

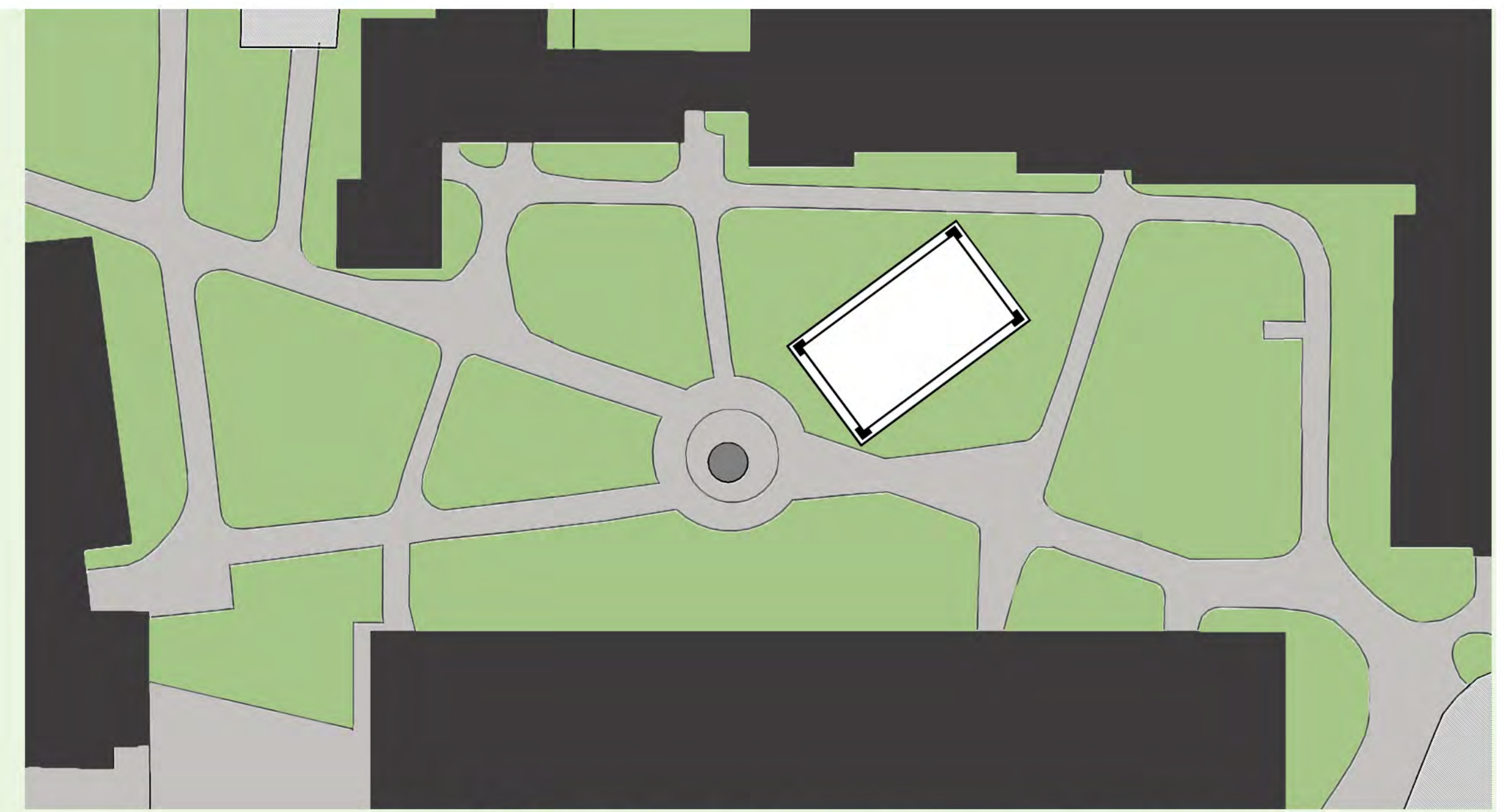
# OUTDOOR CLASSROOM

SAMUAL CASSEL

FERRIS STATE UNIVERSITY

ARCH 341 ARCHITECTURAL DESIGN 1

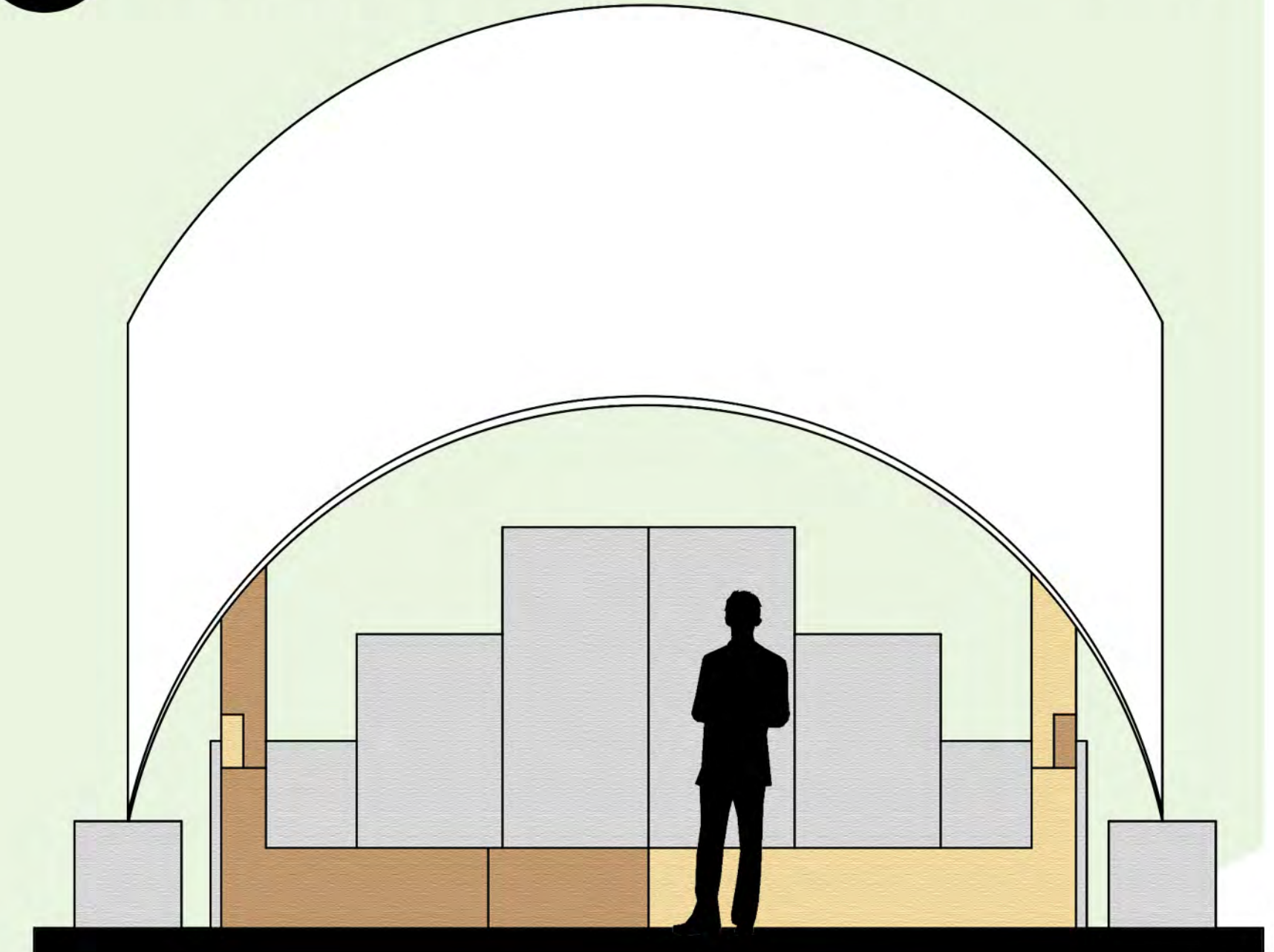
FALL 2013 - PROFESSOR D. NAGELKIRK



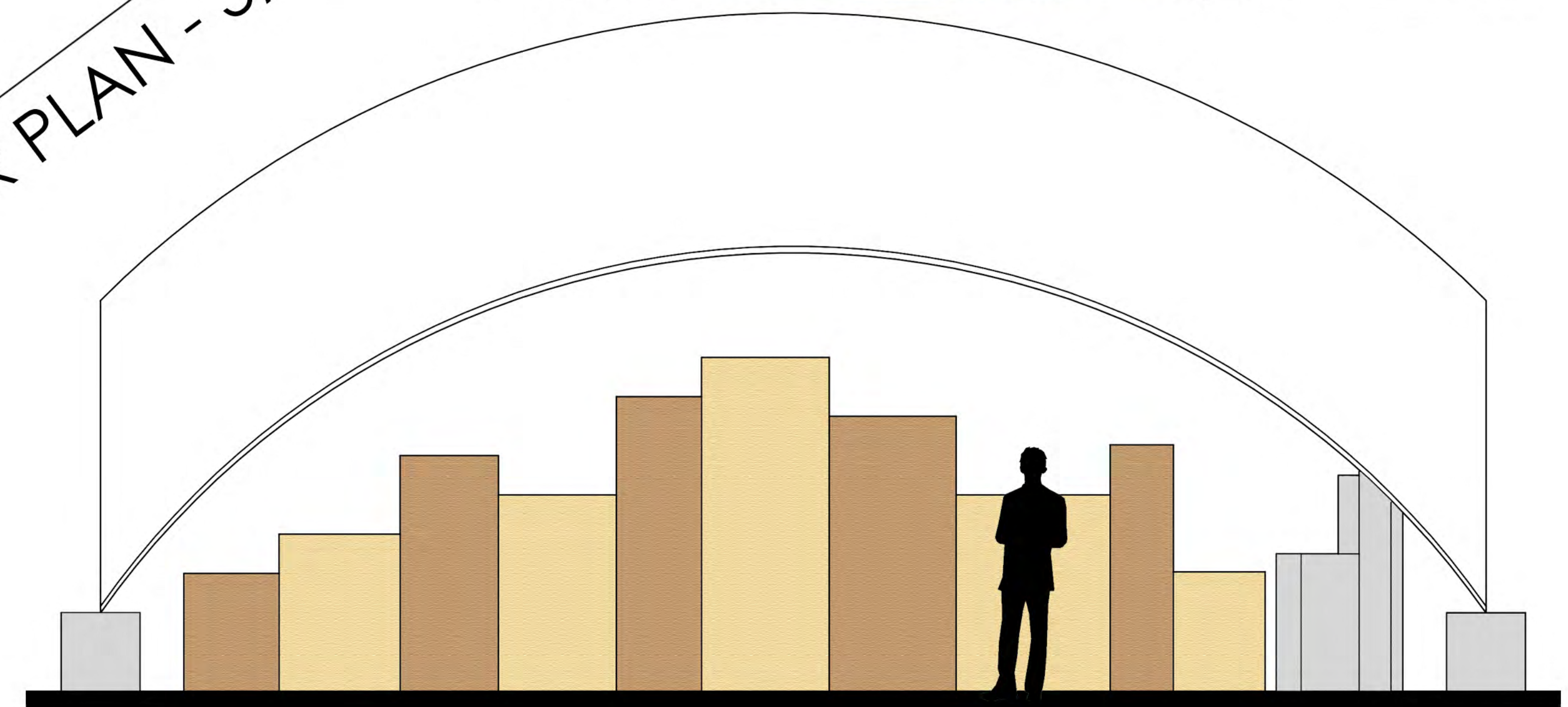
⬆️ SITE PLAN - 3/128" = 1'0"



⬆️ FLOOR PLAN - 3/16" = 1'0"



NORTH ELEVATION - 3/16" = 1'0"



EAST ELEVATION - 3/16" = 1'0"

The concept of the Outdoor Classroom is the creation of a space that can be utilized as a learning facility, while also enjoying the calming environment of nature. This space was designed to facilitate a conducive learning environment for a maximum group size of 25 people. In addition to being a learning facility, this space also is protected from the elements through the use of a tensile fabric roof structure. This translucent material along with the openness along the walls allows a vast quantity of sunlight to illuminate the structures interior. Since natural light is provided, electricity use is significantly reduced. Continuing in the path of sustainability, the facility also has fixed seating which is made up of recycled cedar clapboard over concrete. Unlike the surrounding buildings that utilize brick and metal components for their primary building materials, the Outdoor Classroom is unique. The tensile fabric and cedar clapboard bring a new, contrasting style to the area. Altogether, this classroom is sustainable, playful and functional and is stimulating in form and composition.