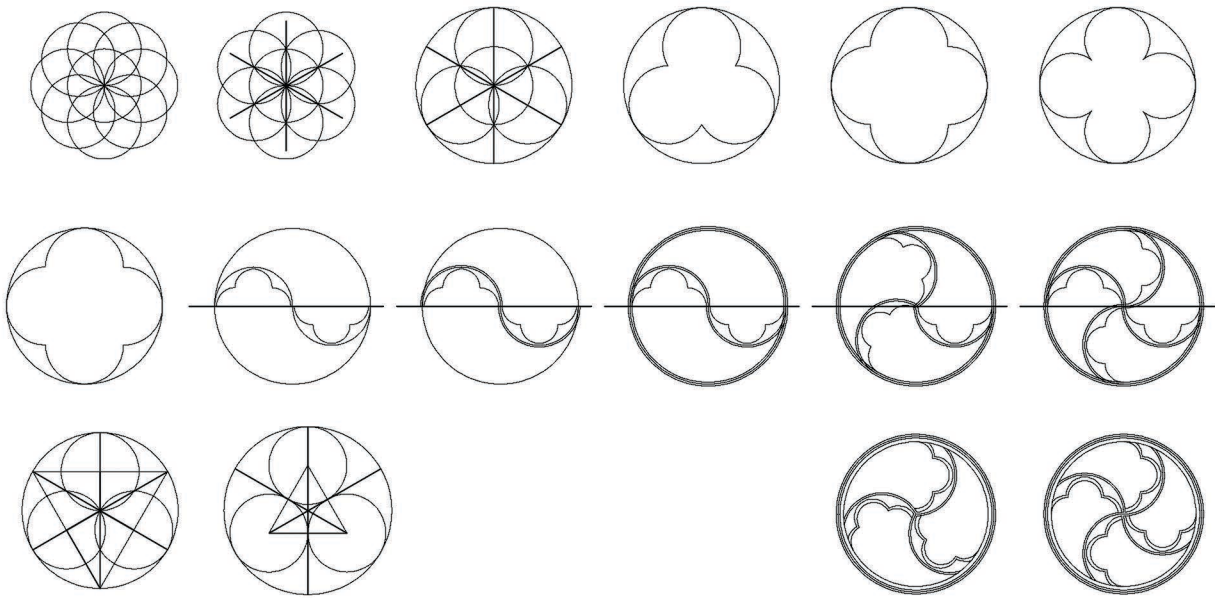
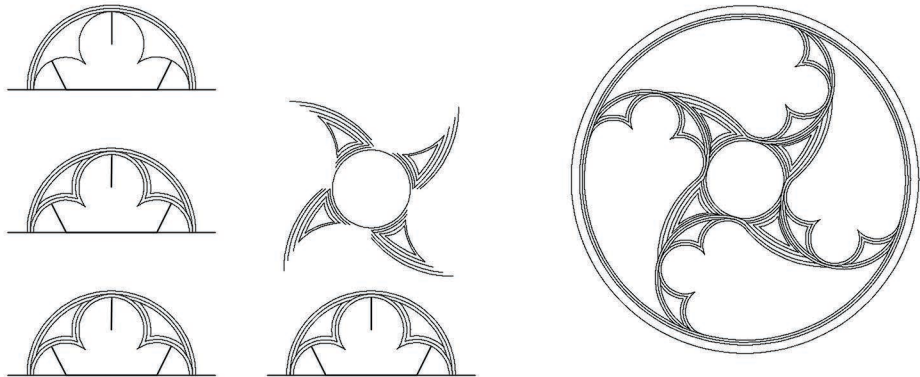


PROCESS



FOLLOWING THE RESEARCH ON WINDOW ORNAMENT, THE 'DIGITAL SKETCHES' SHOW PROCESS OF GEOMETRICAL CONSTRUCTION OF SUCH ELEMENT. THE GOAL WAS TO UNDERSTAND THE GEOMETRY AND CREATE A PHYSICAL MODEL WITH EXPLORATION OF DEPTH AND 3D POTENTIAL.

RENDERINGS SHOWING EXPERIMENTS WITH VAULTS AND SPHERICAL BOOLEAN OPERATIONS. THE EXPERIMENTS INCLUDE CUBIC BOUNDARY FOR A VAULT ELEMENT AND A VARIATION ON SPHERE PACKING.



UNDERSTANDING OF ROSE WINDOW BASIC GEOMETRY. SIMILAR LOGIC IS USED IN THE SCRIPT FOR INTERSECTING CIRCLES AND CREATION OF RIBS IN THE VAULT ELEMENTS.

