THE Granville TABLE

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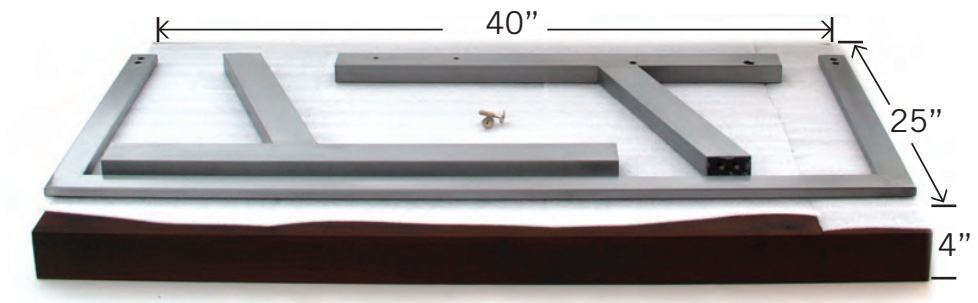
Vancouver's Granville corridor is a pulsing artery that moves people from sleek condos and stylish shopping to modern office towers. These worlds are joined by the graceful steel skeleton of the Granville Street Bridge, soaring over the waters of False Creek.

The Granville Table takes inspiration from this vibrant cityscape with a streamlined solution for small-space living. Its effortless transition blends living and working to meet the needs of the modern urban dweller.



This coffee table's minimalist design and quality construction make it a fixture that will complement the evolving styles and functions of your living space through the years. And because it ships flat and is 100% recyclable, the Granville Table helps keep your footprint as small as its own.

1. Client Brief
To design a modern multi-functional coffee table

2. Problem Indicators
- Year 2032
- Small spaces
- The systems of modern day living

3. Problem Definition & Problem Redefinition
- Designing for the modern day family living in a small space
- To allow the object to utilize the space with the most efficiency

4. Requirements of the Problem
- Transformability
- Compactable/Expandable
- Usability
- Dining/Leisure
- Work surface
- Unique/Original
- Modern/Minimal
- Storage
- Simple/Organic

5. Objectives

Primary objectives
Transformability
To be Used a multi-functional object, that allows for diverse usability
Work surface
Coffee table
Light
Room divider
Dining surface
Unique/Original

Secondary objectives
Storage
Flat pack shipping (Ready to assemble)

6. Considerations & Constraints
What are the considerations that are unique to this problem, and this project.

User
Young student/professionals
Families in small space living environments

Designer
We relate to the user
Size
Lifestyle
Culture
By 2032 we will likely be the user

Market

The table has been apart of the modern day household as a mandatory item of furniture.
The design is to simply utilize the object in series of different ways with regards to the small living environment

Environment

Small spaced living,
Modern day, Apartment, Lofts, Houses that are climate controlled

Manufacture

Emily Carr University of Art and Design: studios
Local manufactures available

Materials and Production

Wood from local source
Durability
Metal: Aluminum

Cultural factors

International
Cross culturally acceptable

Strategy and Flexible Planning:

Product Strategy
What will be the product of this design
A Multi-functional table
A Workspace
A Dinning space
A Place for storage

Production Methods & Materials
Sustainable wood
Metal
Smooth motion joints and hardware
Limited materials

Semantics
What kinds of messages will the product carry
Multi-functional
User friendly
Modern
Compact/expandable
Transformative
Ultimately - original

Marketing
How will this product be distributed, and promoted
‘New’ Concept vs BoConcept

Packaging
How will the product be packaged
Sustainable
Flat- pack
User friendly
Modern

Lifecycle
How long will this product last
Multi-functional attributes allow for varied usage thus extending its life and manipulating its function and usage
Recyclable/sustainable – (refer to material list)

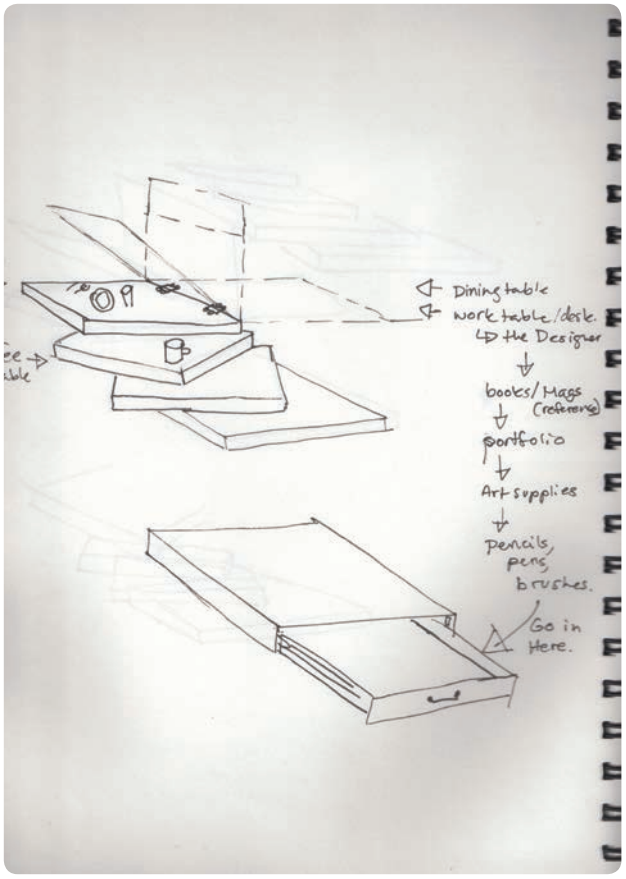
Technologies
What technologies will be used for, packaging, distribution, education, repair, etc.
Flat pack
Recycled cardboard and or paper
Simple instructional info/ pamphlet, video, pictographs

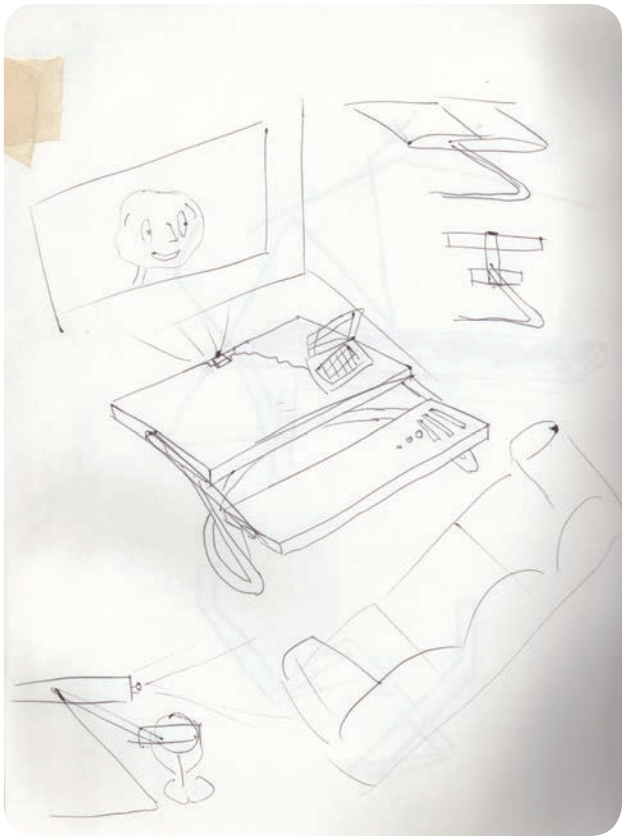
Design Strategy
Examining design brief/problem
Identifying mission
Ideation and research: Prototyping, sketching and exploration
Step by step process and documentation
Collaborations forming a hybrid optimal design
Building design product
Reviewing and revising
Presenting documented process, mission and final product

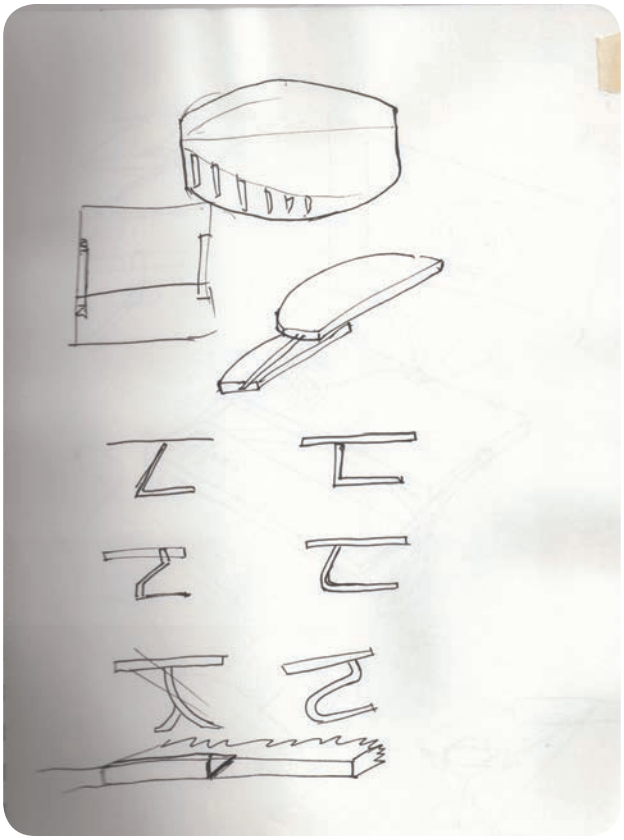
Process
What kind of a design process do you foresee
Research
Prototyping
Sketching
Collaboration
Ideation and exploration

User

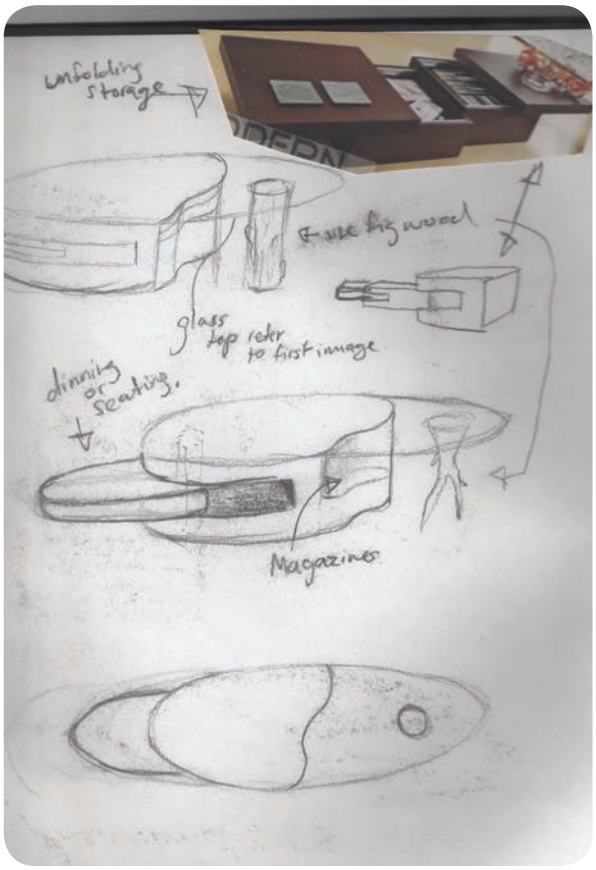
Ideas and Sketches

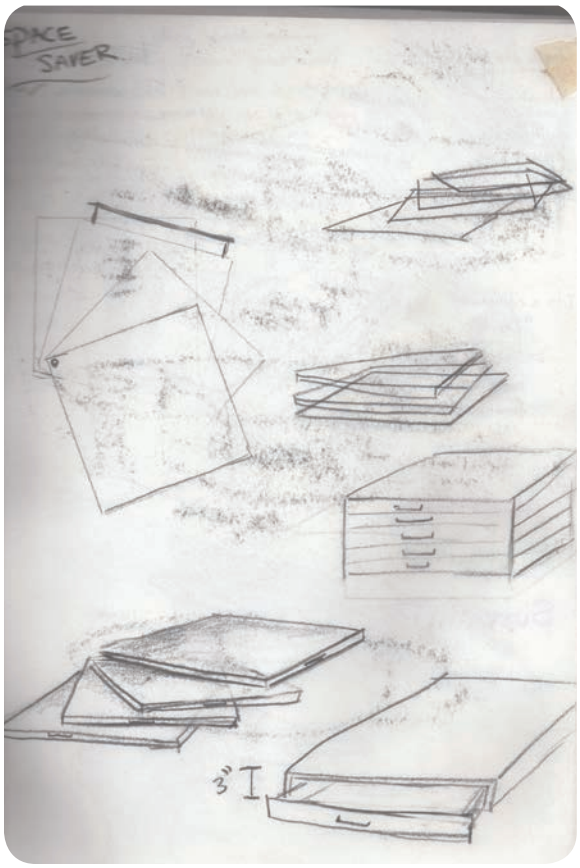




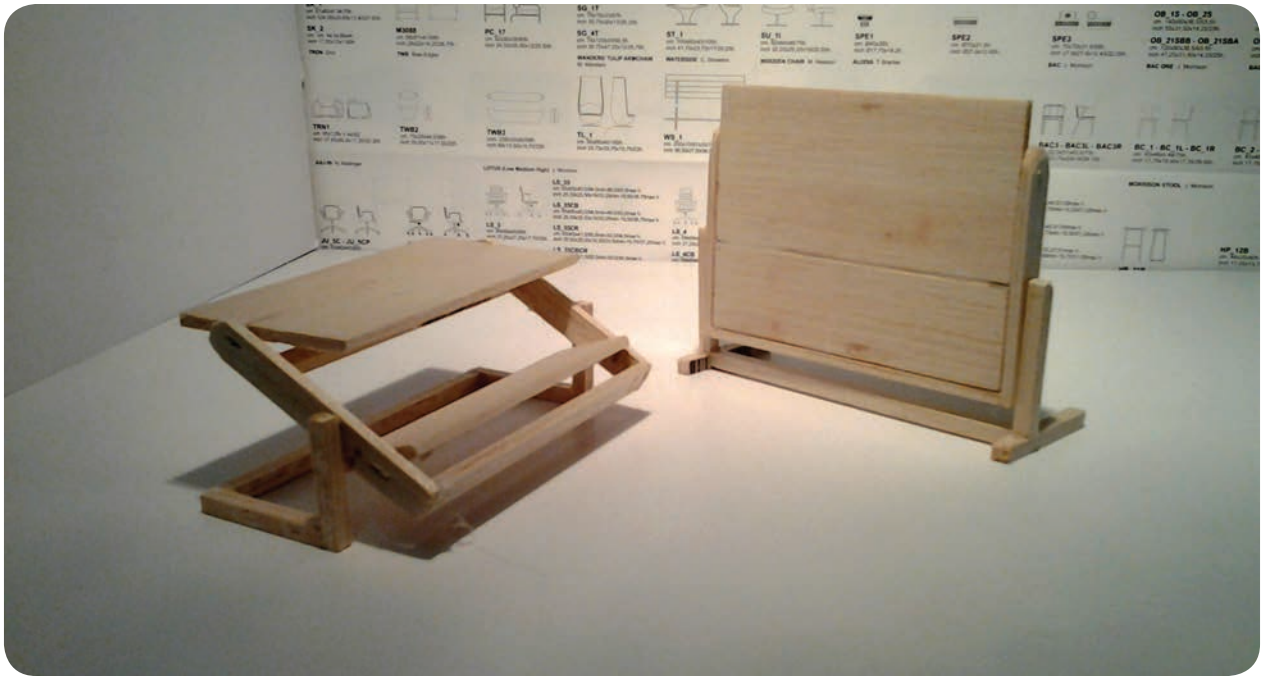


Small Scale Prototyping

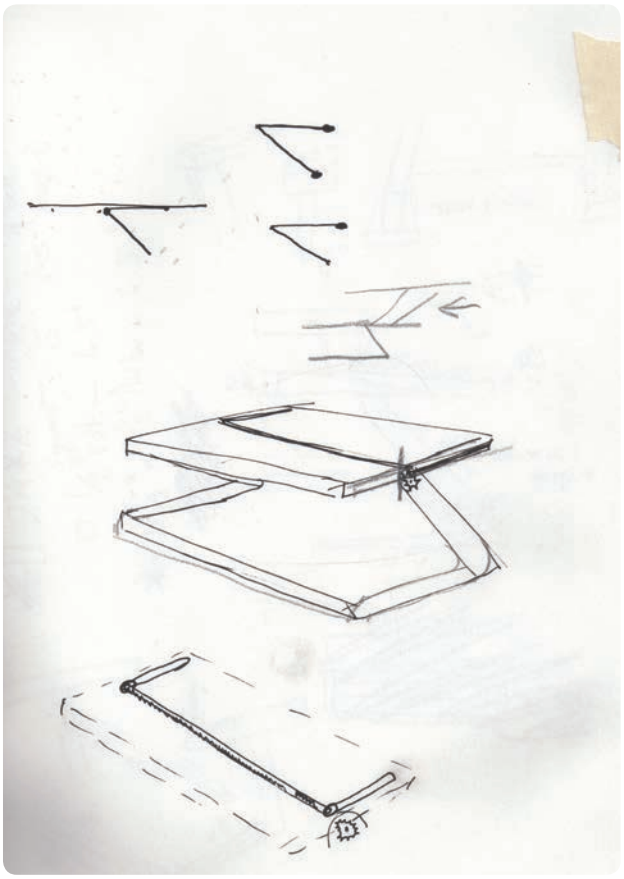


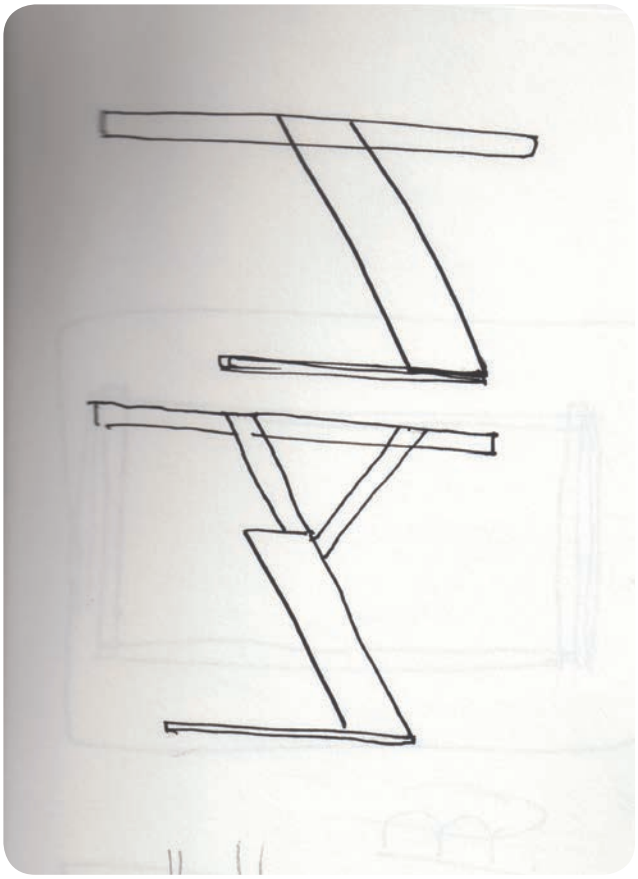


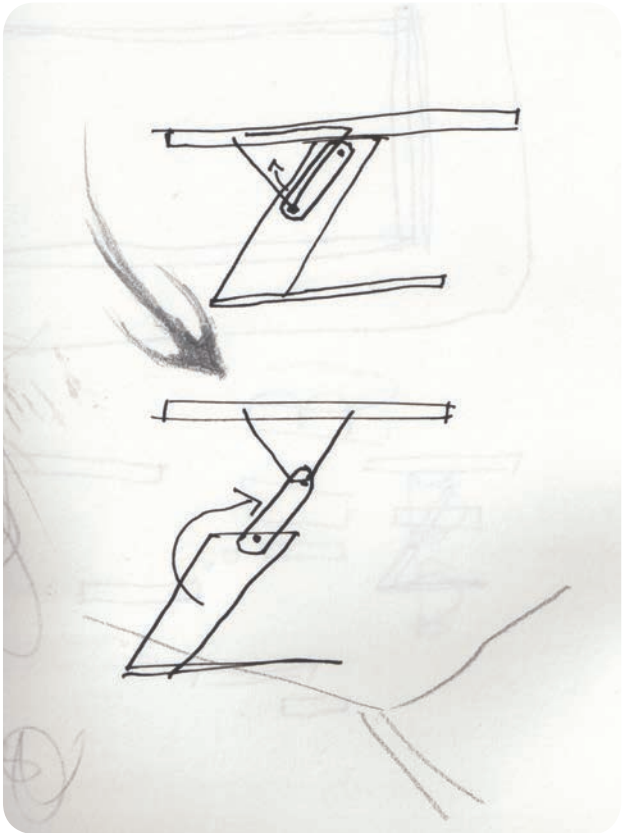
Direction

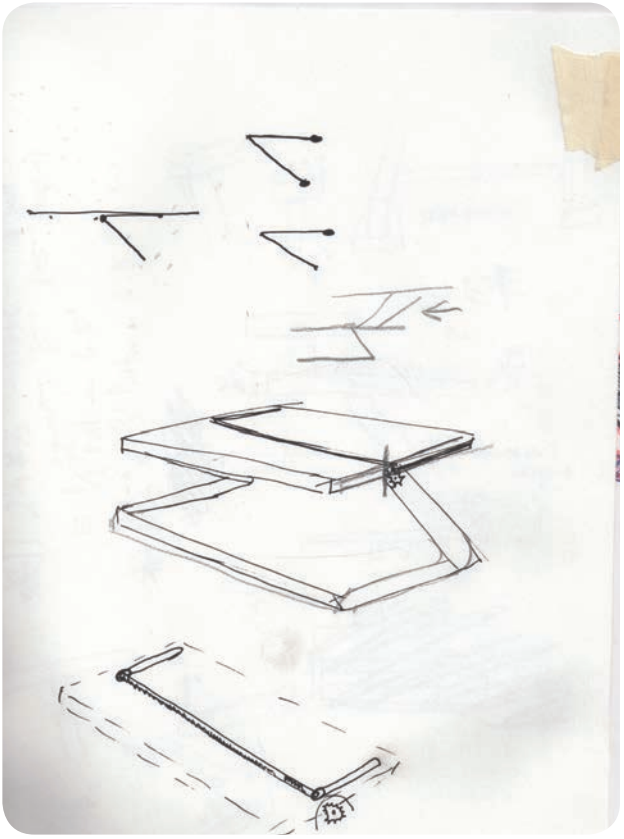


Leg Angle









Prototype

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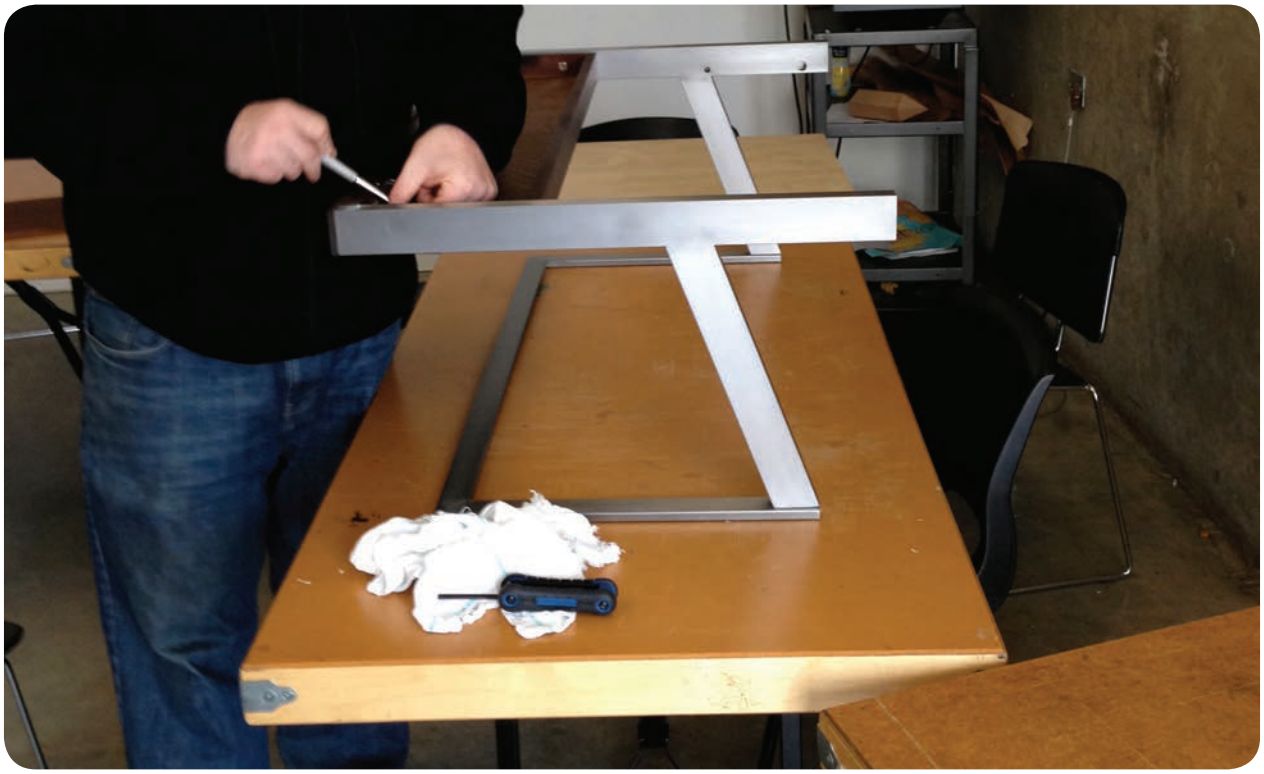
Peer Inspiration

Lift Design

Metal Fabrication

Wood Fabrication

Test Assembly



Flat Pack Components

Final Prototype