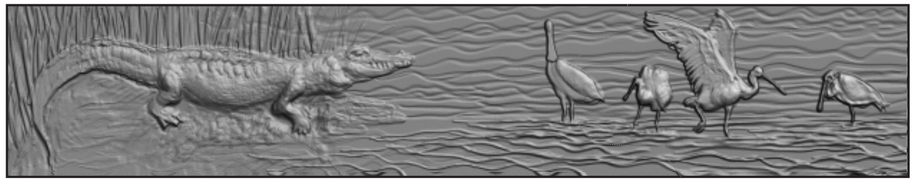
Artwork for Pre-cast Concrete Wall Panels
Office Building Replacement
Rockefeller Wildlife Refuge
Grand Chenier, LA

PANEL C
24' 11" H. x 7' 9" W.
192 S.F.



PANEL AAAA
4' H x 21' W.
84 S.F.

PANEL A
24' 11" H. x 12' 0" W.
300 S.F.

RENDERINGS

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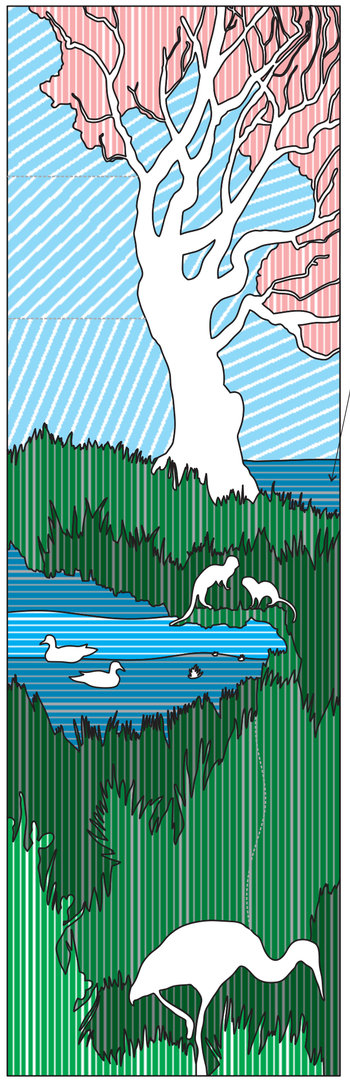
TOTAL RELIEF DEPTH 1-1/2”



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Foreground Components
The Foreground Components can be routered as separate profiles finished with a small ball mill and small stepover to maximize detail. These will range in depth from about 3/4” thick for the larger components to 1/4” thick for the smaller. In general these components will stand proud on top of the underlying component, but will be inset when necessary to maintain the maximum relief depth. Depths listed below are approximate.

ANIMAL or PLANT FEATURE: 0” to -0.75”

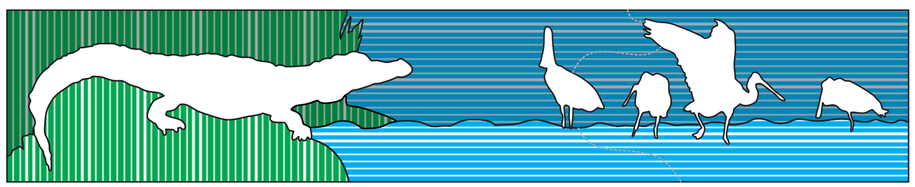
Middleground Components
The Middleground Components can be divided into organically shaped sections to fit on the router table and to integrate the joints into the design. The heightfeild map in each section is routered with a large to medium ball mill and stepover following a raster toolpath pattern angled to match the overall flow of the design in order to leave a fluting texture while minimizing cut time. In the “Water” this will be a horizontal pattern, and in the “Grass” a vertical pattern. These components are roughly 3/8” thick. Depths listed below are approximate.

DEPTH 1 GRASS: 0” to -0.375”
DEPTH 2 GRASS: -0.375” to -0.75”
DEPTH 3 GRASS: -0.75” to -1.125”
DEPTH 4 WATER: -1.125” to -1.5”
DEPTH 1 TREE: 0” to -0.375”
DEPTH 3 WATER: -0.75” to -1.125”

Background Components
The Background Components can be divided into sections to fit on the router table and to integrate the joints into the design. The heightfeild map in each section is routered with a very large ball mill and large stepover in a raster toolpath pattern angled to match the overall flow of the design in order to leave a fluting texture while minimizing cut time. In the “Sky” these angles will follow the direction of the bird’s flight and the linear markings in the heightfield drawing. Here the joints are not intended to be completely seamless except where crossing the Foreground Components. These components are roughly 3/4” thick overall. Depths listed below are approximate.

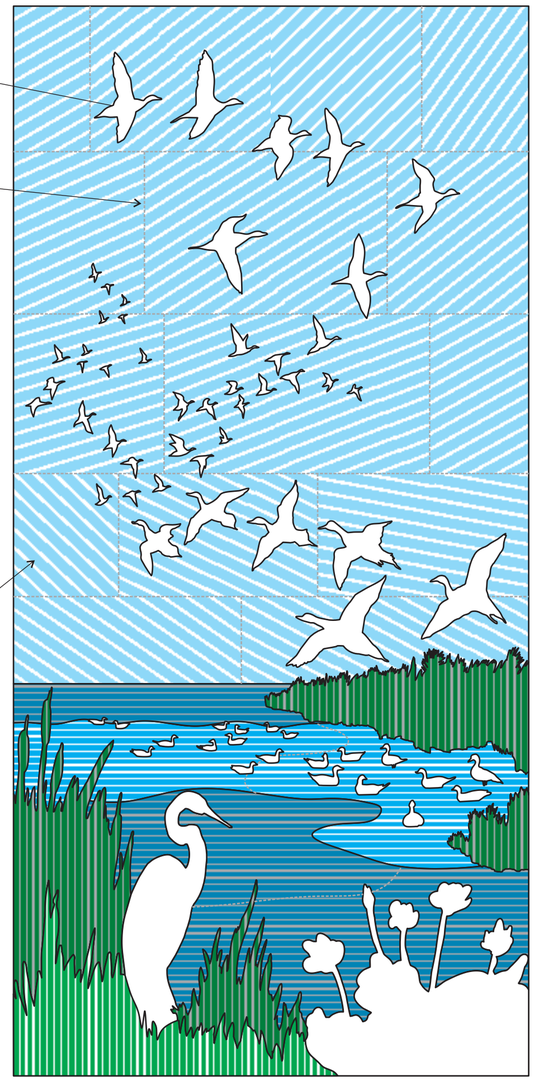
SKY: -0.75” to -1.5”

Tooling Strategy
The tooling strategy described here is not proscriptive and is meant simply to communicate how the artist envisioned making the design. It will not necessarily be the method used depending on the shop fabricating the tooling and their individual practices. The digital heightfeild drawing and associated vector drawings will be made available for the production of tooling, and the artist of this design will be available to help revise the design to accommodate tooling requirements.



PANEL AAAA
4’ H x 21’ W.
84 S.F.

Potential Joint/Seam



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POTENTIAL TOOLING SECTIONS

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Greyscale Heightfeild-Map Drawings