

# SCHEDULE H

WMO Permit Number: \_\_\_\_\_

## FLOODPLAIN/FLOODWAY & RIPARIAN ENVIRONMENTS

NAME OF PROJECT: Estates at Ravinia Meadows

### 1. TYPE OF DEVELOPMENT (check one below):

- Single-Family Home       Residential Subdivision       Multi-Family Residential  
 Non-Residential       Right-of-Way       Open Space

### 2. FEMA FIRM PANELS

Provide the Cook County FIRM panel(s) for the site: 17031C0701J and 17031C0703K

### 3. FLOODPLAIN

A. Is there regulatory floodplain located onsite?

No     Yes → Provide the name(s) of the flooding source(s): Marley Creek Tributary D

B. Is there Zone A floodplain within 100 feet of the project site or does the site require a project-specific floodplain study?     No     Yes

C. If the answer to 3.A or 3.B is "Yes", complete the following.

List the BFE(s) on the project site (Round to the nearest 0.1 ft. If more than one BFE, list each individually):

697.0 ft, NAVD 88.

Provide the elevation source(s) of the BFE(s):

FIRM Panel

D. Does the project include development of a residential building within 100-ft of the regulatory floodplain?

No     Yes

E. If the development includes a new building or a foundation expansion of an existing building that increases the building footprint by the lesser of either 20% or 2,500 square feet, in aggregate, provide the lowest floor elevation: 706.2 ft, NAVD 88.

F. Does the project result in fill in the floodplain?     No     Yes → Provide floodplain fill and compensatory storage quantities:

<u>Floodplain Fill (acre-feet)</u>	<u>Compensatory Storage Provided (acre-feet)</u>
<u>                    </u> 0 – 10 Year	<u>                    </u> 0 – 10 Year*
<u>                    </u> 10 – 100 Year	<u>                    </u> 10 – 100 Year*
<u>                    </u> Total	<u>                    </u> Total**

\* Must be at least 1.0 times the floodplain fill

\*\* Must be at least 1.1 times the floodplain fill

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### 4. FLOODWAY

A. Is any part of the development in the regulatory floodway?

No  Yes → Provide copy of IDNR-OWR Floodway Construction Permit for the development and describe appropriate use: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Does the development involve a waterway with greater than one square mile of tributary area?

No  Yes → Provide copy of IDNR-OWR Floodway Construction Permit for the development

### 5. RIPARIAN ENVIRONMENTS

A. Is there a riparian environment located onsite?

No  Yes → Proceed to Items 5.B and 5.C

B. Indicate the conditions that apply:

Jurisdictional Waters of the U.S. (50-ft buffer from OHWM)

Jurisdictional or isolated waters with BSC of "A" or "B" or BSS Streams (100-ft buffer from OHWM)

Isolated Waters (30-ft buffer from OHWM)

C. Is the riparian environment adversely impacted by the development?

No  Yes → Proceed to Item 6

### 6. MITIGATION FOR RIPARIAN IMPACTS

Prepare a riparian submittal and briefly describe the impacts and proposed mitigation: The 0.15 acres of riparian environment disturbance will be restored with native vegetation and will be outlined in the Buffer Planting Plan Summary and Management & Monitoring Report that will be provided in the final submittal.

Engineering Firm: CEMCON, Ltd.



Name: Christopher R. Morgart

Phone: 630-862-2100

Title: Vice President

Email: chrism@cemcon.com

Signature: \_\_\_\_\_

Date: 11-11-2024