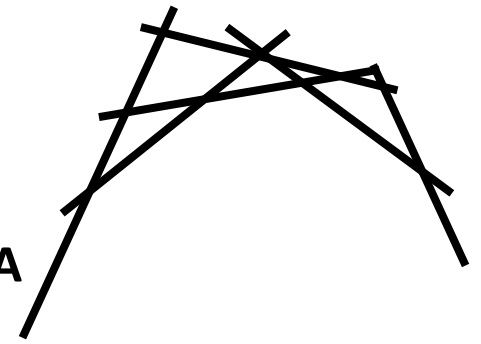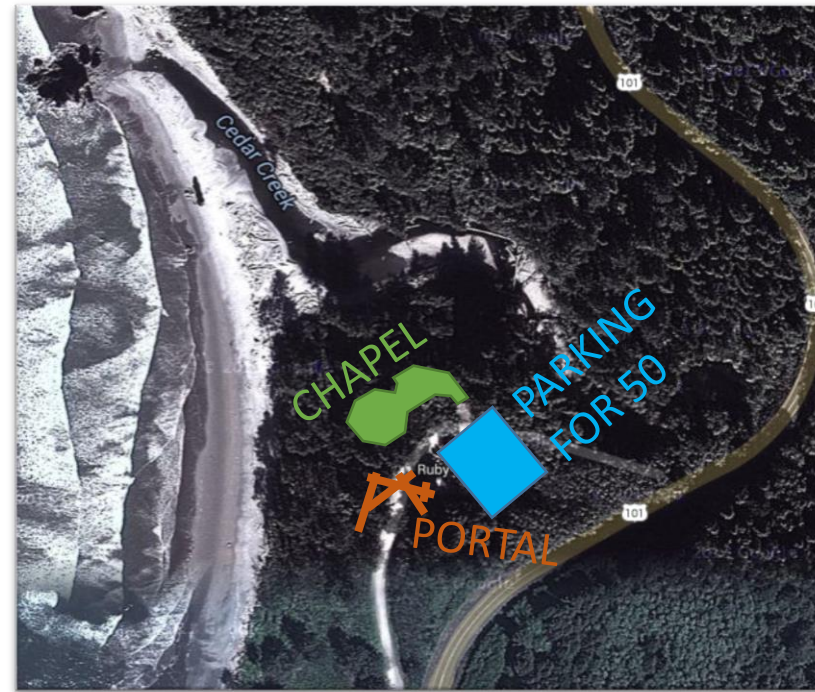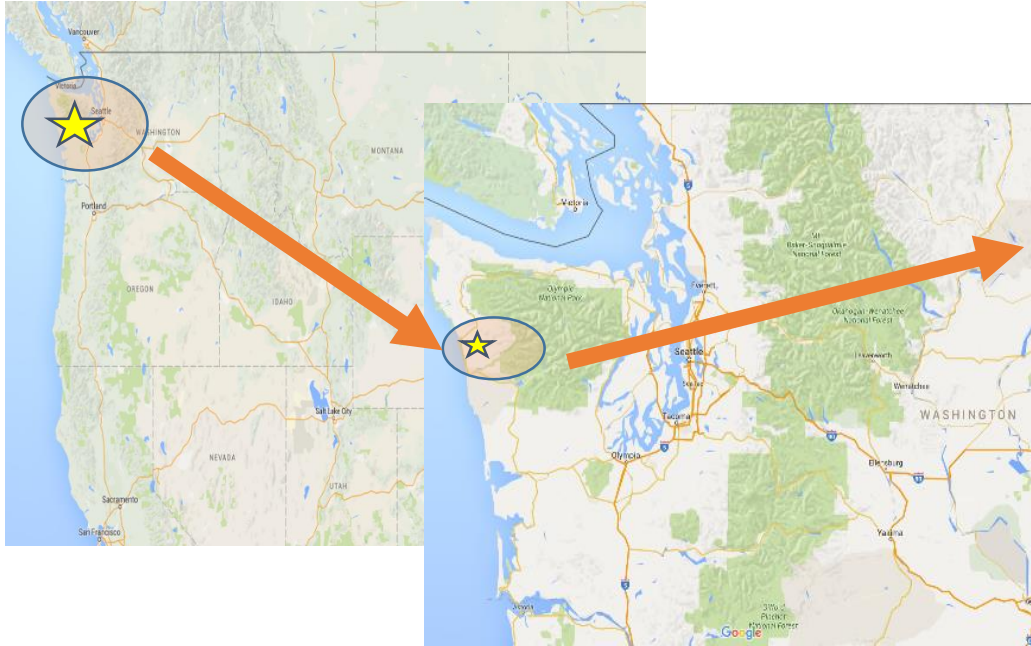# CHAPEL OF COLLECTION

PORT ANGLES, WASHINGTON ON THE OLYMPIC PENNINSULA
UNDERGRADUATE SUBMISSION – STUDIO PROJECT

The assignment was to design an interfaith chapel that guided patrons from portal entry to path and finally to arrival at the chapel. The location was to be set in a National Park and derive inspiration from the unique feature of the surrounding environment. Enormous driftwood logs collect in the protective cove formed by Cedar Creek from the changing tides creating different gathering areas for these logs. This becomes the concept, expressing tidal forces that collect the logs. The portal, made of existing logs from the cove, signifies the beginning of the collection and serves as the entrance into the cove. The path from portal to entrance of the chapel is surrounded by high and dense trees, furthering the concept of the cove and protection. The façade and roof line were designed to create a sense of collecting elements to form a meaningful and protective space. Once in the lobby, one will experience the raised clerestory roof to express the tall surroundings of the cove while the south facing wall uses stepped glass panels as one heads toward the chapel, thus further emphasizing the idea of collecting in a protected space. Appealing to sustainability, the chapel uses rainwater collection and filtration to help achieve L.E.E.D. gold goal.   The F.S.C. certified heavy timber support for the building emphasizes the symbolism of the protection and security that is found in the covering trees of the cove. The large wooden beams and columns connect and intersect at geometrically calculated locations creating the sense of collection in the center of the chapel.   Clerestories bring natural light into the chapel, symbolizing holes in the forest canopy. The wood interior will help to softly reflect that light and create a solemn and dimly lit space for reflection and collection.

LOCATION AND SITE

SITE PLAN

- NORTHWESTERN COASTLINE OF WASHINGTON

- ACCESS FROM 101 Olympic Highway

- ¼ MILE HIKE TO BEACH AND TIDAL PONDS OF CEDAR CREEK

- 3 MILE HIKE NORTH TO MOUTH OF HOH RIVER

STREET VIEW OF SITE FOR PORTAL

INSPIRATIONAL IMAGERY

LOGS COLLECTING ALONG SHORE

VIEW OF BEACH FROM CHAPEL SITE

PARTI DEVELOPMENT

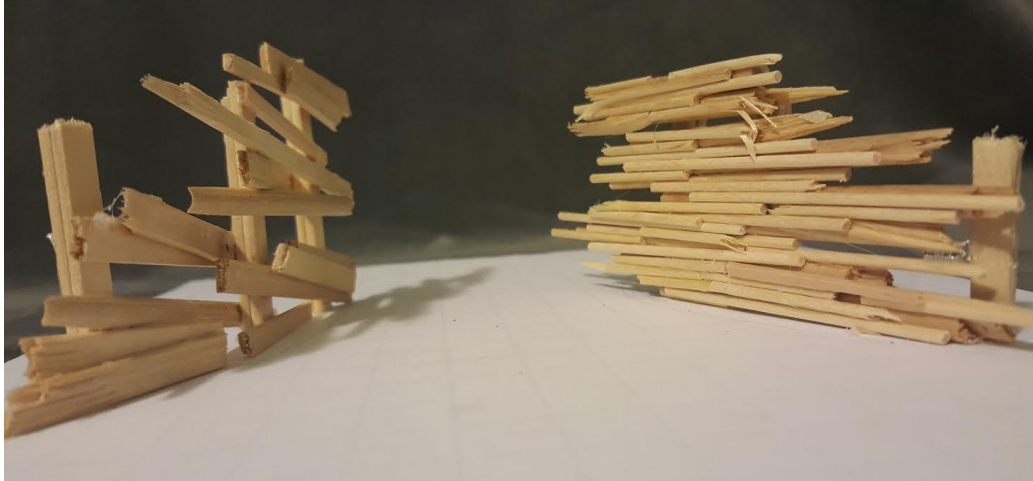LOGS COLLECT AT DIFFERENT LEVELS DUE TO THE CHANGING TIDES. THE CURRENTS FLOW OVER THE COLLECTED LOGS AND STACK THEM UPON ONE ANOTHER IN FLUID FORMS.

INSPIRATIONAL MASSING MODEL

SKETCH OF MASSING

PORTAL

PRELIMINARY PORTAL PARTI

PRELIMINARY PORTAL MODEL

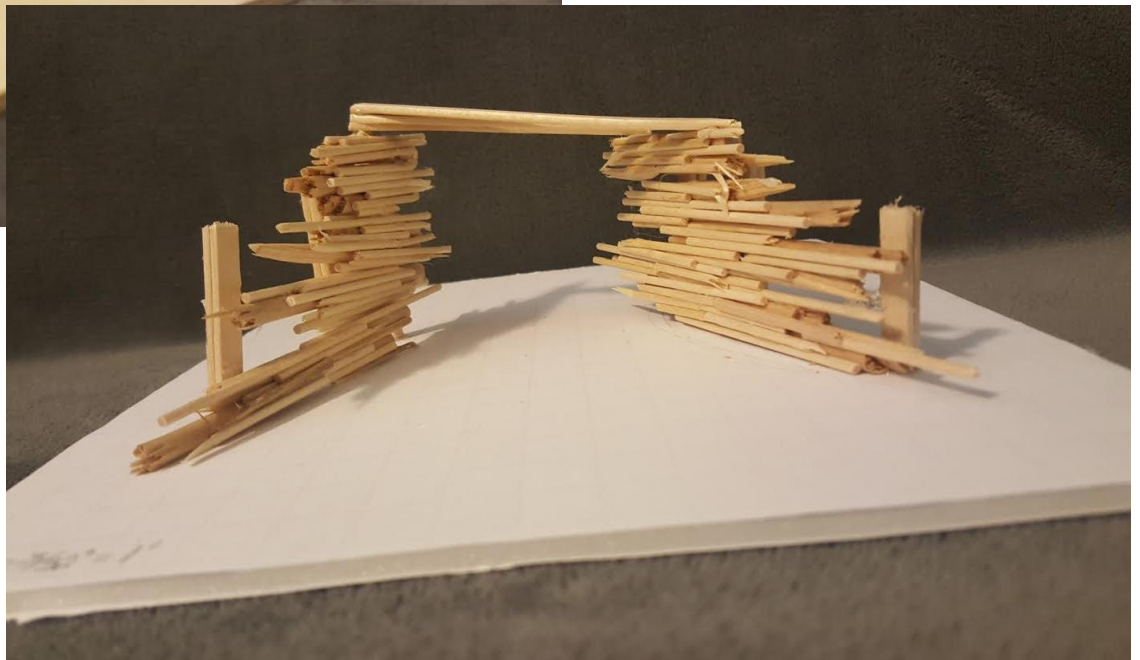THE PORTAL SERVES AS THE ENTRANCE INTO THE COVE AND IS SYMBOLIZES THE BEGINNING OF COLLECTION

PORTAL MODEL STUDY

PORTAL DEVELOPMENT

THESE PRELIMINARY PORTAL MODELS FOCUSED ON THE LOGS AND STUDYING THEIR RELATIONSHIP WITH EACH OTHER THAT WOULD HELP EXPRESS THE ORGANIC FORMS OF COLLECTION WHILE STILL APPEARING AS ORGANIZED ARCHITECTURAL ELEMENT.
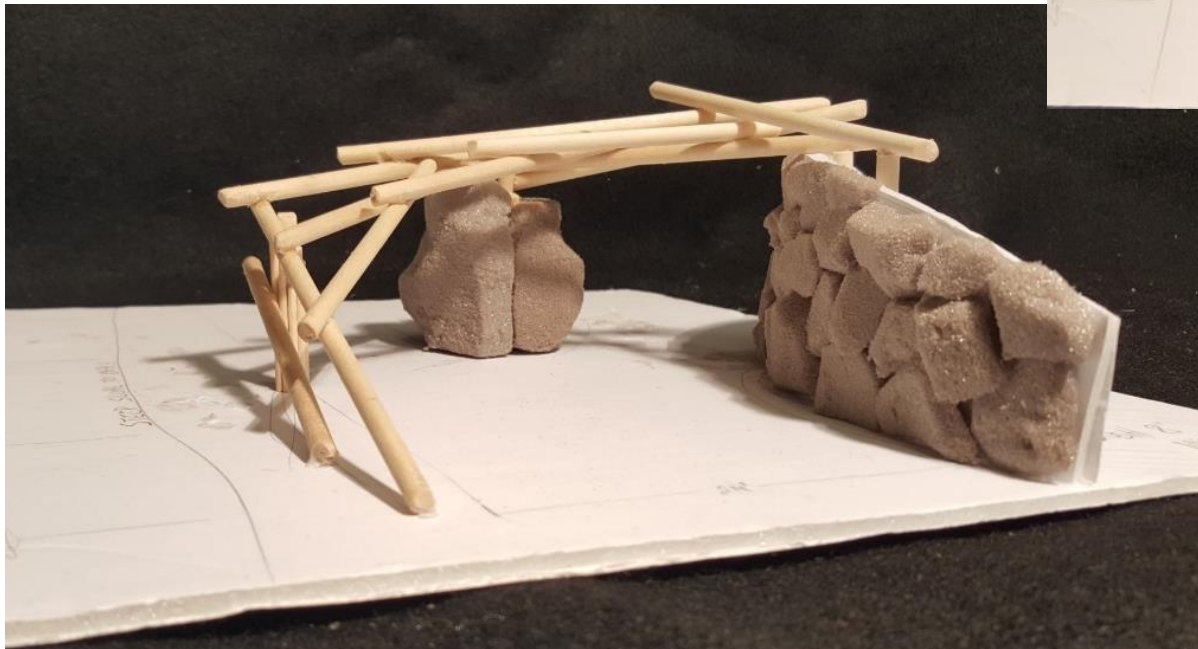

PORTAL MODEL STUDY

PORTAL MODEL STUDY

FINISHED PORTAL

FINAL PORTAL INCORPORATES ROCKS TO
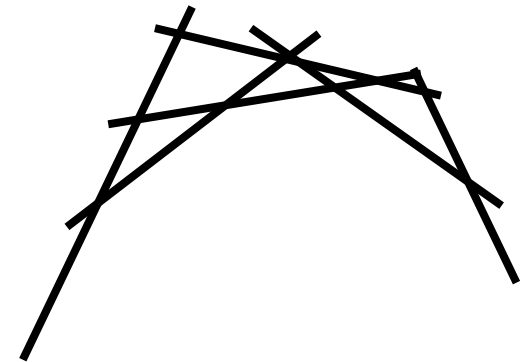SHOW SUPPORTIVE RELATIONSHIP WITH LOGS

LOG INTERSECTIONS AT GEOMETRIC DISTANCES
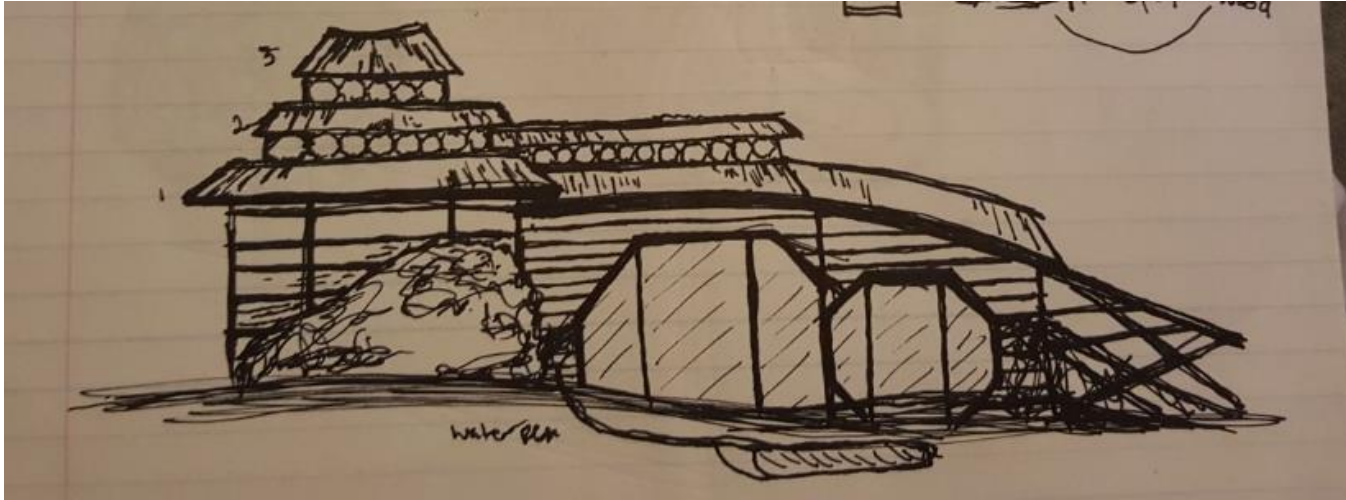INSPIRED BY THE FIBONOCCI SEQUENCE

PLAN OF PORTAL

PICTURE OF PORTAL MODEL

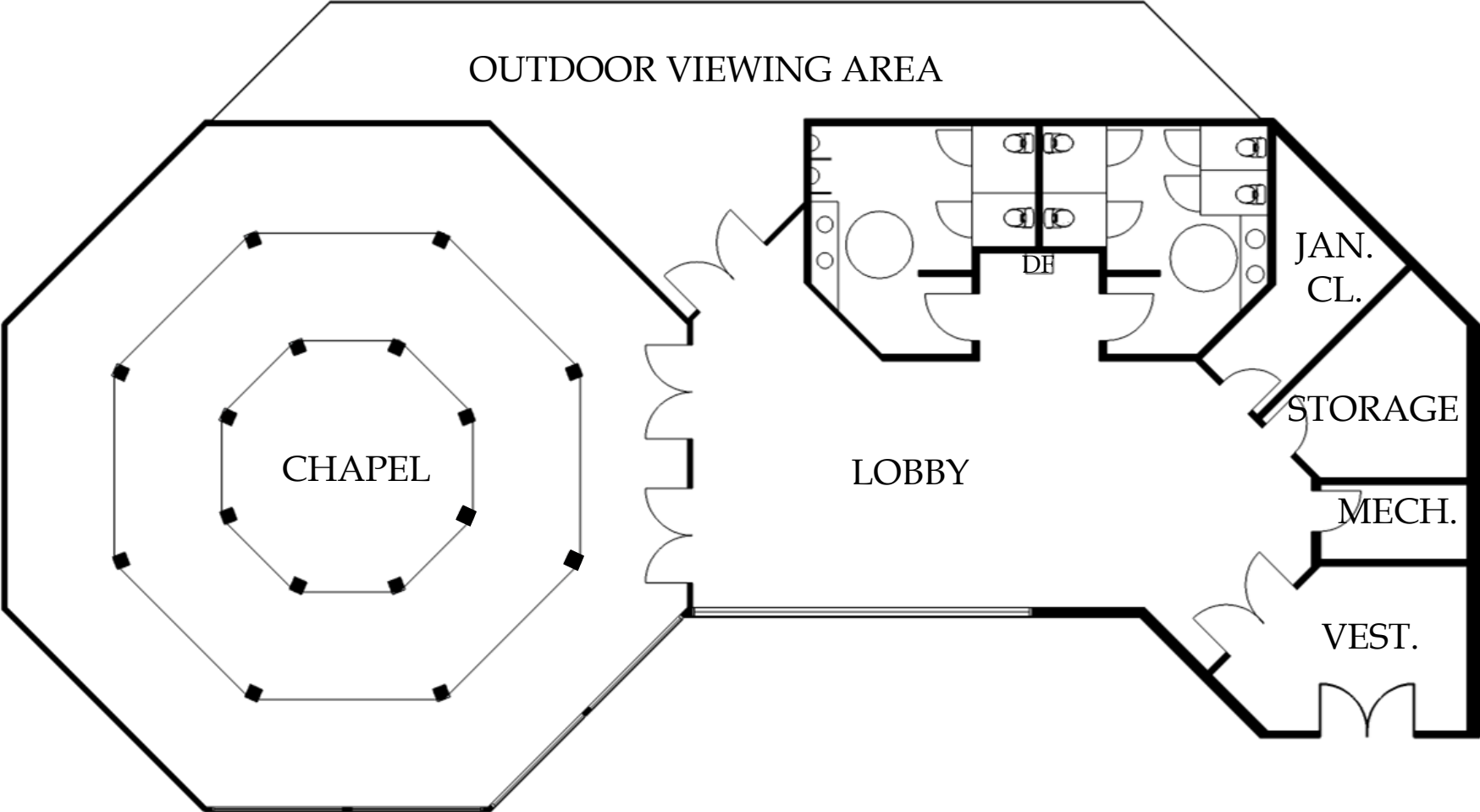FINISHED PORTAL PARTI

CHAPEL SCHEMATICS

SKETCH STUDY OF SOUTH ELEVATION

MASSING MODEL

CHAPEL FLOORPLAN

OUTDOOR VIEWING AREA

CHAPEL

LOBBY

DF

JAN. CL.

STORAGE

MECH.

VEST.
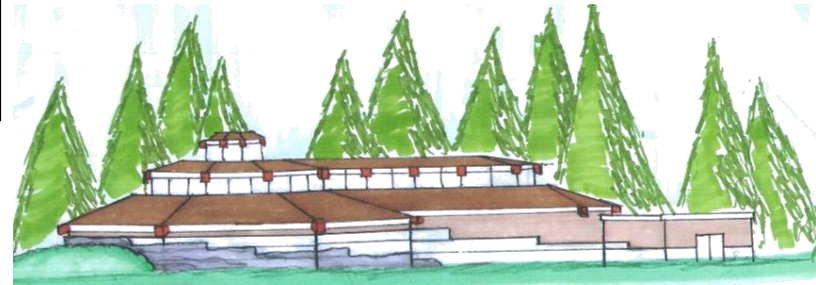
CHAPEL EXTERIOR

THE FAÇADE SYMBOLIZES THE LOGS ELEVATING WITH THE TIDES AND COLLECTING IN THE COVE

THE CLERESTORIES ELEVATE THE ROOFS TO DIFFERENT LEVELS SYMBOLIZING THE LOGS COLLECTING ONTOP OF EACHOTHER IN THE COVE
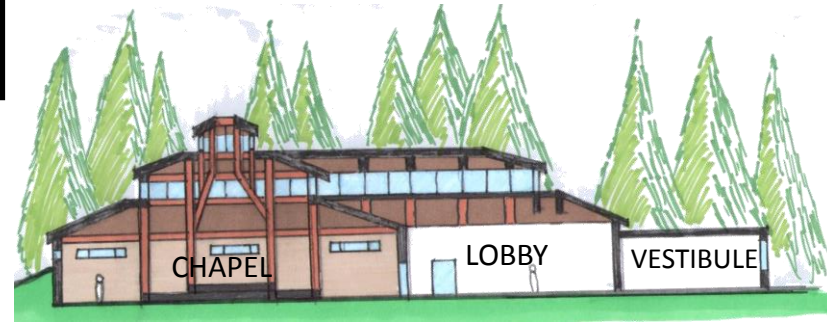

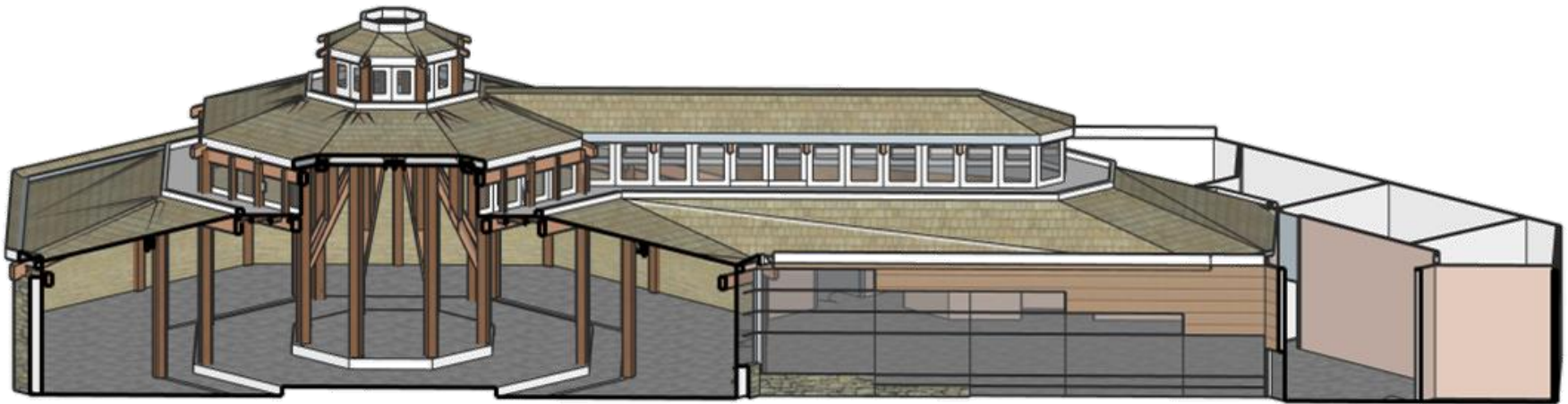SOUTHERN ELEVATION SKETCH

EXTERIOR RENDERING

CHAPEL SECTIONS

THE SECTION SHOWS THE USE OF F.S.C. HEAVY
TIMBER TO SUPPORT MULTIPLE CLERESTORIES

THE CHAPEL AREA SYMBOLIZES THE
PROTECTION OF THE COVE WITH WOOD
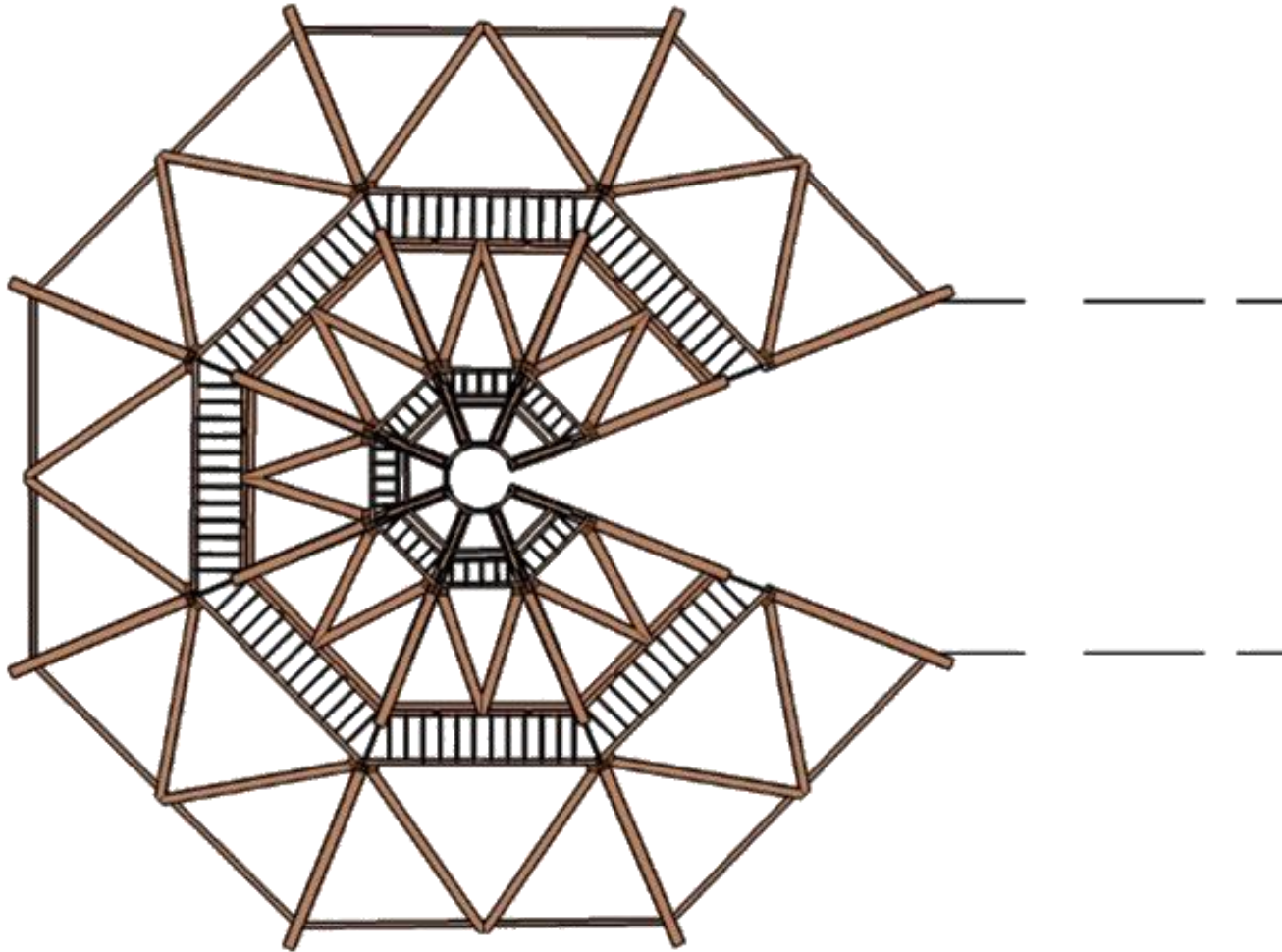COLUMNS STRETCHING UP AND BRANCHING
OUT TO SUPPORT THE ROOF

CHAPEL   LOBBY   VESTIBULE
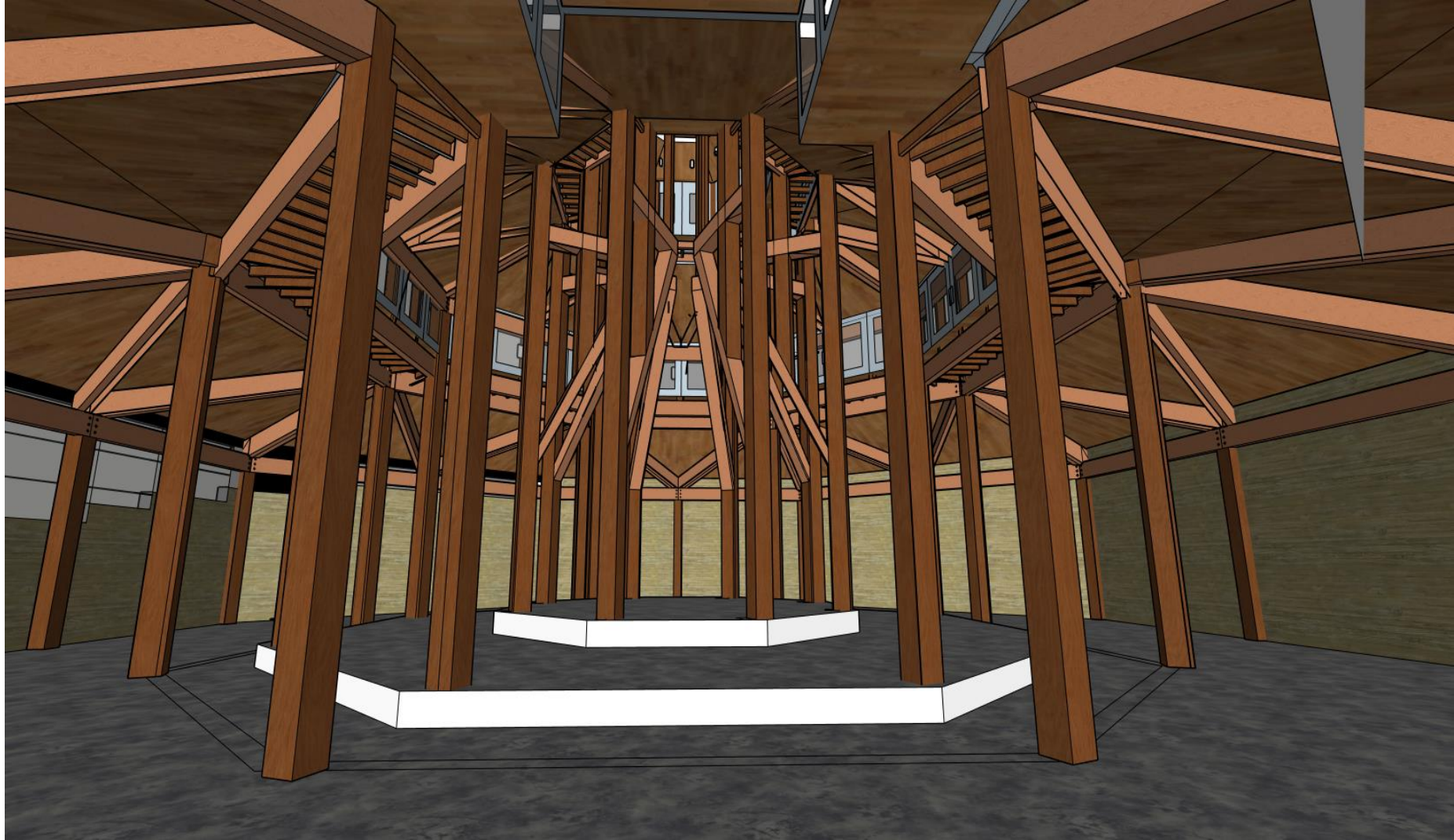
SECTION SKETCH

SECTION RENDERING

CHAPEL TECHTONICS

ROOF SUPPORT STRUCTURE

CHAPEL TECHTONICS

RENDERING OF CHAPEL INTERIOR