

Notice: Collection of this information is authorized under s. NR 5.09, Wis. Admin. Code. Failure to provide this information may result in removal of waterway markers. Personal information collected will be used to administer the Waterway Marker Permit program and may be provided to requesters as required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stat.].

Instructions: Refer to instructions and requirements on the back of this form. Complete this form and send to your local conservation county warden.

No. _____ Region _____ Placement Discontinue Change

Jurisdiction: City Town Village of La Crosse County of La Crosse, Wisconsin.

Section 1: Applicant Information				Section 2: Property Owner			
Applicant Name Black River Water-Ski Club				Property Owner Name La Crosse Regional Airport			
Street Address 1914 Nakomis Ave.				Street Address 2850 Airport Road			
City La Crosse	State WI	ZIP Code 54603		City La Crosse	State WI	ZIP Code 54603	
Telephone Number (include area code) (608) 630-4371				Telephone Number (include area code) (608) 789-7464			
Name of lake or body of water buoys will be placed Black River				I consent to the placement of water marker(s) adjacent to the waters of my private property.			
Location of Marker(s) 43.8764,-91.2441	1/4 SW	Section 8	Township 16 N	Range 7	Signature of Applicant (authorizing representative) <i>[Signature]</i>	Date Signed 2/21/17	

For Construction Projects - Enter Information Below

WDOT Project Number _____ Project Start Date 02/06/2017 Project End Date 09/01/2017

Type of Marker(s)	Qty.	Type of Marker(s)	Qty.	Message on Marker	Remarks
Aid to Nav. Center		Boat Excluded			Ordinance Required
Aid to Nav. Red		Swim Area		SWIM AREA	Name of Beach:
Aid to Nav. Green		Controlled Area			Ordinance Required
Moorings		Hazard Warning			
Non-standard or signs	26	Informational			Water-Skiing Buoys

Describe:
 Twenty-six (26) buoys marking a boat path and a ski path. Please see the attached 'Slalom Course Drawings' for additional information.

Attach diagrams and maps showing the proposed location of the marker(s). Identify the exact location of the water marker(s) in distance from one or more fixed objects, whose location is known or provide the GPS coordinates of the marker(s) placement. The above information provided in support of the application for placement of water marker(s) is true and correct.

Applicant Representative (print name) Dan Pabst Signature of Applicant (authorizing representative) *[Signature]* Date Signed 2/21/17

Section 3: Local Government Authorization

Approved - The above named applicant may place and maintain, subject to DNR approval, the above described marker(s).
 Disapproved - The placement of the described marker(s) may not take place.

Name of Local Government or State Agency _____ Restrictions _____

Approved by (print name) _____ Title _____ Approved by (signature) _____ Date Signed _____

Leave Blank - DNR Use Only

Warden's Recommendation <input type="radio"/> Approved <input type="radio"/> Disapproved	Recreation Safety Warden <input type="radio"/> Approved <input type="radio"/> Disapproved
Ordinance on File <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	Signature _____ Date Signed _____
Warden's (Printed) Name _____	Bureau of Law Enforcement <input type="radio"/> Approved <input type="radio"/> Disapproved
Warden's Signature _____ Date Signed _____	Signature _____ Date Signed _____

SLALOM COURSE PROJECT NARRATIVE

Local citizens of the Coulee Region love being outdoors around the Mighty Mississippi; unfortunately, there is not a local club who has installed a water-skiing slalom course within the La Crosse area. Water-skiing aficionados would truly appreciate a slalom course to work on their skills, compete with friends and family, and enjoy some recreation on the water. The Black River Water-Skiing Club (BRWSKI) would like to build/install a slalom course on the Black River in La Crosse, Wisconsin. With an area of roughly 91,000 square feet (slightly over two acres), the proposed slalom course will become a virtual playground/waterpark for local water-skiing fanatics.

Located near the shoreline of the La Crosse Regional Airport, the proposed slalom course would be installed just North of 'Airport Beach' to the East of Fishermans Road. Positioned downstream from the Onalaska Spillway, the proposed slalom course will be located within a stretch of the river system that is non-navigable for towable barges and other large vessels. Considering multiple water-skiing events are held in this area throughout the summer season, the chosen location is a prime area for a slalom course to be utilized by the Black River Water-Skiing Club and other local water-skiing enthusiasts. Established in 1972, the River City Water Ski Team holds practices and shows nearby the proposed slalom course location.

Beginning after permit approval, layout of the slalom course will be precisely positioned atop the Black River's frozen waters. Utilizing global positioning technology, each buoy will be accurately placed and positioned. In order to install the buoy anchors for the slalom course, holes shall be cut in the ice where the buoy anchors will be lowered into position. Next, highly trained, professional commercial divers will enter the water to drive the buoy anchors into the river bottom. Made of two-inch steel pipe, the buoy anchors will be securely driven about four to five feet into the sediment. Surface supplied air equipment will ensure the divers have a constant supply of air both for breathing and operating pneumatic tools used to drive in the buoy anchors. Small sub-floats (six to eight inches in diameter) will be fastened to the driven buoy anchors for easy relocation during the spring/summer. Once the weather becomes favorable for water-skiing, marker buoys will be attached to the sub-floats and slalom skiing will commence.

If the ice is not of adequate thickness or the installation timeframe has an unforeseen set back, the buoy anchors will be installed from a work platform such as a small vessel or barge. Divers will enter the water to drive the buoy anchors at the precisely located coordinates provided by global positioning systems. Since all installation activities will occur in the main channel of the Black River, no temporary or permanent erosion control measures are foreseen. During the installation process, no materials will be excavated or dredged. Foreign fill materials or disturbances are also not applicable to the installation of the proposed slalom course.

Considering the construction schedule, impacts to the public use of the waterway should be relatively minimal to non-existent. If an unforeseen delay should occur, installation of the buoy anchors will commence in early spring limiting the impact to the public use of the waterway. Use of highly trained professional commercial divers should lessen the impact to the waterways when installing the buoy anchors. Utilizing two-inch diameter pipes as anchors will also minimize the surface area of river bottom disturbances.



UNIVERSITY OF WISCONSIN-LA CROSSE
WATERSKI AND WAKEBOARD TEAM

LA CROSSE, WI 54601

To whom it may concern,

The University of Wisconsin La Crosse Waterski and Wakeboard Team is in support of the permanent slalom course on the Black River in La Crosse, WI. This course will be extremely helpful for our team and to the other surrounding waterski clubs. Having this permanent course will strengthen our community on the river and make our time on the water much more enjoyable.

Sincerely,

Natalie Marcus

President of the UW-La Crosse Waterski and Wakeboard Team



To DNR /Dan Pabst :

3-23-17

This letter is in regards to Dan Pabst installing a permanent slalom course above our ski show location.

River City Water Ski Team has no issues with this as they do not interfere with our practices or shows.

Thank you for the consideration of asking River City Water Ski Team. It is very much appreciated.

President:
River City Water Ski Team:
John Aschenbrenner
608-792-2866

- GENERAL NOTES:**
1. THE PROPOSED SLALOM COURSE WILL BE LOCATED ON THE BLACK RIVER AT AN APPROXIMATE LATITUDE AND LONGITUDE OF 43 57531' N AND 91 24407' W, RESPECTIVELY.
 2. THE LENGTH OF THE SLALOM COURSE WILL BE POSITIONED PARALLEL TO THE SHORELINES AND THE DIRECTION OF THE BLACK RIVERS FLOW.
 3. THE LA CROSSE REGIONAL AIRPORT IS LOCATED TO THE WEST OF THE PROPOSED SLALOM COURSE.
 4. LOCATED ON THE LA CROSSE REGIONAL AIRPORT'S SOUTHEAST CORNER, AIRPORT BEACH WILL BE LOCATED TO THE SOUTHWEST OF THE PROPOSED SLALOM COURSE.
 5. THE BUOYS MARKING THE PROPOSED SLALOM COURSE WILL BE ANCHORED TO THE RIVER BED AND INSTALLED BY PROFESSIONAL COMMERCIAL DIVERS.
 6. THE BUOY ANCHORS WILL BE INSTALLED DURING THE WINTER OF 2017 WITH THE EXACT POSITIONS RECORDED WITH ADVANCED GLOBAL POSITIONING TECHNOLOGY.
 7. BUOY ANCHORS WILL BE RELOCATED DURING EARLY SUMMER TO FASTEN THE PROPER MARKER BUOYS FOR THE PROPOSED SLALOM COURSE.
 8. LIKELY IN LATE SUMMER OR EARLY FALL, THE BUOY MARKERS WILL BE REMOVED AT THE END OF THE WATER SKIING SEASON.
 9. THE PROPOSED SLALOM COURSE WILL FOLLOW AWSA REGULATIONS IN REGARDS TO SHAPE AND SIZE WITH AN OVERALL FOOTPRINT OF 91,350 SQUARE FEET OR 2.1 AC.

REGIONAL SITE MAP

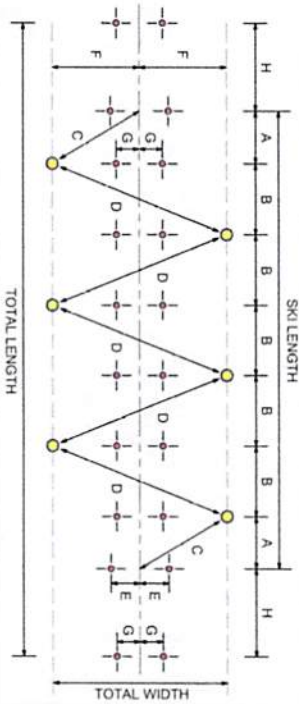


LOCAL SITE MAP



SLALOM COURSE DIMENSIONS:

Dimension ID	Length	Range	Tolerance (+/-)
A	88' 7"	88' 1.5/8" to 89' 0.1/4"	1/2%
B	134' 6-1/8"	133' 10-1/8" to 135' 2-1/4"	1/2%
C	96' 3-3/8"	95' 9-5/8" to 96' 9-1/8"	1/2%
D	154' 2-3/4"	153' 5-3/8" to 155' 0-1/8"	1/2%
E	4' 1-1/4"	3' 10-3/4" to 4' 3-3/4"	5%
F	37' 8-3/4"	37' 4-1/4" to 38' 1-3/8"	1%
G	3' 9-1/4"	3' 4-3/4" to 4' 1-3/4"	10%
H	180' 5-3/8"	179' 6-1/2" to 181' 4-1/4"	1/2%
Ski Length	849' 8-7/8"	847' 7-3/8" to 851' 10-3/8"	1/4%
Total Length	1210' 7-5/8"	1206' 8-3/8" to 1214' 6-7/8"	1/3%
Total Width	75' 5-1/2"	74' 8-1/2" to 76' 2-3/4"	1%



GENERAL SLALOM COURSE LAYOUT:

OVERALL SITE - GENERAL INFO.
NOT TO SCALE

PROPOSED SLALOM COURSE
WI DNR PERMIT APPLICATION
LA CROSSE, WISCONSIN
OVERALL SITE - GENERAL INFO.

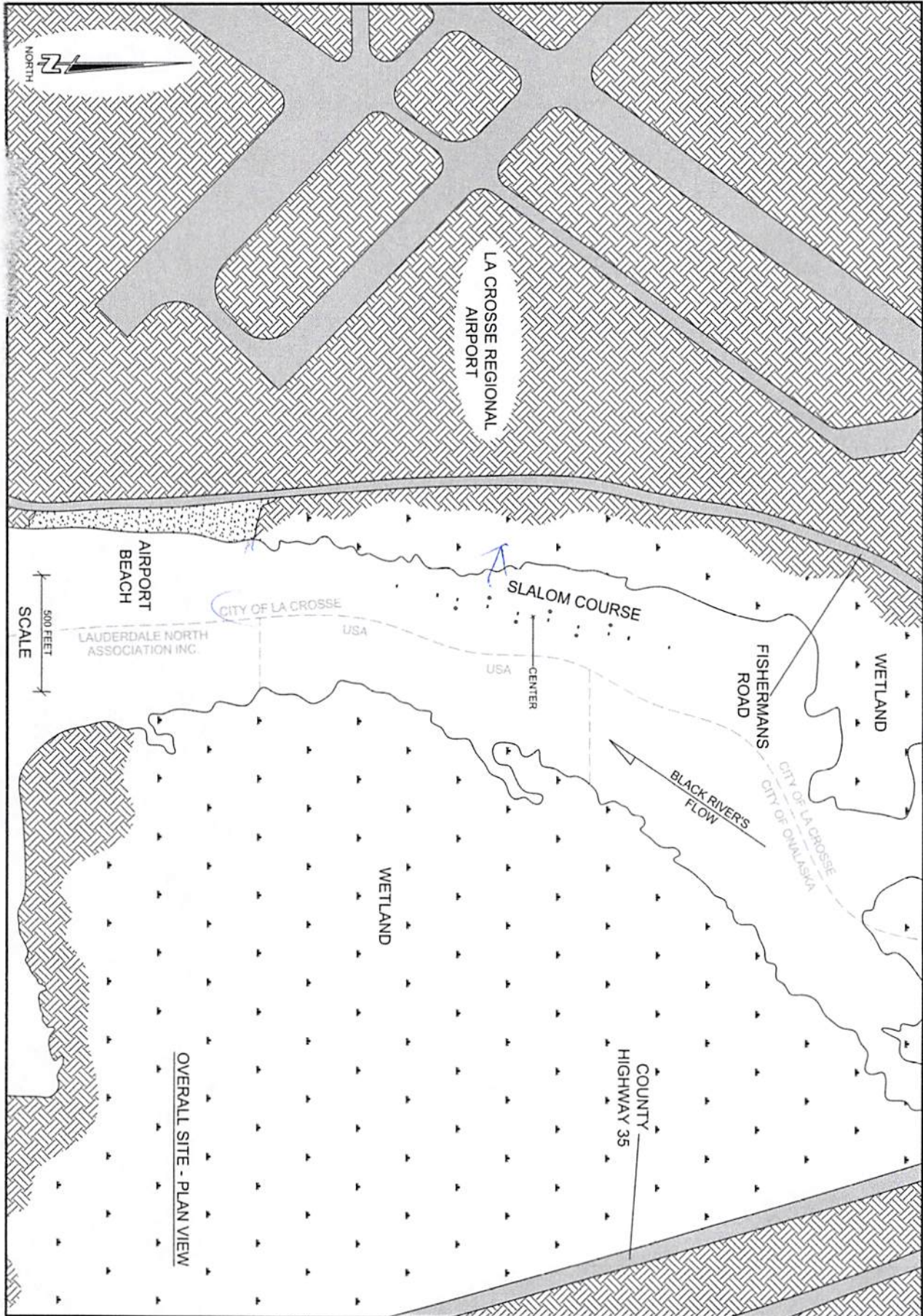


BLACK RIVER WATER SKI CLUB
PRESIDENT: DAN PABST
1914 NAKOMIS AVENUE
LA CROSSE, WISCONSIN 54603
PHONE: (608) 630-4371
brwskiclub@gmail.com

WISCONSIN COUNTY: LA CROSSE
WATERWAY: BLACK RIVER
CENTER OF COURSE - LATITUDE: 43.95831° N
CENTER OF COURSE - LONGITUDE: 91.40386° W
DRAWN BY: COLE R. FAHEY
DRAWING DATE: MARCH 27, 2017



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PROJECT
PROPOSED SLALOM COURSE
WI DNR PERMIT APPLICATION
 LA CROSSE, WISCONSIN
 OVERALL SITE - PLAN VIEW



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 LA CROSSE, WISCONSIN 54603
 PHONE: (608) 630-4371
 brwskiclub@gmail.com

WISCONSIN COUNTY: LA CROSSE
 WATERWAY: BLACK RIVER
 CENTER OF COURSE - LATITUDE: 43.876371° N
 CENTER OF COURSE - LONGITUDE: 91.243666° W
 DRAWN BY: COLE N. FAHEY
 CH. 30.12 MISC. STRUCTURE PERMIT APP. DRAWING DATE: MARCH 27, 2017

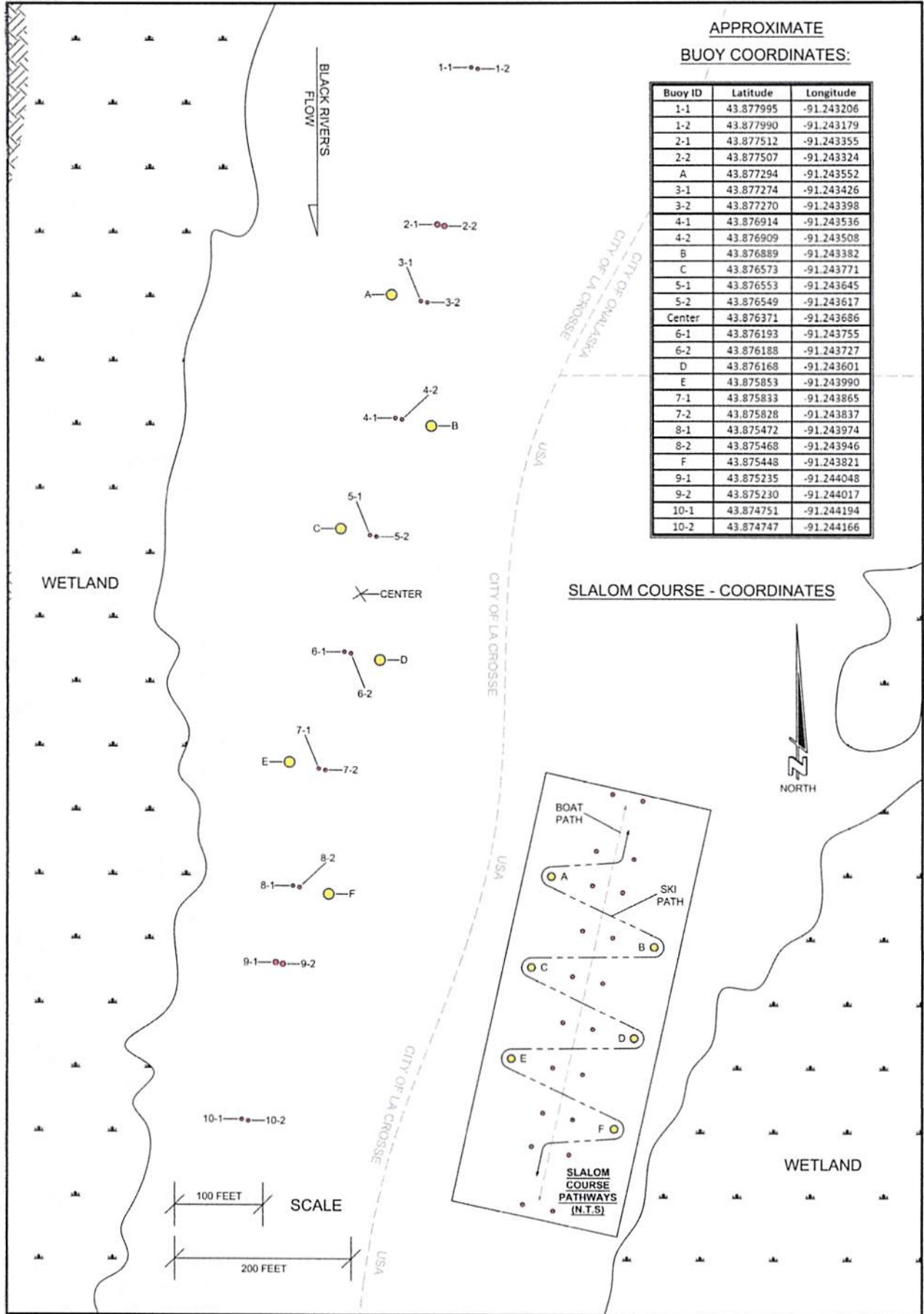
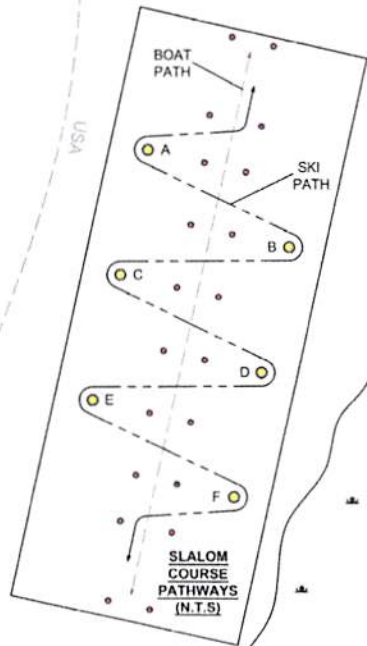


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APPROXIMATE
BUOY COORDINATES:

Buoy ID	Latitude	Longitude
1-1	43.877995	-91.243206
1-2	43.877990	-91.243179
2-1	43.877512	-91.243355
2-2	43.877507	-91.243324
A	43.877294	-91.243552
3-1	43.877274	-91.243426
3-2	43.877270	-91.243398
4-1	43.876914	-91.243536
4-2	43.876909	-91.243508
B	43.876889	-91.243382
C	43.876573	-91.243771
5-1	43.876553	-91.243645
5-2	43.876549	-91.243617
Center	43.876371	-91.243686
6-1	43.876193	-91.243755
6-2	43.876188	-91.243727
D	43.876168	-91.243601
E	43.875853	-91.243990
7-1	43.875833	-91.243865
7-2	43.875828	-91.243837
8-1	43.875472	-91.243974
8-2	43.875468	-91.243946
F	43.875448	-91.243821
9-1	43.875235	-91.244048
9-2	43.875230	-91.244017
10-1	43.874751	-91.244194
10-2	43.874747	-91.244166

SLALOM COURSE - COORDINATES



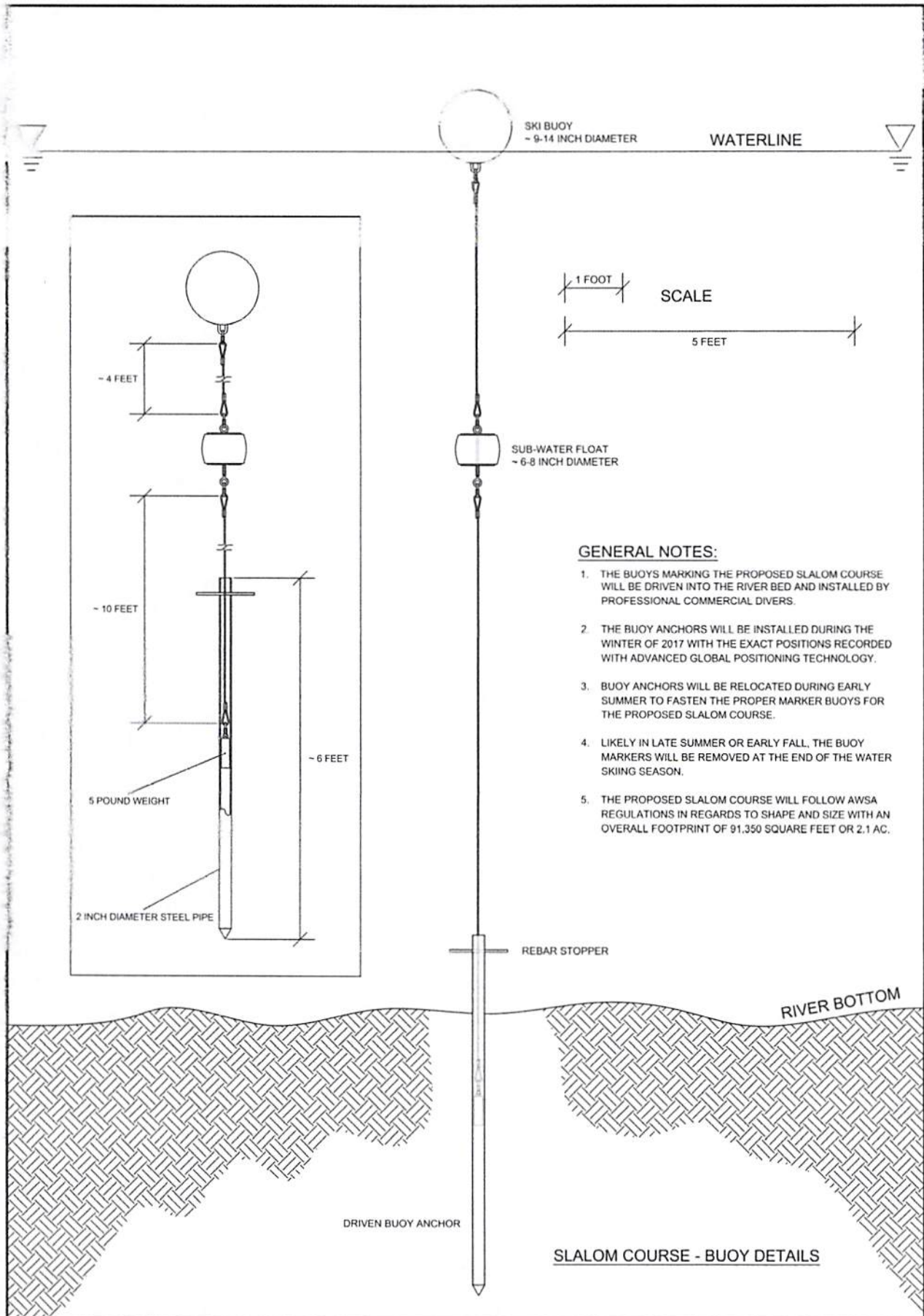
PROPOSED SLALOM COURSE
WI DNR PERMIT APPLICATION
LA CROSSE, WISCONSIN
SLALOM COURSE - COORDINATES



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DRAWN BY: COLE R. FAHEY
DRAWING DATE: MARCH 27, 2017





GENERAL NOTES:

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SLALOM COURSE - BUOY DETAILS

PROJECT PROPOSED SLALOM COURSE WI DNR PERMIT APPLICATION LA CROSSE, WISCONSIN SLALOM COURSE - BUOY DETAILS		BLACK RIVER WATER-SKI CLUB PRESIDENT: DAN PABST 1914 NAROMING AVENUE, LA CROSSE, WISCONSIN 54603 PHONE: (608) 630-4371 brwskiclub@gmail.com	WISCONSIN COUNTY: LA CROSSE WATERWAY: BLACK RIVER CENTER OF COURSE - LATITUDE: 43.878371° N CENTER OF COURSE - LONGITUDE: 91.243688° W DRAWN BY: COLE R. FARNEY DRAWING DATE: MARCH 27, 2017	
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