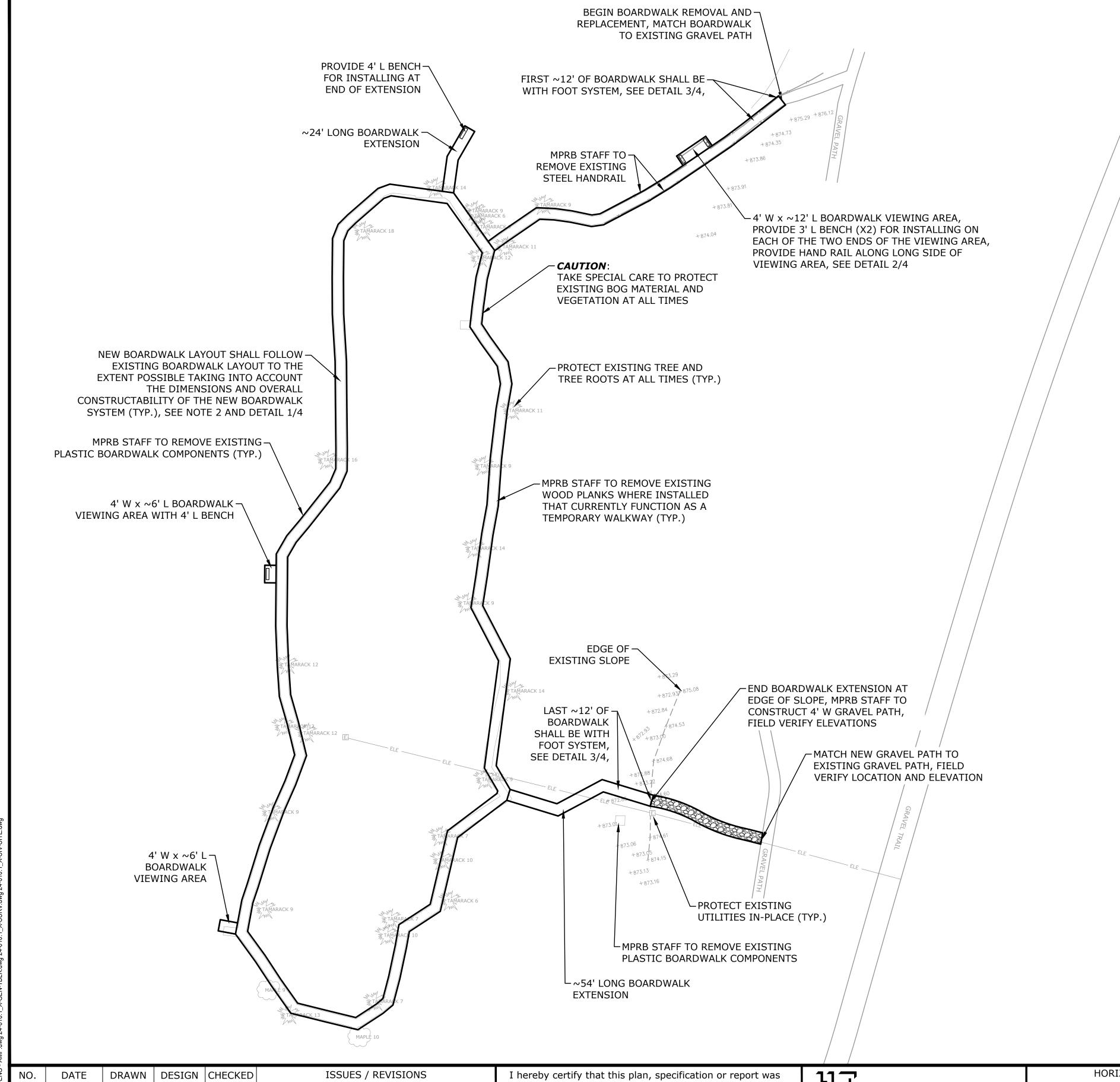


SITE ACCESS PLAN

QUAKING BOG BOARDWALK REPLACEMENT

THEODORE WIRTH PKWY, MINNEAPOLIS, MN 55411

SHEET OF



NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
- 2. BOARDWALK SUPPLIER SHALL REVIEW THE SITE AS NEEDED TO ASSIST WITH DEVELOPING THE FINAL DESIGN AND LAYOUT. VERIFY FINAL LAYOUT OF BOARDWALK, INCLUDING LOCATIONS OF VIEWING AREAS AND BENCHES WITH MPRB STAFF PRIOR TO MANUFACTURING BOARDWALK, SEE DETAIL 1/4.
- 3. BOARDWALK SUPPLIER SHALL COORDINATE DELIVERY OF BOARDWALK SYSTEM WITH MPRB STAFF.
- 4. MPRB STAFF TO DETERMINE LOCATION OF EXISTING PUBLIC AND PRIVATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PRESERVING THESE. ANY REPAIRS NECESSARY DUE TO CONTRACTORS OPERATIONS SHALL BE MADE AT CONTRACTORS EXPENSE. BEFORE DIGGING CALL: GOPHER STATE ONE CALL (651) 454-0002.
- 5. MPRB STAFF TO MAINTAIN EXISTING SURFACE DRAINAGE AT ALL TIMES DURING CONSTRUCTION.
- 6. MPRB STAFF TO PROVIDE SAFETY MEASURES TO SAFEGUARD VEHICLE AND PEDESTRIAN TRAFFIC IN ACCORDANCE WITH THE SPECIFICATIONS AND THE MN MUTCD MANUAL.
- 7. MPRB STAFF TO PROTECT ALL SITE FEATURES IN-PLACE, INCLUDING TREES AND VEGETATION, UNLESS DESIGNATED FOR REMOVAL.

PRELIMINARY - NOT FOR CONSTRUCTION



2024 ENG	NO.	DATE	DRAWN	DESIGN	CHECKED	ISSUES / REVISIONS	I hereby certify that this plan, specification
DATE/TIME: Dec 23, 2024 welk XREF(s): CERT-ENG	1	10-11-24	AMP	DJS	AMP	REVIEW SUBMITTAL	prepared by me or under my direct supervise am a duly Licensed Professional Engineer un
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by me or under my direct supervision and that I Licensed Professional Engineer under the laws ite of Minnesota.

Engineering · Surveying Landscape Architecture

HANSEN THORP PELLINEN OLSON, Inc. 7510 Market Place Drive • Eden Prairie, MN 55344 952-829-0700 • 952-829-7806 fax PROJECT NO. 24-010.1



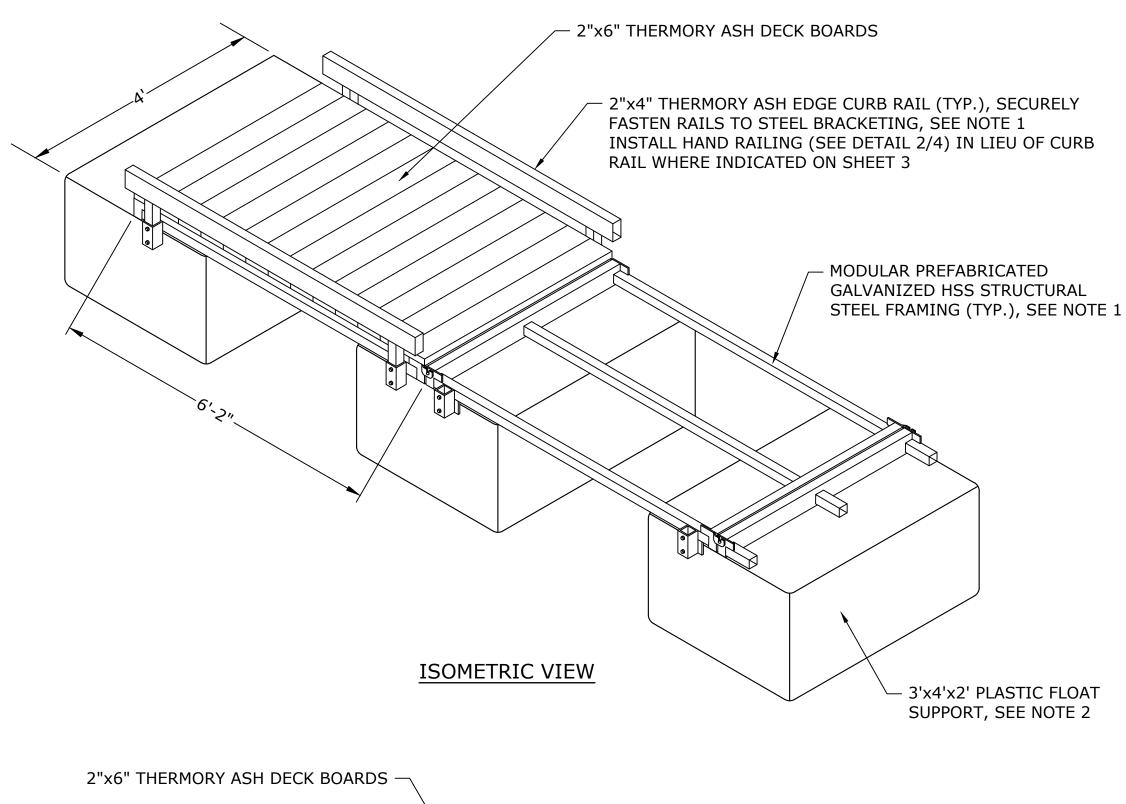
Park & Recreation Board

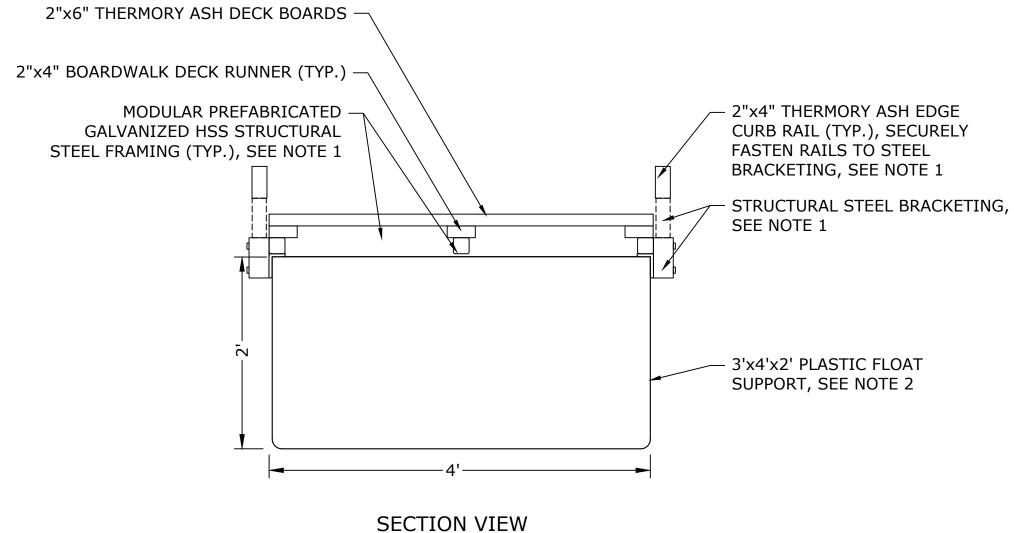
CONSTRUCTION PLAN

SHEET

QUAKING BOG BOARDWALK REPLACEMENT THEODORE WIRTH PKWY, MINNEAPOLIS, MN 55411

OF



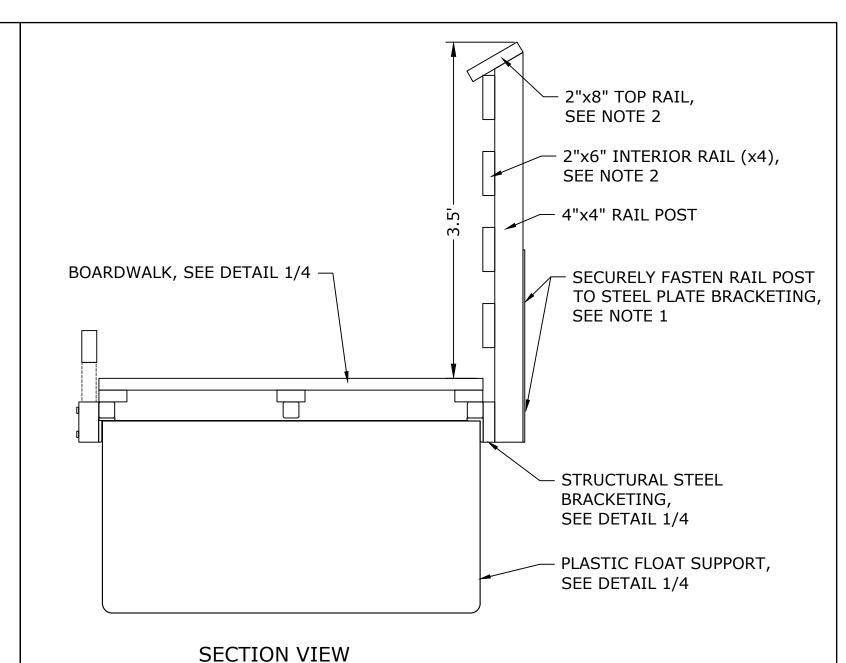


- 1. SUBMIT FULL DESIGN OF BOARDWALK SYSTEM FOR APPROVAL PRIOR TO MANUFACTURING. DESIGN SHALL BE CERTIFIED BY A LICENSED ENGINEER. STRUCTURAL STEEL FRAMING SHALL BE DESIGNED TO SUPPORT 100 LBS/SQ FT PEDESTRIAN LOAD.
- 2. FLOATS SHALL BE DESIGNED TO SUPPORT 1,550 LBS EACH. SECURELY FASTEN STEEL FRAMING TO FLOATS.
- 3. BOARDWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



BOARDWALK TYPICAL SECTION

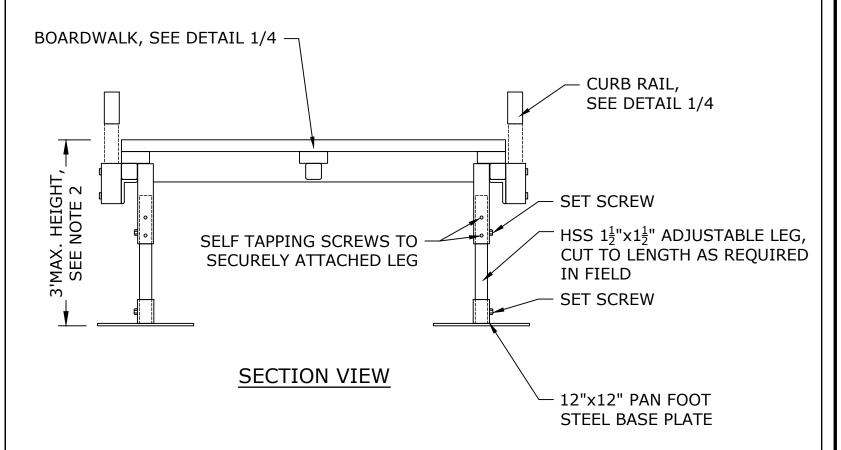
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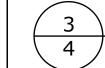
- 1. SUBMIT FULL DESIGN OF BOARDWALK SYSTEM FOR APPROVAL PRIOR TO CONSTRUCTION. DESIGN SHALL BE CERTIFIED BY A LICENSED ENGINEER.
- 2. WOOD RAILING BOARDS SHALL BE SECURELY FASTENED WITH DECK SCREWS.
- 3. INSTALL HAND RAILING IN LIEU OF CURB RAIL WHERE INDICATED ON SHEET 3.



NOT TO SCALE



- 1. SUBMIT FULL DESIGN OF BOARDWALK SYSTEM FOR APPROVAL PRIOR TO CONSTRUCTION. DESIGN SHALL BE CERTIFIED BY A LICENSED ENGINEER.
- 2. IF HEIGHT EXCEEDS 3', PROVIDE STEEL BRACING SUPPORT.



BOARDWALK SECTION WITH FOOT SYSTEM

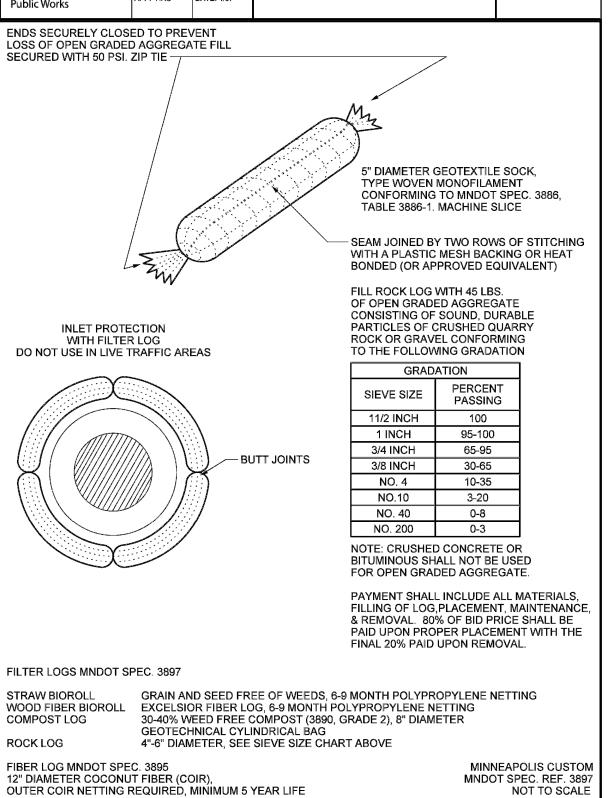
NOT TO SCALE

EROSION AND SEDIMENT CONTROL NOTES

- INSTALL PERIMETER EROSION CONTROLS AS INDICATED IN PLANS PRIOR TO START OF WORK. HAY BALES ARE NOT ALLOWED AS EROSION & SEDIMENT CONTROL DEVICE IN MINNEAPOLIS.
- ESTABLISH RESERT CONSTRUCTION ENTRANCES PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES. INSTALL CONSTRUCTION ENTRANCE MATS, SEE SPECIFICATIONS
- REMOVE ALL SOILS AND SEDIMENTS DEPOSITED ONTO PUBLIC AND/OR PRIVATE PAVEMENT AREAS WITHIN 24 HOURS OF DEPOSITION. REMOVAL OF TRACKING MATERIALS SHALL BE COMPLETED AT THE END OF EACH WORK DAY WHEN TRACKING OCCURS. SWEEPING MAY BE ORDERED AT ANY TIME IF CONDITIONS WARRANT. SWEEPING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION AND IN SUCH A MANNER TO PREVENT DUST BEING BLOWN TO ADJACENT PROPERTIES.
- INSTALL INLET PROTECTION IN ALL DOWNSTREAM CATCH BASINS WHICH RECEIVE RUNOFF FROM THE DISTURBED AREA. CATCH BASIN INSERTS ARE REQUIRED AT ALL LOCATIONS NOT WITHIN THE DISTURBED AREA WHICH RECEIVE RUNOFF (MNDOT TYPE C INLET PROTECTION). NOTE HAY BALES AND SILT FENCE WRAPPED GRATES ARE NOT EFFECTIVE AND ARE NOT APPROVED FOR USE AS INLET PROTECTION
- LOCATE ALL SOIL AND DIRT PILES NO LESS THAN 25 FEET FROM ANY PUBLIC OR PRIVATE ROADWAY OR DRAINAGE CHANNEL. ALL STOCK PILES THAT REMAIN IN PLACE FOR 7 DAYS OR MORE SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPING OR OTHER MEANS. TEMPORARY STOCK PILES LOCATED ON PAVED SURFACES MUST BE AT LEAST 2 FEET OR MORE AWAY FROM THE DRAINAGE/GUTTER LINE AND SHALL BE COVERED IF REMAINING MORE THAN 24 HOURS.
- . MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES IN PLACE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED. INSPECT TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ON A WEEKLY BASIS AND REPLACE DETERIORATED, DAMAGED OR ROTTED EROSION CONTROL DEVICES
- MAINTENANCE OF EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PERFORMED WHENEVER THE DEVICE IS 30% FULL, FAILURE TO MAINTAIN EROSION CONTROL DEVICES MAY LEAD TO FURTHER ENFORCEMENT ACTION. WEEKLY INSPECTIONS REQUIRED AND AFTER EACH 1/2" OR MORE RAIN EVENT
- 8. READY MIXED CONCRETE AND BATCH PLANT WASHOUTS PROHIBITED WITHIN THE PUBLIC RIGHT OF WAY, DESIGNATE CONCRETE WASHOUT AND MIXING LOCATIONS IN THE EROSION CONTROL PLANS. UNDER NO CIRCUMSTANCES MAY WASHOUT WATER DRAIN ONTO THE PUBLIC RIGHT OF WAY OR INTO THE PUBLIC
- TEMPORARILY OR PERMANENTLY STABILIZE ALL DENUDED AREAS WHICH HAVE BEEN FINISH GRADED WITHIN 7 DAYS (SLOPE DEPENDENT). USE SEEDING AND MULCHING, EROSION CONTROL MATTING AND/OR SODDING WITH TEMPORARY STAKING IN GREEN SPACE AREAS. USE EARLY APPLICATION OF GRAVEL BASE FOR AREAS DESIGNATED FOR PAVED SURFACING.
- 10. REMOVE ALL TEMPORARY SYNTHETIC, STRUCTURAL AND NON-BIODEGRADABLE EROSION AND SEDIMENT CONTROL AFTER THE SITE HAS UNDERGONE FINAL STABILIZATION AND PERMANENT VEGETATION HAS BEEN ESTABLISHED, MINIMUM VEGETATION COVER OF 70% REQUIRED, ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED UNTIL THE SITE HAS 70% ESTABLISHED VEGETATIVE COVER AND ALL PAVED AREAS HAVE BEEN STABILIZED WITH THE SELECTED PAVEMENT TYPE.
- 1.ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY OTHER PERMITTING AGENCIES. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER TO VERIFY THAT THE CITY AND ALL OTHER AGENCY

MINNEAPOLIS CUSTOM MNDOT SPEC. REF. 2573 NOT TO SCALE

STANDARD PLATE EROSION CONTROL NOTES Minneapolis SEWR-8007



FIBER LOG MNDOT SPEC. 3895 12" DIAMETER COCONUT FIBER (COIR), OUTER COIR NETTING REQUIRED, MINIMUM 5 YEAR LIFE

PRELIMINARY - NOT FOR CONSTRUCTION

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hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

ADAM PAWELK, PE LIC. NO. <u>49990</u> DATE: <u>xx-xx-24</u>

 ■ Engineering • Surveying Pandscape Architecture

HANSEN THORP PELLINEN OLSON, Inc. 7510 Market Place Drive • Eden Prairie, MN 55344 952-829-0700 • 952-829-7806 fax PROJECT NO. 24-010.1

QUAKING BOG BOARDWALK REPLACEMENT

DETAILS

THEODORE WIRTH PKWY, MINNEAPOLIS, MN 55411

SEDIMENT CONTROL -- FILTER LOG

SHEET



Minnesota Wetland Conservation Act Notice of Application

Local Government Unit: City of Plymouth County: Hennepin						
Applicant Name: City of Plymouth c/o Jennifer Tomlinson						
Applicant Representative: Bolton & Menk, Inc. c/o Chad Ponce						
Project Name: PIC Parking Lot & Trail Improvements						
LGU Project No. (if any): 2025-02						
Date Complete Application Received by LGU: 1/7/2025						
Date this Notice was Sent by LGU: 2/24/2025						
Date that Comments on this Application Must Be Received By LGU¹: 3/17/2025						
¹ minimum 15 business day comment period for Boundary & Type, Sequencing, Replacement Plan and Bank Plan Applications						
WCA Decision Type - check all that apply						
☐ Wetland Boundary/Type ☐ Sequencing ☒ Replacement Plan ☐ Bank Plan (not credit purchase)						
□ No-Loss (8420.0415) □ Exemption (8420.0420)						
Part: □ A □ B □ C □ D □ E □ F □ G □ H Subpart: □ 2 □ 3 □ 4 □ 5 □ 6 □ 7 □ 8 □ 9						
7 dr						
Replacement Plan Impacts (replacement plan decisions only)						
Total WCA Impact Area Proposed:						
Application Materials						
¹ Link to ftp or other accessible file sharing sites is acceptable.						
Link to the of other accessible file sharing sites is acceptable.						
Comments on this application should be sent to:						
LGU Contact Person: Ben Scharenbroich, Water Resources Supervisor						
E-Mail Address: bscharenbroich@plymouthmn.gov						
Address and Phone Number: 3400 Plymouth Blvd, Plymouth, MN 55447						
Decision-Maker for this Application:						
☐ Staff ☐ Governing Board/Council ☐ Other (specify):						
Notice Distribution (include name)						
Required on all notices:						
SWCD TEP Member: Stacey Lijewski, HCA, 701 Fourth Avenue South, Suite 700, Minneapolis, MN 55415-1600						
BWSR TEP Member: Jed Chesnut, BWSR, 520 Lafayette Road North, St. Paul, MN 55401						
☐ LGU TEP Member (if different than LGU contact):						
☑ DNR Representative: Wes Saunders-Pearce, MnDNR, 1200 Warner Road, St. Paul, MN 55106						
Watershed District or Watershed Mgmt. Org.: BCWMC, PO Box 270825, Golden Valley MN 55427 Note: The state of the						
Applicant (notice only): Jennifer Tomlinson & Sonya Rippe, 14900 23rd Avenue North, Plymouth MN 55447						
☐ Agent/Consultant (notice only): Chad Ponce, 116 N Markley St, Suite 101, Greenville, SC 29601						
Optional or As Applicable:						
☐ Corps of Engineers: US Army Corps of Engineers, St Paul District						
□ BWSR Wetland Mitigation Coordinator (required for bank plan applications only):						
☐ Members of the Public (notice only): ☐ Other:						
The members of the fability (notice only).						

Signature:	Date:
Ben Schambaskil	2/24/2025

This notice and accompanying application materials may be sent electronically or by mail. The LGU may opt to send a summary of the application to members of the public upon request per 8420.0255, Subp. 3.