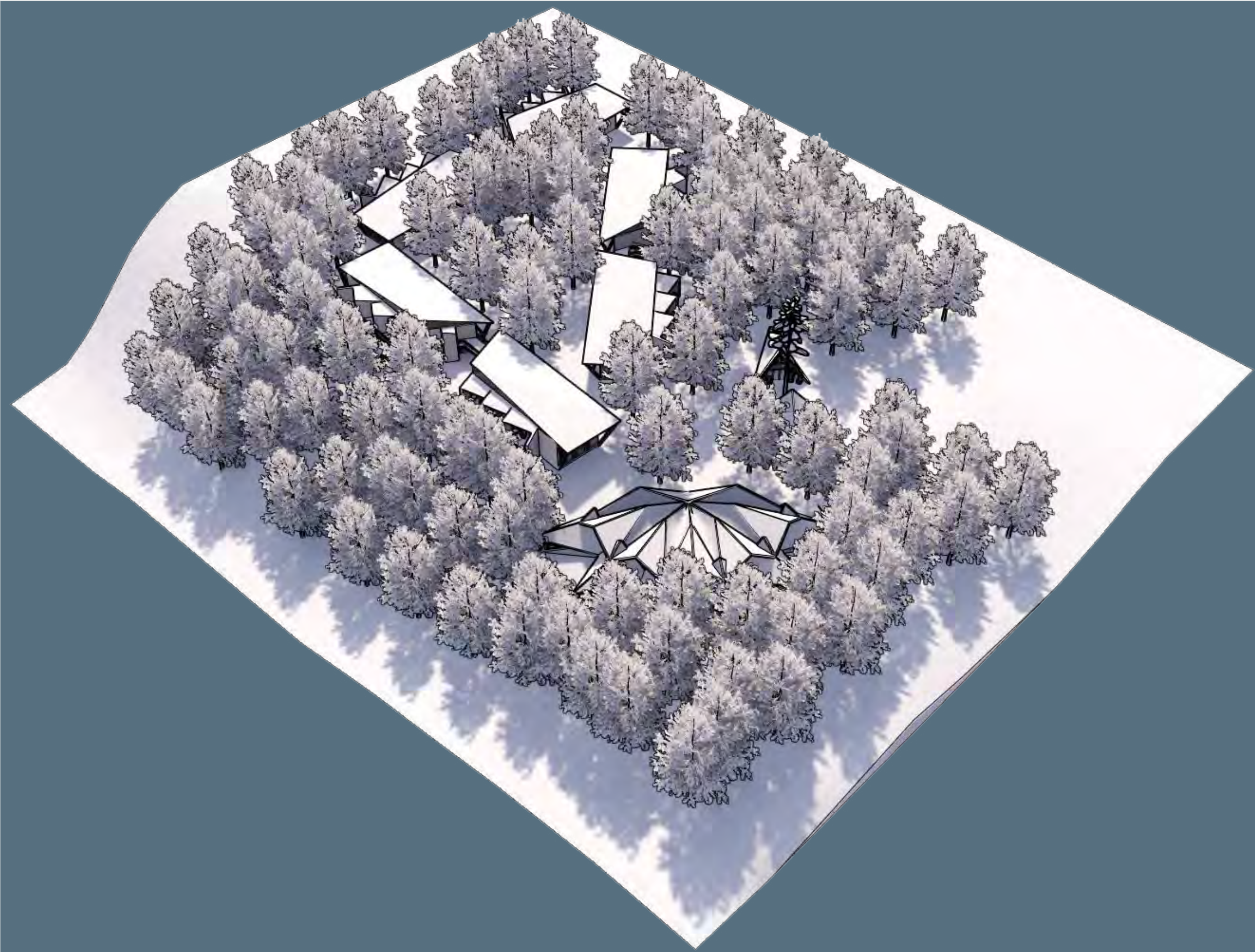


Paradise Eco-Resort and Conference Center

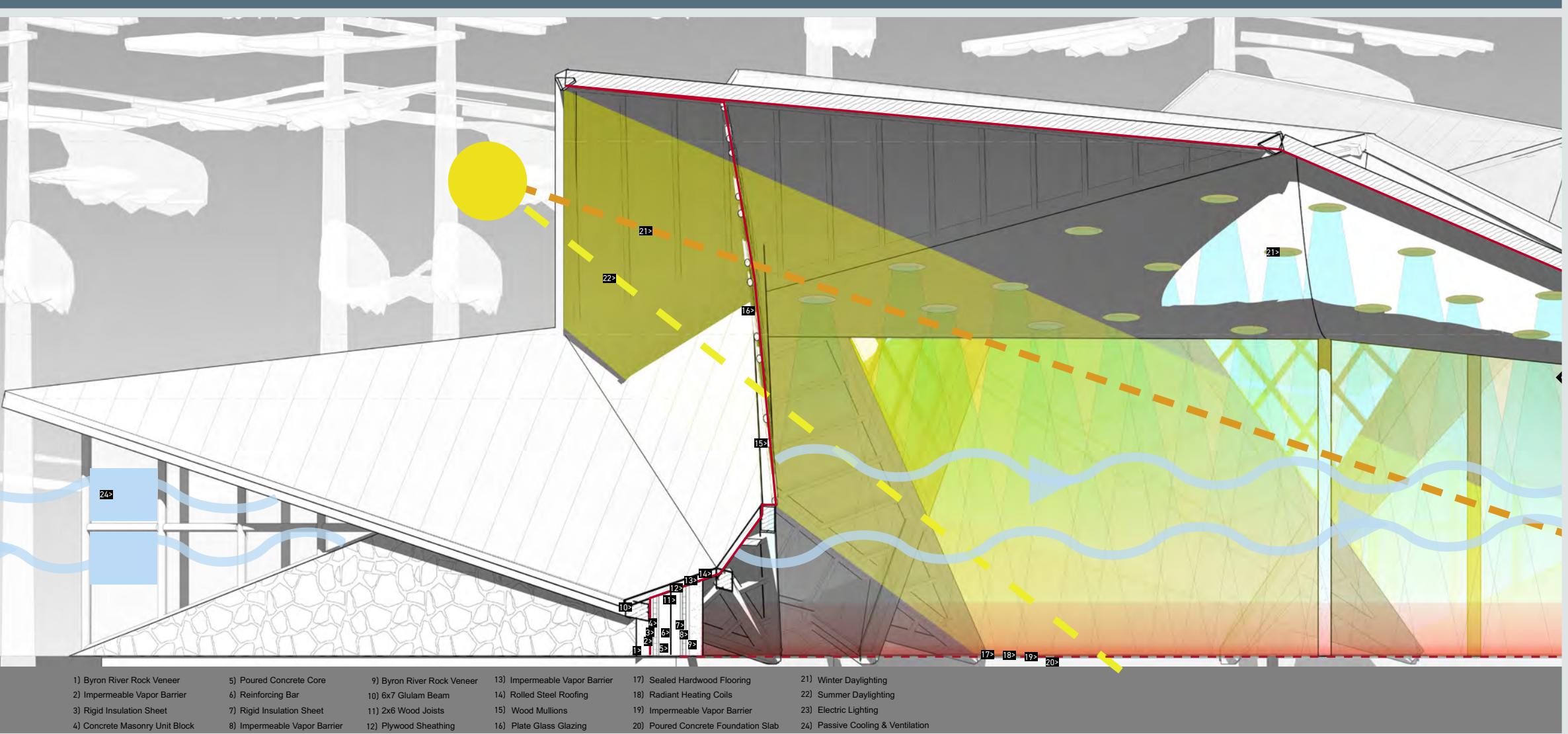
Ryan Huddlestun | ARCH 353 | Studio Macdonald | Spring 2019

Background: The Town of Paradise is ideally located in the foothills of the Sierras: a place of great natural beauty, with easy access to a variety of outdoor recreation activities. Additionally, the town's close proximity to the city of Chico provides a source of both local tourists and organizations with needs for an event space. Because of this, Paradise is an excellent location for this Eco-Resort and Conference Center. This center is designed to allow guests to stay, and hold events surrounded by nature. It is comprised of five distinct structures: a conference center, a lobby, and three hotel buildings. The hotel has a maximum occupancy of 100 guests, with the conference center is able to accommodate up to 200 occupants at a time. The hotel would employ a total of 20 full-time employees, including a manager, desk staff, concierge, and housekeeping. The conference center would have five dedicated employees, with additional staff and catering being employed during events.



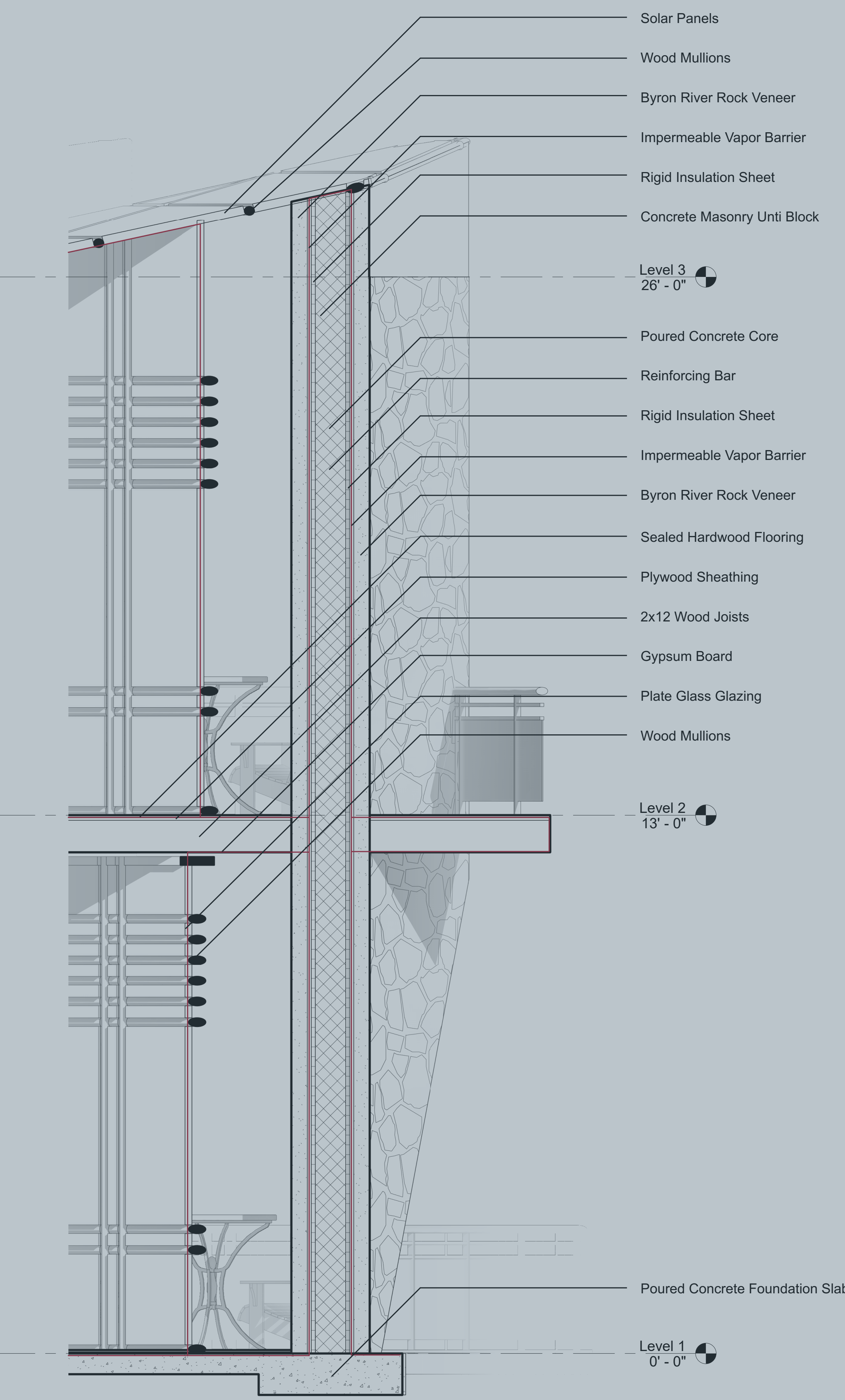
Eco-Resort | Site Axonometric

Location: The Paradise Eco-Resort and Conference Center is located in the far north-west of town. This location sits on the edge of the scenic Little Butte Creek canyon, which offers breathtaking views of the surrounding mountainside and forest. This area is already heavily forested and populated by local wildlife, with minimal human intervention. One priority of this project is to serve as a buffer between this natural space and the more developed areas of town. The arrangement of the buildings on the site is chosen carefully to have a minimal impact on the existing trees, while maximizing views and access to trails. The creation and maintenance of a small parking lot and access road will help serve as a firebreak between the town proper and the natural forest that surrounds it in case of wildfires. This road connects to the north-west Neighborhood Center, which is in turn connected to Skyway Road, one of the town's main thoroughfares. This interconnectedness will both help guests who may not be familiar with the area navigate to the Center and can serve as an evacuation route for residents in case of emergencies.

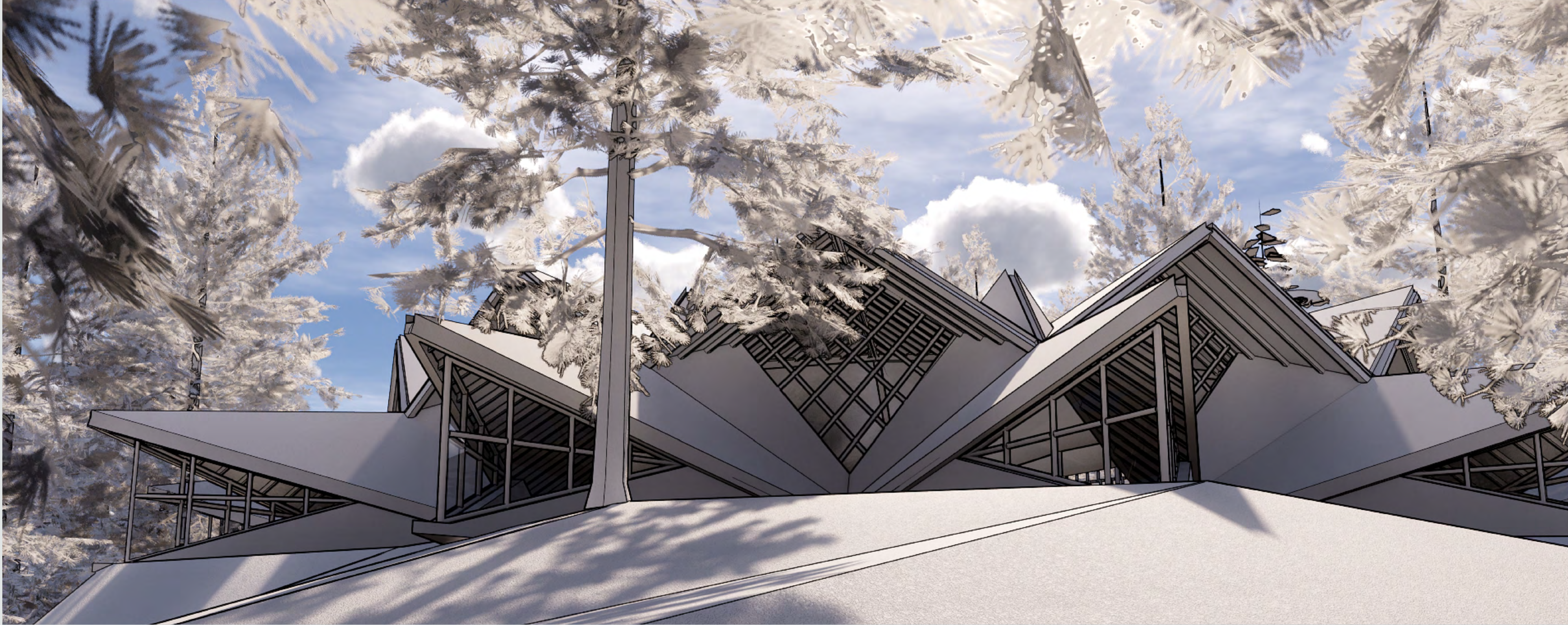


Conference Center | Integrated Section

Construction: The Paradise Eco-Resort and Conference Center is designed to be constructed sustainably, with mostly local materials. The center is designed to utilize and showcase local timber resources. Its central structure is composed of heavy timber, solid wooden beams of large dimension, which perform well in fire as the outside will char without damaging the interior or reducing the strength of the member. The hotel will feature similar construction for internal walls. The exterior exposed walls will be constructed of a concrete masonry unit core with exposed local stone veneer, providing an aesthetic finish and additional protection against fire. Internal paneling will be of locally sourced lumber to highlight the natural resources available in Paradise. The glazing will be connected with standard aluminum mullions, faced with a wood finish to preserve the natural aesthetic. The angular geometry of the prominent roofs provides breaks for wind, directs runoff for rain, as well as provides protection against any potential snowfall. The roofs themselves will be made of steel roofing which is inexpensive, weather and fire resistant, and fits the local mountain town vernacular. All materials have been chosen to prioritize local materials, inexpensive and swift construction, and a harmonious connection to the natural surroundings.



Hotel | Integrated Section



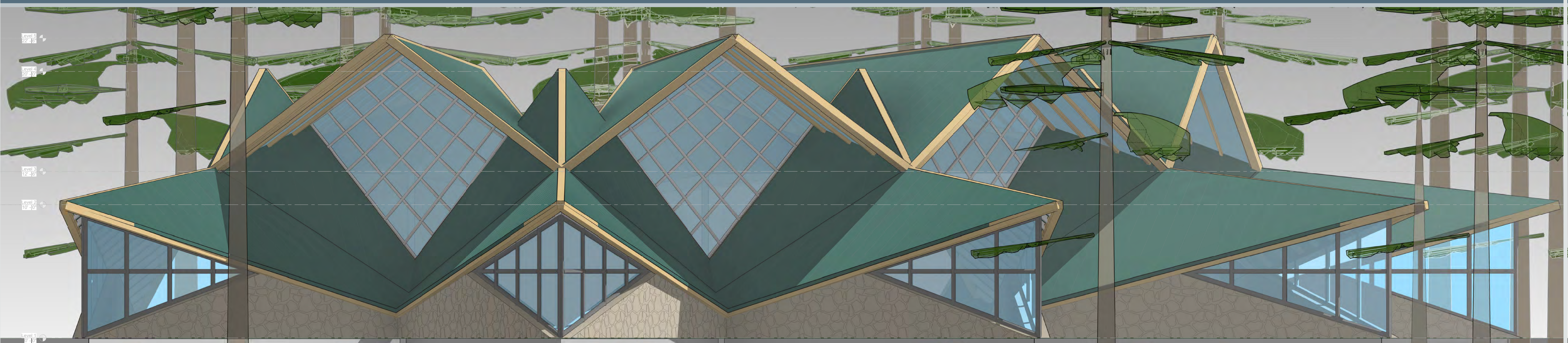
Paradise Conference Center | Perspective Render



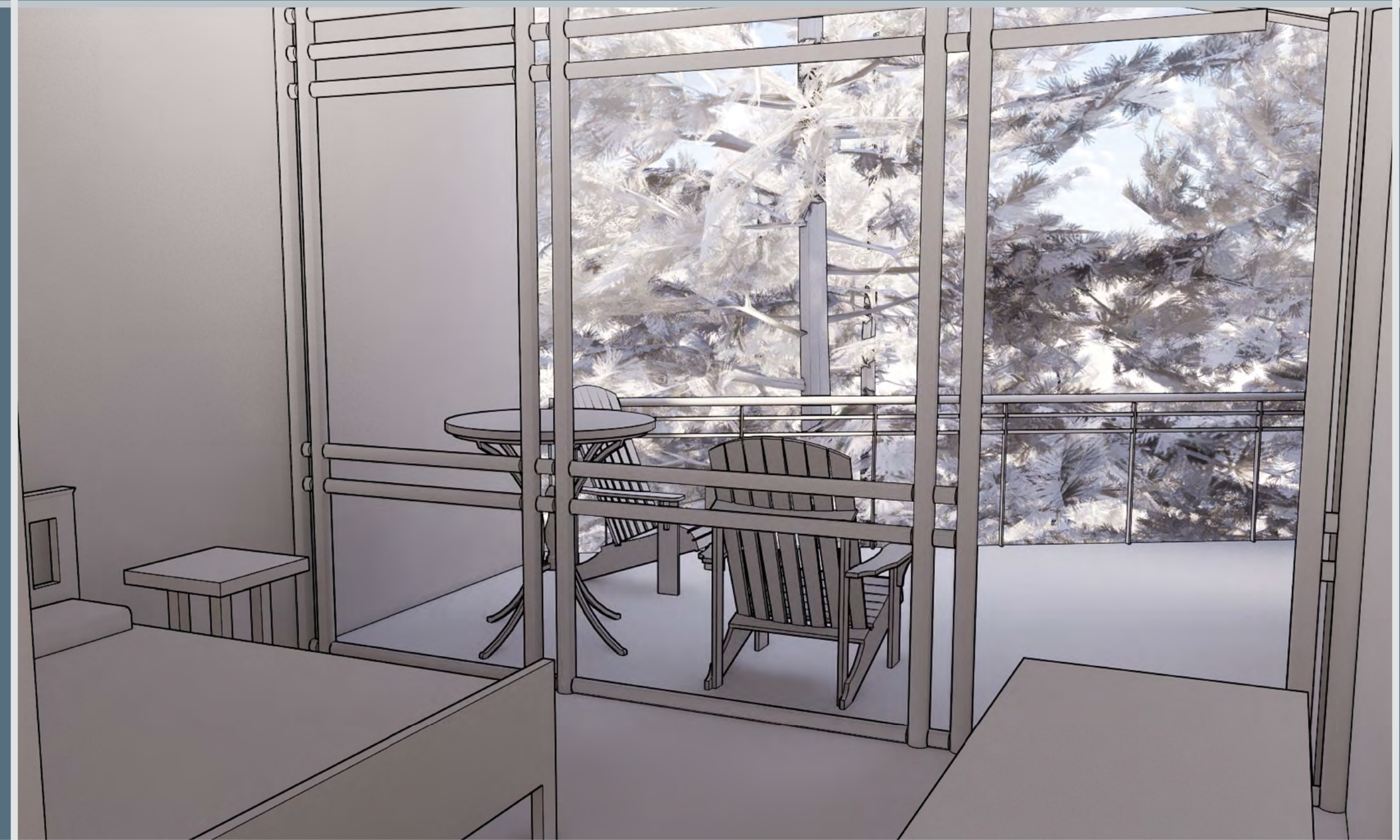
Lobby | Perspective Render



Hotel | Perspective Render



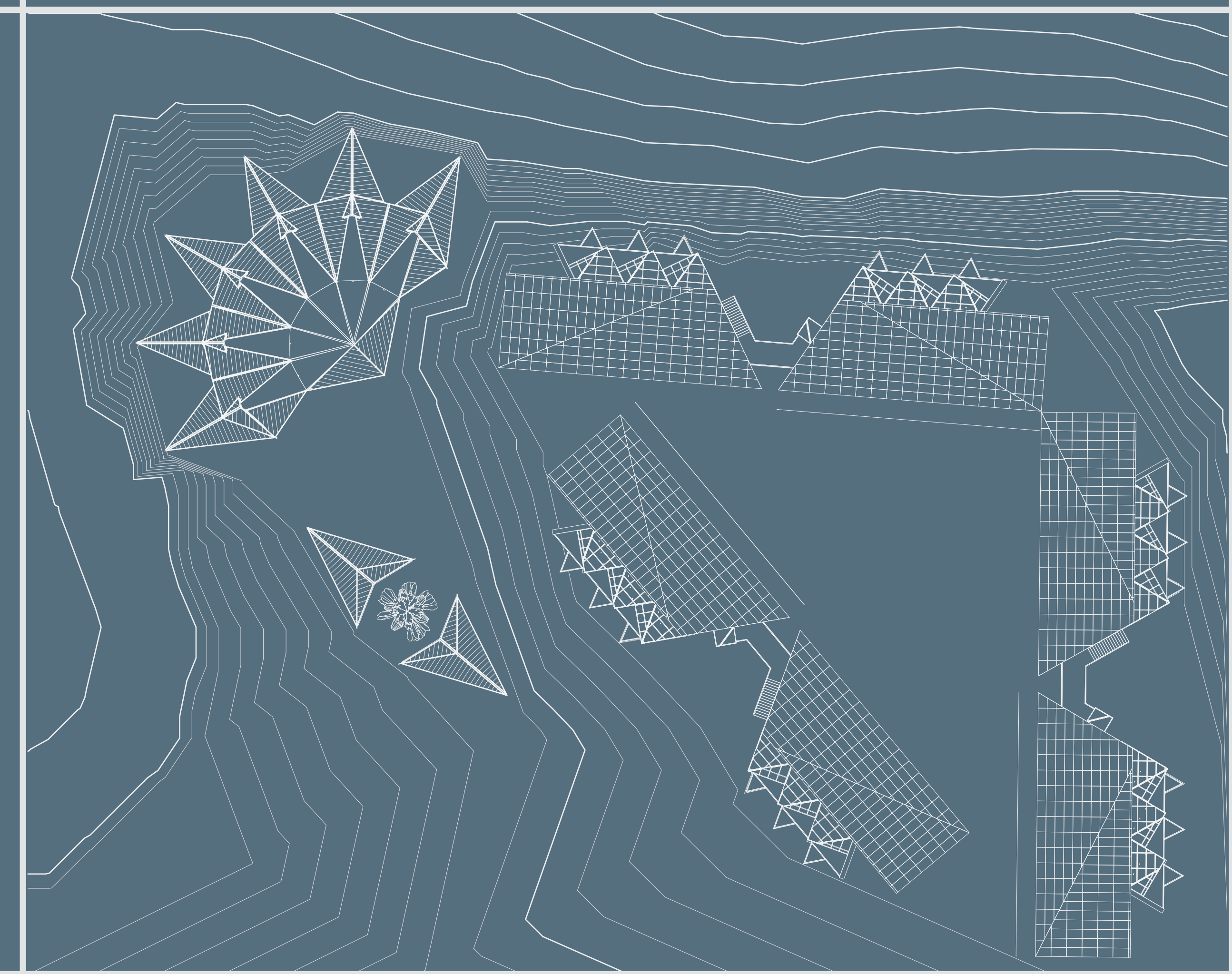
Conference Center | Elevation



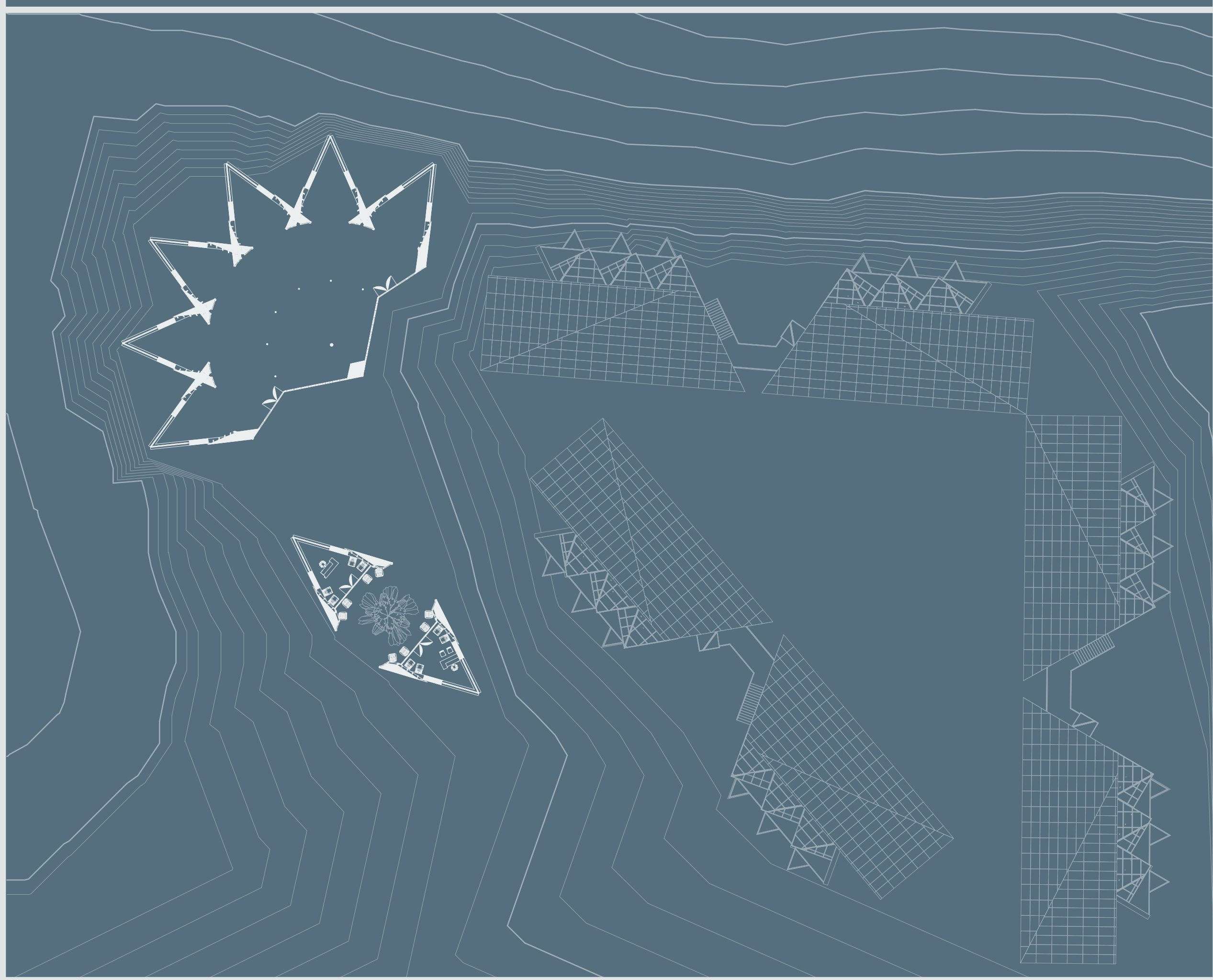
Hotel | Northern Perspective Render



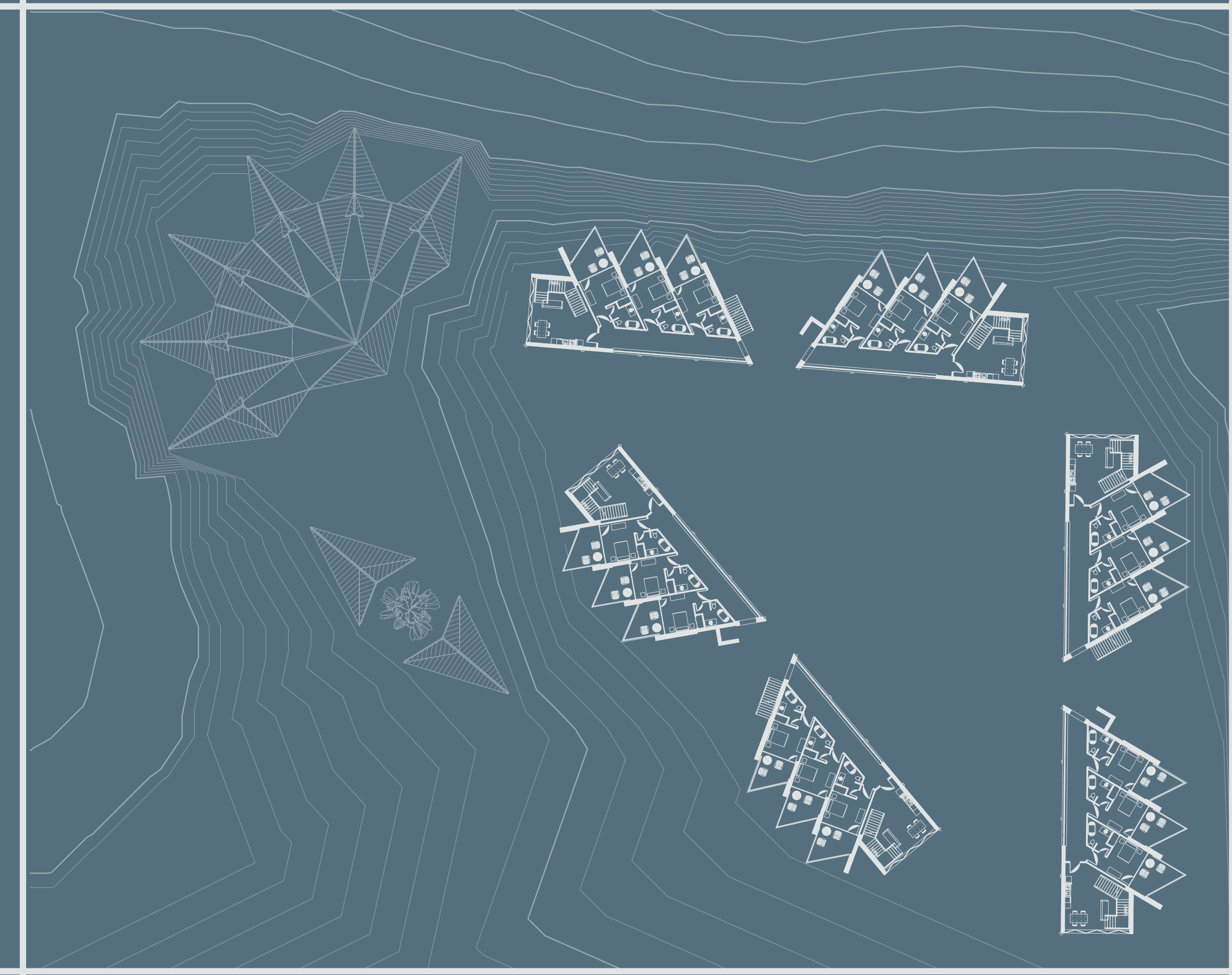
Hotel | Western Perspective Render



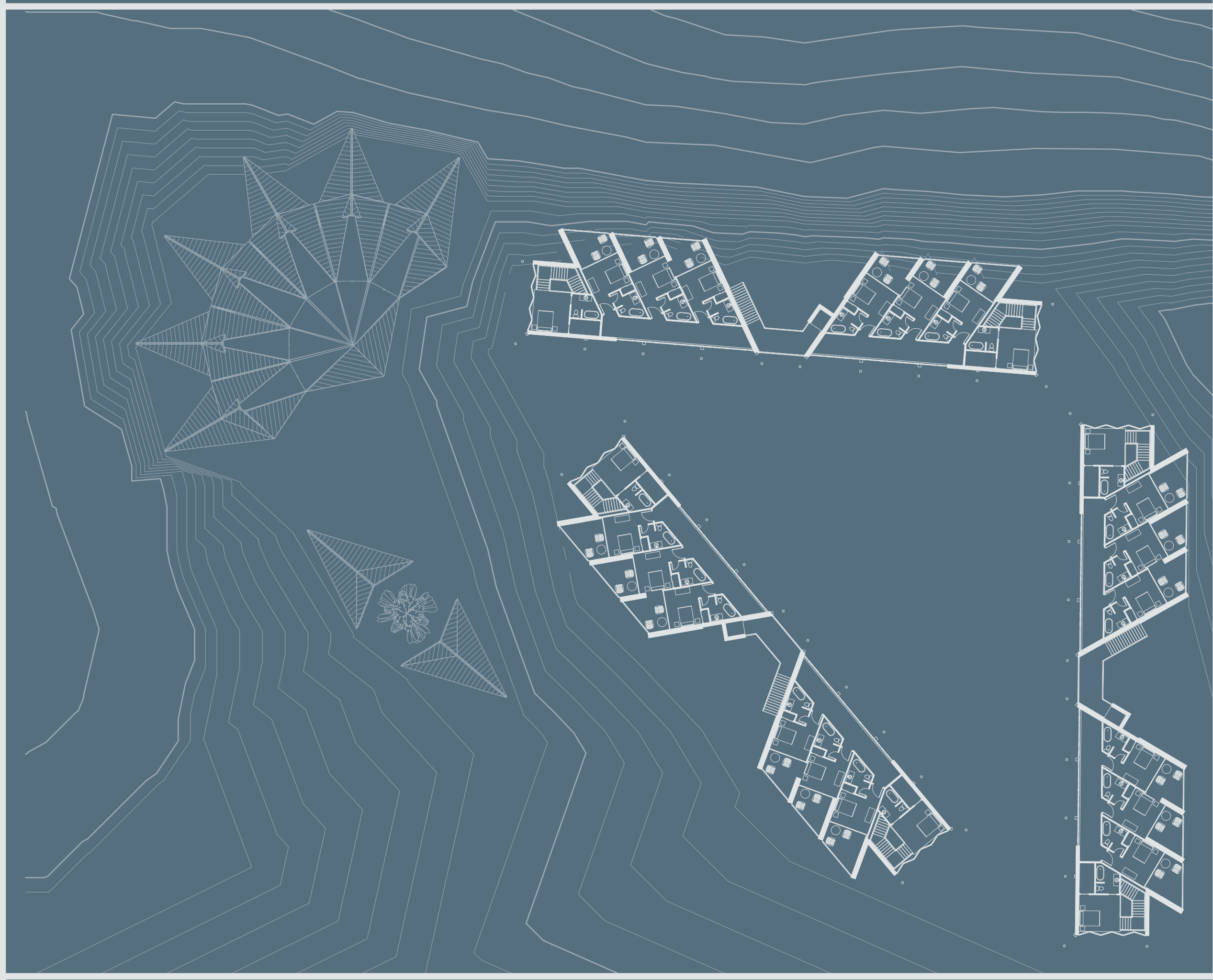
Eco-Resort | Site Plan



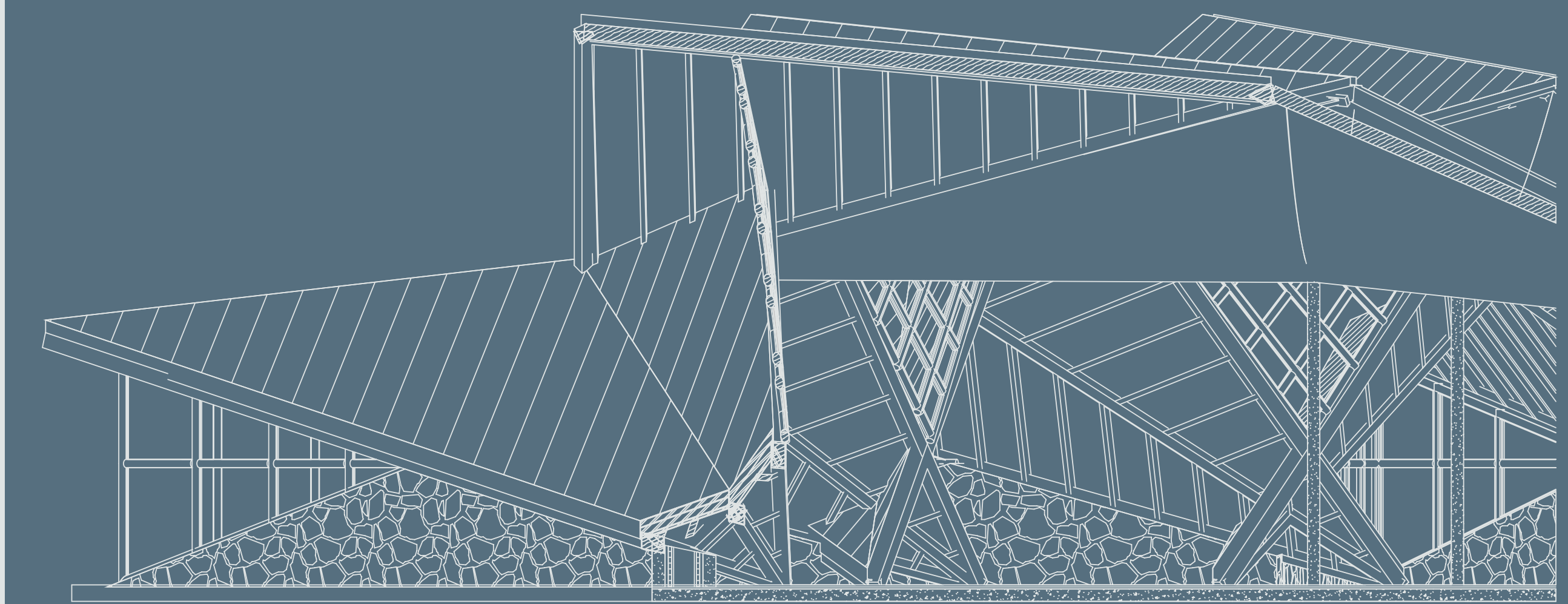
Conference Center | First Floor Plan



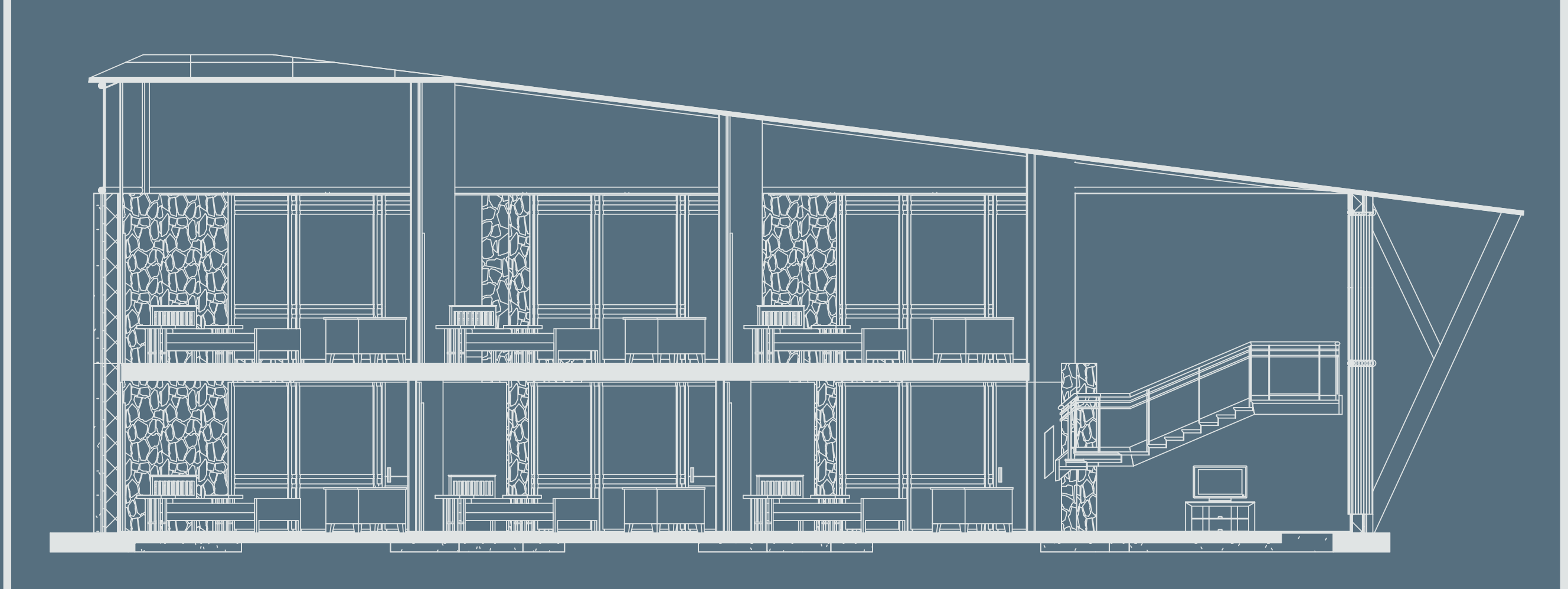
Hotel | First Floor Plan



Hotel | Second Floor Plan



Conference Center | Section



Hotel | Section