selected works
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The Convent of La Tourette became a medium for architect Le Corbusier to express his design and architectural vocabulary. Built as a monastary to house a large community of silent monks on the hillside of Europe, Le Corbusier created one hundred small and self-enclosed rooms to accommodate to the monks’ multitude of programs such as churches, classrooms, reflectories, and individual cells. In my study of this building, I was inspired by these long corridors, the accumulation of these small spaces, and the concept that the building does not follow the slope of the land - instead, it dominates the slope with its strong and solid form.
Crafted of bamboo and alabaster, the Crescent Wing Canopy introduces a new form of shade to the students of Pasadena City College. Located in one of the main areas of circulation in the school, this form of shade provided by the new structures gives students the opportunity to enjoy the fresh air and sunlight the city offers without experiencing an overexposure to the sun. The two main structures sit on opposing sides of the amphitheater; the bamboo pipes dance around each step - intertwined to create two separate crescent-shaped canopies. The organic form the canopies take are accompanied by thin layers of alabaster patched in the spaces articulated by the wooden weaves - allowing sunlight to seep past the surface and onto the amphitheater.
As a realization of confluence among students and faculty at Pasadena City College, Conflux acts as a network that combines points of intersection and dispersion. While the existing courtyard allows for the congregation of students outside of class, this conjoined structures articulate elevated points of interest or stops without disrupting the pedestrian or vehicular traffic below. While it provides opportunity for more efficient commutes on campus, Conflux establishes balance by providing areas for resting or socializing.
Upon its construction in 1901, the Glendale-Hyperion Bridge became a popular method of transportation. However, with the development and proliferation of public transit and highways in Los Angeles, the bridge experienced a stark contrast in pedestrian vs. vehicular traffic. In order to establish a symbiotic relationship between city-goers and their community, we elevated different programmatic levels above the pre-existing commuter bridge using cables.
Despite its elite and selective academic reputation, the California Institute of Technology sits along one of the city’s pedestrian-and-vehicle-heavy streets. Through the creation of the Gateway Center, our attempt at finding a balance between the contrasting set of circulation becomes realized. Providing an area that simultaneously welcomes and slows pedestrian traffic is rooted in the exploration of interior urban landscape subverted into an interior space.
ASSEMBLY PROCESS:
AGGREGATION + REDUCTION + STRUCTURE

Antonio Gaudi
Upside-down force model that uses weights to determine the pillars for the crypt of the Church of Colonia Guell.

Upon creating individual units from the frustum planters, connect them to one another using plastic zip ties.

Once we had a large enough field, we cut off two corners on opposite ends to allow us to use Gaudi’s hanging method.

Prior to hanging the surface of planters, however, we inserted wooden dowels diagonally along the entire bed of frustums - thus providing structural support.

CATENARC
Pasadena, CA

Original Use: Jiffy Trays are originally used as plant trays. When planting, people fill the trays with seeds and then they water the trays until the walls of the pots are saturated. Once filled with seed-infused soil, the pots can be transplanted into the ground.

Material Qualities: Because of its nature as a plant pot, the material is: DISSOLVABLE + meant to CARRY and HOLD soil and plants + SHAPED and STRUCTURED like a FRUSTOM to be able to hold the seeds and plants.

Architecture 14
Materials + Construction
Spring 2015

Material: Trays

Original Use: Jiffy Trays are originally used as plant trays. When planting, people fill the trays with seeds and then they water the trays until the walls of the pots are saturated. Once filled with seed-infused soil, the pots can be transplanted into the ground.

Material Qualities: Because of its nature as a plant pot, the material is: DISSOLVABLE + meant to CARRY and HOLD soil and plants + SHAPED and STRUCTURED like a FRUSTOM to be able to hold the seeds and plants.
Once we established our unit connections, structural system, and hanging method, we were able to remove the ties and rotate the enclosure to its original upright position.
PERSONAL WORK

SENSES (left)
ACRYLIC PAINT
ART CANVAS
PERSONAL (2014)

PIER PLAY (right)
DIGITAL COLLAGE
PHOTOSHOP + LIGHTROOM
PERSONAL (2016)

COLOR + TEXTURE STUDY
IPHONE | DSLR CAMERAS
PERSONAL (2013 - PRESENT)
CONTAINED
HANDS: SCULPEY CLAY
CENTER PIECE: WIRE MESH + FLOWERS
ART 32A: 3D DESIGN (FALL 2017)

VEGETABLE / LIFE STUDY
VARIABLE MEDIUMS
ART 32A: 3D DESIGN (FALL 2017)

REALISTIC
SCULPEY + ACRYLIC PAINT

CROSS-COUNTOUR
BASSWOOD

EXPRESSIVE
WIRE MESH + FLOWERS

SKIN STUDY
CHEESECLOTH + GLUE

VOLUME
HOSE + COTTON BALLS

ART 32A: 3D DESIGN (FALL 2017)