

ADDENDUM NUMBER #1

<u>PROJECT</u>	<u>BIDS DUE</u>
Village of Elk Rapids Rotary Park Improvements GFA Project No: 19347	Date: February 21, 2024 Time: 9:00 AM Location: Village of Elk Rapids

The Addendum is issued prior to the receipt of bid proposals to provide clarifications on the following items. Bidders shall acknowledge receipt of this addendum by means of acknowledging on Page 1 of the Bid Form (EJCDC C-410).

GENERAL

1. Brick Pavers Clarification:

There are approximately 20-25 brick pavers to be installed with this project that are required to be engraved with Donor Names as provided by Paddle Antrim. Contractor is responsible to purchase, engraving, and installation with color, style and selection coordinated with Paddle Antrim. There are no existing brick pavers to be engraved, all engraving to be completed on proposed pavers and all existing brick pavers are to remain in place.

2. EGLE Part 301, Inland Lakes and Streams Notice of Authorization for stump removal is included in this addendum for reference

3. Contract Completion Time:

The Contractor is responsible for completing the project within the timelines noted in EJCDC C520 Contract provided in the bid documents. However it is understood that final completion is subject to material availability. If manufacturing and/or delivery of supplies delays are encountered, the Village is willing to provide a reasonable time extension to accommodate as negotiated with the contractor after award of the project. Documentation from manufacturer to substantiate will be required.



NOTICE OF AUTHORIZATION

Permit Number: WRP030049 v. 1

Site Name: 05-Elk Rapids Rotary Park-Elk Rapids

Date Issued: August 3, 2021

Expiration Date: August 3, 2026

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, P.O. Box 30458, Lansing, Michigan 48909-7958, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, specifically:

- Part 31, Floodplain Regulatory Authority of the Water Resources Protection.
- Part 301, Inland Lakes and Streams.
- Part 303, Wetlands Protection.
- Part 315, Dam Safety.
- Part 323, Shorelands Protection and Management.
- Part 325, Great Lakes Submerged Lands.
- Part 353, Sand Dunes Protection and Management.

Authorized activity:

Remove by winch 10 stumps and loose woody debris from a 15-foot-wide by 520-foot-long access channel to Elk Lake. Construct a permanent, floating, handicap-accessible kayak launch dock extending approximately 63 feet by 21 feet wide.

All work to be completed in accordance with the attached approved plans and the specifications of this permit.

Waterbody Affected: Elk Lake
Property Location: Antrim County, Village of Elk Rapids
Town/Range/Section 29N09W21
Property Tax No. 05-43-021-094-00

Permittee:
Village of Elk Rapids
P.O. Box 398
Elk Rapids, MI 49629

Keri Kent
Gaylord District Office
Water Resources Division
989-619-2443

*This notice must be displayed at the site of work.
Laminating this notice or utilizing sheet protectors is recommended.*
Please refer to the above permit number with any questions or concerns.

**EGLE-WRD
WRP030049 v1.0
Approved
Issued On:08/03/2021
Expires On:08/03/2026**



**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
WATER RESOURCES DIVISION
PERMIT**

Issued To:

**Village of Elk Rapids
P.O. Box 398
Elk Rapids, MI 49629**

**Permit No: WRP030049 v.1
Submission No.: HP7-5CA7-JDP5R
Site Name: 05-Elk Rapids Rotary Park-Elk Rapids
Issued: August 3, 2021
Expires: August 3, 2026**

This permit is being issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Part 301, Inland Lakes and Streams | <input type="checkbox"/> Part 323, Shorelands Protection and Management |
| <input type="checkbox"/> Part 303, Wetlands Protection | <input type="checkbox"/> Part 325, Great Lakes Submerged Lands |
| <input type="checkbox"/> Part 315, Dam Safety | <input type="checkbox"/> Part 353, Sand Dunes Protection and Management |
| <input type="checkbox"/> Part 31, Water Resources Protection (Floodplain Regulatory Authority) | |

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

Authorized Activity:

Remove by winch 10 stumps and loose woody debris from a 15-foot-wide by 520-foot-long access channel to Elk Lake. Construct a permanent, floating, handicap-accessible kayak launch dock extending approximately 63 feet by 21 feet wide.

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Property Tax No. 05-43-021-094-00**

**EGLE-WRD
WRP030049 v1.0
Approved
Issued On:08/03/2021
Expires On:08/03/2026**

Authority granted by this permit is subject to the following limitations:

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify EGLE within one week after the completion of the activity authorized by this permit by completing and forwarding the attached preaddressed postcard to the office addressed thereon.
- J. This permit shall not be assigned or transferred without the written approval of EGLE.
- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- M. In issuing this permit, EGLE has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, EGLE may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- N. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- O. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, EGLE may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- P. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from EGLE. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by EGLE prior to being implemented.
- Q. This permit may be transferred to another person upon written approval of EGLE. The permittee must submit a written request to EGLE to transfer the permit to the new owner. The new owner must also submit a written request to EGLE to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all the above information may be provided to EGLE. EGLE will review the request and, if approved, will provide written notification to the new owner.

- R. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.
- S. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- T. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- U. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- V. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- W. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- X. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.
- Y. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
1. Authority granted by this permit does not waive permit or program requirements under Part 91 of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit www.mi.gov/eglestormwater and select "Soil Erosion and Sedimentation Control Program" under "Related Links."
 2. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
 3. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
 4. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
 5. The permit placard shall be kept posted at the work site in a prominent location at all times for the duration of the project or until permit expiration.
 6. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by EGLE, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.
 7. Dock(s) or pier(s) shall be of open construction without fill, maintaining free water movement and circulation.

8. Additional attachments to permitted structures, including but not limited to roofs, sidewalls, handrails, benches, decks, docks, piers, or extensions thereof, are not authorized by this permit.
9. Prior to commencement of any dredging authorized by this permit, the entire dredged area shall be enclosed with a turbidity curtain to prevent off-site siltation. The turbidity curtain shall be installed to extend from the bed of the waterbody to a point above the existing water's surface. The turbidity curtain shall be maintained for the duration of the project and shall be left in place after completion of dredging until all disturbed sediments have settled.
10. The permittee is cautioned that excessive dredging resulting in the impairment of the structural integrity of seawalls on neighboring riparian properties is subject to civil damage litigation.
11. All dredge/excavated spoils including organic and inorganic soils, vegetation, and other material removed shall be placed on upland (non-wetland, non-floodplain, or non-bottomland), prepared for stabilization, and stabilized with sod and/or seed and mulch in such a manner to prevent and ensure against erosion of any material into any waterbody, wetland, or floodplain.
12. Placement of dredge/excavated material into open water, onto ice, or onto exposed bottomland is not authorized by this permit.
13. Filling is not authorized by this permit.

Issued By:

Keri Kent
Gaylord District Office
Water Resources Division
989-619-2443

cc: Village of Elk Rapids Clerk
Antrim County Clerk
Heidi Shaffer, Antrim CEA
Shane Gamrat, Gourdie-Fraser

PLANS PREPARED FOR: PADDLE ANTRIM VILLAGE OF ELK RAPIDS ROTARY PARK KAYAK LAUNCH

CLIENT / AGENCY

PADDLE ANTRIM
DEANA JERDEE, EXECUTIVE DIRECTOR
PO BOX 323, 212 RIVER STREET
ELK RAPIDS, MI 49629
231-492-0171

ENGINEER

ENGINEERING
SURVEYING
TESTING & OPERATIONS

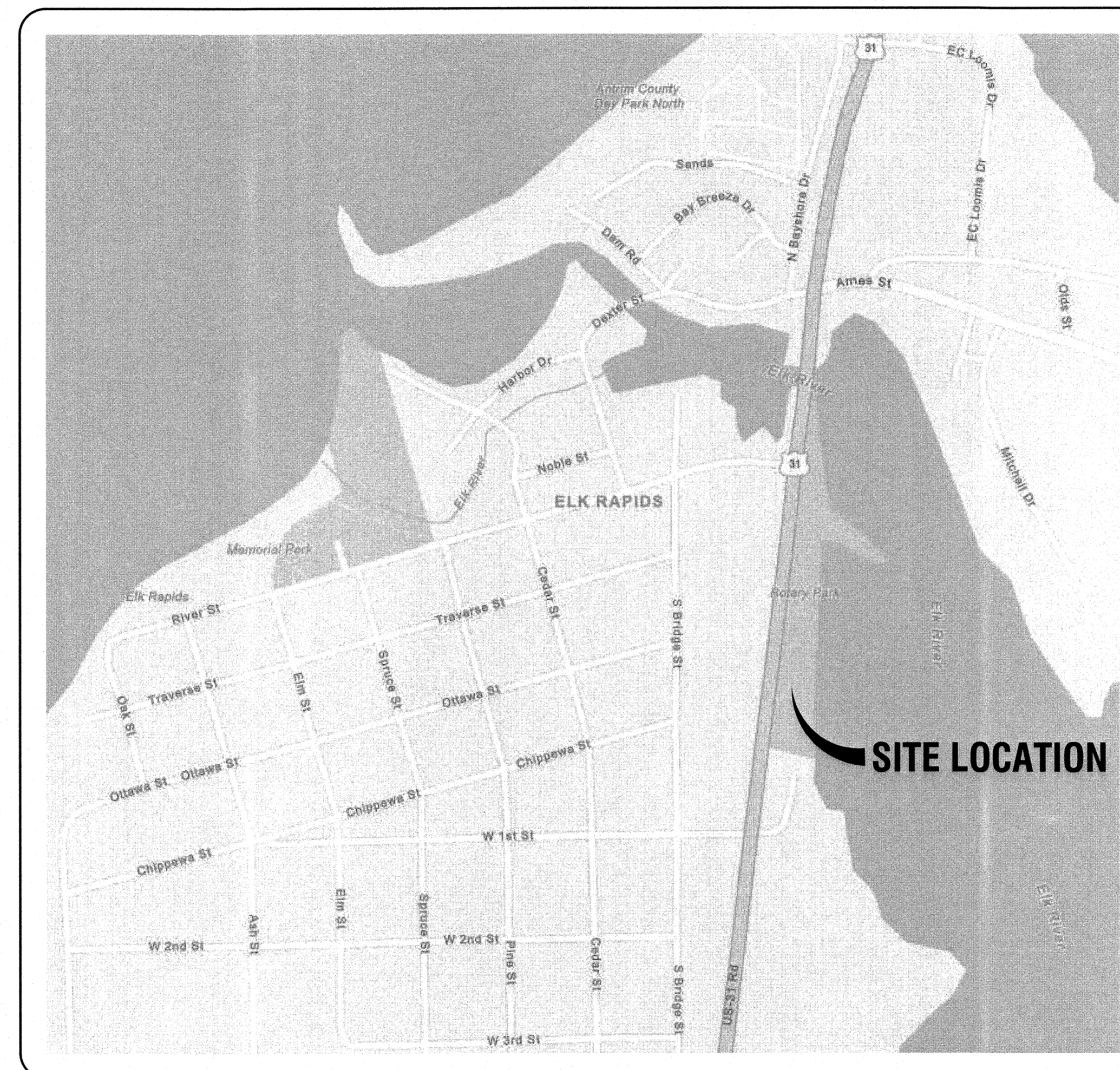
123 West Front Street
Traverse City, MI 49684



<http://gfa.tc>

231.946.5874 (p)

231.946.3703 (f)



LOCATION MAP

VILLAGE OF ELK RAPIDS, ANTRIM COUNTY, MICHIGAN
NOT TO SCALE

PUBLIC AGENCIES AND UTILITIES

PUBLIC AGENCIES

VILLAGE OF ELK RAPIDS
Telephone: 231.264.9274

VILLAGE OF ELK RAPIDS PUBLIC WORKS
Telephone: 231.264.9274

ANTRIM COUNTY ROAD COMMISSION
Telephone: 231.587.8521

ANTRIM COUNTY DRAIN COMMISSION
Telephone: 231.533.6265

MICHIGAN DEPARTMENT OF TRANSPORTATION (M.D.O.T.)
Telephone: 231.941.1986

UTILITY AGENCIES

AT&T
Telephone: 231.348.8010

CONSUMERS ENERGY
Telephone: 231.929.6242

CHARTER COMMUNICATIONS
Telephone: 231.929.7012

DTE
Telephone: 231.592.3244

EMERGENCY SERVICES

EMERGENCY CALLS
911

EMERGENCY AMBULANCE SERVICE
911

POLICE AGENCIES
EMERGENCY SERVICE: **911**
Elk Rapids Police: Telephone: 231.264.6592
Antrim County Sheriff: Telephone: 231.533.8627
Michigan State Police: Telephone: 231.946.4646

FIRE DEPARTMENTS
EMERGENCY SERVICE: **911**
Elk Rapids: Telephone: 231.264.5161

MISS DIG
Telephone: 1.800.482.7171



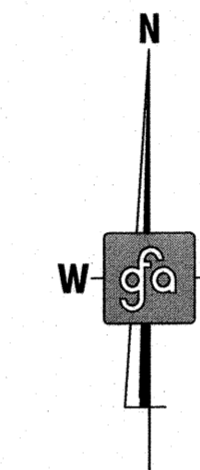
ISSUED: 3-11-2021

(FOR CONSTRUCTION)



SHEET INDEX

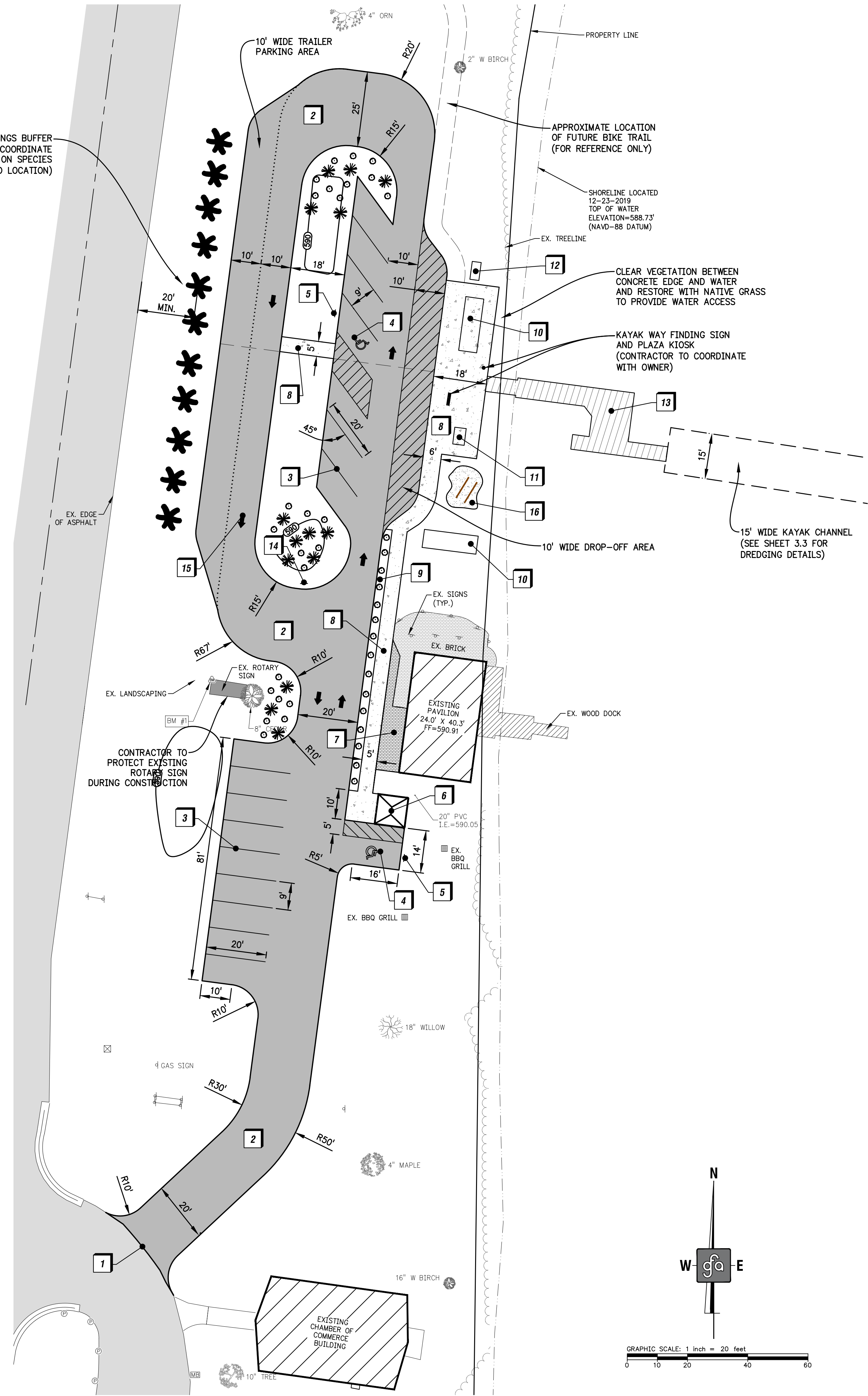
- 1.1 COVER SHEET
- 2.1 EXISTING CONDITIONS & DEMOLITION PLAN
- 2.2 EXISTING CONDITIONS
- 3.1 SITE PLAN
- 3.2 GRADING & UTILITY PLAN
- 3.3 DREDGING PLAN
- 4.1 DETAILS
- 4.2 DETAILS



PADDLE ANTRIM : VILLAGE OF ELK RAPIDS ROTARY PARK KAYAK LAUNCH

These documents are prepared in accordance with the contractual terms and conditions for this project.

TREE PLANTINGS BUFFER
(CONTRACTOR TO COORDINATE
WITH OWNER ON SPECIES
AND LOCATION)



Site Plan Legend

	Proposed Asphalt
	Proposed Concrete
	Proposed Dredging Channel
	Property Line
	Edge of Water
	Proposed Pavement Markings
	Proposed Miscellaneous Improvements
	Proposed Asphalt
	Proposed Concrete
	Proposed Kayak Launch
	Proposed Brick

General Notes

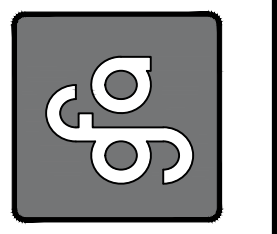
1. DEVELOPMENT OF THIS SITE SHALL BE IN ACCORDANCE WITH STATE, COUNTY AND TOWNSHIP REQUIREMENTS.
2. SITE LIGHTING SHALL MEET VILLAGE OF ELK RAPIDS REQUIREMENTS. LIGHTING SHALL BE CUTOFF VARIETY WITH DOWN-LIGHTING AND IS TO BE DIRECTED AWAY FROM ADJACENT ROADWAYS AND PROPERTIES.
3. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT IDENTIFIED TO BE IMPROVED SHALL BE RESTORED WITH TOP SOIL, NATIVE GRASS SEED, AND MULCH.
4. CONTRACTOR SHALL COORDINATE PLACEMENT OF KAYAK RACKS, PICNIC TABLES, BIKE RACKS, PAVEMENT MARKINGS, LANDSCAPING AND SIGNAGE WITH THE OWNER.

Construction Notes

- 1 MATCH EX. PAVEMENT WITH BUTT JOINT (SEE DETAIL 1 ON SHEET 4.1)
- 2 PAVING DETAIL (SEE DETAIL 2 ON SHEET 4.1)
- 3 4" PARKING STRIPING
- 4 ACCESSIBLE PARKING SYMBOL (SEE DETAIL 3 ON SHEET 4.1)
- 5 ACCESSIBLE PARKING SIGN (SEE DETAIL 4 ON SHEET 4.1)
- 6 HUFFCUTT LYNX RESTROOM (FULL HOOK-UP) (SEE DETAIL ON SHEET 4.2)
- 7 BRICK PAVERS (MATCH STYLE AND COLOR OF EXISTING PAVERS)
- 8 CONCRETE WALK DETAIL (SEE DETAIL 5 ON SHEET 4.1)
- 9 LANDSCAPED BUFFER (CONTRACTOR TO COORDINATE WITH OWNER)
- 10 KAYAK RACK (CONTRACTOR TO COORDINATE WITH OWNER)
- 11 ACCESSIBLE PICNIC TABLE (CONTRACTOR TO COORDINATE WITH OWNER)
- 12 BIKE RACK (CONTRACTOR TO COORDINATE WITH OWNER)
- 13 ACCESSIBLE KAYAK LAUNCH (SEE DETAIL ON SHEET 4.2)
- 14 ONE WAY SIGN (SEE DETAIL 6 ON SHEET 4.1)
- 15 DIRECTIONAL PAVEMENT MARKING ARROWS (SEE DETAIL 7 ON SHEET 4.1)
- 16 KAYAK WASH STATION (SEE DETAIL 8 ON SHEET 4.1)

EGLE-WRD
WRP030049 v1.0
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Issued On:08/03/2021
Expires On:08/03/2026

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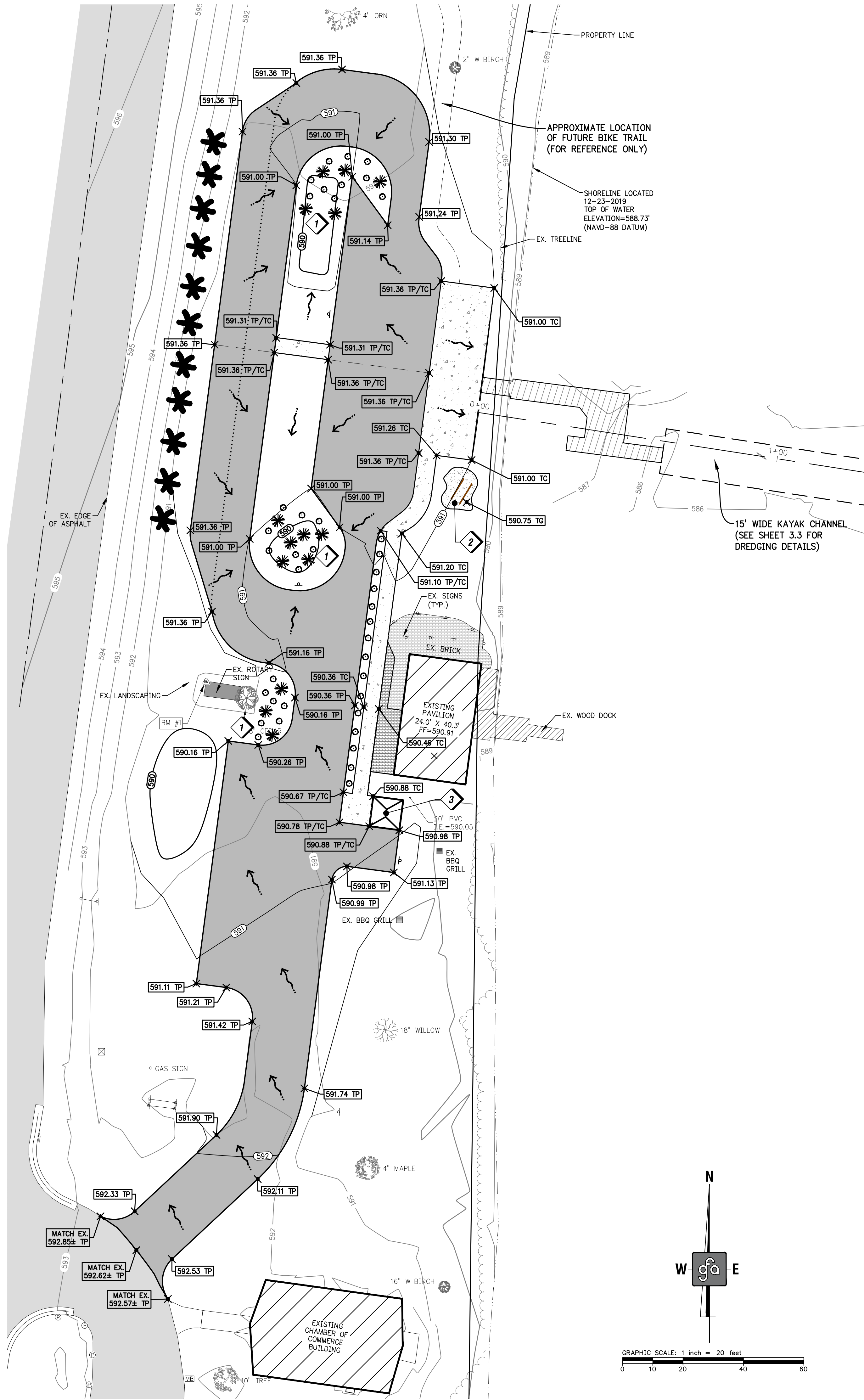


ENGINEERING
SURVEYING
TESTING & OPERATIONS
123 West Front Street
Traverse City, MI 49684

PADDLE ANTRIM
VILLAGE OF ELK RAPIDS ROTARY PARK KAYAK LAUNCH
SITE PLAN
SECTION 21, TOWN 29 NORTH, RANGE 09 WEST
VILLAGE OF ELK RAPIDS, ANTRIM COUNTY, MICHIGAN

19347
3.1

These documents are prepared in accordance with the contractual terms and conditions for this project.



Site Plan Legend

	Proposed Top of Gravel Elev.
	Proposed Ground Elev.
	Proposed Top of Asphalt Elev.
	Proposed Top of Concrete Elev.
	Proposed Major Contour
	Proposed Minor Contour
	Grading Breakline
	Proposed Water Service
	Proposed Asphalt
	Proposed Concrete
	Proposed Dredging Channel
	Property Line
	Edge of Water
	Proposed Asphalt
	Proposed Concrete
	Proposed Kayak Launch
	Proposed Brick
	Flow Direction

Construction Sequence Notes

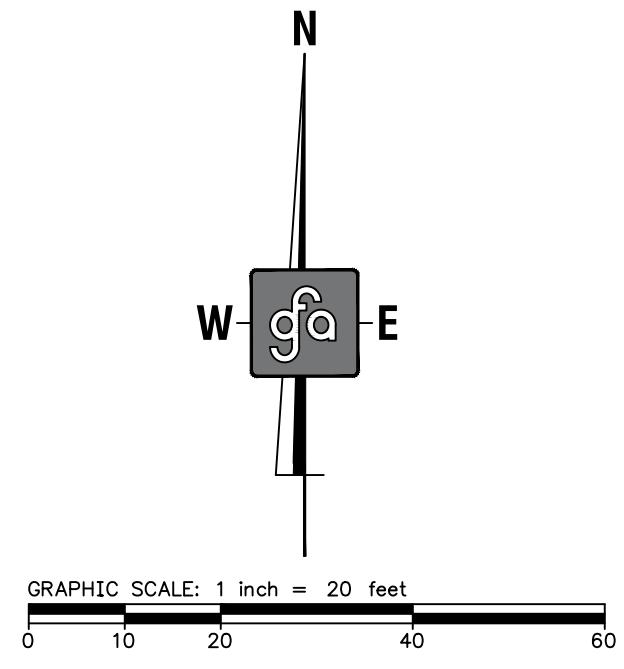
1. INSTALL TEMPORARY SESC CONTROL MEASURES PER REQUIREMENTS OF SESC PERMIT.
 2. CLEAR AND GRUB WITHIN CLEARING LIMITS.
 3. COMPLETE ASPHALT AND CONCRETE PLACEMENT.
 4. PLACE TOPSOIL, SEED, AND MULCH WITHIN GRADING LIMITS, AS REQUIRED, AND PLANT NATIVE PLANTINGS IN THE LOCATIONS IDENTIFIED ON THE PLANS.
 5. INSTALL MISCELLANEOUS SITE IMPROVEMENTS.
- NOTE: CONSTRUCTION SEQUENCE DETAILED ABOVE IS APPROXIMATED AND IS SUBJECT TO CHANGE BASE ON OWNER AND CONTRACTOR'S SCHEDULE.

Sheet Notes

1. ALL OTHER UTILITIES NOT SHOWN ON THE PLANS ARE TO BE COORDINATED BETWEEN THE OWNER AND THE APPROPRIATE UTILITY PROVIDER.
2. NATIVE PLANTINGS SHALL BE MAINTAINED AS REQUIRED TO PROMOTE HEALTHY VEGETATIVE AREAS.
3. DUE TO THE HIGH GROUND WATER TABLE ON THE PROJECT SITE, INFILTRATION PRACTICES SUCH AS RAIN GARDENS AND BIO-RETENTION AREAS CANNOT BE UTILIZED. NATIVE PLANTINGS AND NATIVE SANDY SOIL (HAVING A HIGH INFILTRATION RATE) ARE TO BE THE PRIMARY MEANS ON STORM WATER CONTROL AND INFILTRATION.
4. NO RECORD DRAWINGS SHOWING THE LOCATIONS OF THE EXISTING WATER AND SEWER SERVICES TO THE PARK COULD BE OBTAINED AT THE TIME OF THE DESIGN. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF ELK RAPIDS DPW AND PERFORM EXPLORATORY EXCAVATION TO LOCATE THE EXISTING SERVICES. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER PRIOR TO TAPPING THE SERVICES FOR ADDITIONAL CONNECTIONS.

Stormwater & Utility Notes

1. LANDSCAPED AREA WITH NATIVE GRASSES AND SHRUBS (AS IDENTIFIED BY TIP OF THE MITT WATERSHED COUNCIL) AND WOOD MULCH (CONTRACTOR TO COORDINATE WITH OWNER)
2. TAP EXISTING WATER SERVICE AND CONNECT 1/2" TYPE K COPPER WATER LINE TO SERVE WASH STATION (SEE SHEET NOTE 4)
3. TAP EXISTING WATER AND SEWER SERVICE AND COORDINATE WITH ELECTRICAL AND PLUMBING CONTRACTOR TO RESTROOM (SEE SHEET NOTE 4)



EGLE-WRD
WRP030049 v1.0
Approved
Issued On:08/03/2021
Expires On:08/03/2026

PROJECT: 0807 PADDLE ANTRIM PARK DRIVE, ELK RAPIDS, MI 49629

DATE: 08/03/2021

SCALE: AS SHOWN

PADDLE ANTRIM
VILLAGE OF ELK RAPIDS ROTARY PARK KAYAK LAUNCH
GRADING & UTILITY PLAN
SECTION 21, TOWN 29 NORTH, RANGE 09 WEST
VILLAGE OF ELK RAPIDS, ANTRIM COUNTY, MICHIGAN

DATE: 08/03/2021

BY: SG

CHK: BB

19347

3.2

http://gfa.ic

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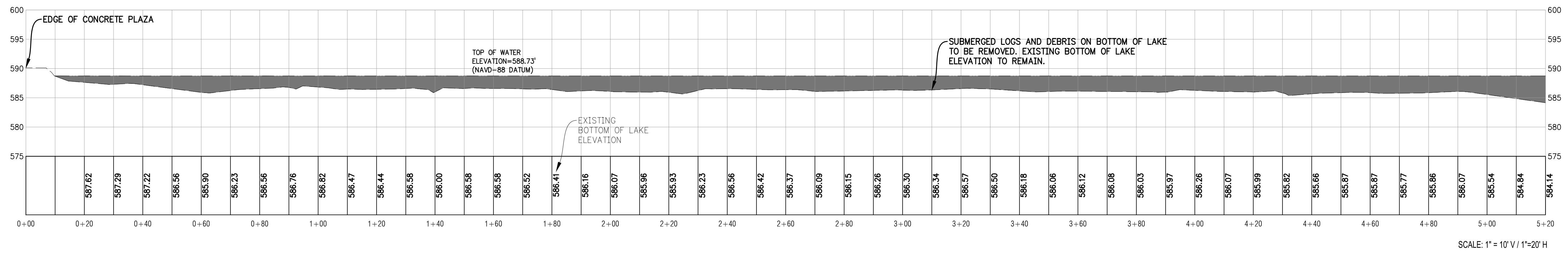
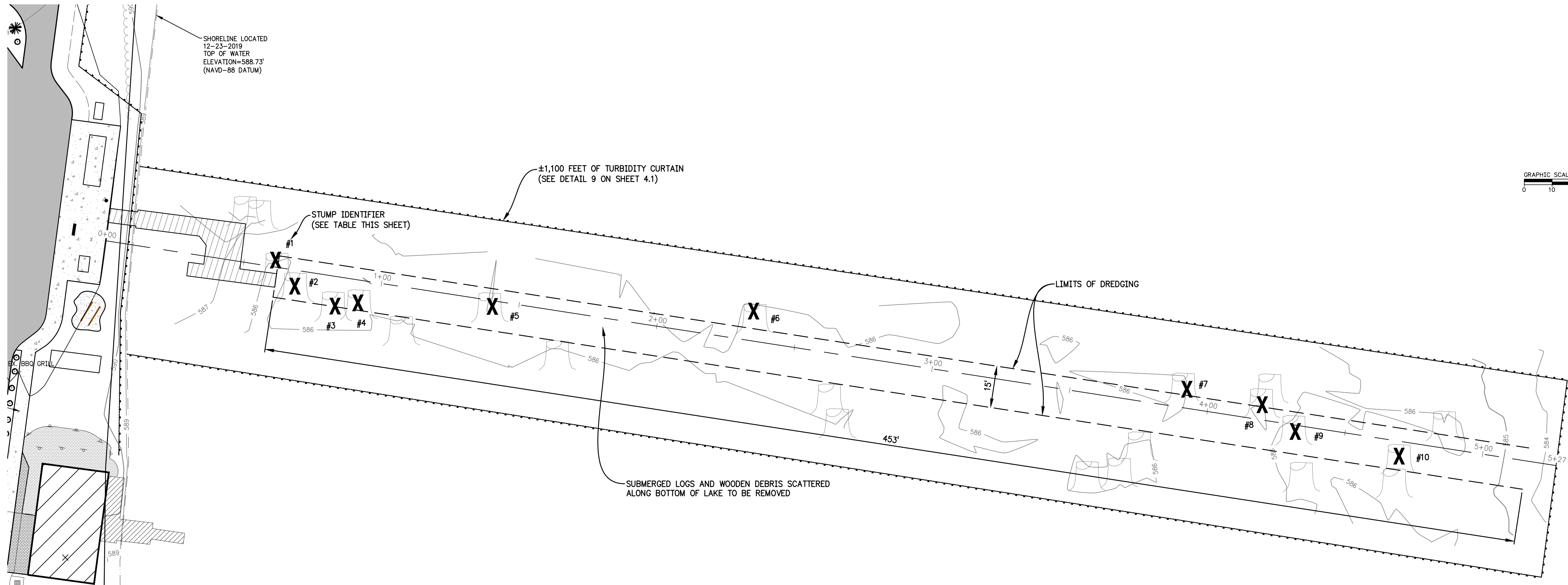
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gfa

ENGINEERING
SURVEYING
TESTING & OPERATIONS

123 West Front Street
Traverse City, MI 49684

These documents are prepared in accordance with the contractual terms and conditions for this project.



Dredging Notes & Calculations

1. A turbidity curtain shall be installed prior to all dredging operations.
 2. All dredging shall occur outside fish spawning seasons as according to the Michigan Department of Natural Resources.
 3. Dredging shall be limited to the removal of existing submerged logs and stumps within the limits of dredging area identified on the plans. No bottom soil material will be removed.
 4. All stumps and logs removed from the lake bottom shall be hauled off-site and disposed of by the contractor at a location agreed upon between the contractor, engineer, and owner.
- TOTAL MATERIAL REMOVAL = 94.5 CYD
 STUMPS: 1.5 CYD OF COMBINED STUMPS
 SUBMERGED LOGS: AVERAGE DIAMETER OF 12" X 2500 LF OF COMBINED LOG LENGTH = 93 CYD

Stump Data

STUMP NUMBER	DIAMETER (FT)	DEPTH (FT)	CYD
1	2	2	0.15
2	3	1.75	0.19
3	2.5	2	0.19
4	2.75	1.5	0.15
5	1.5	1	0.06
6	3	2.25	0.25
7	3.5	1.25	0.16
8	2	1	0.07
9	2.5	2	0.19
10	1.5	1.75	0.10

Dredging Legend

- LIMITS OF DREDGING
- EXISTING STUMPS
- STUMPS TO BE REMOVED
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED KAYAK LAUNCH

EGLE-WRD
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http://glo.ic
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 231.946.3703 (f)

ENGINEERING SURVEYING TESTING & OPERATIONS
 123 West Front Street
 Traverse City, MI 49684

PADDLE ANTRIM
VILLAGE OF ELK RAPIDS ROTARY PARK KAYAK LAUNCH
DREDGING PLAN
 SECTION 21, TOWN 29 NORTH, RANGE 09 WEST
 VILLAGE OF ELK RAPIDS, ANTRIM COUNTY, MICHIGAN

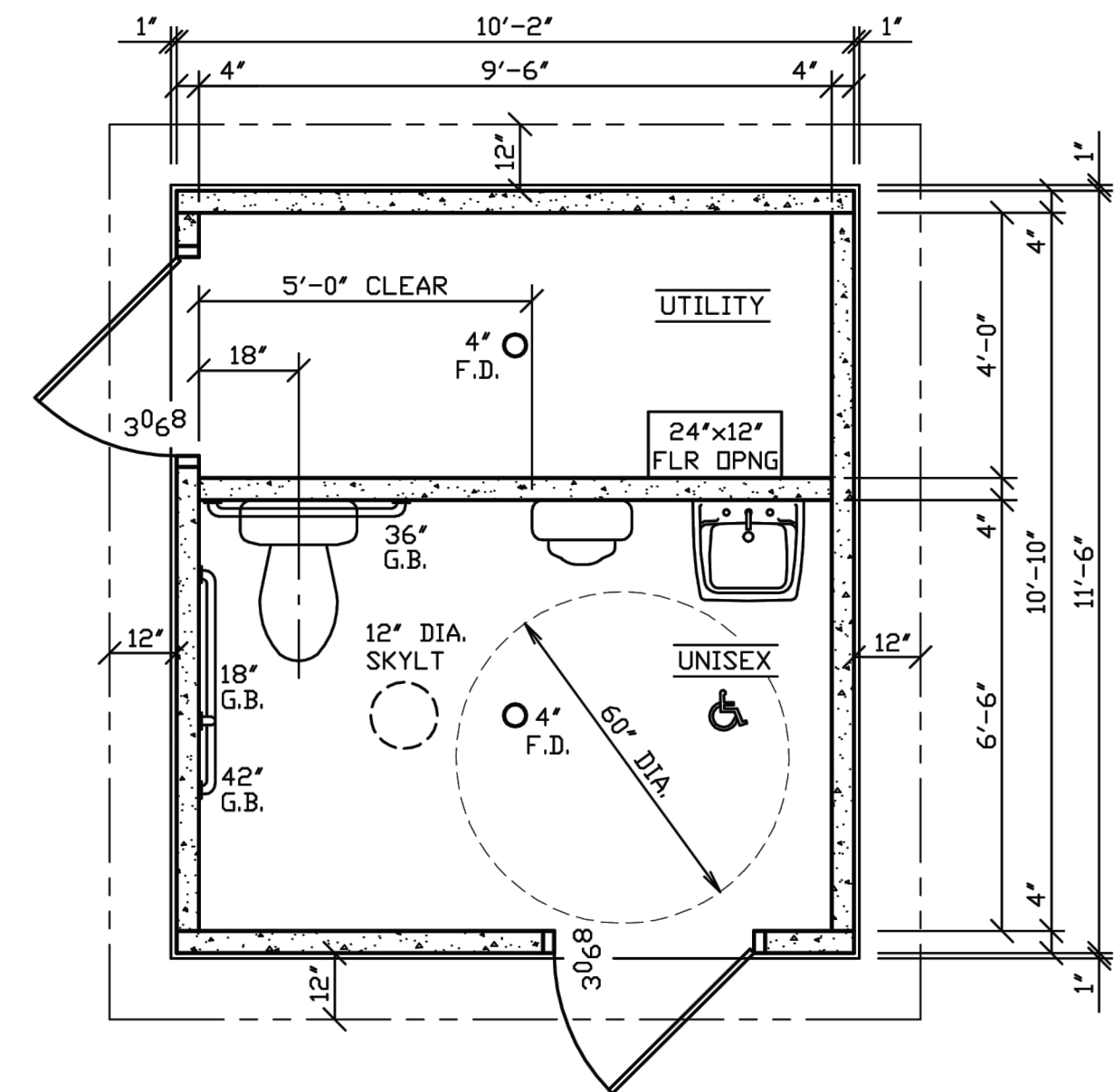
19347
 3.3

1: PROJECT: 19347 PADDLE ANTRIM ROTARY PARK KAYAK LAUNCH DREDGING PLAN 08/03/2021 10:14 AM GBOAL

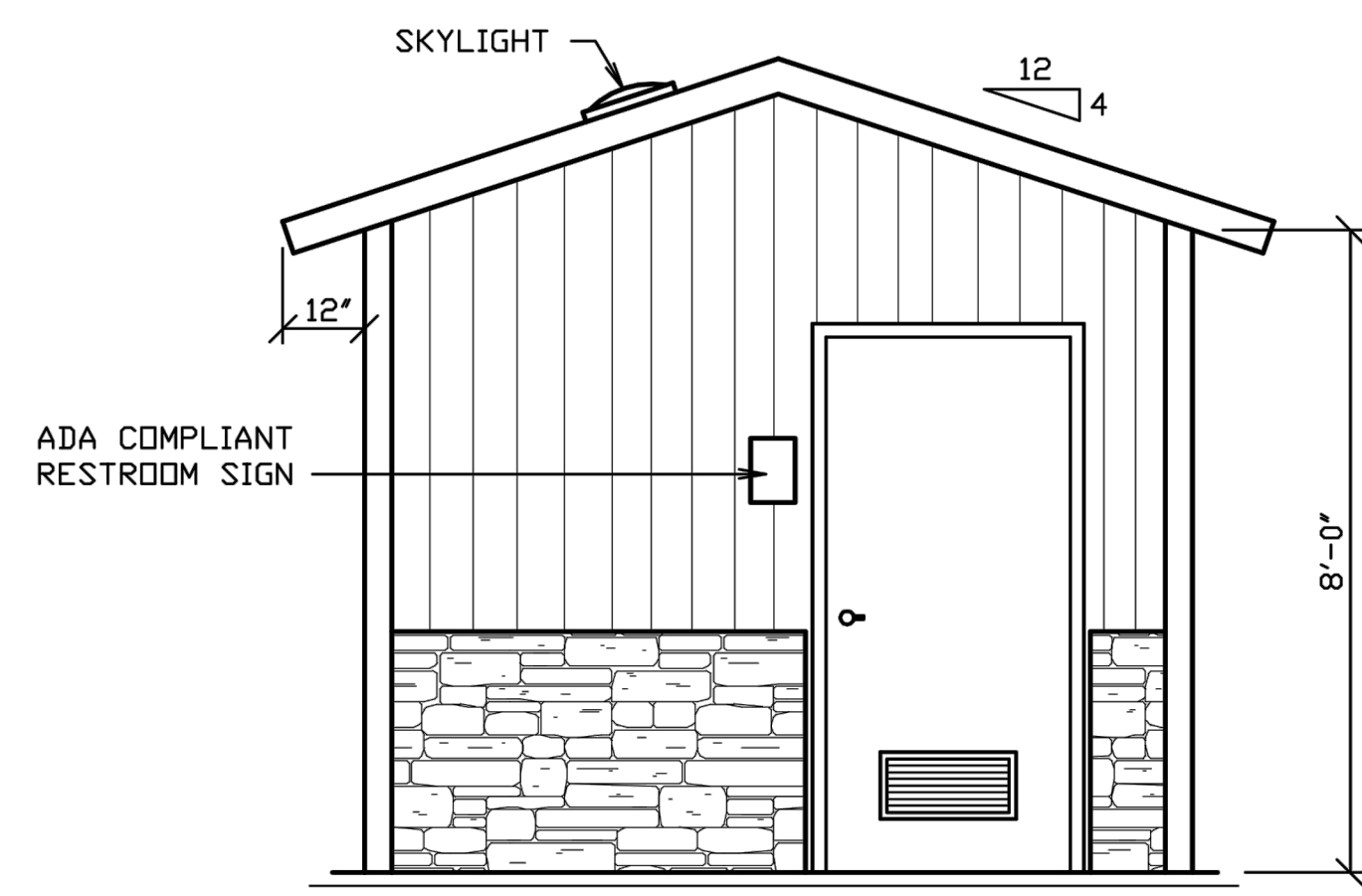
These documents are prepared in accordance with the contractual terms and conditions for this project.

- RESTROOM -

LYNX



Floor plans are for reference only. This drawing shall not be copied or submitted to others without the consent of this company.
 4154 123rd St. Chippewa Falls, WI 54729 | 715-723-7446
 HUFFCUTT.COM



FRONT ELEVATION
 SCALE: 1/4" = 1'-0"
 (REAR ELEVATION SIMILAR, EXCEPT NO DOOR)



Floor plans are for reference only. This drawing shall not be copied or submitted to others without the consent of this company.
 4154 123rd St. Chippewa Falls, WI 54729 | 715-723-7446
 HUFFCUTT.COM

MADE IN USA

Dock Live Load of 62.5 lbs / sqft

Gangway drawn without hand railings to more clearly depict installation details
 Gangway comes with hand railings

This drawing has been provided to illustrate general dimensions, placement and orientation details only. Refer to manufacturer's published specifications for additional information.

Qty	Description	Part No.	Qty	Description	Part No.
7	AUGER KIT FOR 2.5" O.D. PIPE	100255	1	GANGWAY COMPOSITE SKID	GL-GCS-5
7	2-3/8" x 16' L GALV. PIPE	1160250	1	5' TRANSITION PLATE ADA	GL.60.TP.ADA
7	2-3/8" GALV. STEEL PIPE CAP	100026	1	5' x 12' GANGWAY HD W/RAILS	GL.6012.HD
2	SUPPLEMENTAL FLOAT PODS	208110	1	5' GANGWAY TO SHORE ABUTMENT	GL-60-SHD
1	5' x 5' ALUMINUM WEAR PLATE	GL.60x5.WP	1	ONE WAY KAYAK LAUNCH, RIGHT	500960R
1	CORNER GUSSET	300801	24	COUPLER SET	301100
6	80" X 120" DOCK SECTION	208010	7	HD 2.5" PIPE BRACKET	215250
1	COUPLER INSTALL TOOL	900010SS	66	PHILLIPS SCREW/DOCK CURBING	805306S
1	ADA TRANSFER BENCH	5008900	11	DOCK CURBING	35116
2	COUPLER DRIVE SOCKET	900005	1	DOCK TO LAUNCH ADAPTER	100757SS

Bill of Materials

Elk Rapids Rotary Park
 PREPARED FOR
MI Lake Products
 DRAWING NUMBER
EZ.Elk.Rapids.1
 DRAWN BY
GDS

EZ Dock, OIM
 1382 E. Caro Rd
 Caro, MI 48723
 TOLL FREE NO. 1-800-252-4448
 PHONE NO. (989) 673-2109
 FAX NO. (989) 673-8844

REV#	DATE	BY	DESC

PADDLE ANTRIM
VILLAGE OF ELK RAPIDS ROTARY PARK KAYAK LAUNCH
DETAILS
 SECTION 21, TOWN 29 NORTH, RANGE 09 WEST
 VILLAGE OF ELK RAPIDS, ANTRIM COUNTY, MICHIGAN

T:\PROJECTS\08047 PADDLE ANTRIM\DWG\08047_P1.dwg (3/17/21 11:44 AM) SCADWIN

These documents are prepared in accordance with the contractual terms and conditions for this project.

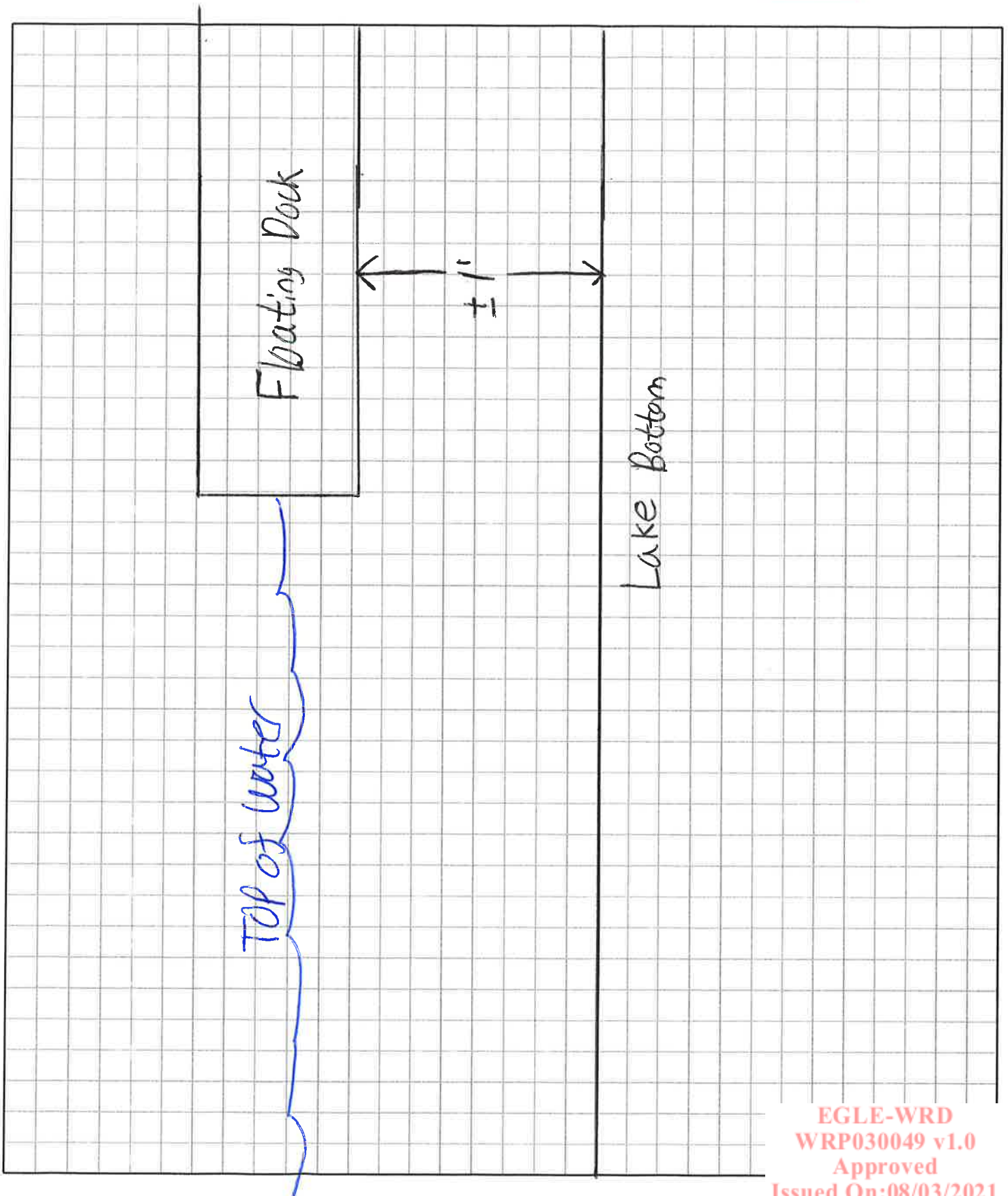
PROJECT _____

PROJECT NO. _____

DATE _____



Engineering
Surveying
Testing &
Operations



EGLE-WRD
WRP030049 v1.0
Approved
Issued On:08/03/2021
Expires On:08/03/2026