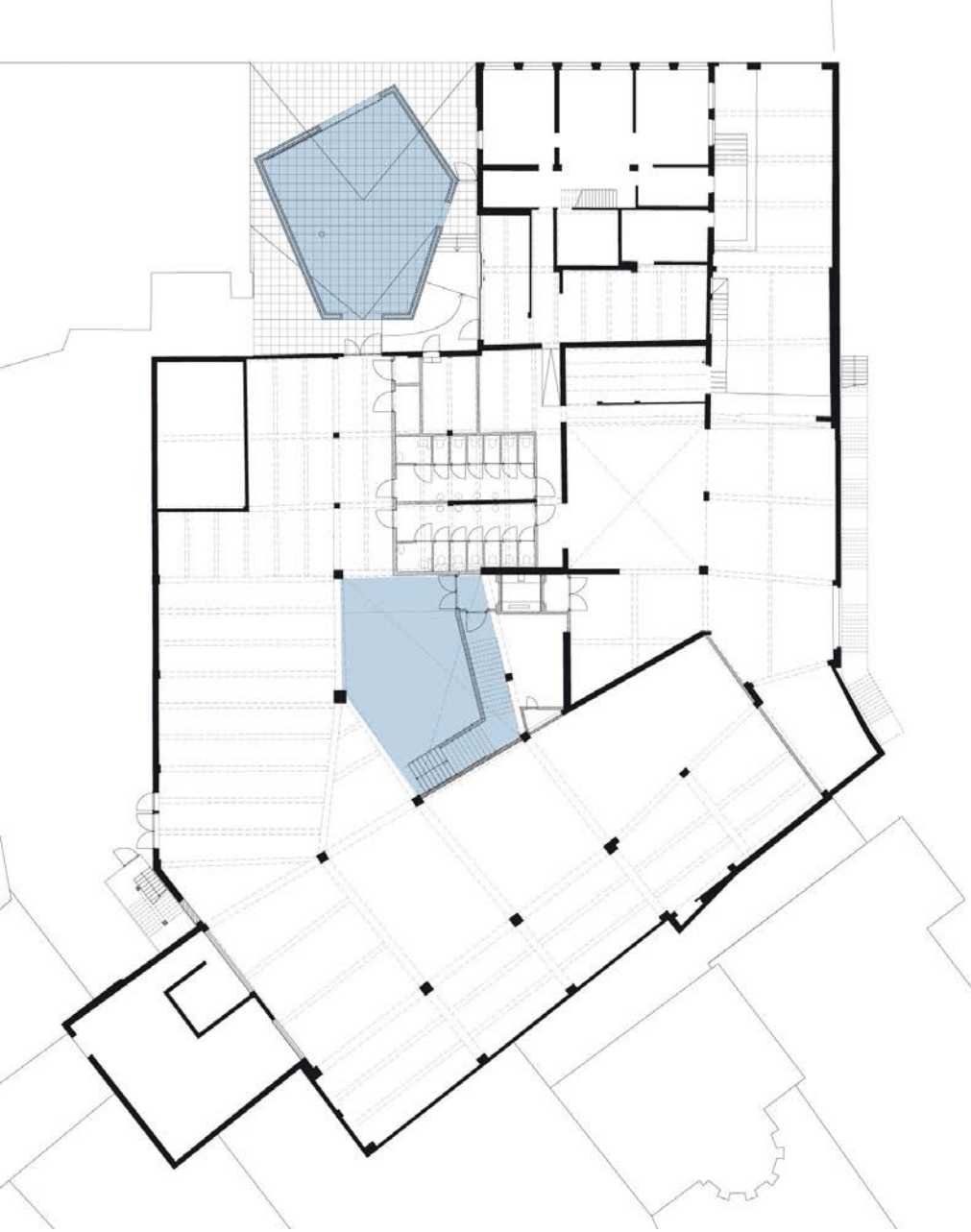




CRAFTING COMMUNITY THROUGH ARCHITECTURE

By Matt Theisen

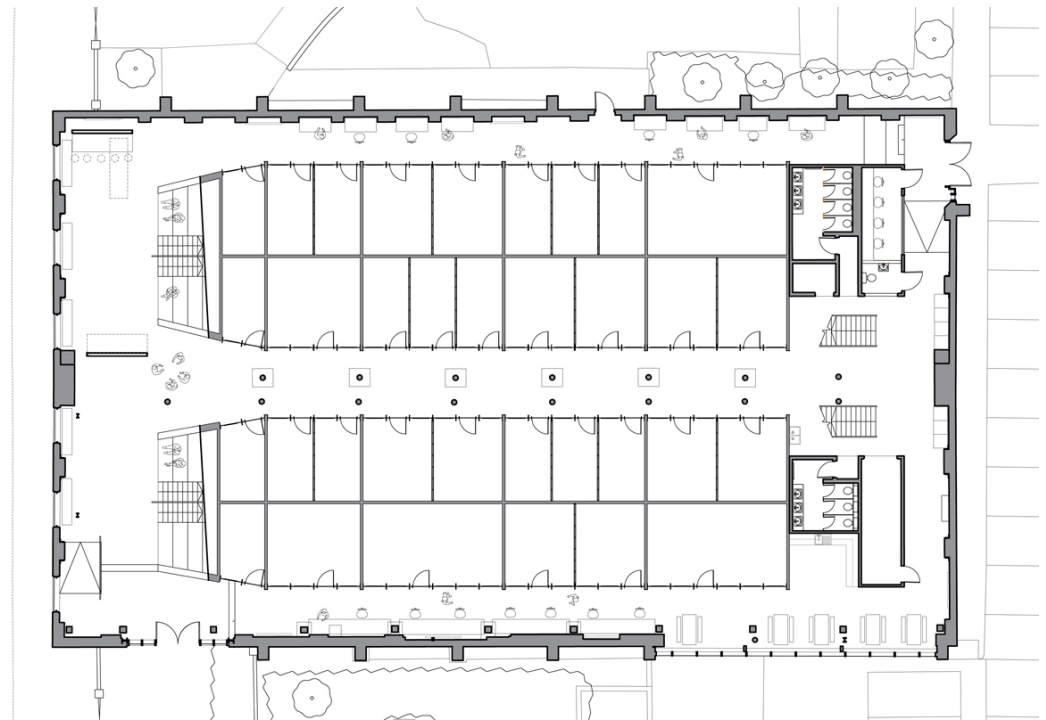
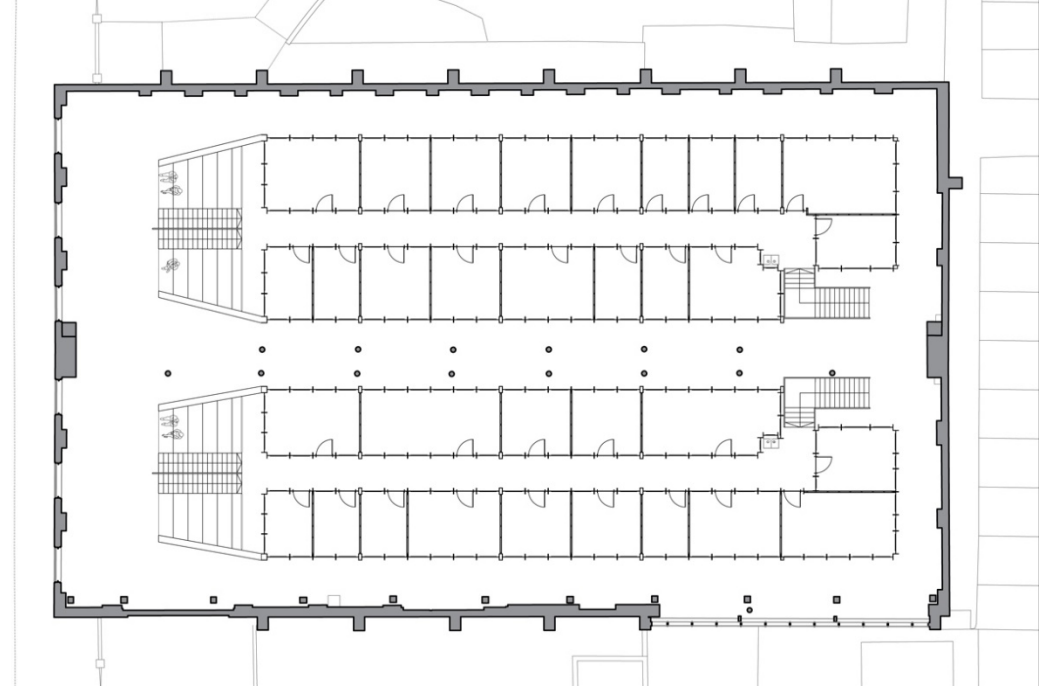


Typological Research



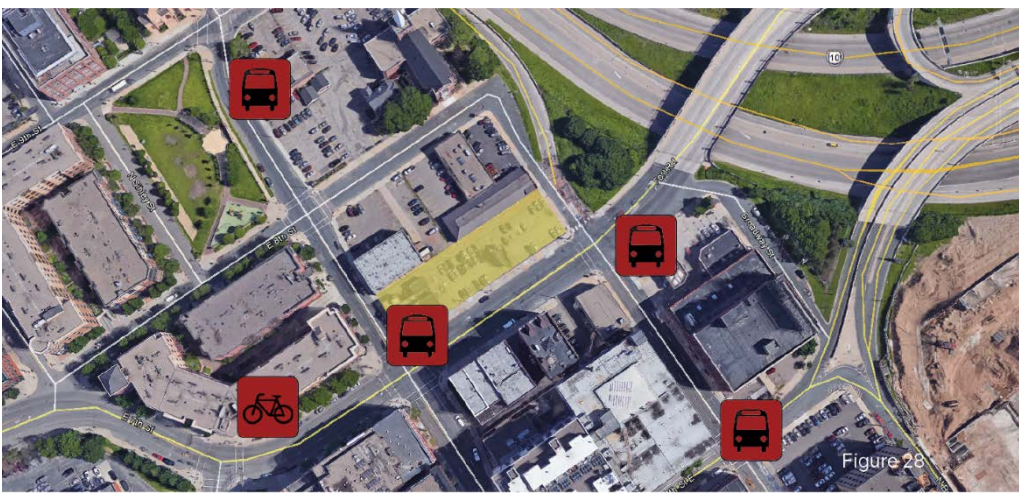


Typological Research





Site



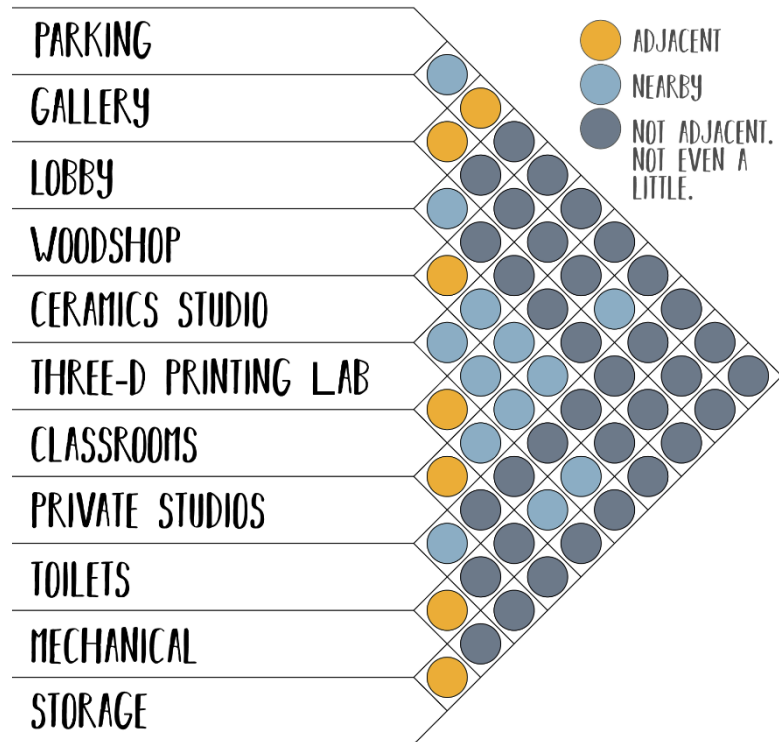
Site



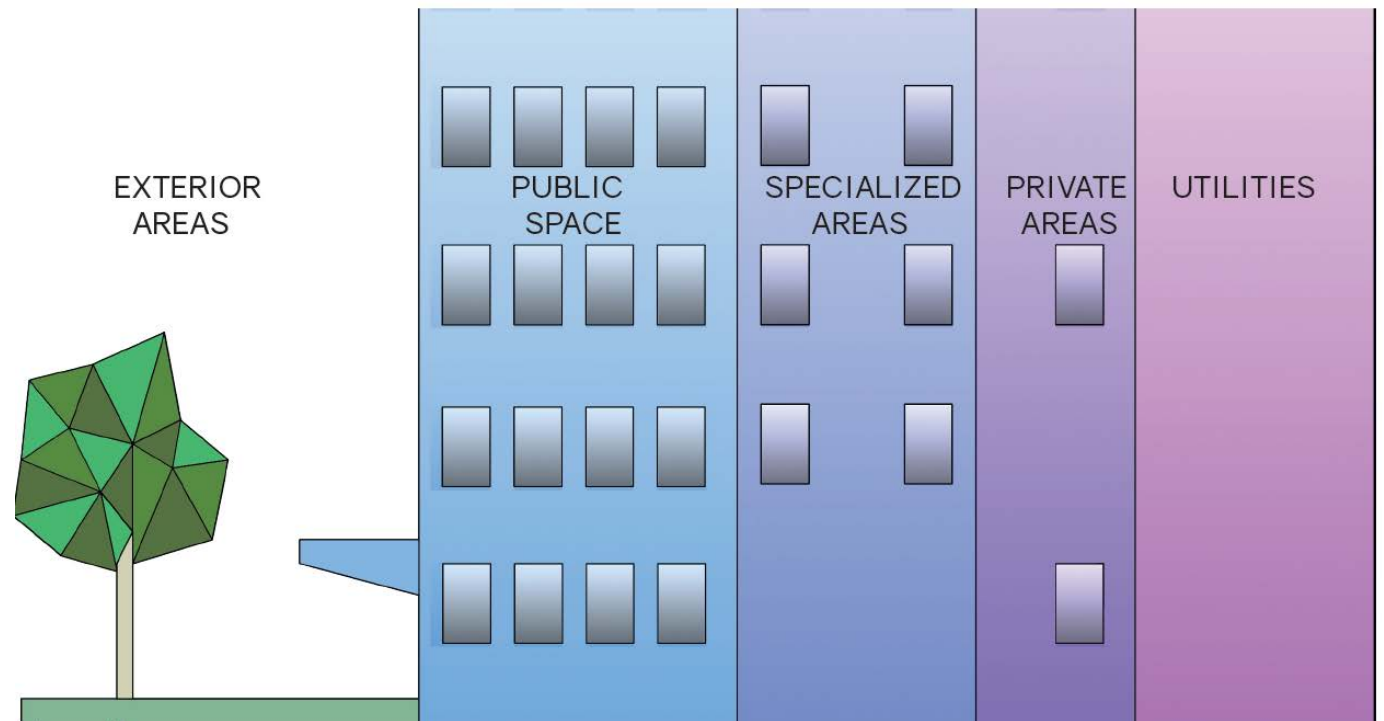


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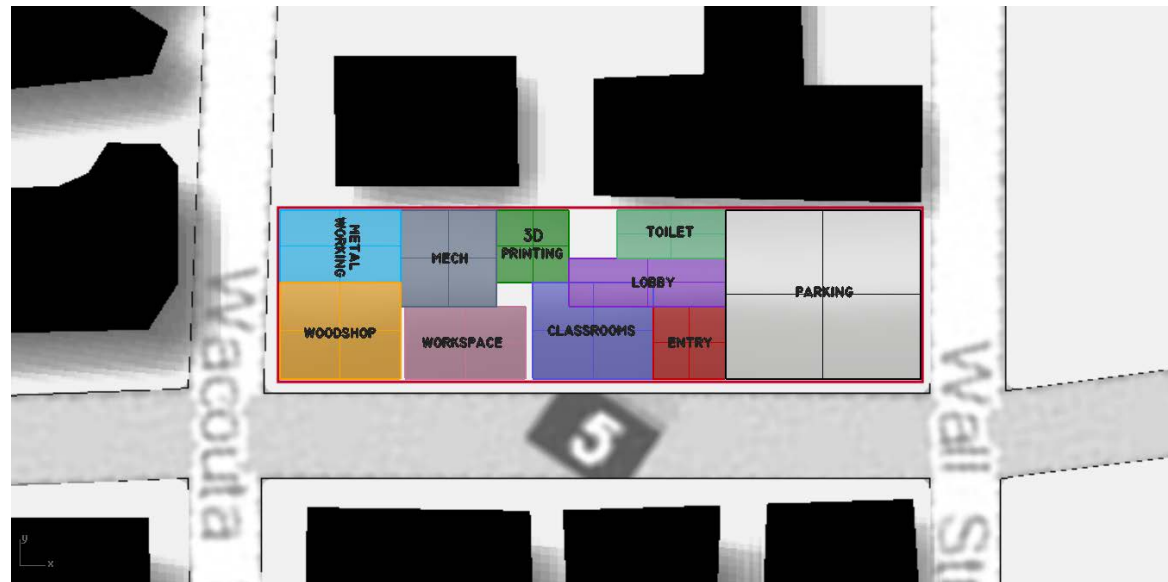
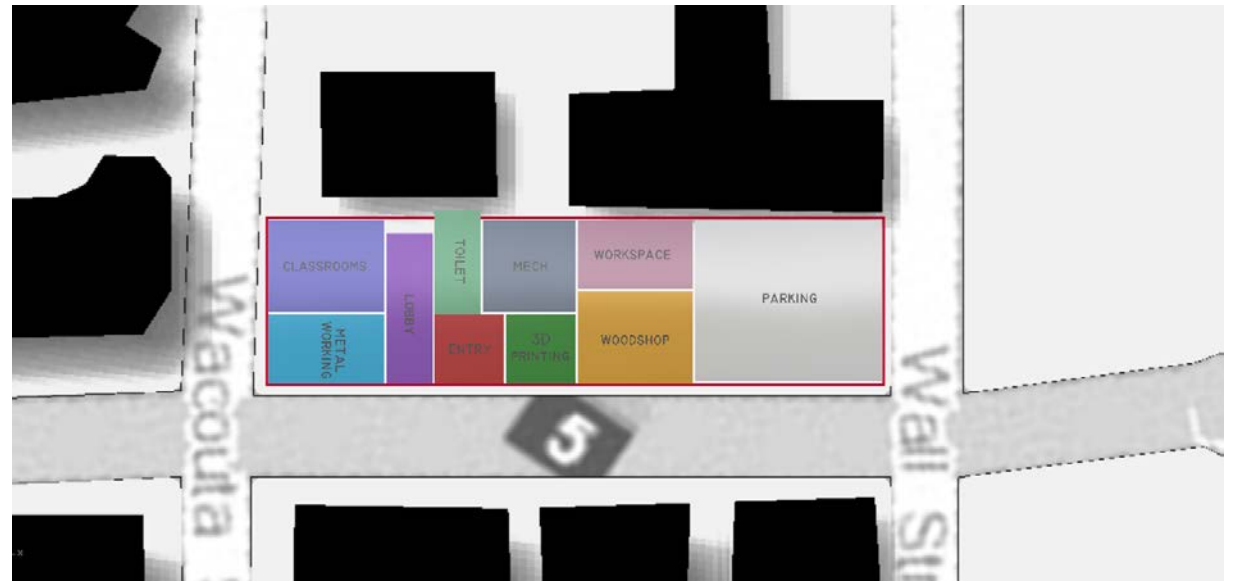
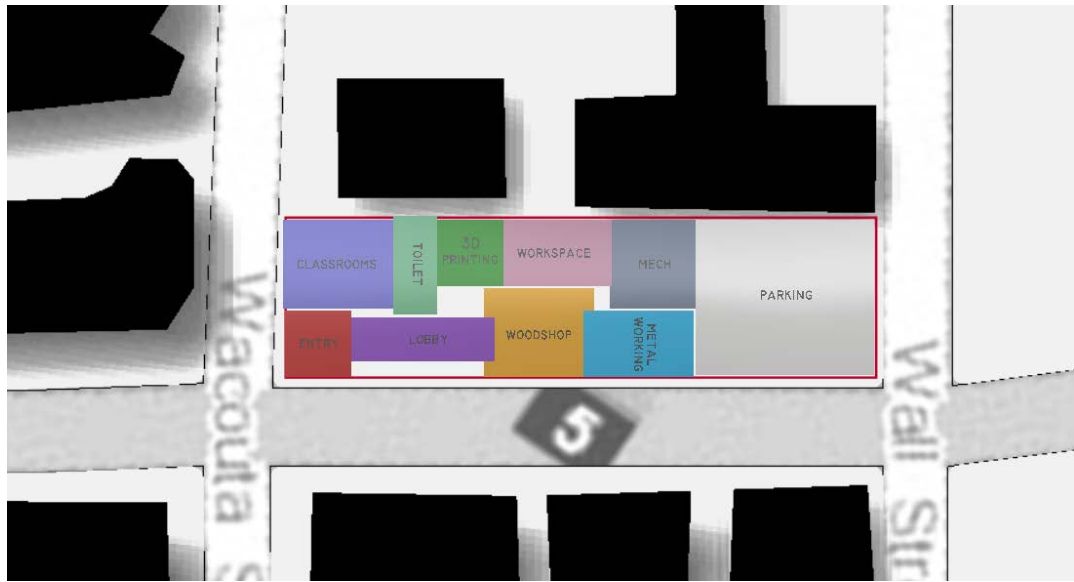
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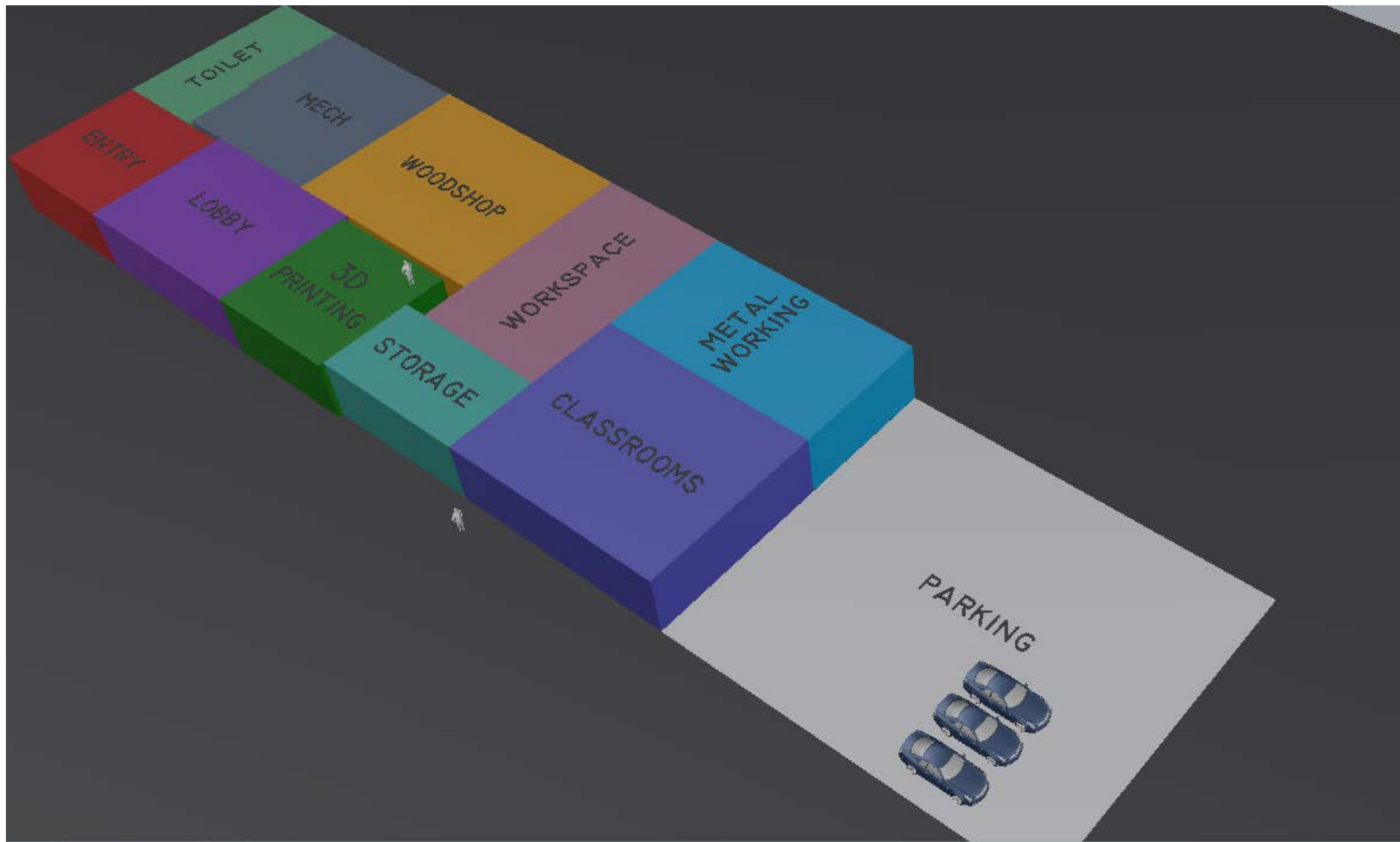
Early Programming



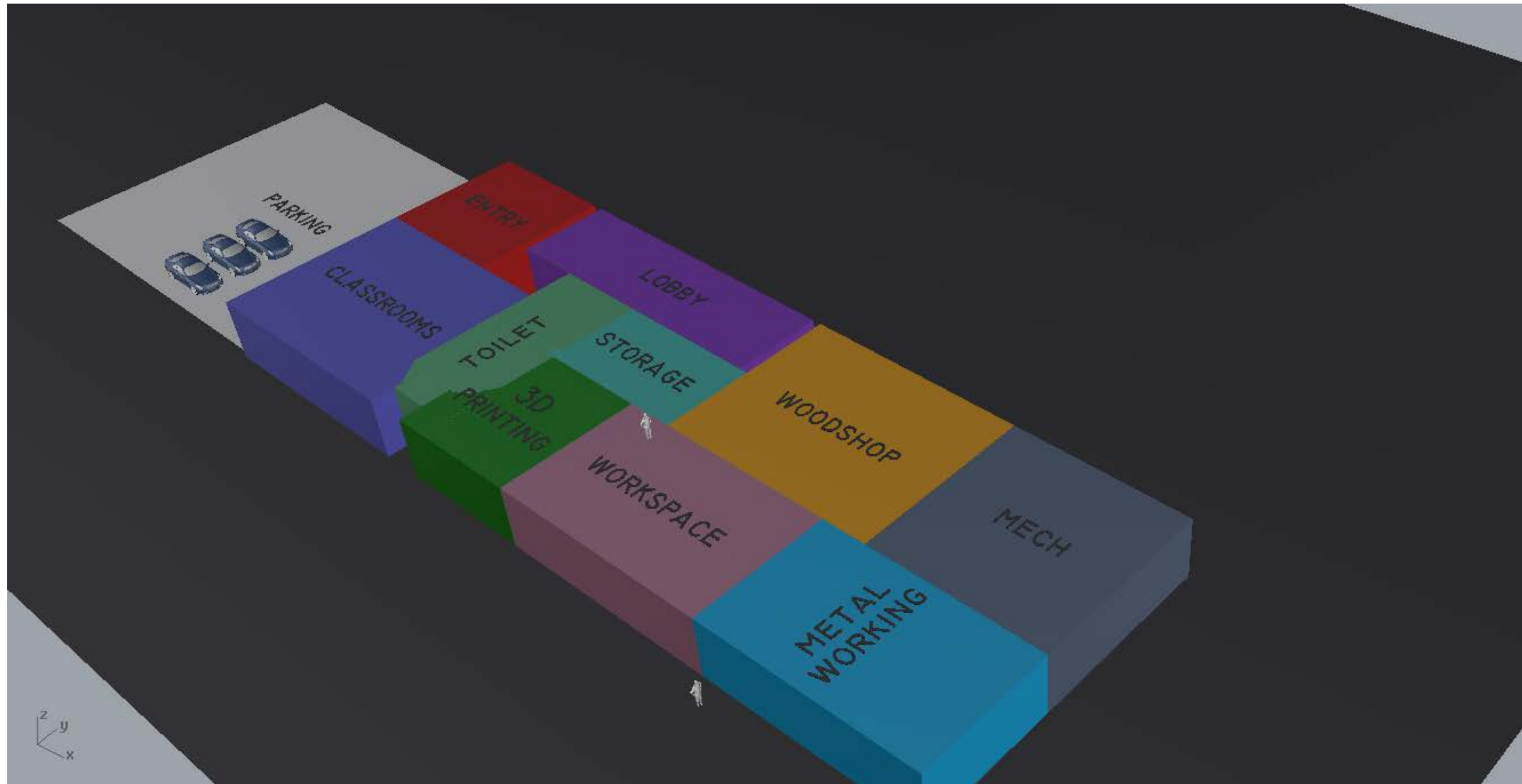
Spatial Hierarchy



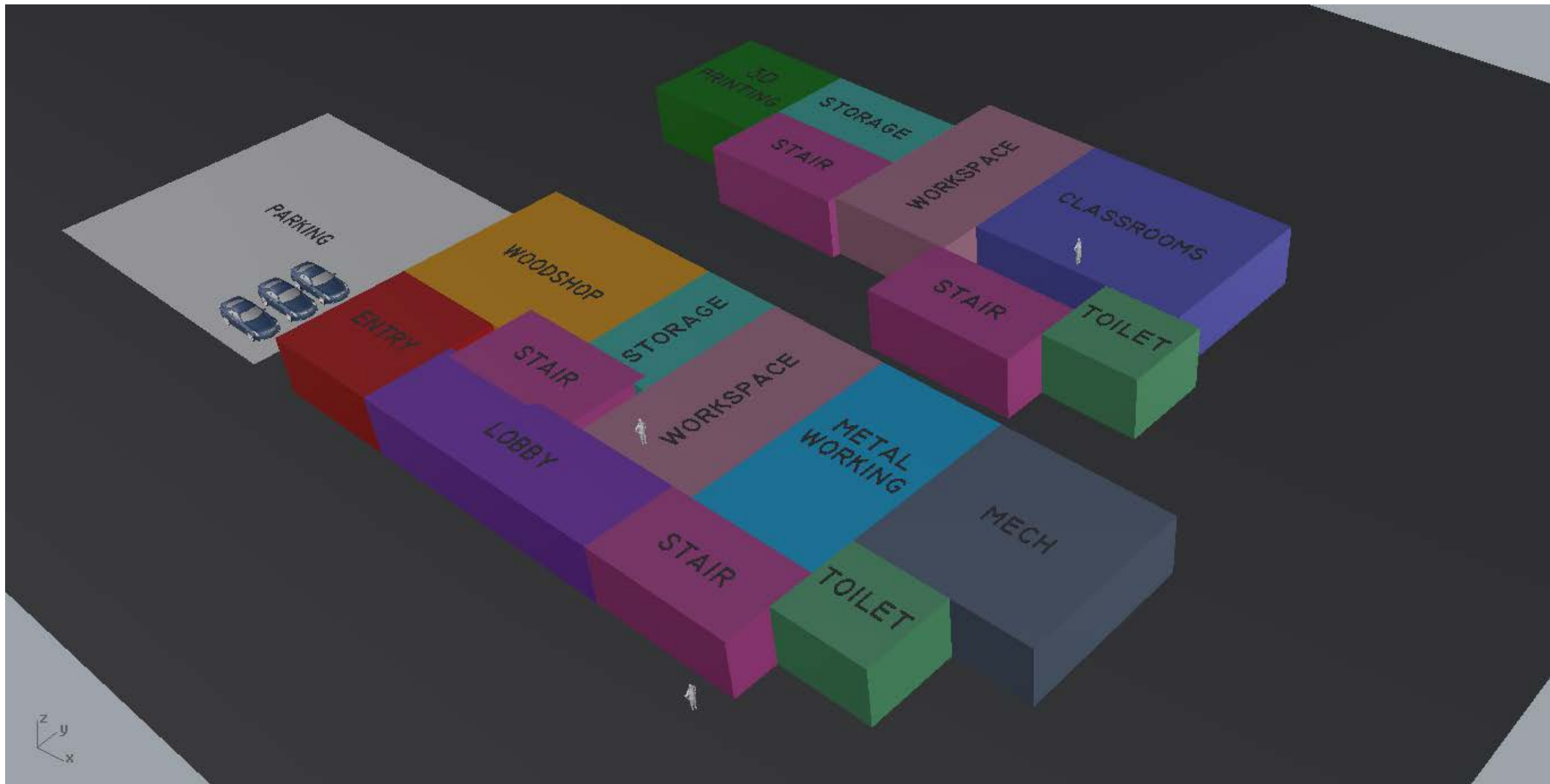
Programming



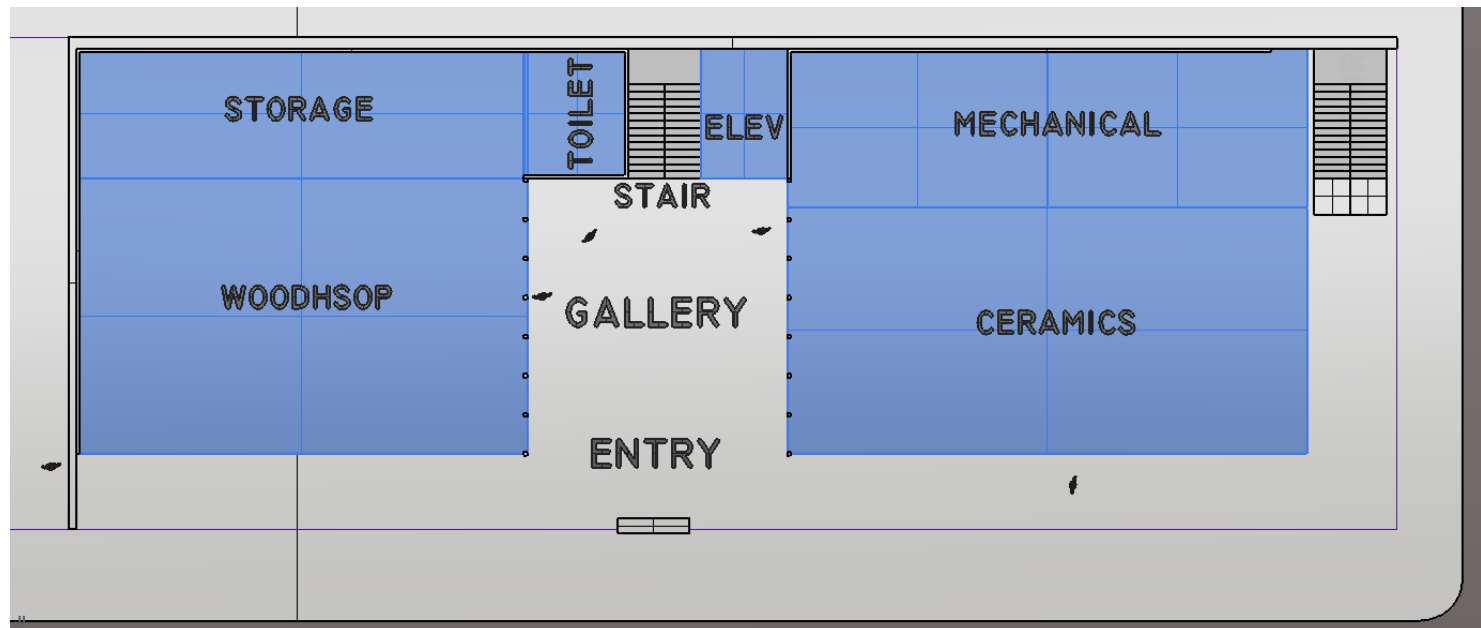
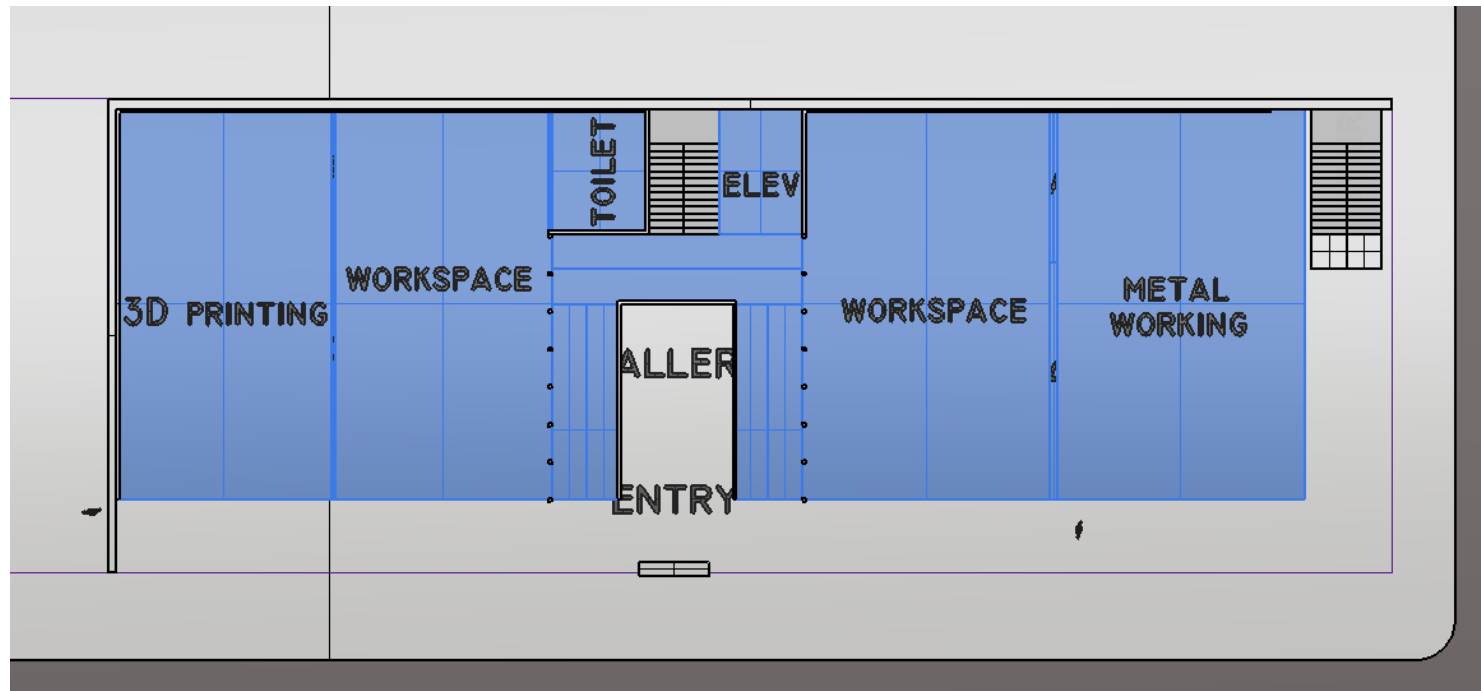
Programming



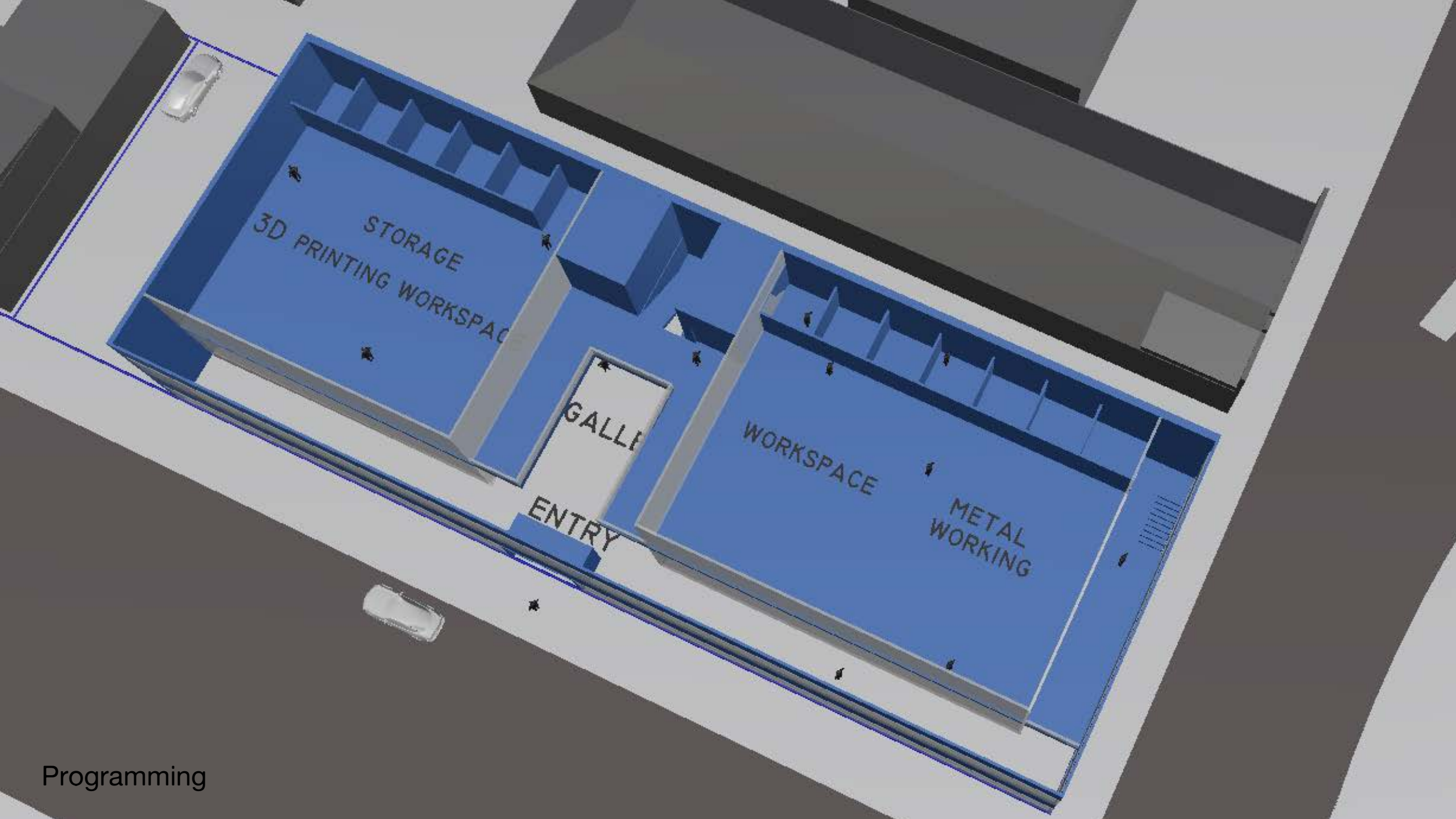
Programming



Programming



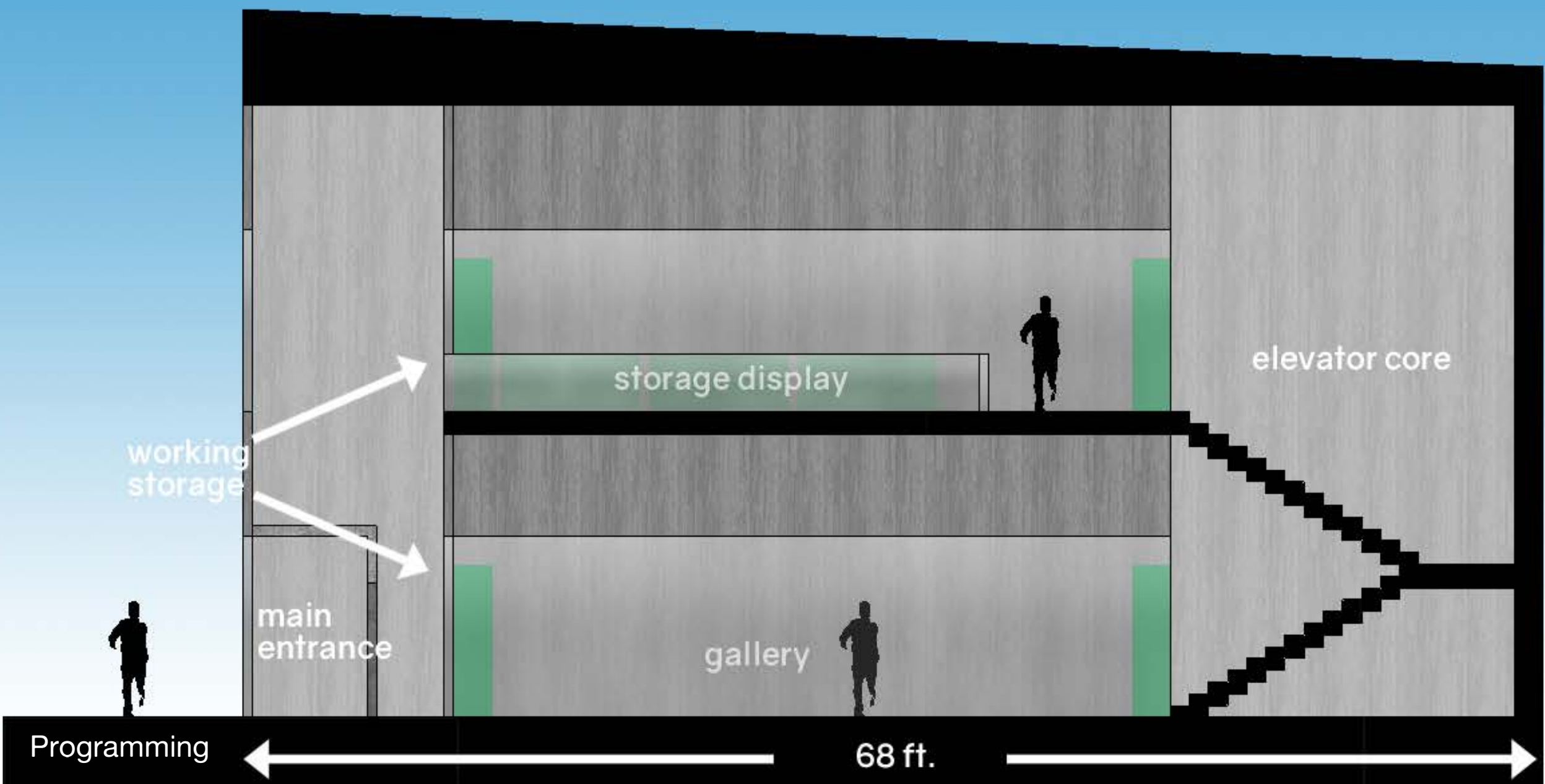
Programming



Programming

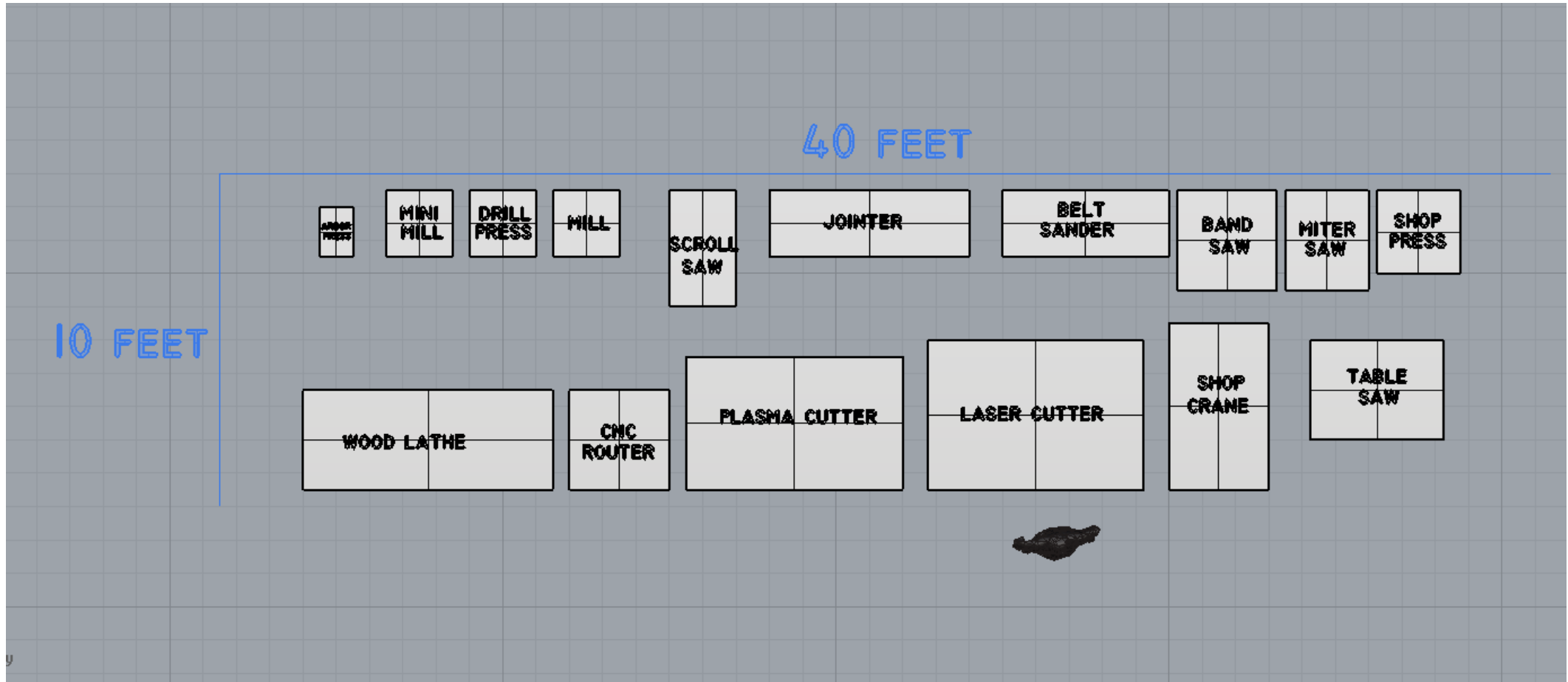


Programming

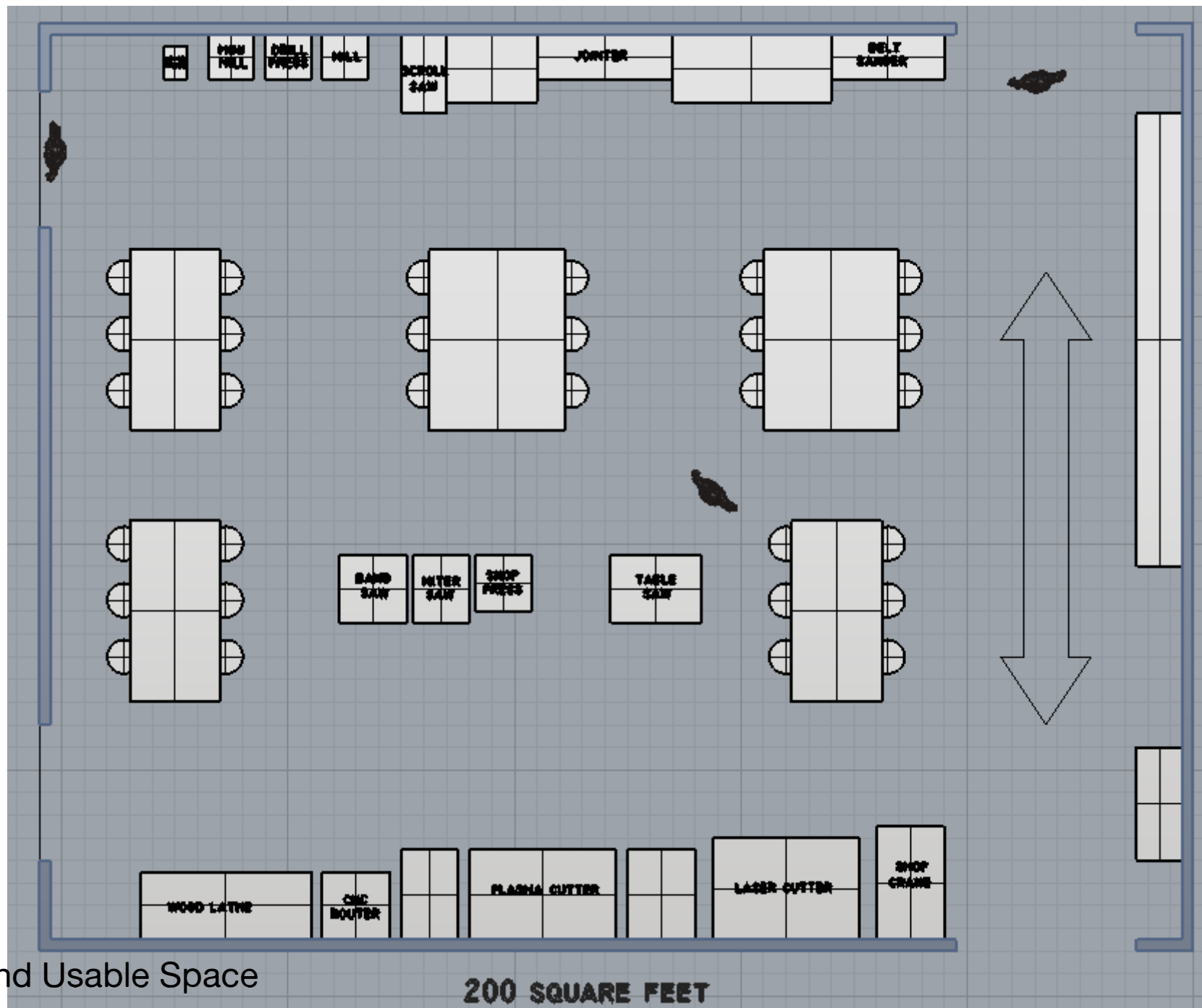


8×12 metal lathe	Glass Blowing/Jewelry Making Equipment
“X2” Mini-Mill	Jointer
25×25 CNC Router	Laser Cutter/Engraver
Full-size Drill press	Lathes (full-size wood and metal cutting)
Jump Shear (for cutting sheet metal)	Metal Cabinets (for storing flammable materials)
4×6 Horizontal Bandsaw (for metal)	Miter/Chop Saws
4×36 Bench Top Belt/Disk Sander	Mill (full size)
Scroll saw	Picture Framing Tools (Clamps, Mat Cutter, Press)
Oscilloscope	Plasma Cutter
Lab Power Supply	Powder Coating Equipment
Miller Plasma Cutter	Raw Materials
Miller MIG Welder	Roll-around Tool Chests
Wire Core Welder	Sandblasting Cabinet
Welding Safety Gear	Sewing & Computerized Embroidery Machines
2-Ton Shop Crane	Sheet Metal Brake
Hand & Small Power Tools	Shop Press (Hydraulic)
Mat Cutter (for picture framing)	Shop Vacs
Large 220V air compressor	Soldering Irons
Sewing Machine	Small Power Tools
Anvil	Surface plate
Arbor Press	Tables, Chairs & Desks
Bandsaw	Table Saw (Full-size)
Bench Grinder	Thickness Planer
Computers & Monitors for Workstations	Tubing & Piper Benders
Dust Collection System (for sawdust)	Vibrating Polisher & Media
Desktop Photography Equipment	Vices
Electronic Test Gear & Power Supplies	Welders (MIG, TIG)
Horizontal Bandsaw (metal cutting)	Welding Table

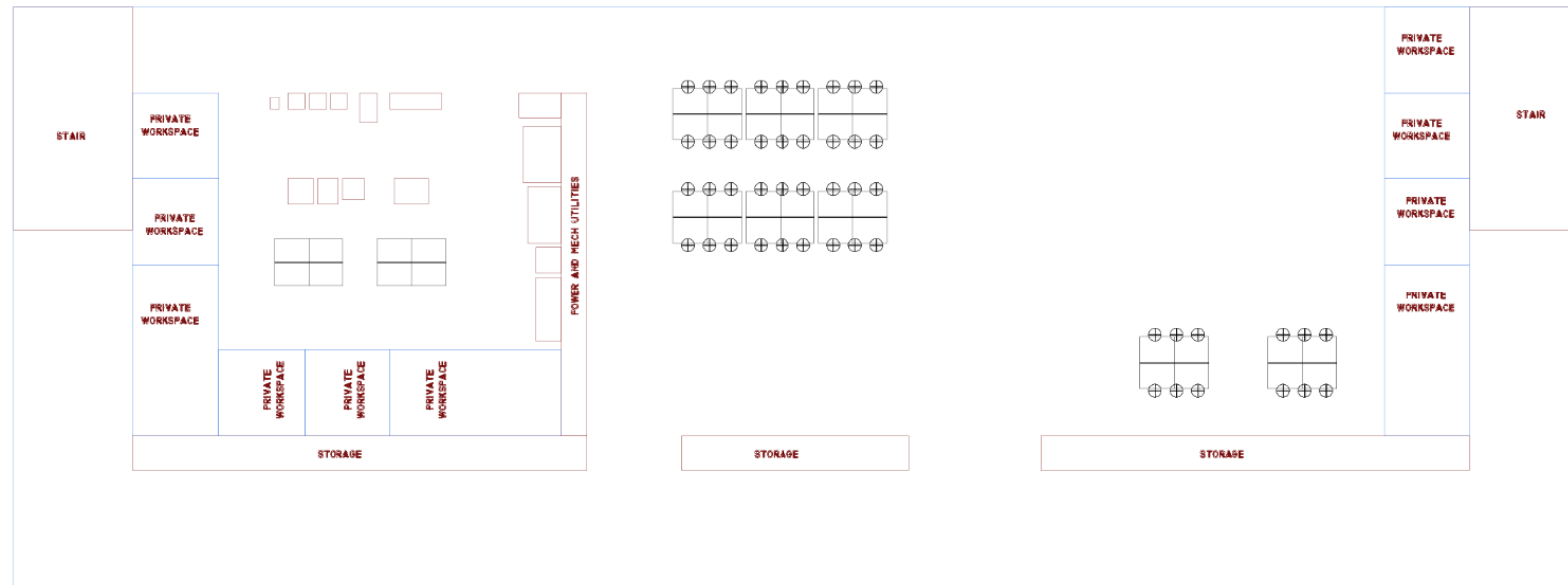
Room Layouts and Usable Space



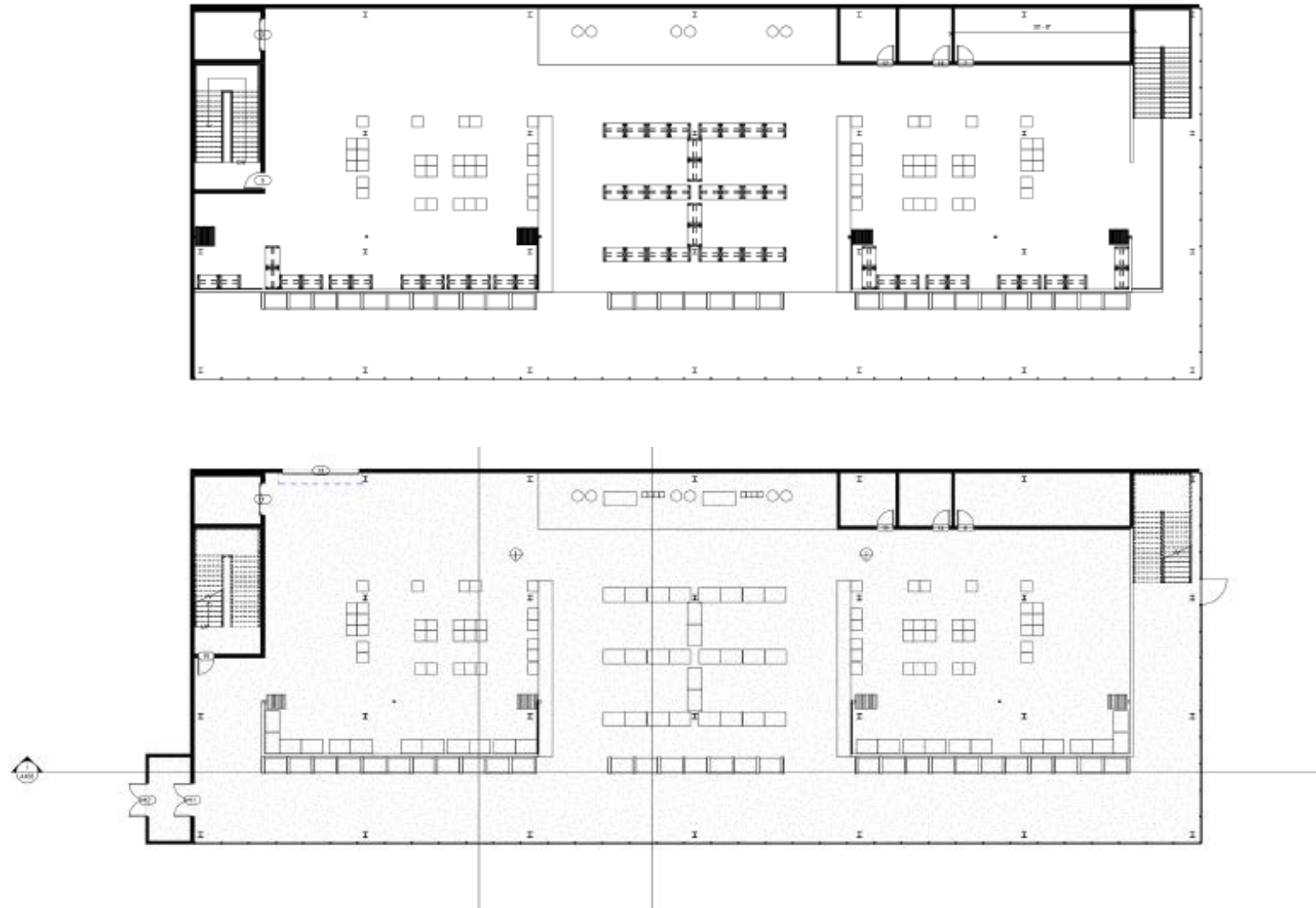
Room Layouts and Usable Space



Room Layouts and Usable Space



Room Layouts and Usable Space



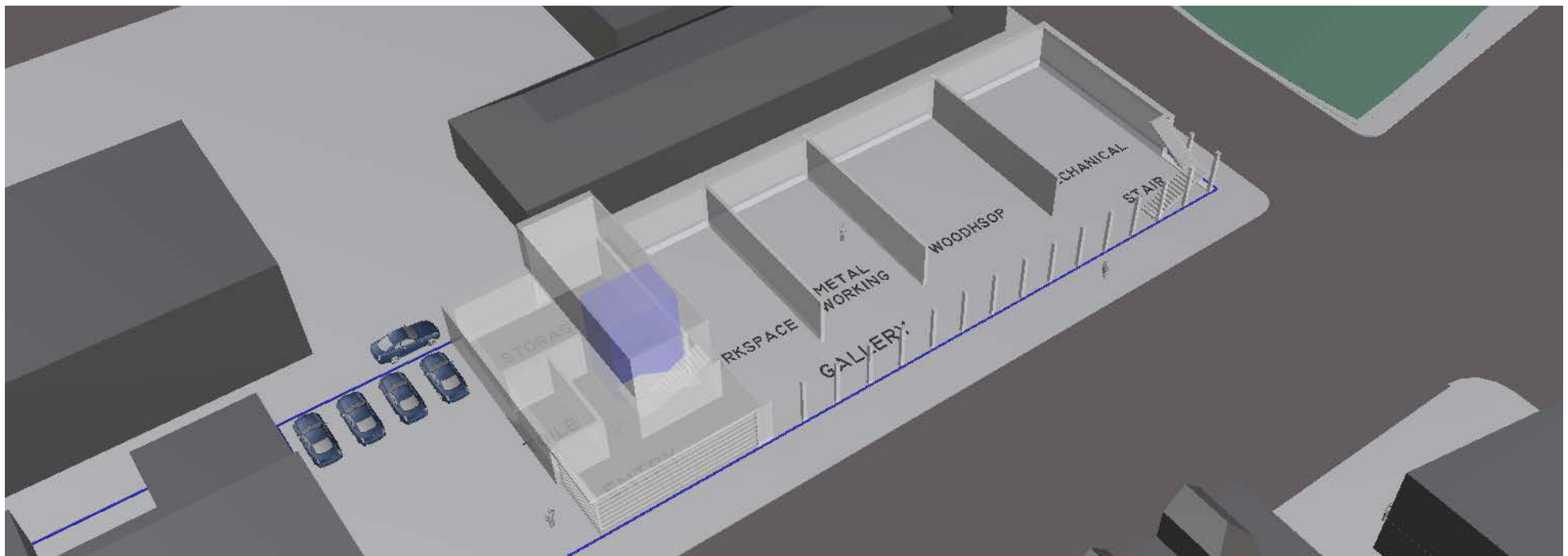
Room Layouts and Usable Space



Room Layouts and Usable Space



Room Layouts and Usable Space



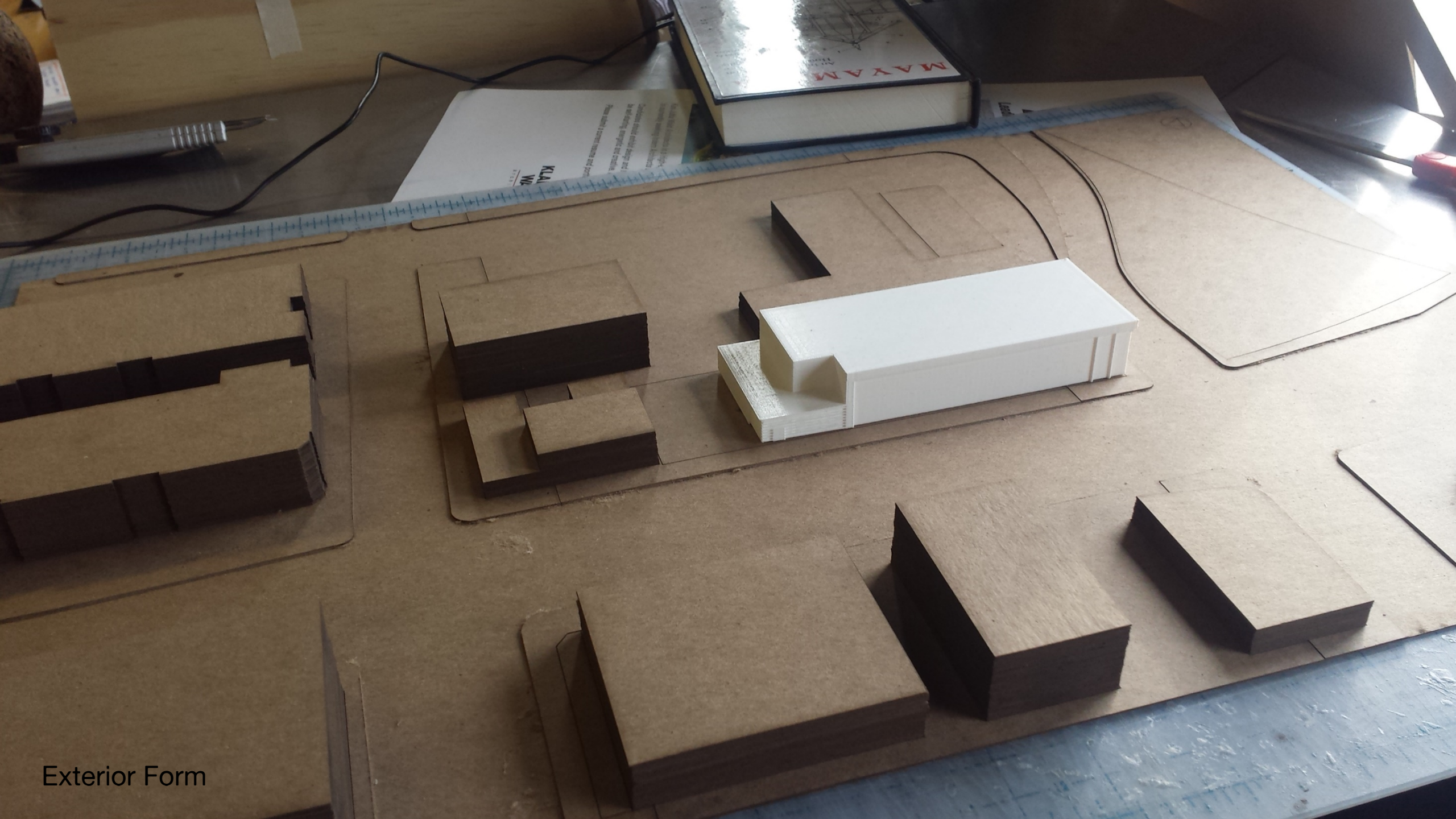
Exterior Form



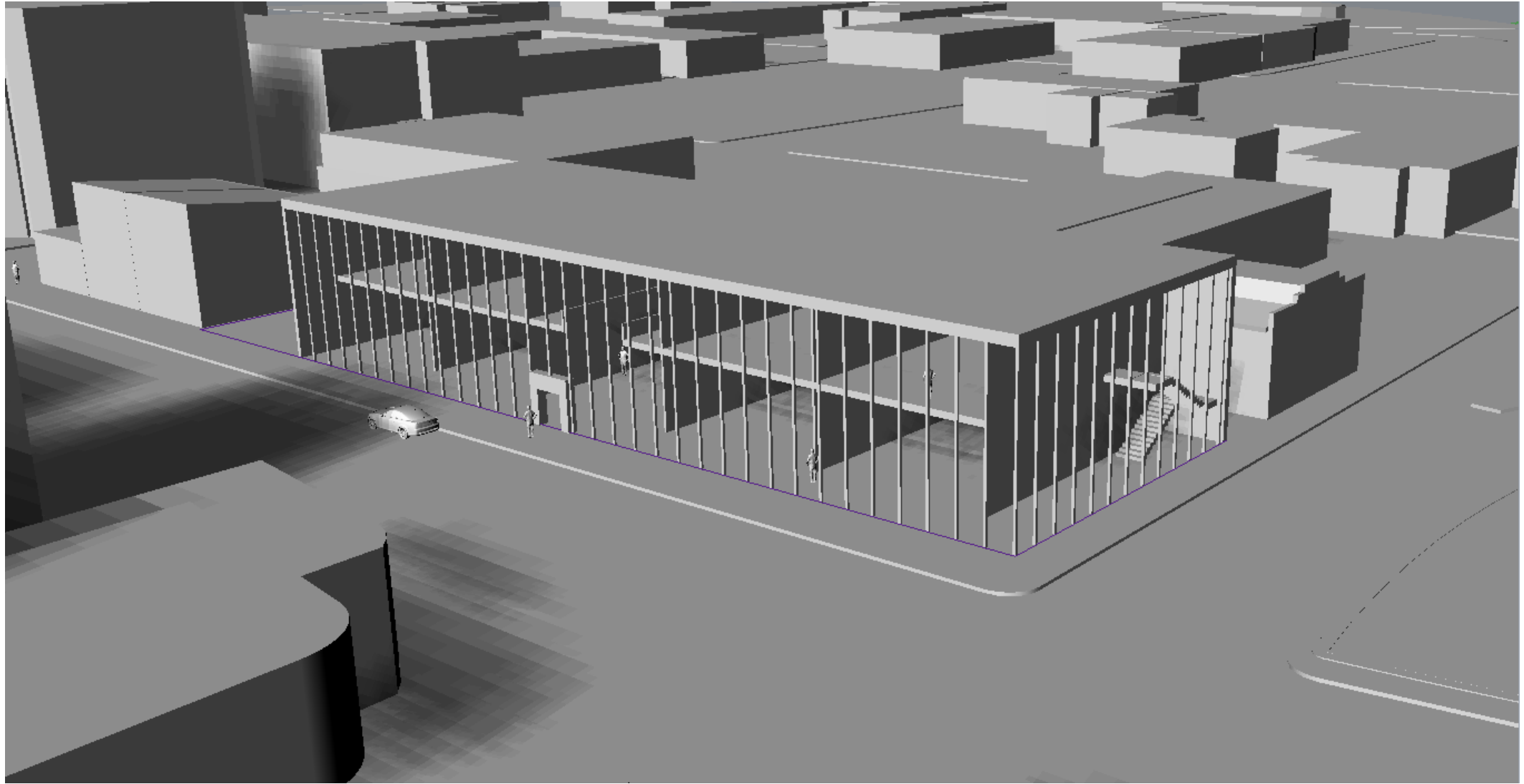
Exterior Form



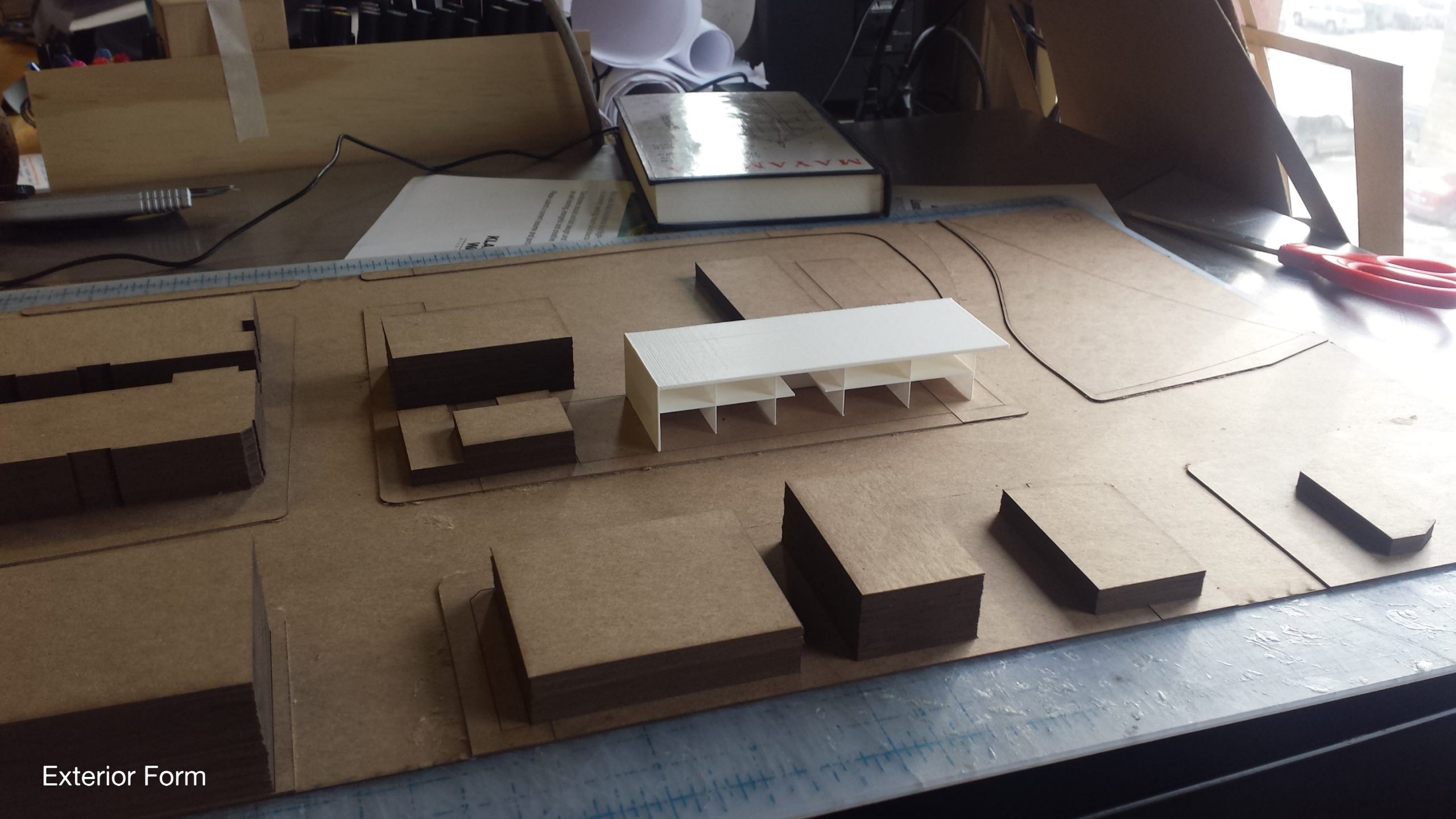
Exterior Form



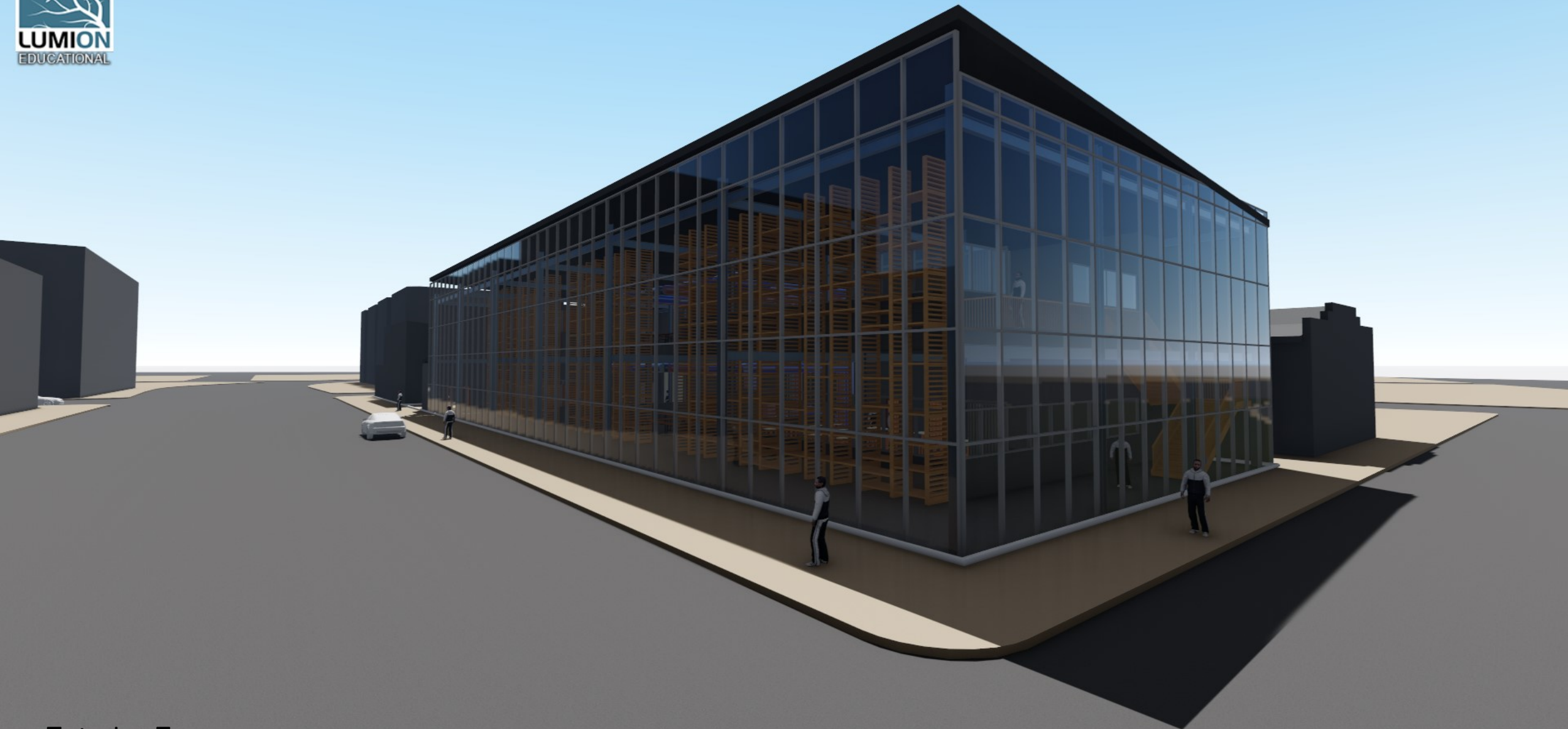
Exterior Form



Exterior Form



Exterior Form



Exterior Form

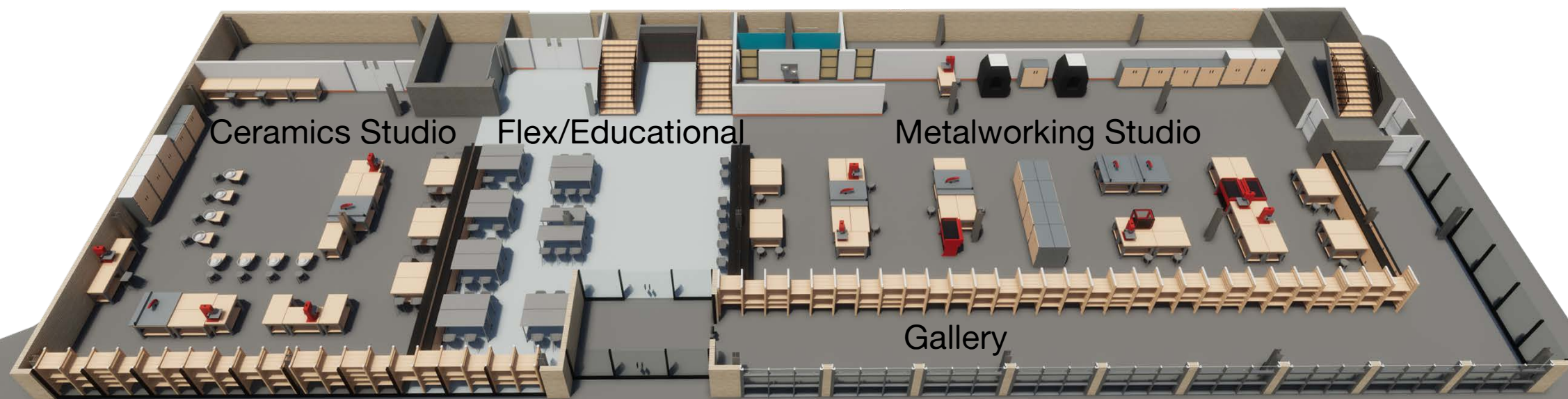


Exterior Form

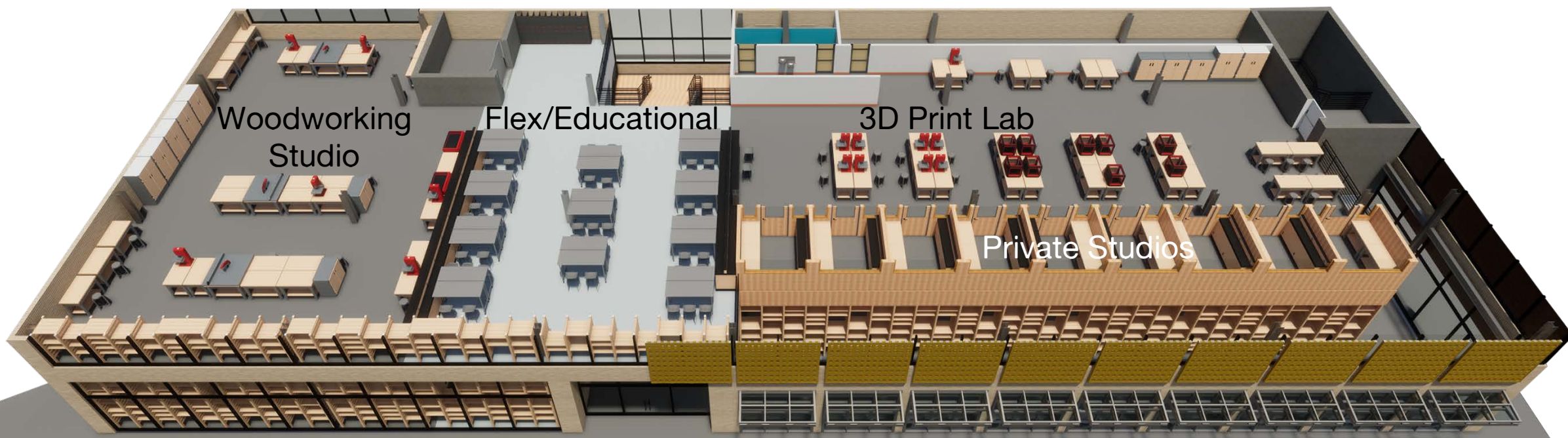


The Final Iteration





First Floor



Second Floor



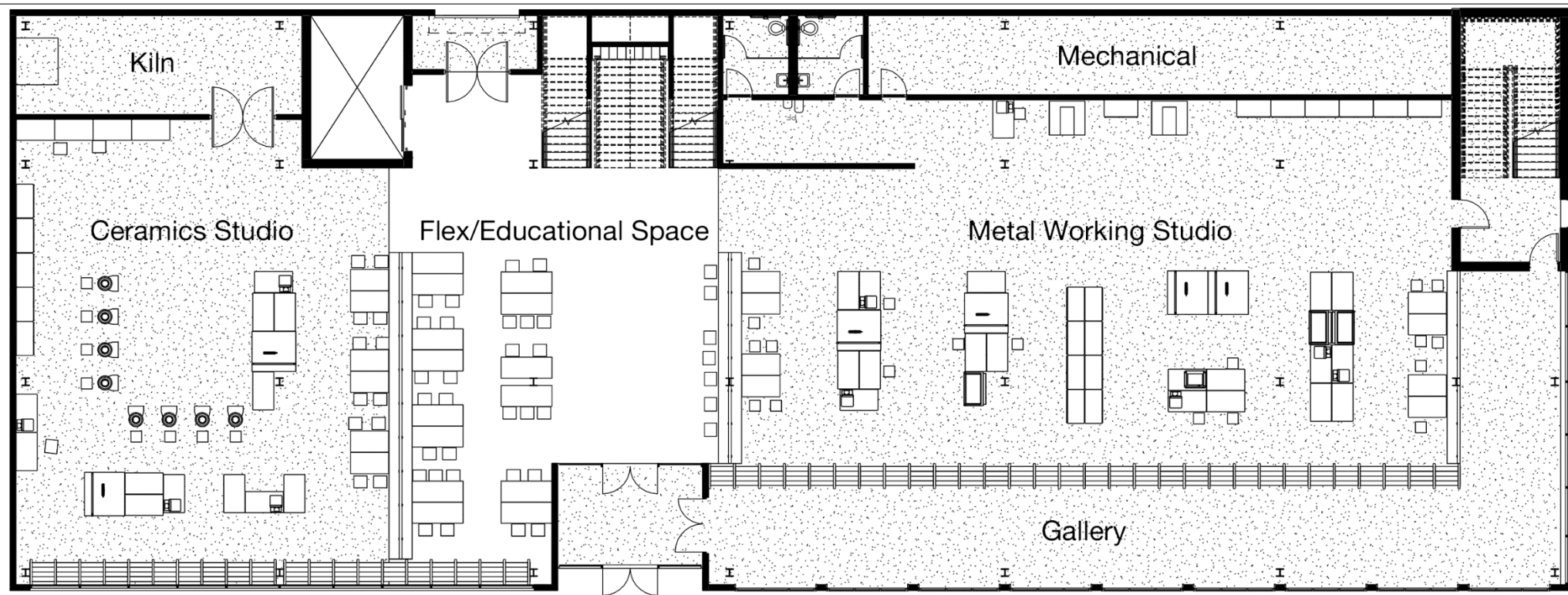




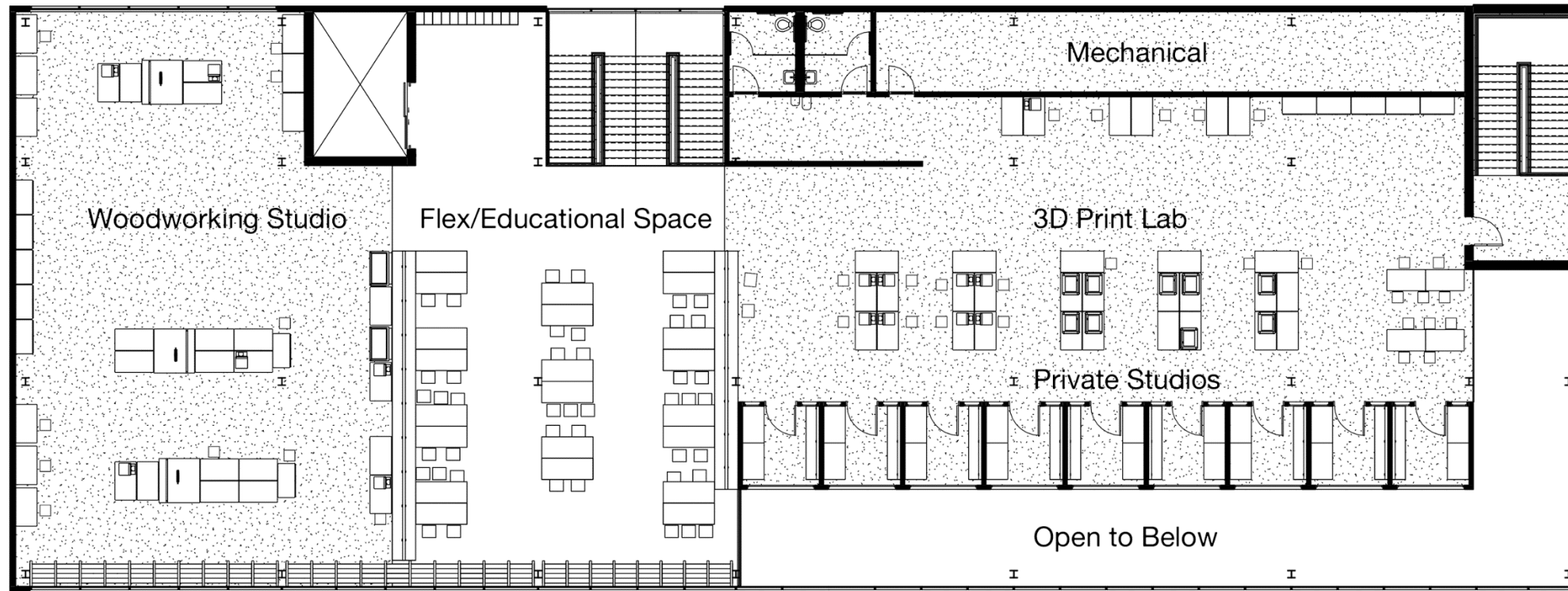








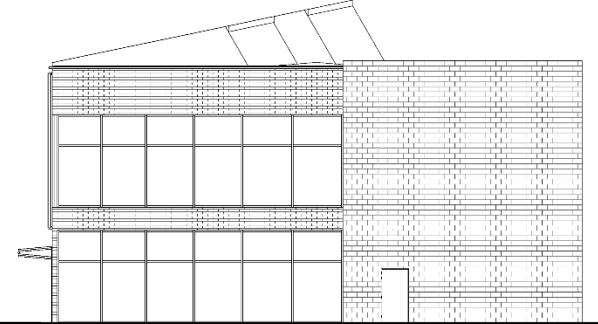
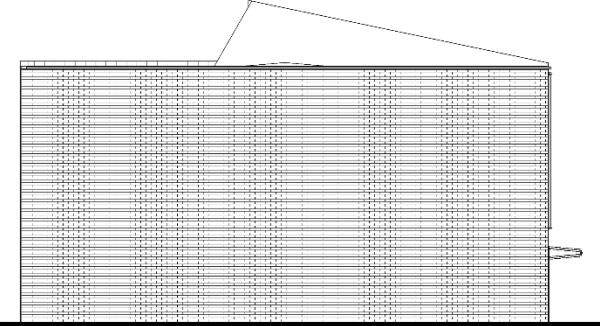
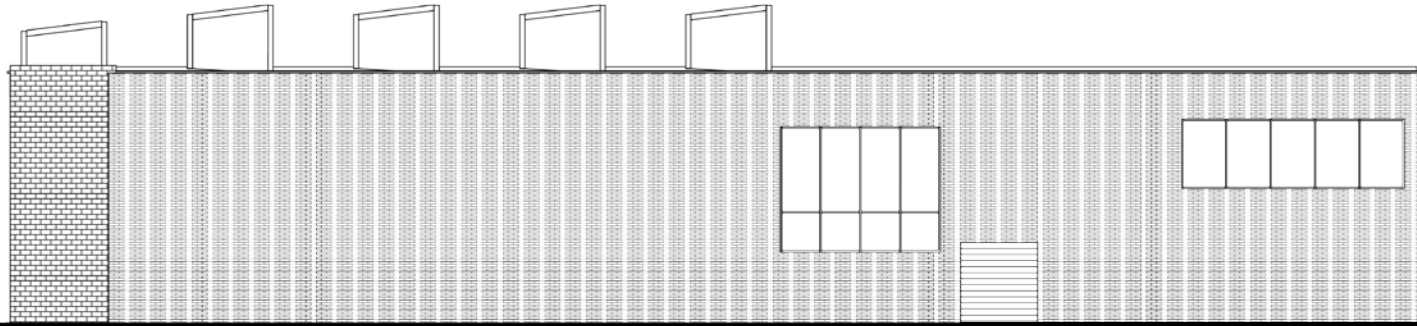
First Floor



Second Floor



Thank You!









Bonus Slides

