

Practice Problem – Section C

PROBLEM STATEMENT:

Prepare a site plan and design for a proposed duplex cabin rental development.

CONTEXT:

- The site is environmentally sensitive and the Environmental Impact Statement (EIS) has suggested several restrictions on the development of the property.
- The EIS and the local authority require a 300' [76m] setback from the existing bird sanctuary for all development and water approaches.
- The EIS and the local authority also require a 200' [51m] setback from either side of the stream for a wildlife enhancement corridor.

REQUIRED:

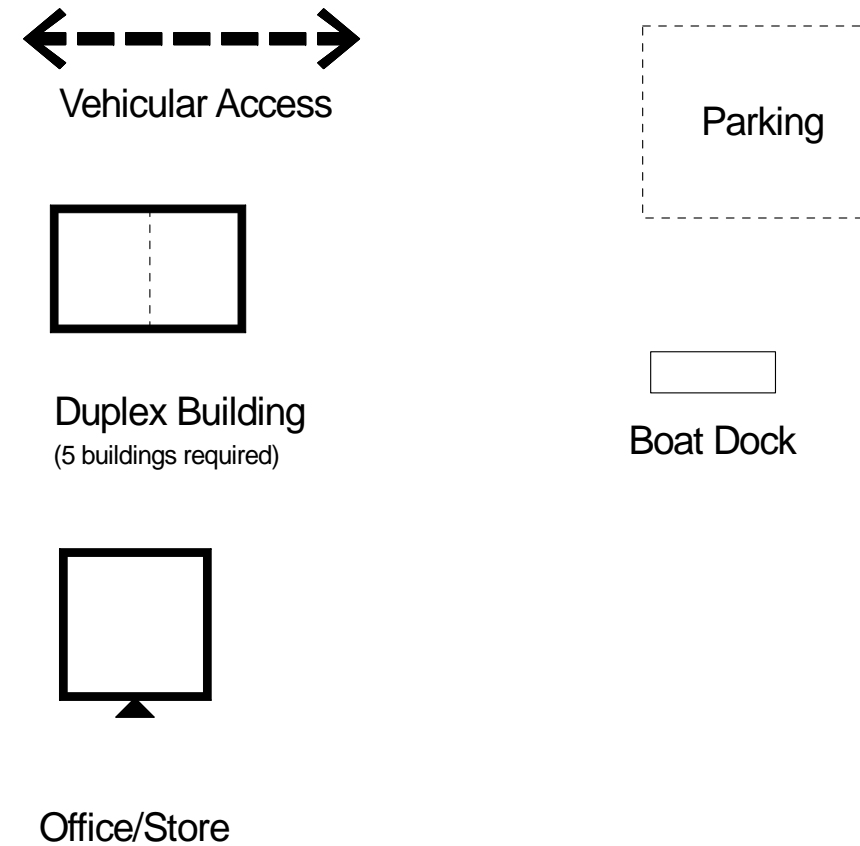
- Prepare a plan that addresses the site opportunities and constraints.
- Show and label all project elements using the graphics shown. Maintain the size and shape of each element. NO project element may be subdivided.

- Office/Store - The office/store serves as the rental office for the development as well as a store for renters and boaters on the lake.
- Parking - The parking serves the office/store and for persons wishing to visit the bird sanctuary and wildlife corridor.
- Duplex Building - Each duplex building has its own internal parking and five (5) duplex buildings are required.
- Boat dock - The boat dock is used to provide boaters with water access to the office/store. Vehicular access to the boat dock is not required.

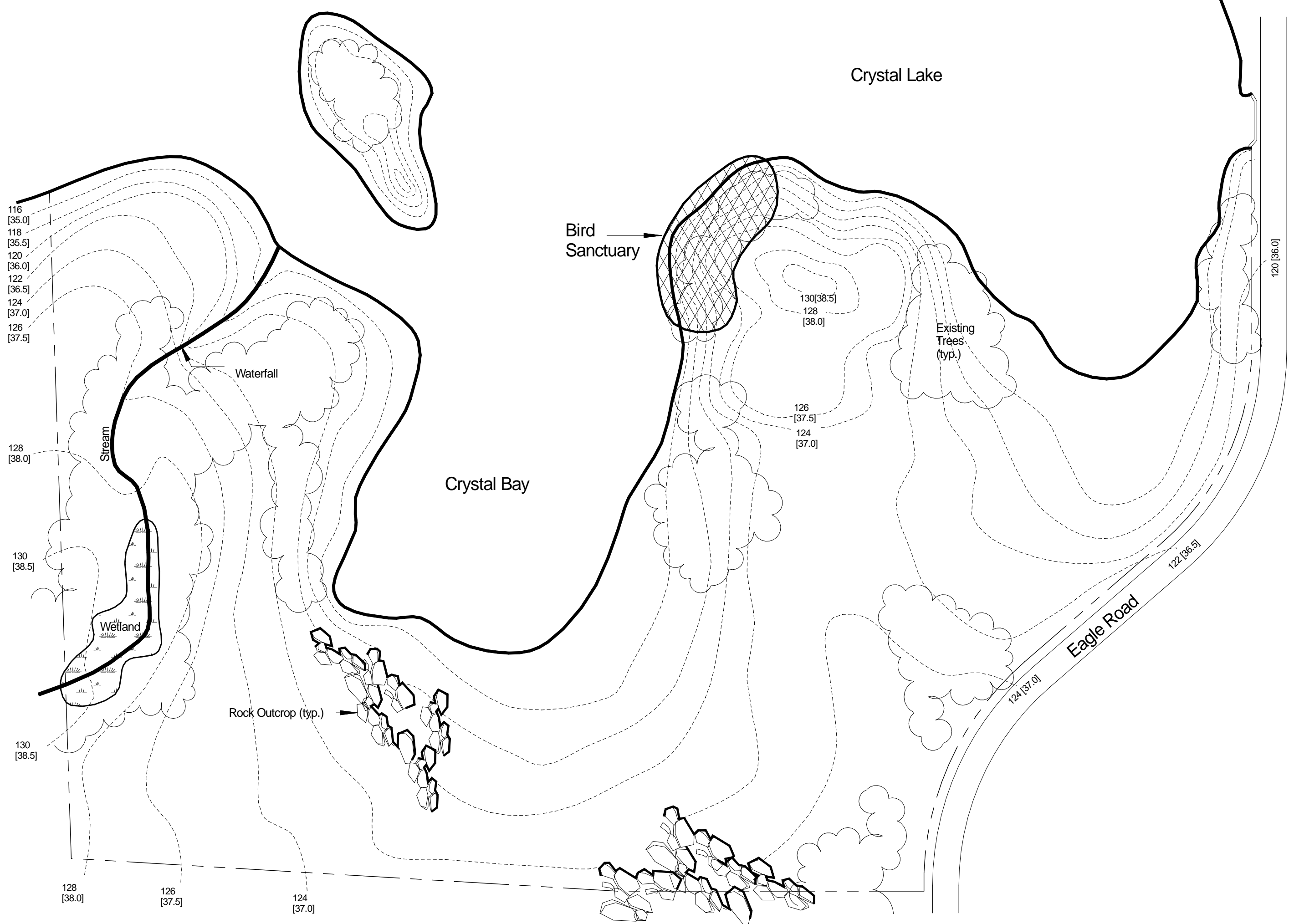
- Only one access point is allowed off of Eagle Road
- Locate five (5) duplex buildings using the graphic provided. There shall be a minimum 50' [13m] of separation between buildings.
- Provide vehicular access to each duplex building and the parking area using the graphic provided.
- Minimize the environmental impact and costs of the development.

PROJECT ELEMENTS

Scale: 1" = 100' [1:1000]

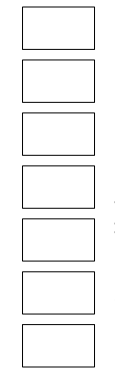


C-1	March 2009
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin-bottom: 2px;"></div> </div>	Candidate I.D.
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">Landscape Architect Registration Examination</div> <div style="font-size: 1.5em; font-weight: bold;">Site Design</div> </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">Council of Landscape Architectural Registration Boards</div> </div>	



C-1

March 2009

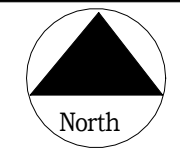


Candidate I.D.

Landscape Architect Registration Examination

Site Design

Council of
Landscape
Architectural
Registration
Boards



North

Scale: 1"=100'
[1:1000 metric]