

# HAN CHOI

## DESIGN PORTFOLIO

[hanul.k.choi@gmail.com](mailto:hanul.k.choi@gmail.com)

520.461.4632



# CONTENTS

ARCHITECTURE	1-18
DESIGN-BUILD	19-22
STUDIO	23-28
PHOTOGRAPHY	29-32
ELECTRONICS	33-38
BLACKSMITHING	39-40





# ARCHITECTURE

## PROFESSIONAL WORK EXPERIENCE

---

After graduating from the University of Arizona's College of Architecture in May of 2023, I joined the professional workforce in Phoenix. During this time, I was able to recontextualize what I learned from my education into real-world practice and experience, across multiple disciplines and architectural typologies, while simultaneously sharpening my REVIT and ADOBE proficiency.





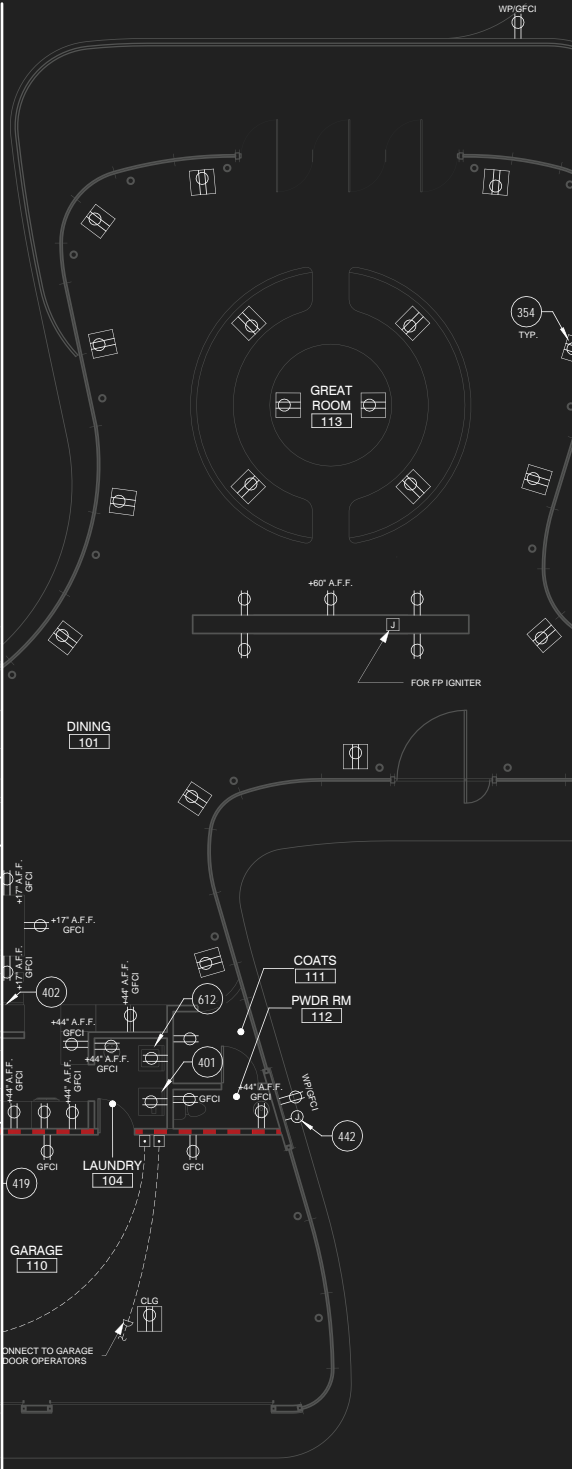


# ARCHITECTURE

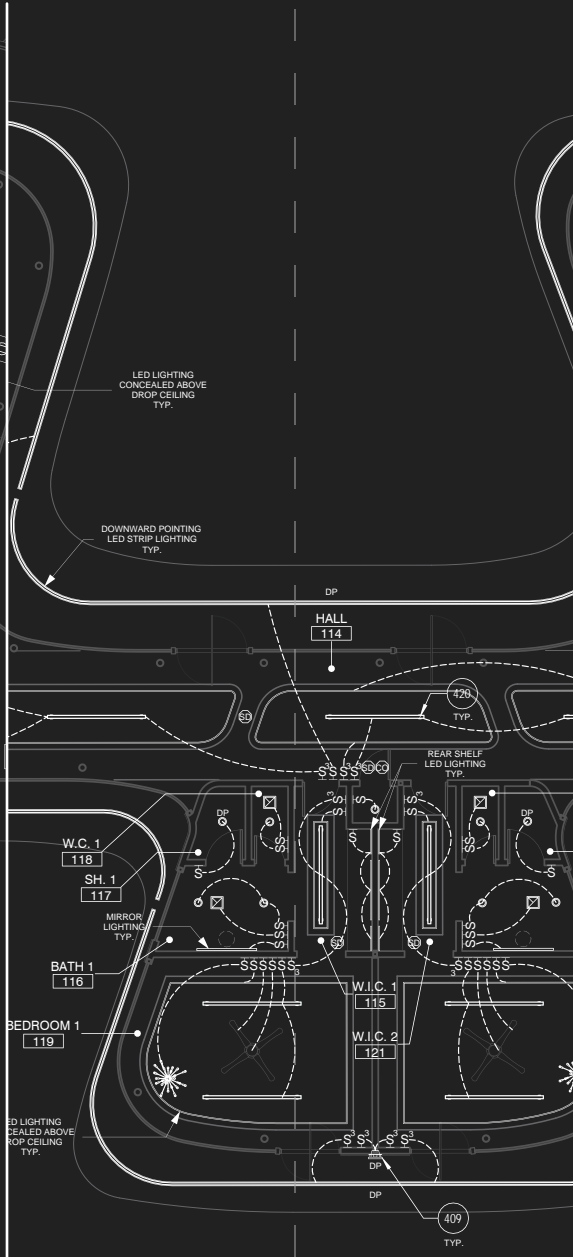
RESIDENTIAL MEP



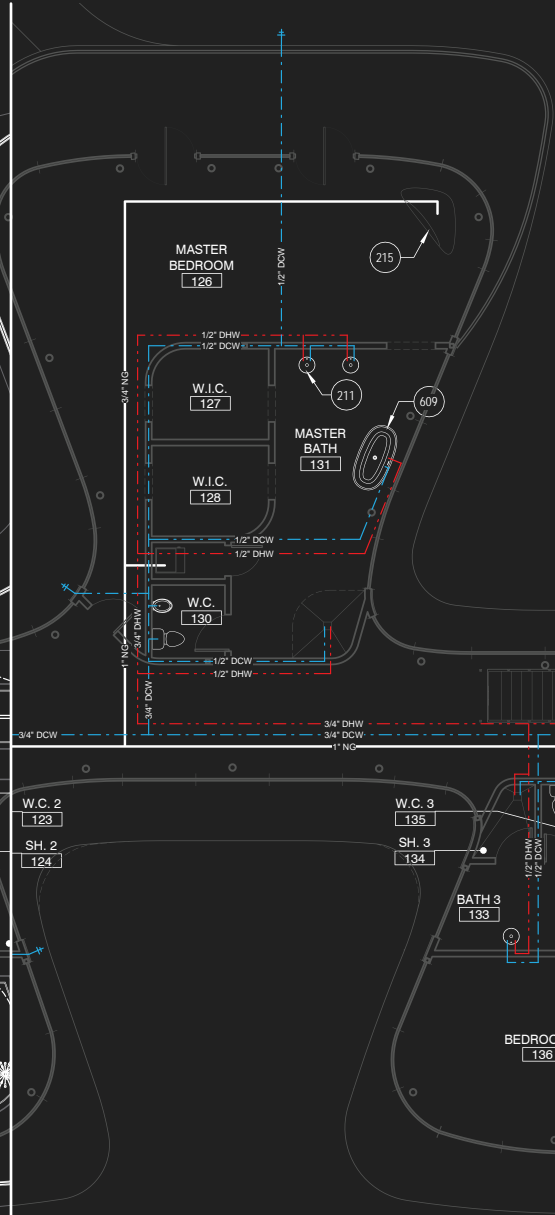
AIR DISTRIBUTION PLAN



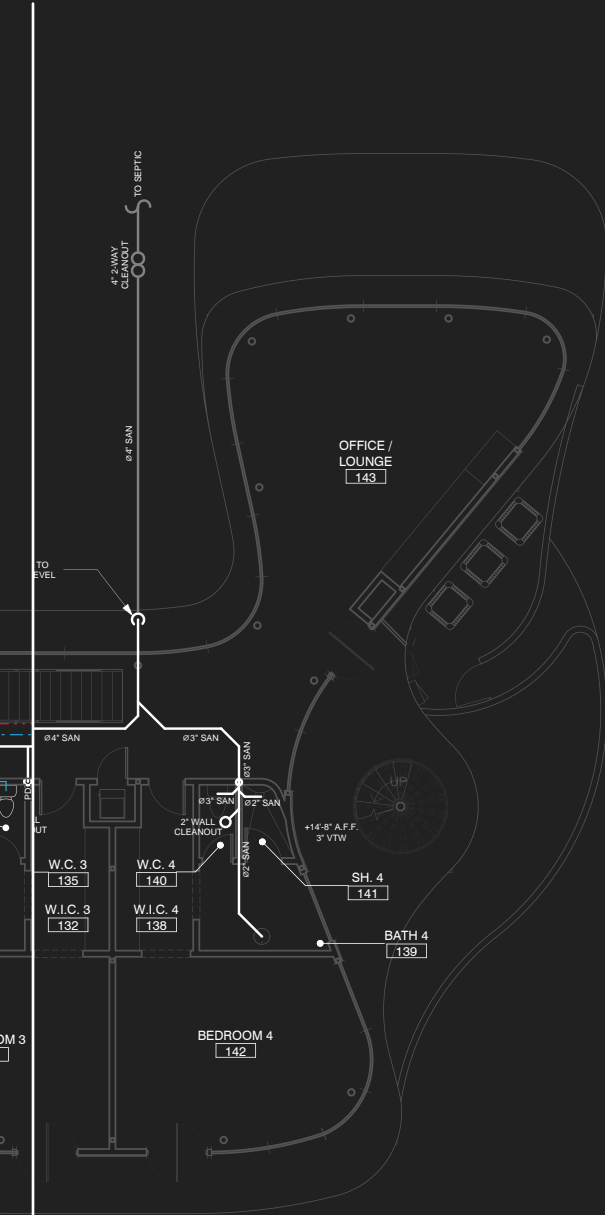
POWER PLAN



LIGHTING PLAN



WATER & NATURAL GAS PLAN



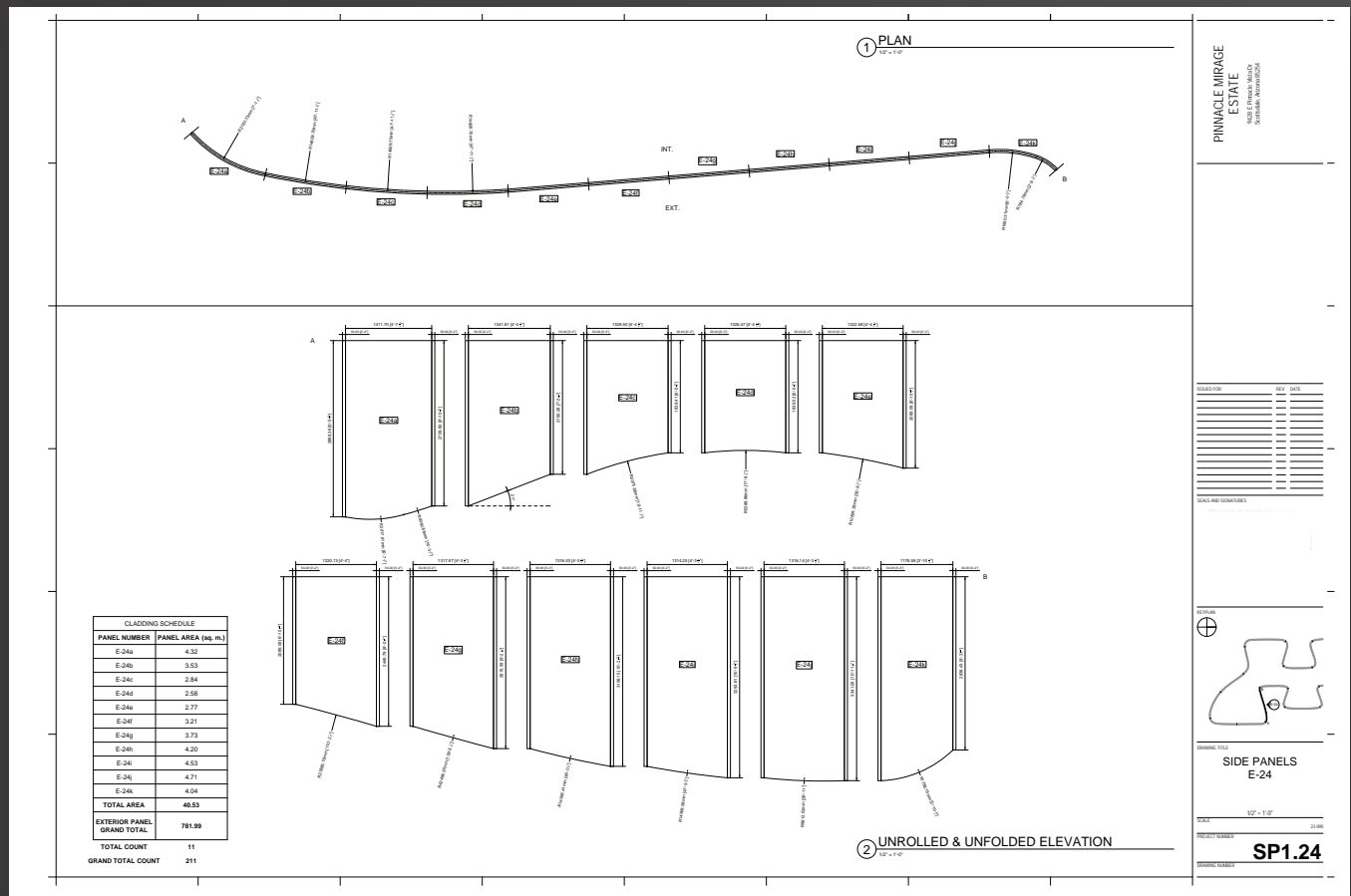
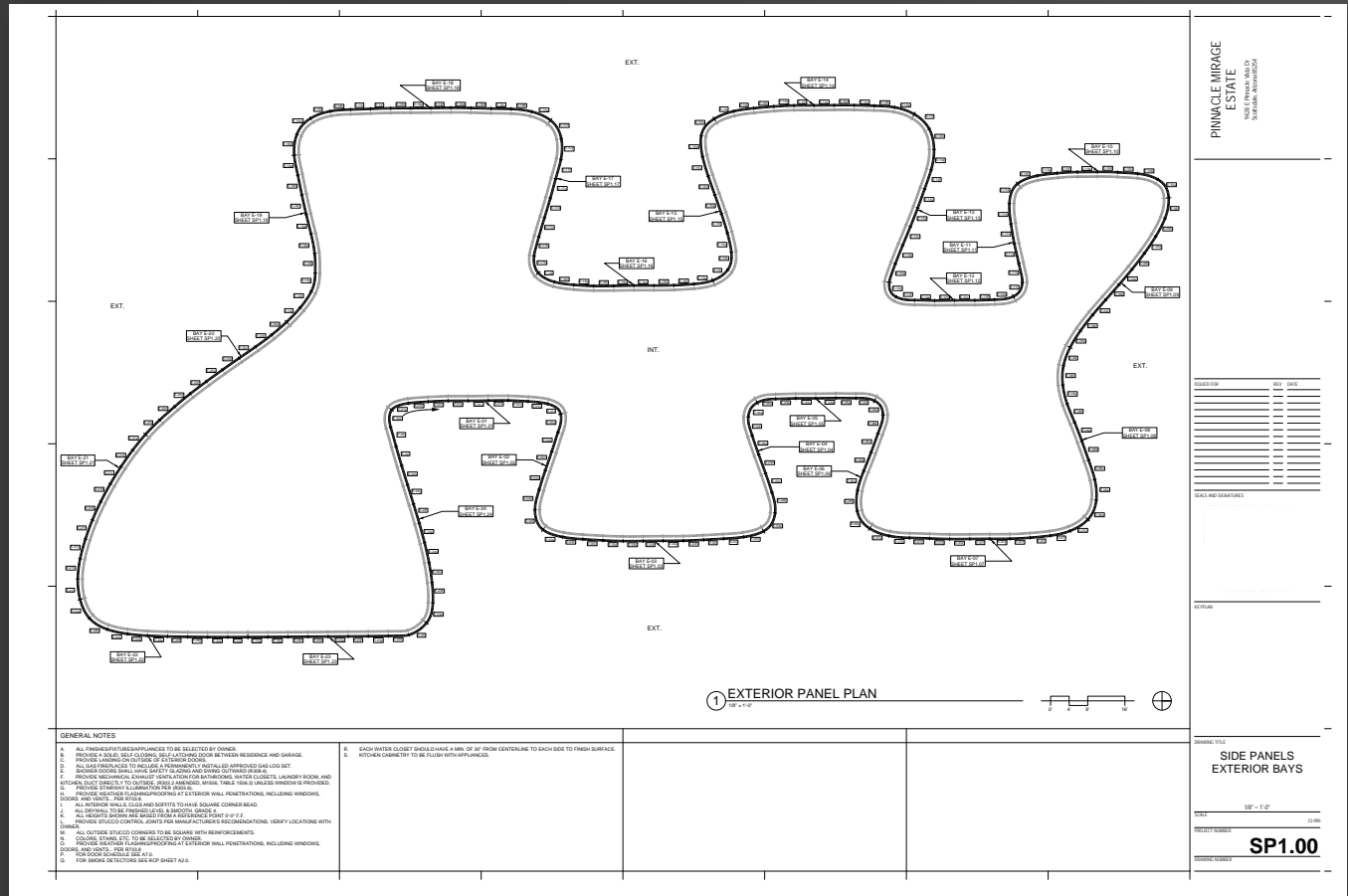
WASTE & VENT PLAN



# ARCHITECTURE

## SHOP DRAWINGS

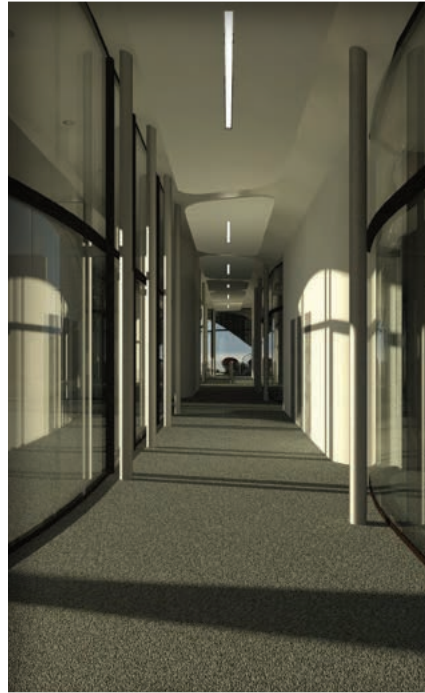
FORM MODELED IN RHINO;  
PANELIZATION & SHOPDRAWINGS  
GENERATED IN GRASSHOPPER





# ARCHITECTURE

BIM / REVIT MODELING



IN-REVIT RENDERINGS



LUMION RENDERINGS



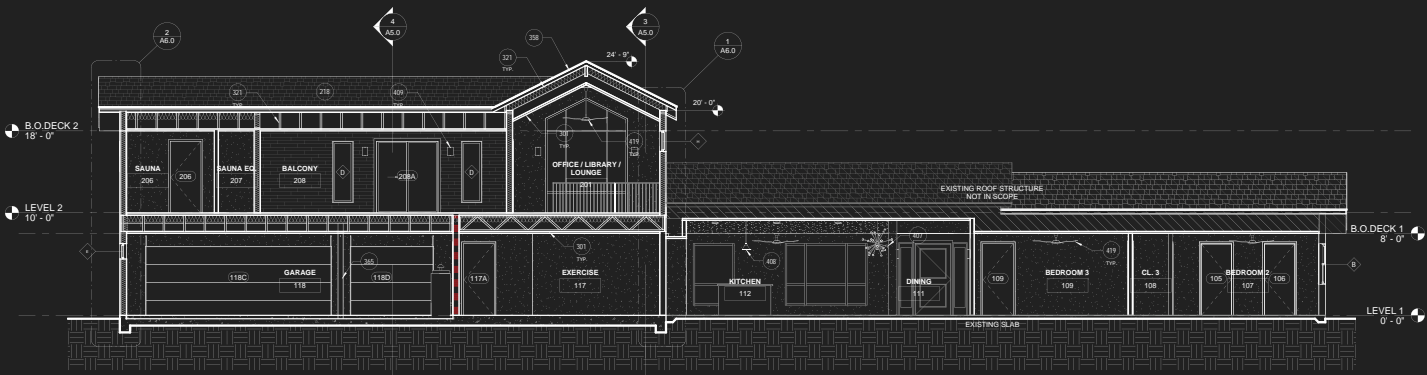
## RESIDENTIAL TENANT IMPROVEMENT - CDs

[illegible]



ARCHITECTURE

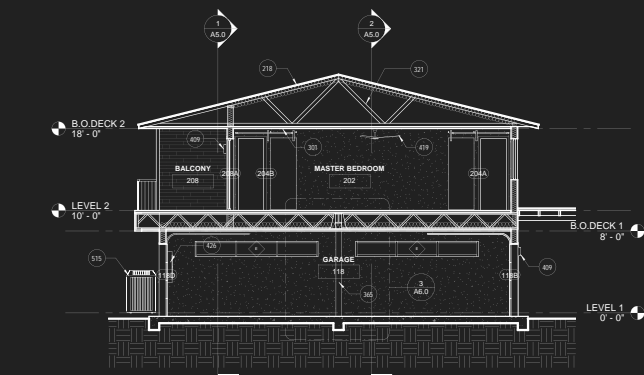
SECTIONS & DETAILS



1 SECTION 1  
N.T.S.



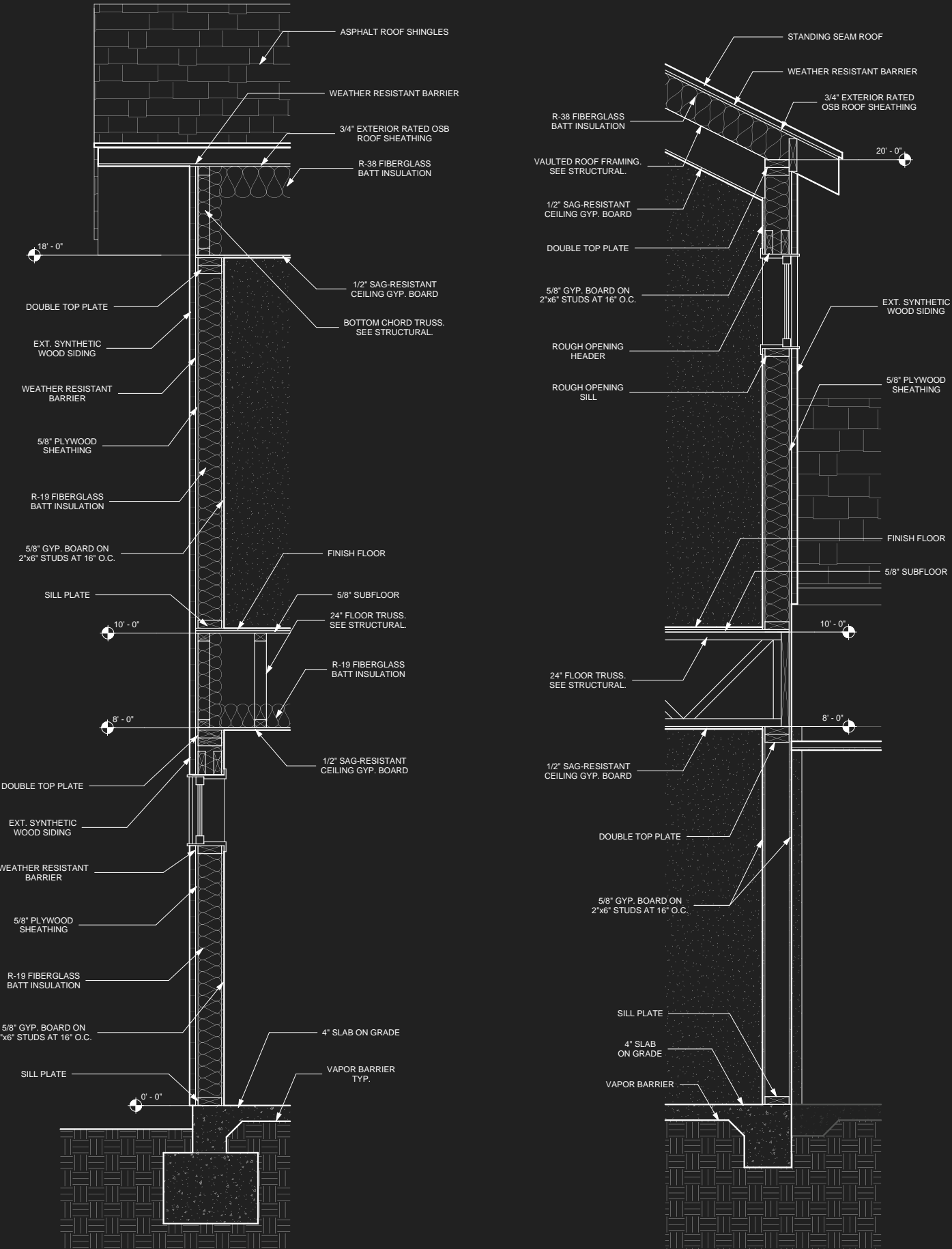
2 SECTION 2  
N.T.S.



3 SECTION 3  
N.T.S.



4 SECTION 4  
N.T.S.

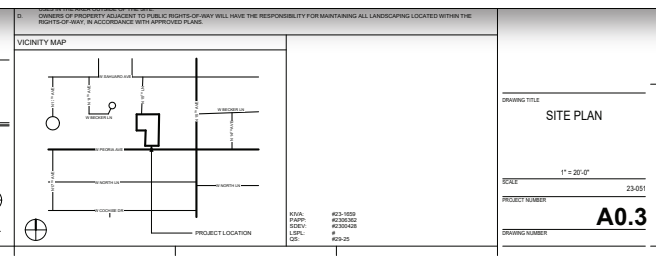
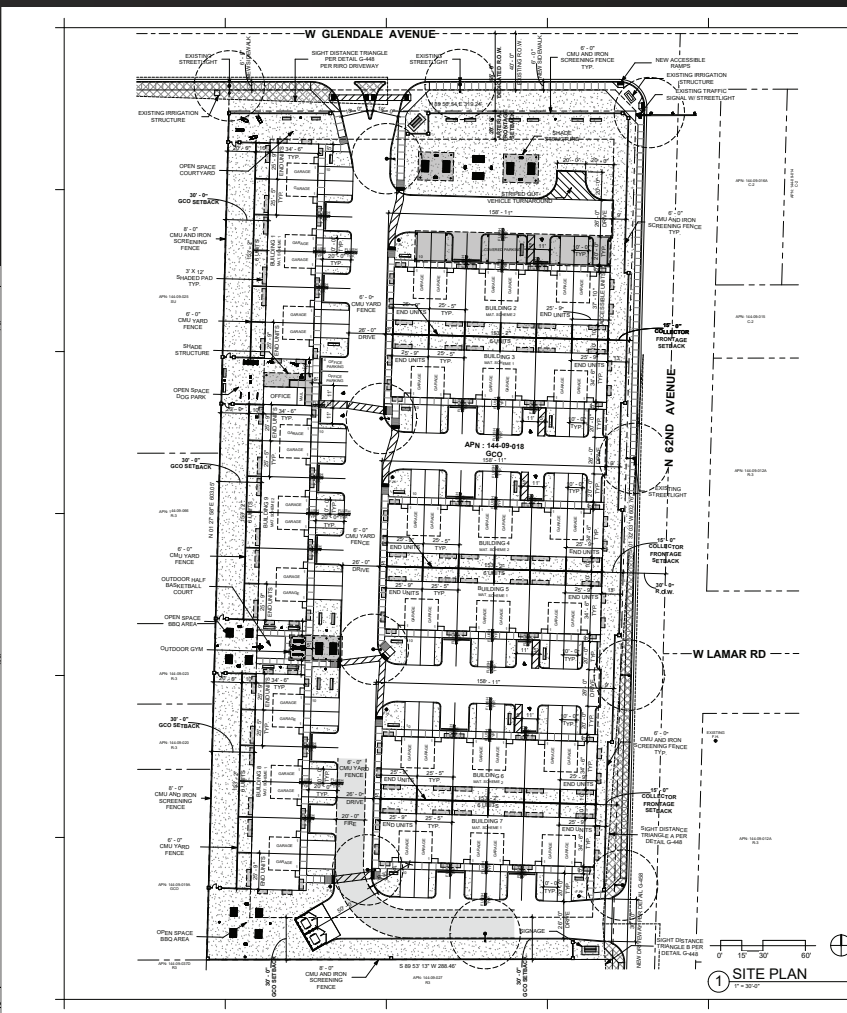
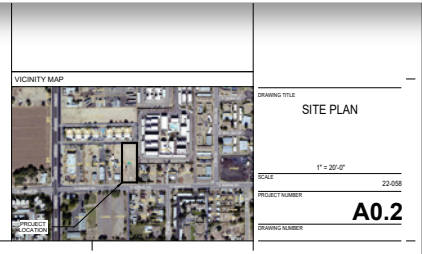
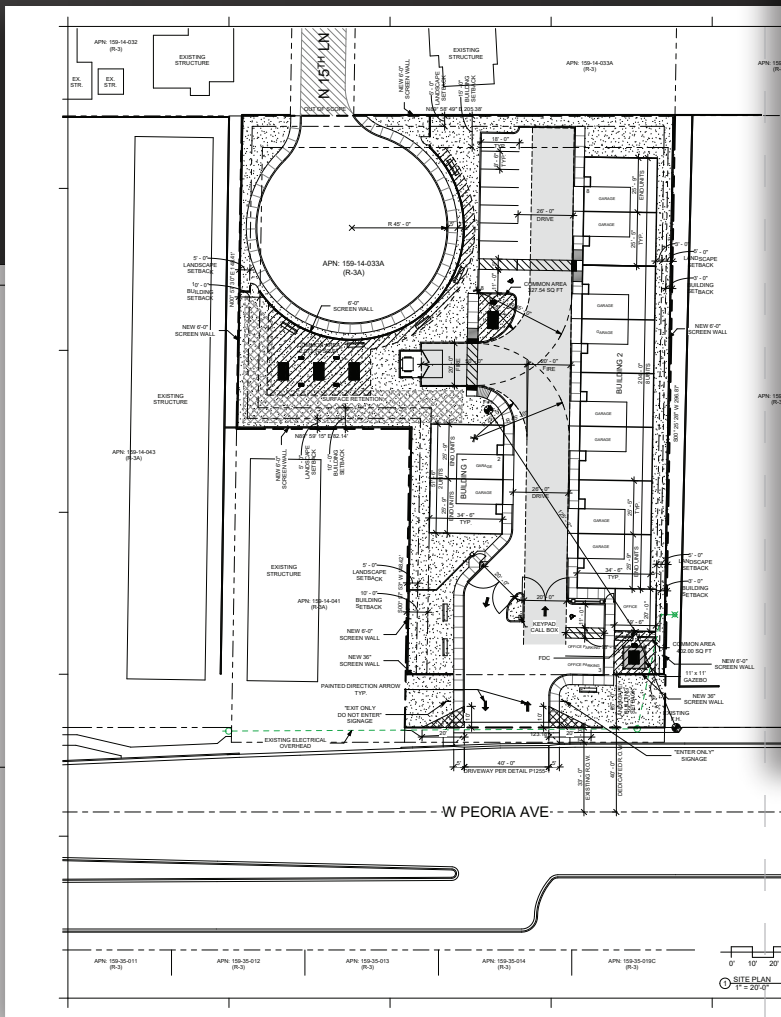
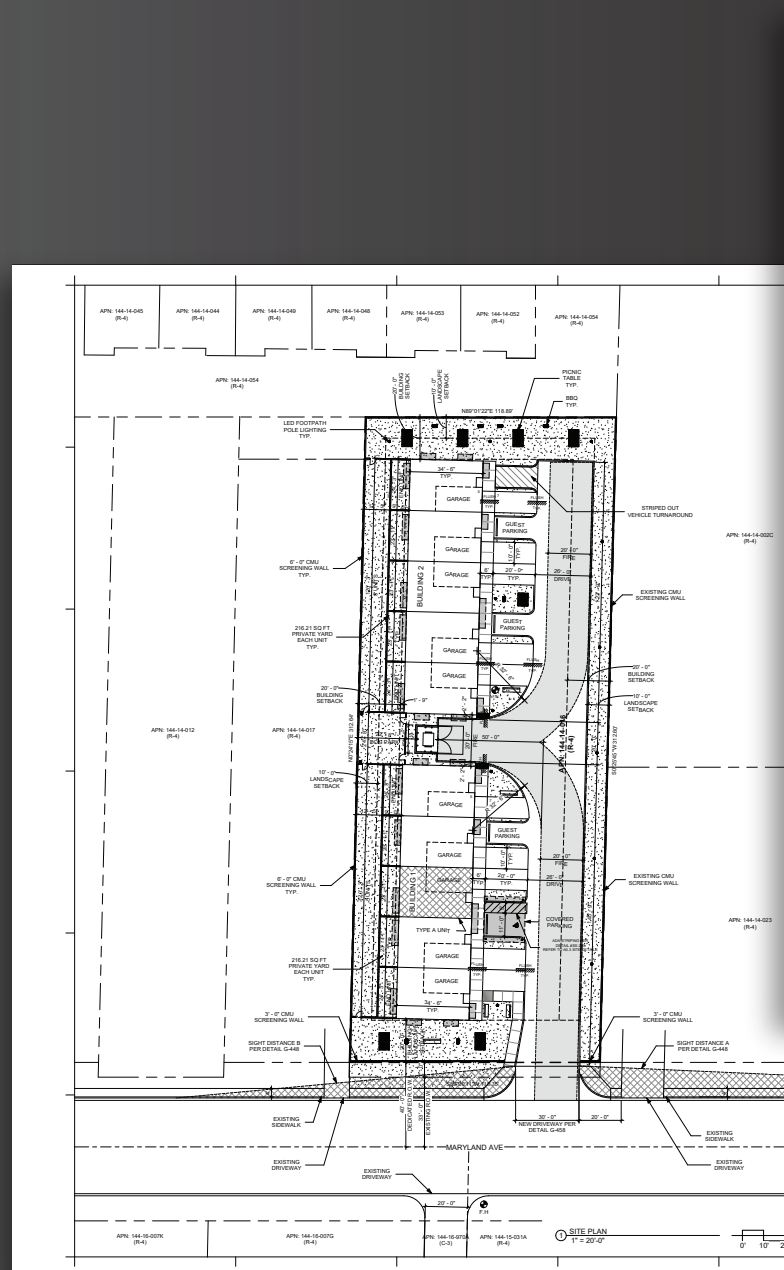


5 WALL SECTIONS  
N.T.S.



# ARCHITECTURE

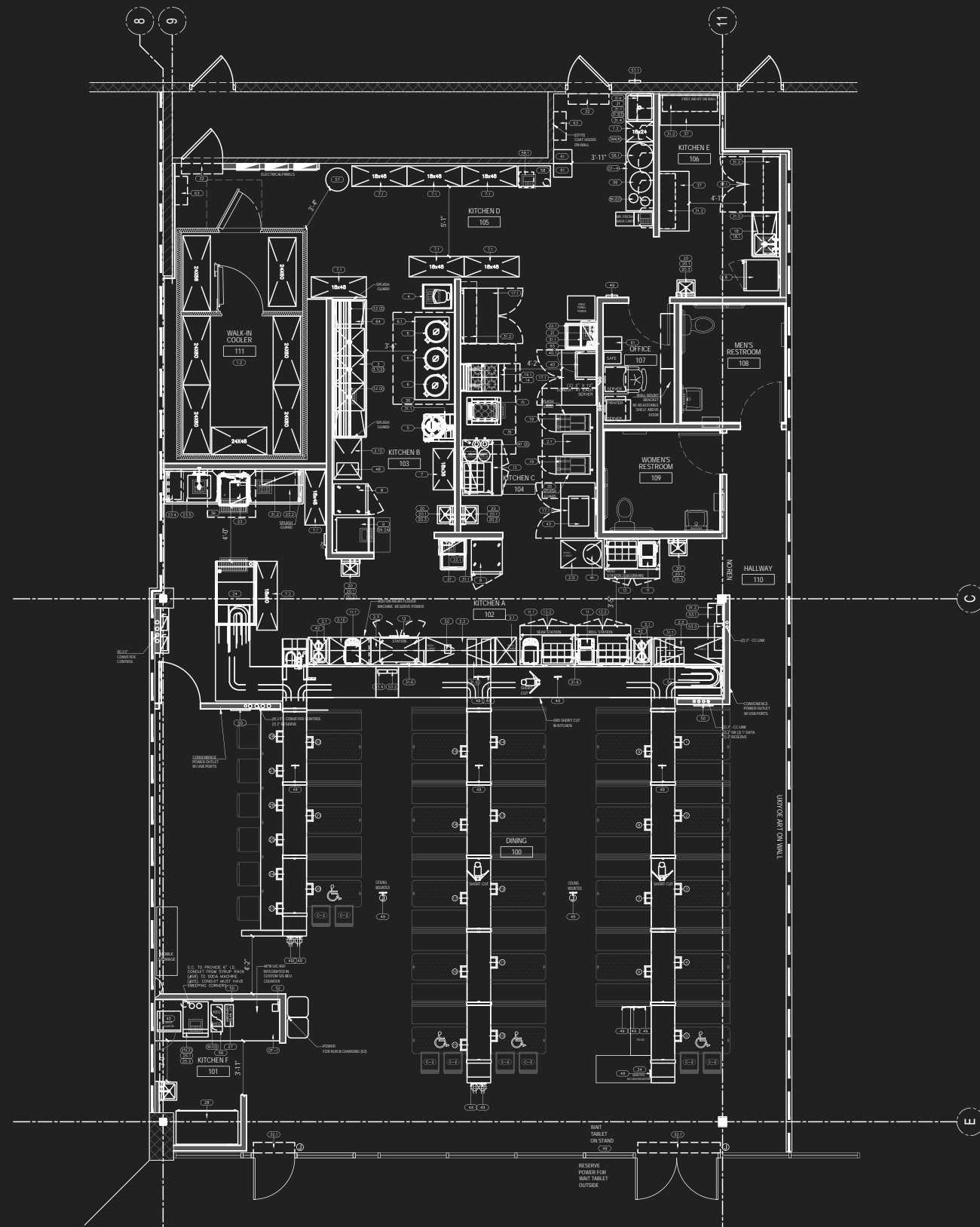
## RESIDENTIAL SITE PLANNING & ENTITLEMENTS

[illegible]



# ARCHITECTURE

## COMMERCIAL TENANT IMPROVEMENT - CDs



## 1 EQUIPMENT PLAN



## 2 REFLECTED CEILING PLAN



# DESIGN-BUILD

## CONSTRUCTION

During the Spring semester of 2022, I took the College of Architecture's Design Build class. In this class, my cohort worked as a team to construct Rowhouses 3 and 4. I primarily assembled the WRB (weather-resistant barrier), flashing, aluminum siding, and parapet caps.



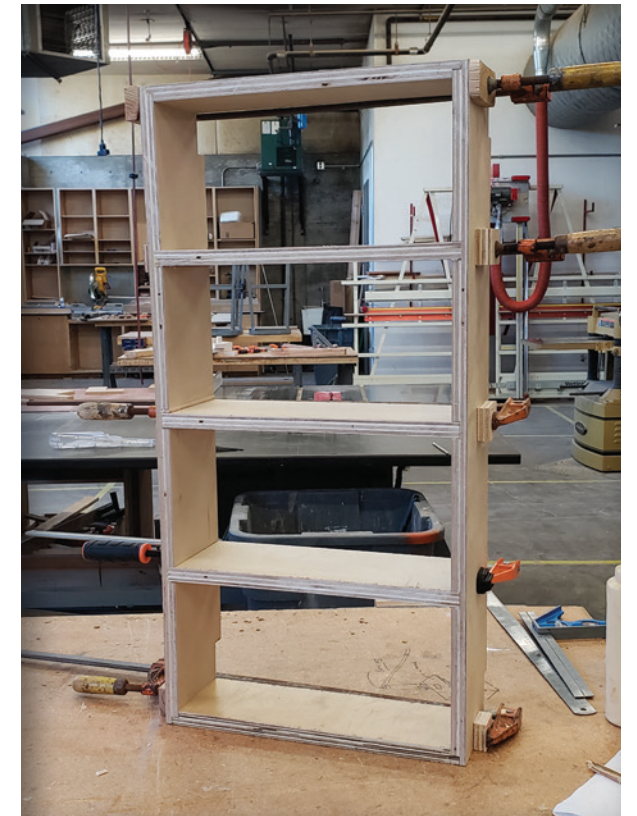


# DESIGN-BUILD

## MILLWORK

In addition to our roles in the Rowhouses' exterior finishes, we were each individually tasked with interior projects as well. One of my tasks was the built-in furniture for Rowhouse 3's bathroom.

These built-in's consisted of the sink cabinet and countertop, the medicine cabinet, and the window surround, which functions as a light shelf and the towel rack.





# STUDIO

## DESIGN STUDIO PROJECTS

My works throughout five years of design studio span a wide variety of site and program parameters, including an environmental learning center, a community garden, a water conservation research institute, a national park monument, and a community space pavilion.



USE: PUBLIC SPACE PAVILION

LOCATION: HERITAGE SQUARE, DOWNTOWN FLAGSTAFF, ARIZONA

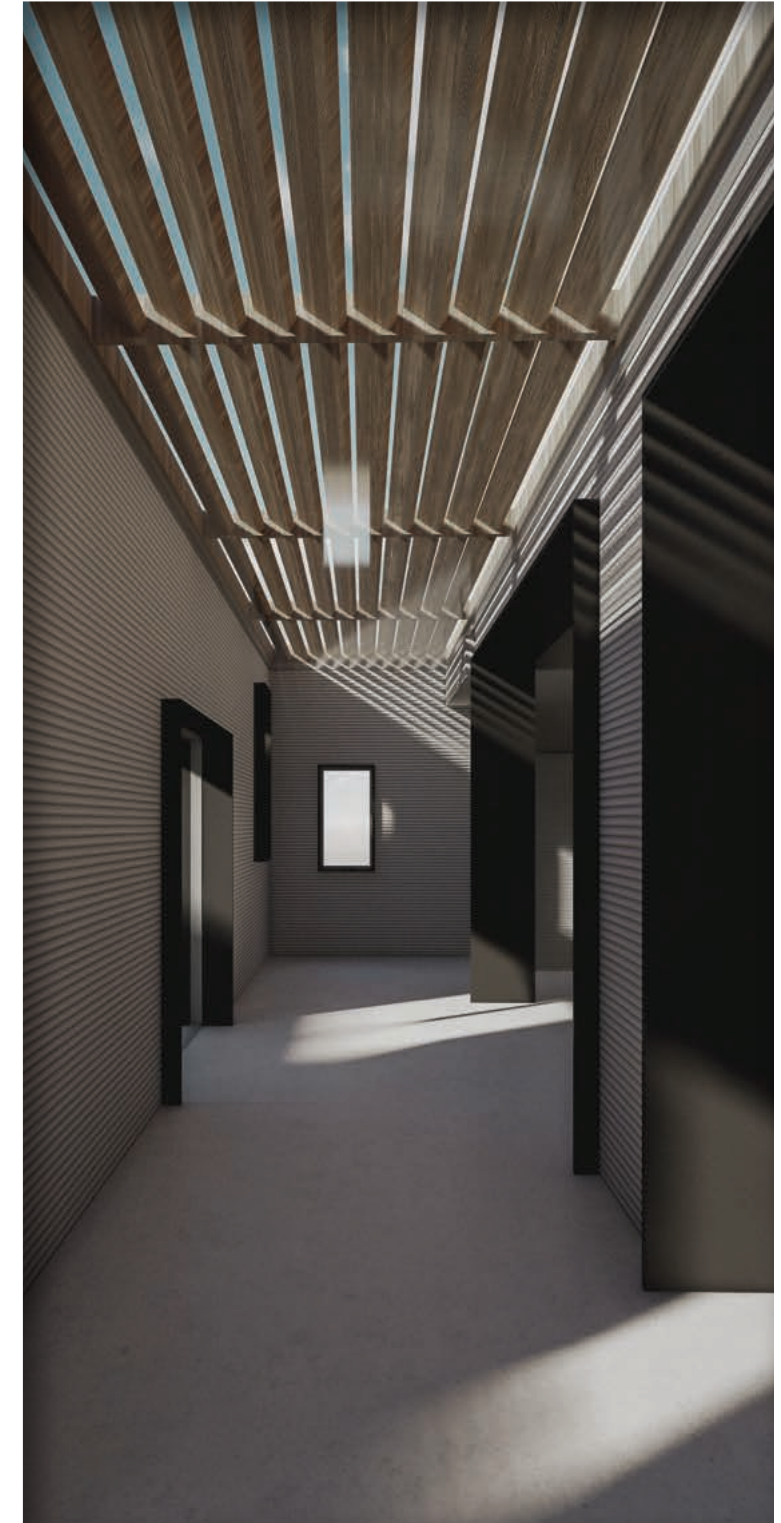
CONCEPT: MARRIAGE OF THE NATURAL ECOSYSTEM WITH THE BUILT URBAN ENVIRONMENT;  
LIVING ARCHITECTURE; DYING ARCHITECTURE, MYCORRHIZAL NETWORK WITHIN  
STRUCTURE TO FACILITATE THE REGROWTH OF THE FOREST.





USE: WATER CONSERVATION RESEARCH INSTITUTE  
LOCATION: SANTA CRUZ RIVER, TUCSON, ARIZONA

CONCEPT: MODULARITY; 3D PRINTED CONCRETE; THE BUILDING CAN BE CONSTRUCTED IN PHASES DETERMINED BY NECESSITY AT THE GIVEN TIME; AS THE FACILITY GROWS IN SCOPE, SO TOO CAN THE ARCHITECTURE.







# PHOTOGRAPHY

PROFESSIONAL & HOBBYIST

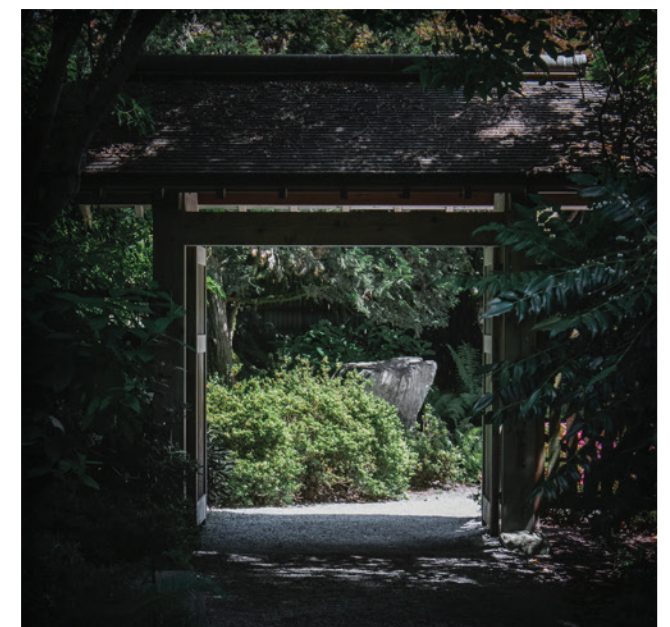
---

Before joining the professional workforce in architecture, I worked as the photographer/videographer for the University of Arizona's Office of Sustainability. I always enjoyed being able to utilize my photography skills in architecture. Over time, I excelled at telling stories through a visual medium. Using scenes to convey thoughts, emotion, and meaning.



# PHOTOGRAPHY

ARCHITECTURAL





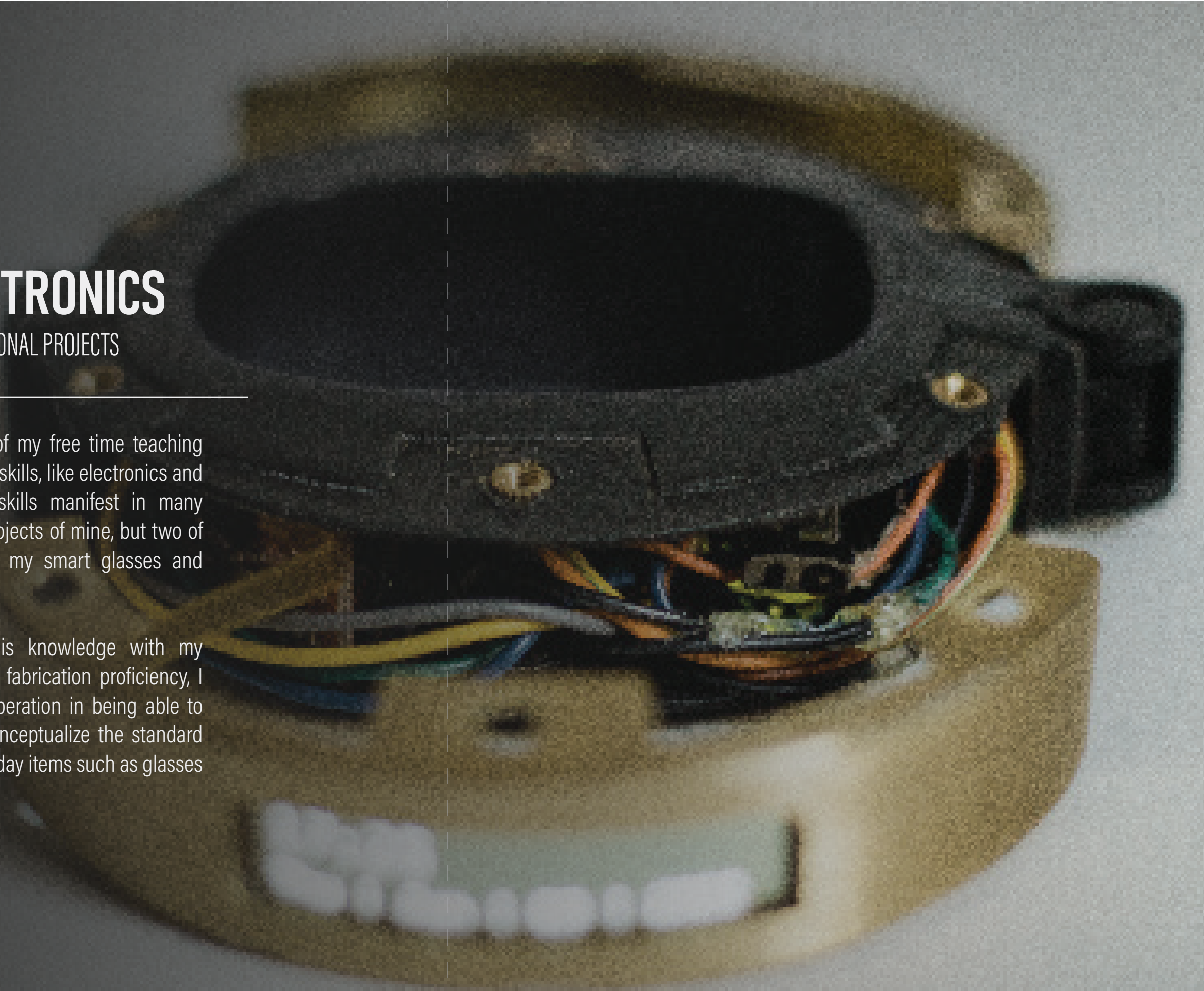
# ELECTRONICS

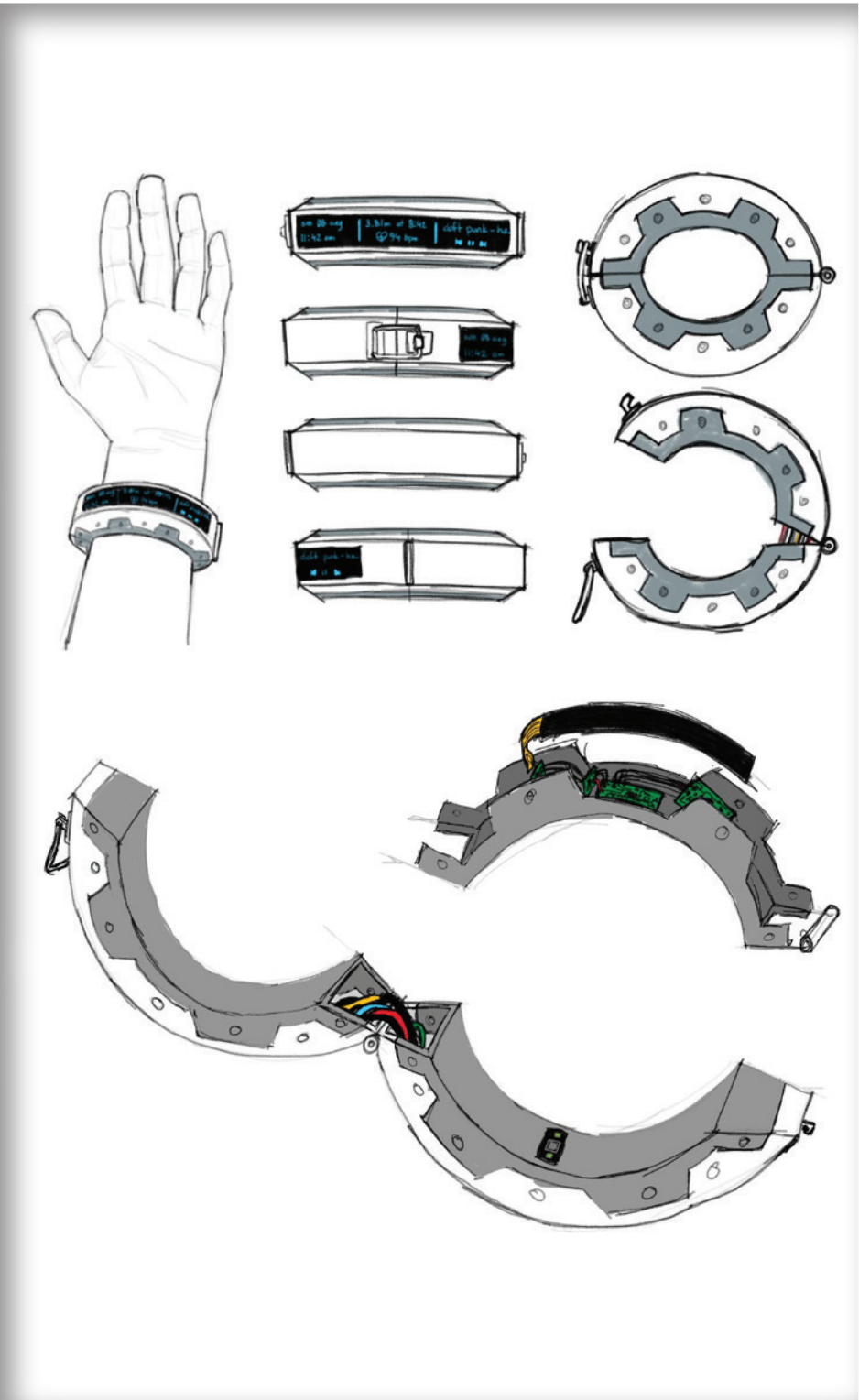
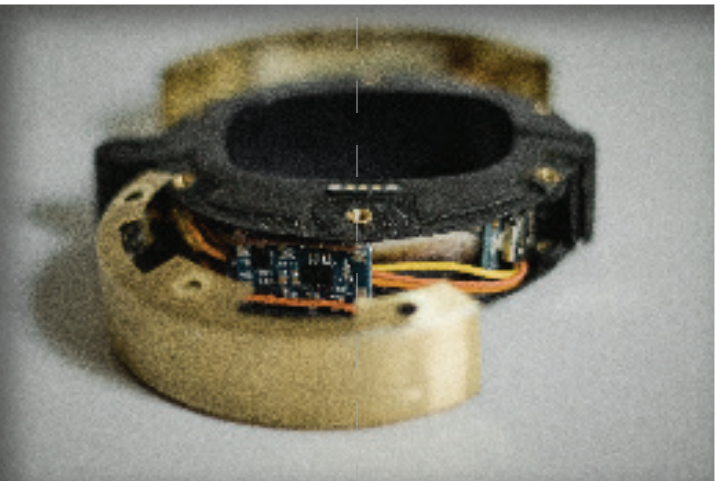
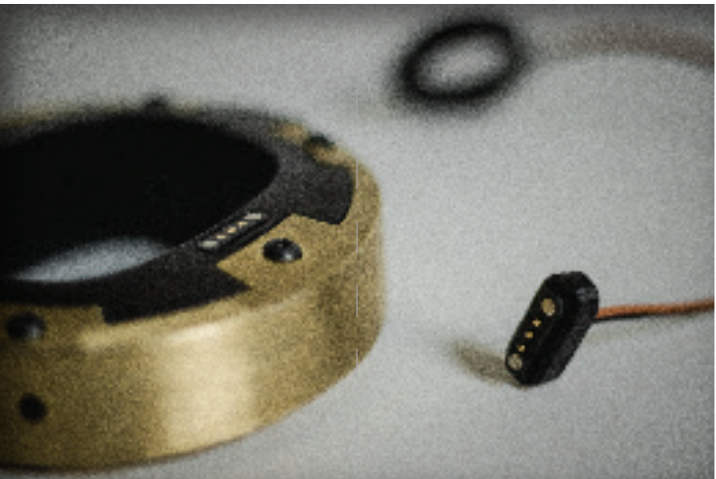
## PERSONAL PROJECTS

---

I spend much of my free time teaching myself adjacent skills, like electronics and coding. These skills manifest in many different side projects of mine, but two of my favorite are my smart glasses and smart watch.

By coupling this knowledge with my prototyping and fabrication proficiency, I feel immense liberation in being able to completely reconceptualize the standard notions of everyday items such as glasses and watches.

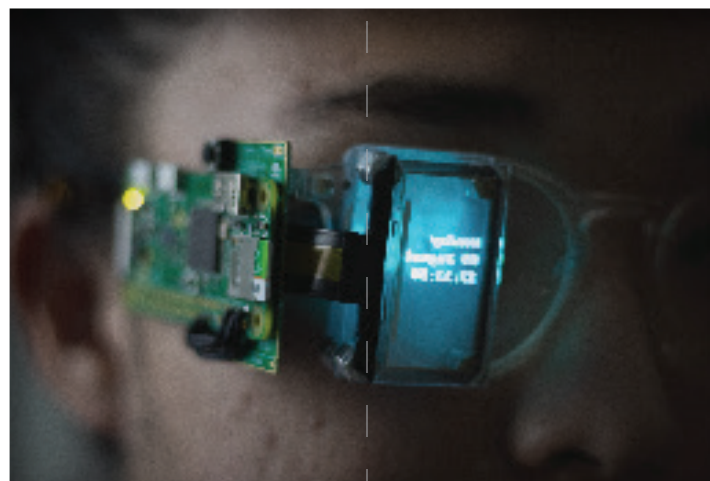
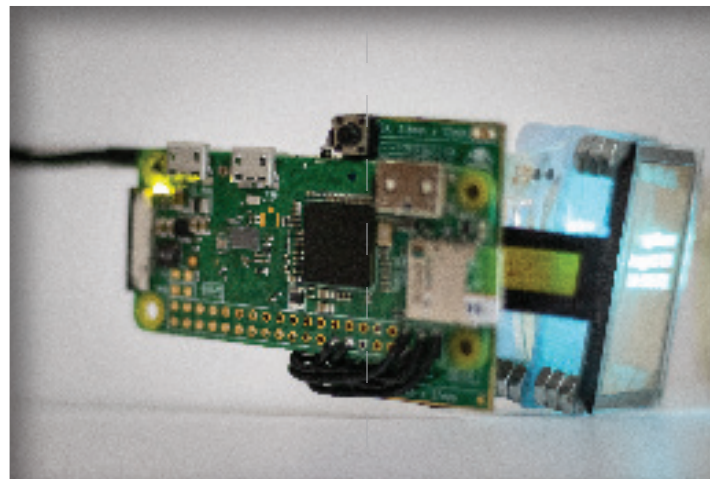
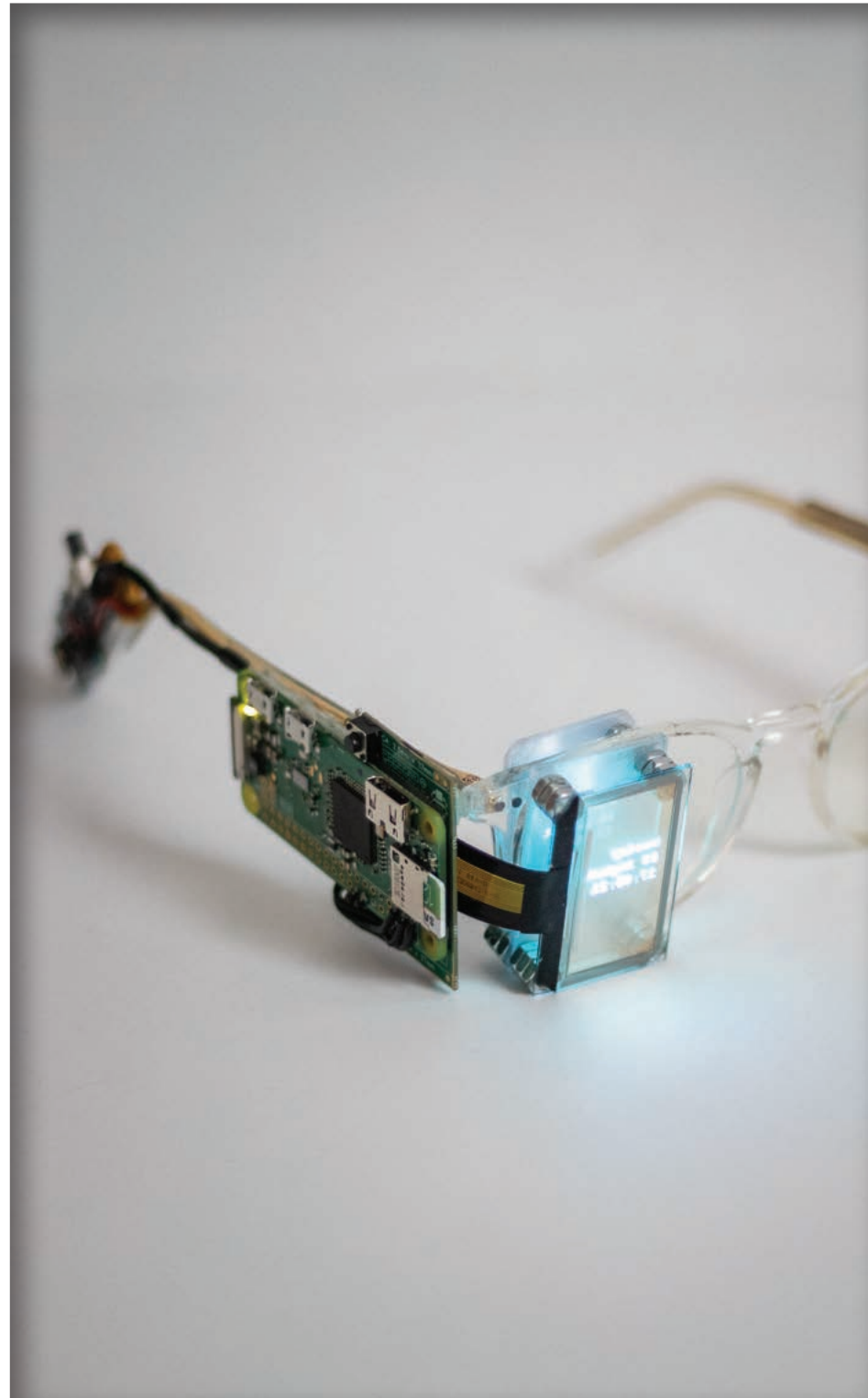






# ELECTRONICS

## SMART GLASSES





# BLACKSMITHING

## HANMETALWORKS

---

While honing my metalworking skills, I discovered a love for blacksmithing. I find something so intensely satisfying in the raw manipulation and formation of a material as immovable as steel. I even opened an online store through which I sold railroad spike knives.





hanul.k.choi@gmail.com

520.461.4632

한