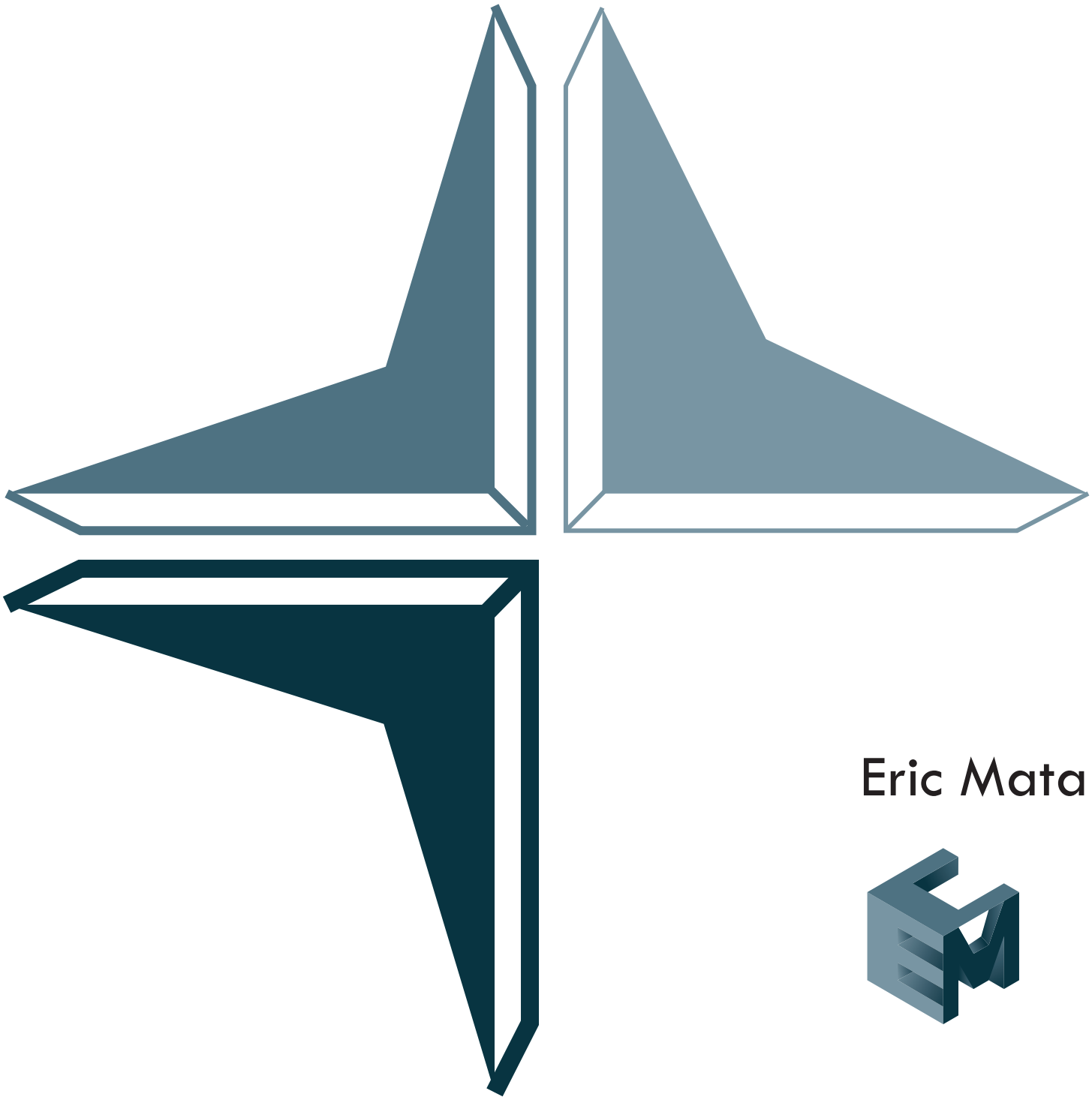
portfolio 6

Architecture Work Experience 2016 - 2017



Eric Mata

ERIC MATA

ARCHITECTURE major

CONSTRUCTION SCIENCE minor

PROFILE

21-year old architecture student with
1 year of work experience
in residential architecture

CONTACT

832 -283 -5313

9806 Kell Drive
Houston, Texas 77040

eric.mata2014@gmail.com
emata1@pvamu.student.edu
https://www.linkedin.com/in/eric-mata-416aa7129
https://archinect.com/MataDesigns

SOFTWARE SKILLS

AutoCAD

Revit

Vray

SketchUP

Vray

Podium

Rhinoceros

Vray

Office

Word

PowerPoint

Excel

Adobe

Photoshop

Illustrator

InDesign

Lumion

WORK EXPERIENCE

COMPUTER LAB TECHNICIAN @ School of Architecture

August 2017 - Current (Student Worker) — Prairie View, Texas

The primary purpose of this position is for aid in the labs and ensuring that the lab is operable at all times. Installing, configuring and troubleshooting operating systems, systems software and CAD, graphics and imaging application software in the computer labs. Creating images for computer configuration. Post imaging work on workstations. Installing, securing and hooking up computers at predefined locations.

RESEARCH PRESERVATION TECHNICIAN @ School of Architecture

June 2017 - August 2017 (Summer Internship) — Prairie View, Texas

Summer Student Hourly/ C.U.R.E.S Center. This past summer, I worked under the supervision of Dr. Song, Professor Batson and Ms. Evans. My job specifications varied on the project that I was working on at the time. However, they were always along the same base lines : re-create floorplans and elevations of old, historical buildings. Among those projects were: Galveston Firehouse #3, learning Cyclone and using it to develop a 3D model scan of "Carnpark", research Dr. Andrea Roberts and her work with the Texas Freedmen Settlements, research the Magnolia Plantation Grounds and draw elevations of existing cabins.

ARCHITECTURE INTERN/ CAD MANAGER @ YEVERINO ARCHITECTS

June 2016 - July 2017 — Houston, Texas

HANDYMAN @ M.MATAS PAINTING

June 2011- June 2016 — Houston, Texas

STOCKMAN @ HOBBY LOBBY

September 2014 - June 2015 — Cypress, Texas

Detailed Work Experience available upon request.

EDUCATION

B.S. IN ARCHITECTURE @ PRAIRIE VIEW A&M UNIVERSITY

June 2014 - Current — Prairie View, Texas

Academic GPA: 3.40

Estimated Graduation Date - May 2018 (w/Bachelors) / May 2019 (w/Masters)

Academic Results:

Summer 2014:

ARCH 1233 - Visual Communications	A
ARCH 1253 - Architecture Design 1	A

Fall 2014:

ARCH 1273 - Multimedia Computer	A
ARCH 2223 - Computer Aided Design	A
ARCH 2256 - Architecture Design 3	A

Spring 2015:

ARCH 2266 - Architecture Design 4	A

Fall 2015:

ARCH 2233 - History of Architecture 1	A
ARCH 2273 - Materials and Methods 1	A
ARCH 3256 - Architecture Design 5	A
ARCH 3293 - Structural Systems 1	B

Spring 2016:

ARCH 2243 - History of Architecture 2	A
ARCH 3266 - Architecture Design 6	A
ARCH 4433 - Structural Systems 2	B
ARCH 4733 - Advanced CAD	B

Fall 2016:

ARCH 3283 - Materials and Methods 2	A
ARCH 3463 - Sustainable Building	A
ARCH 4456 - Architecture Design 7	A
ARCH 4633 - Net Zero Energy Design 1	A
CONS 4603 - Construction Labor & Safety	B

Spring 2017:

ARCH 3453 - Environmental Systems	B
ARCH 4443 - CAD Construction Documents	A
ARCH 4475 - Architecture Design 8	A
ARCH 4613 - Landscape Architecture	A
ARCH 4643 - Net Zero Energy Design 2	A

Fall 2017:

CONS 4633 - Construction Law and Ethics	A
CONS 4753 - Scheduling and Mobilization	B

Spring 2018 - Courses in Progress:

ARCH 1266 - Architecture Design 2
CONS 3633 - Surveying and Soils
CONS 4423 - Commercial Construction
CONS 4773 - Construction Project Controls

EISENHOWER HIGH SCHOOL

August 2010 - June 2014

Academic GPA: 3.6

Detailed education information available upon request.

REFERENCES

William Batson / Architecture Design Professor @ PVAMU SOA — Prairie View, Texas
wjbatson@pvamu.edu

Juanita Jimenez / Architecture Design Professor @ PVAMU SOA — Prairie View, Texas
jtjimenez@pvamu.edu

Cody Arkadie / Senior Architectural Technician @ Canin Associates — Orlando, Florida
C2daA@sbcglobal.net

Table of Contents

Yeverino Architects

Prairie View A&M University/ School of Architecture C.U.R.E.S. Center

Falon Land Studio

Villa Residence

Client: Jose Luis Reyes

One of my very first projects with Yeverino Architects, my task was to develop a 3D model and renderings for a custom home of approximately 2,750 sq ft.

The customer wanted to see how their home would look before they spent their life savings on it. Their home can be described as a "modern villa". They desired a galant entrance with consistent detail throughout the design of the home. The house was designed by the company and I was just in charge of making a 3D model and producing renderings.

Preliminary Elevation: Designed by Yeverino Architects_Received on 07/18/2016

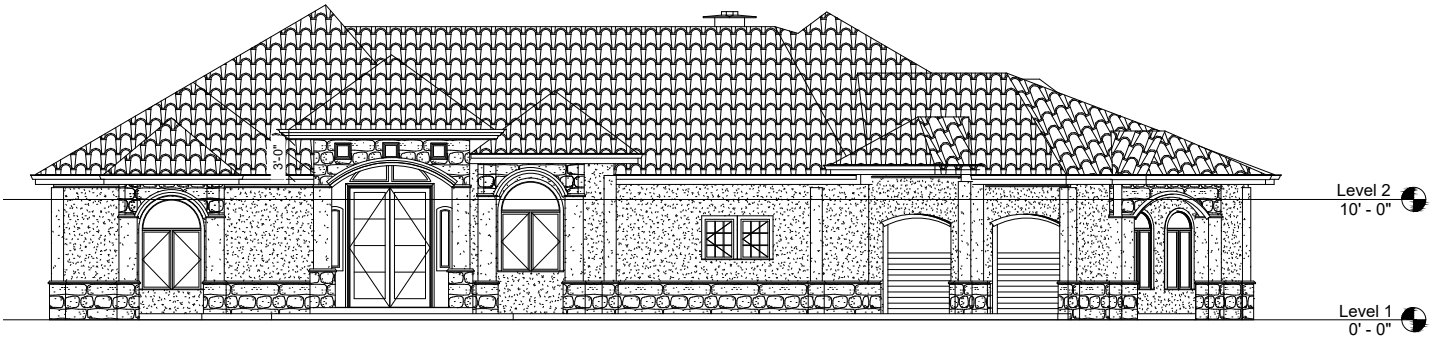
Front Elevation_Scale 1/16" = 1'-0"

Exterior Rendering Version 1.0: Developed on 07/20/2016

.01

After the first set of renders were presented to Yeverino, changes began to take place.

Version 1.8 was developed by me after alot of revised changes. The roof material was changed from shingles to Spanish style. The roof pitches were changed to adjust to new room ceiling heights. Windows were added to exterior walls where the kitchen sink and master bathroom sink are located, along with the car garage. Columns were reduced in the entrance and added in different locations.The exterior wall is now composed of new layered materals. Arches were detailed according to the client's choices.



Final Elevation: Developed on 07/27/2016

Front Elevation_Scale 1/16" = 1'-0"

Exterior Rendering Version 1.8: Developed on 07/28/2016

Leffingwell Client: Nayelly Beltran

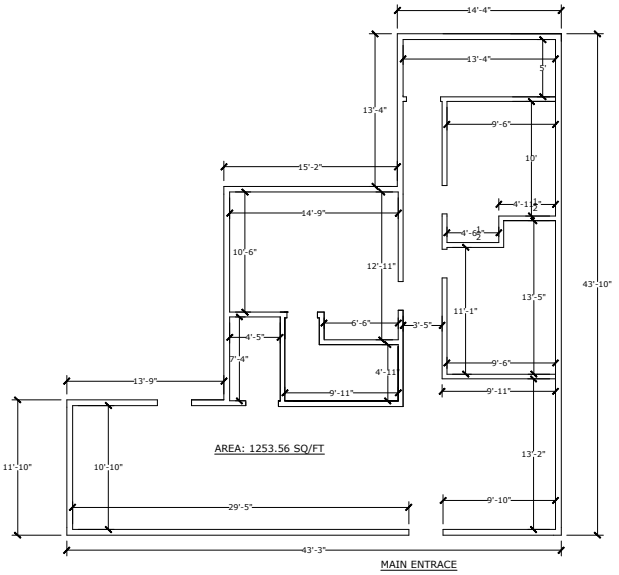
One of the most recent project I did with Yeverino Architects, Leffingwell was a project I took as an intern in which we redrew a house that had previously existed and had been burned down. My task was to photograph the existing conditions, measure and record the placement of windows and doors, measure room areas and record materials used in the original consstruction.

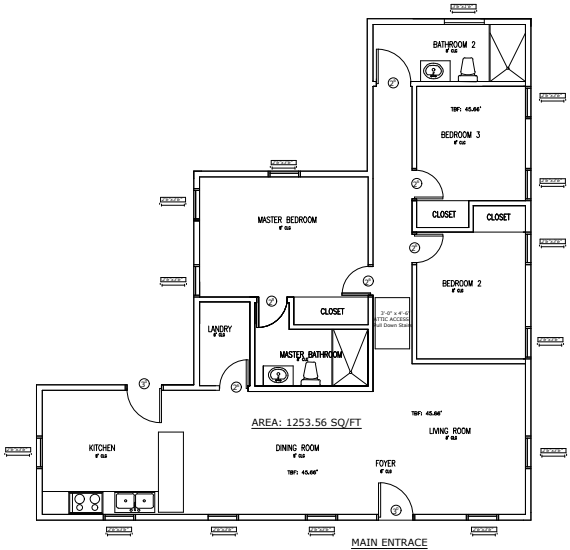
During this project, I learned how to properly draw a pier and footing foundation and detail it. I was also able to be able to take command of most of the project. I was in charge of proposed elevations, floor plan, roof plan, exterior wall section, foundation plan, electrical plan, ceiling framing plan and rafter plan.

I also learned about referencing code for certain design features such as "Crawlspace access" dimensions and writing the specifications on the construction documents.

Existing Conditions as of 03/04/2017

.02



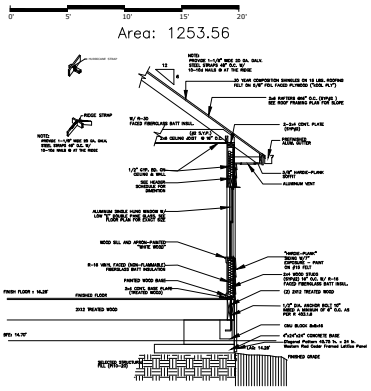


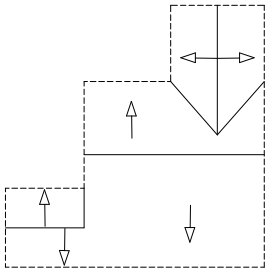
FLOOR PLAN

Area: 1253.56

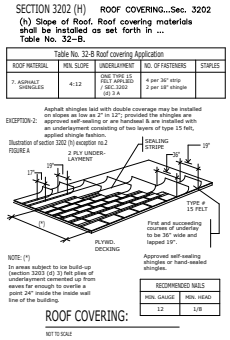
General Notes:

1. All work to be done as per 2012 I.R.C.
2. Water resist gyp. board (full hgt.), @ shower, tub, and walls subject to water splash.
3. Tub and shower, if not fiber glass, shall be tiled to 70" above drain inlet.
4. Glazing in shower, tub enclosure, & door, shall beimpact resistant (tempered).
5. Provide access panels @ plumbing walls, especially tub walls.
6. For installation of AHU see contractor.
7. All exhaust fans must be vented to the outside.
8. Provide G.F.I. where shown as per National Electrical Code.
9. Gas installations and appliances are to be consistent with applicable codes and manufacturer's specificatons.
10. Hot water heater to be installed in mechanical room upstairs, and is to include metal pan wiht drain to the outside.
11. Fire box is to be installed as per 2012 I.R.C. Sandard, and manufacturer's specifications are to be posted @ job site.
12. All exterior finishes shall be water resistant.
13. All french doors shall have safety (tempered) glass.
14. At all guardrails and balustrade,can not have any passage at any point for a 4" sphere or larger.





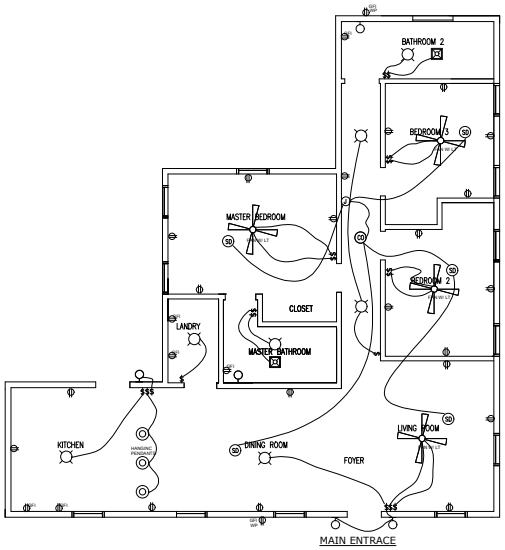
ROOF PLAN



Developed on 03/12/2017

Scale 1/16" = 1'-0"

While doing the floor plan, we adjusted a few spaces per client request. The master bathroom was moved to the left side of the house and the public restroom pumbling was used for the new master bathroom. The kitchen was moved to the left side of the house where one of the bedrooms used to be. Instead of having a family room towards the rear of the house, the space was converted into another bedroom. Regardless of the interior space changes, the roof pitches remained the same. The rear door of the now "public restroom" was deleted as replaced with a window.



ELECTRICAL PLAN

Area: 1253.56

GRAPHIC SYMBOLS

- DUPLEX RECEPTACLE
- GFI OUTLET
- WATER PROOF RECEPTICAL
- DUPLEX RECEPTACLE 220V
- SINGLE POLE SWITCH
- 3 WAY SWITCH
- EXHAUST VENT
- SMOKE DETECTOR
- RECESSED DOWNLIGHT
- CEILING MTD. LIGHT
- CARBONE MONOXIDE
- WALL MTD. LIGHT
- EXTERIOR FLOOD LAMPS W/ MOTION CENSORS
- CEILING FAN

NOTES:

1. **Electrical Subsontractor Ie Responsible For Obtaining Necessary Permits and Inspections**
2. **Electrical Materials and Installation Shall Be In Compliance With N.E.C.,City of Houston and Other Governing Codes and Requirements**
3. **SmokeDetector Locations & Installation Shall Comply With I.R.C. R-317.**
4. **Provide Ground Fault Interruption (G.F.I.) Outlets as Required**
5. **Oulets In Bathrooms Shall Be G.F.I. Mounted 40" A.F.F. When Located Above Vanities**
6. **Provide Dedicated 20Amp. Circuit For Dryer 40" A.F.F.**
7. **Provide Electrical Disconnect at Each A/C Unit**

General Notes:

1. All work to be done as per 2012 I.R.C.
2. Water resist gyp. board (full hgt.), @ shower, tub, and walls subject to water splash.
3. Tub and shower, if not fiber glass, shall be tiled to 70" above drain inlet.
4. Glazing in shower, tub enclosure, & door, shall beimpact resistant (tempered).
5. Provide access panels @ plumbing walls, especially tub walls.
6. For installation of AHU see contractor.
7. All exhaust fans must be vented to the outside.
8. Provide G.F.I. where shown as per National Electrical Code.
9. Gas installations and appliances are to be consistent with applicable codes and manufacturer's specificatons.
10. Hot water heater to be installed in mechanical room upstairs, and is to include metal pan wiht drain to the outside.
11. Fire box is to be installed as per 2012 I.R.C. Sandard, and manufacturer's specifications are to be posted @ job site.
12. All exterior finishes shall be water resistant.
13. All french doors shall have safety (tempered) glass.
14. At all guardrails and balustrade,can not have any passage at any point for a 4" sphere or larger.

NOTE: ALL SMOKE DETECTORS SHALL BE HARD-WIRED AND INTER-CONNECTED WITH BATTERY BACKUP.

THE ATTIC ROUGH OPENING SHALL BE 30"x54" AND THE STAIR LOAD CAPACITY SHALL BE A MINIMUM OF 350 POUNDS.

NOTE: THAT THE REQUIRED HANDRAILS AND GUARDRAILS WILL BE DESIGNED TO WITHSTAND A 200 POUND LIVE LOAD IN ANY DIRECTION.

ELECTRICAL NOTES:

MASTER ELECTRICIAN IS TO REVIEW AND CONFIRM EXISTING ELECTRICAL SERVICE METER AND BOXES TO BALANCE NEW ELECTRICAL INVENTORY TO BE ADDED FOR THIS ADDITION AT THE REAR OF THE HOUSE.

I AM PROVIDING INVENTORY AND LOCATION BUT MASTER ELECTRICIAN IS TO CONFIRM SIZE OF SERVICE AND ELECTRICAL PANELS TO WORK USING THE EXISTING ELECTRICAL SERVICE.

SHOULD THE CITY OF HOUSTON MAY REQUIRED A SEPARATE DRAWING TO SHOW THE BALANCE LOADS, ADJUSTMENTS TO THE ELECTRICAL SERVICE PANELS AN ADDITIONAL DRAWING WILL BE REQUIRED BY THE CITY OF HOUSTON INSPECTOR.

ELECTRIC NOTES

a.) All electrical connections are to be made by an approved licensed electrician to meet all city code standards and all U.B.C. codes.

b.) If applicable...Use only approved smoke detectors, (G.E. photo electric 1CBO #3146), locate 12" from the wall, install as per code.

c.) All electrical ground systems, to be provided as per NEC. ART. 250. , of the U.B.C., code book.

d.) All exterior light fixtures are to be lo- ted... + 72" from the finish floor.

e.) All typical wall outlets are to be located ... + 12" from the finish floor.

f.) All typical wall switches are to be located ... + 43" from the finish floor, unless indicated otherwise by customer.

g.) All outlets near or closer than 12" from water access, must be G.F.I., and install as per mfr's specifications.

h.) All above counter outlets at the service area shall be...+ 41" from the finish floor.

i.) All above counter oulets to baths shall be ... +42" from the finish floor.

j.) If applicable... Any electrical push buttons for any purpose, shall be...+30" from the finish floor.

ELECTRICAL CODES NOTES:

1. ALL ELECTRICAL WORK SHALL BE PROVIDED IN COMPLIANCE WITH 2011 NATIONAL ELECTRICAL CODE (NEC) BY LOCAL CITY CODE ORDINANCE #20111020 AS PER REQUIRED BY THE CITY OF PASADENA ELECTRIC UTILITY DESIGN CRITERIA MANUAL OF 2010 THE ENERGY CODE 2009 IECC AND THE CITY OF PASADENA DESIGN STANDARDS FOR RESIDENTIAL CONSTRUCTION.

AMPERE RATING NOTES:

2. ALL RECEPTACLES AND SWITCHES IN RESIDENTIAL BUILDING SHALL BE RATED 20 AMPERE MINIMUM.

AMPERE RATING NOTES:

3. ALL NEW ELECTRICAL SYSTEMS SHALL COMPLY WITH THE COLOR CODING OF CONDUCTORS IN ACCORDANCE WITH THE CITY OF PASADENA ORDINANCE #20111020—089.

CONTRACTOR VERIFICATION OF RESPONSIBILITIES:

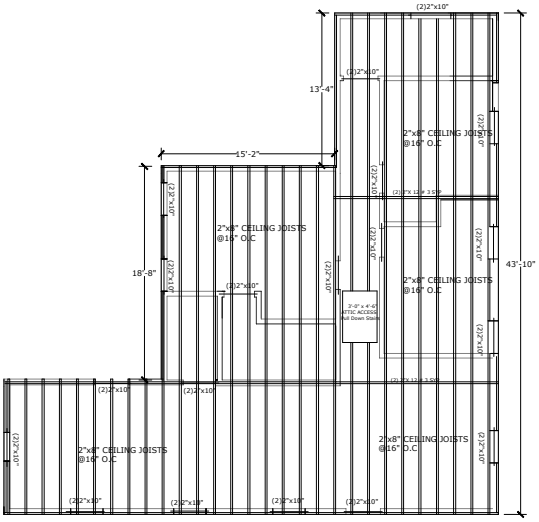
4. CONTRACTOR SHALL REPORT ANY DISCREPANCIES, OMISSIONS OR INCONSISTENCIES ON THE DRAWINGS TO THE ENGINEER FOR VERIFICATION BEFORE STARTING CONSTRUCTION.OWNER AND THE ENGINEER ARE NOT RESPONSIBLE FOR ANY ERRORS IN CONSTRUCTION WHERE SUCH DISCREPANCIES, OMISSIONS OR INCONSISTENCIES HAVE NOT BEEN PROPERLY REPORTED IN A TIMELY MANNER.
CONTRACTOR TO FIELD VERIFY LOCATION, TYPE AND SIZE OF EXISTING UTILITIES. CONTACT LEANDER AREA "ONE CALL CENTER AT THEIR LOCAL CONTACT PHONE FOR EXISTING UTILITY LOCATIONS.

LIGHTING SCHEDULE

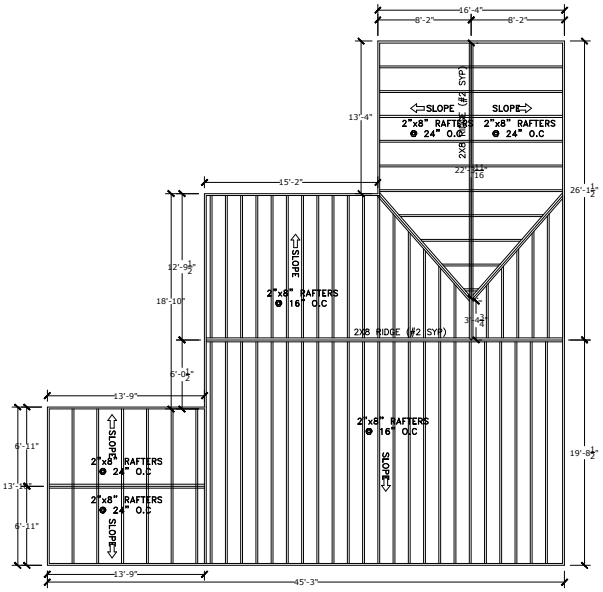
EQUIPMENT	QTY.	DESCRIPTION	REMARKS	SPECS.
SURF. FLUO. LAMP	01	KITCHEN AREA	CUSTOMER'S CHOICE	WHERE INDICATED
EXT. WALL LAMPS	01	STAND. WALL MOUNT	CUSTOMER'S CHOICE	WHERE INDICATED
RECESS LAMPS	02	BAR AREA	CUSTOMER'S CHOICE	WHERE INDICATED
CEILING FANS	01	WITH LIGHTS	CUSTOMER'S CHOICE	150 W. EA.
FLOOD LAMPS	02	DBL. W/SENSOR	CUSTOMER'S CHOICE	2 X 75 W. EA.
SURFACE LIGHT	01	PANTRY AREA	CUSTOMER'S CHOICE	CEILING MOUNT
SURFACE LIGHT	01	DINING AREA	CUSTOMER'S CHOICE	CEILING MOUNT
WGFI W/PLGS	02	110 V.	WHERE INDICATED	REAR EXTERIOR
GFI PLGS	02	110 V.	KITCHEN COUNTER	WALL CONNECTION
WALL PLUGS	10	110 V.	WHERE INDICATED	
STAND. SWITCHES	07	110 V.	WHERE INDICATED	
3 WAY SWITCHES	04	110 V.	WHERE INDICATED	
EXHAUST HOOD	01	OVER STOVE		

Developed on 03/12/2017

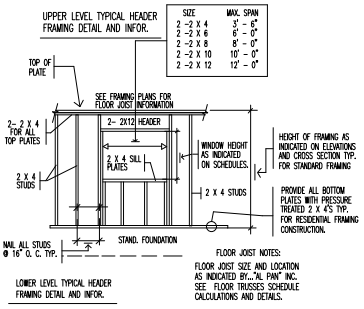
Scale 1/16" = 1'-0"

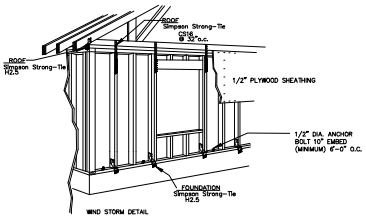


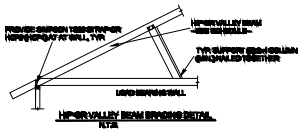
CEILING/FRAMING PLAN

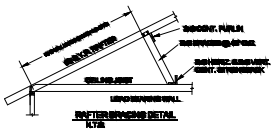


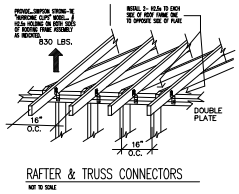
RAFTER PLAN







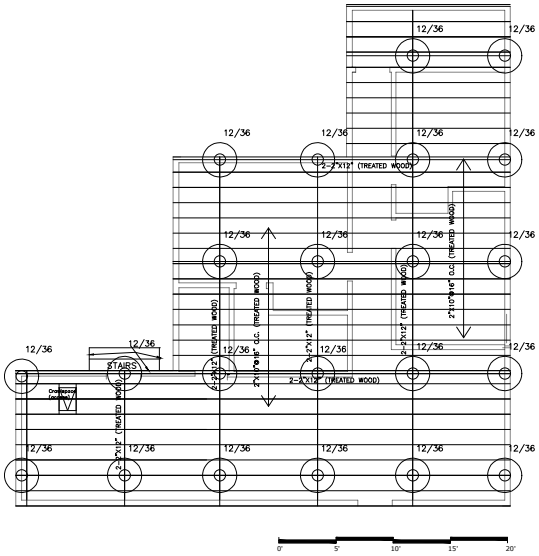




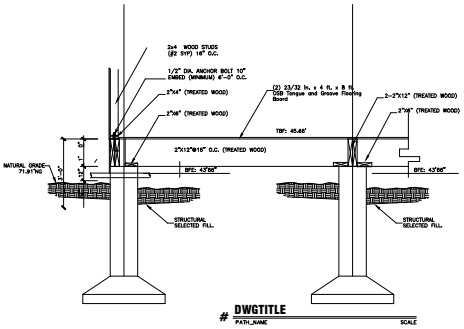
RAFTER & TRUSS CONNECTORS

Developed on 03/12/2017

Scale 1/16" = 1'-0"

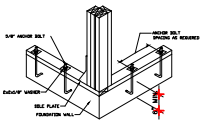


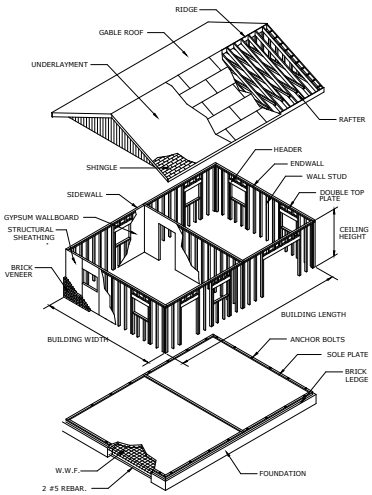
Area: 1253.56

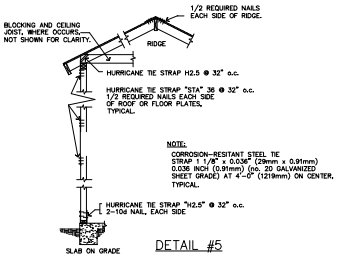


DWGTITLE
PATH_NAME SCALE

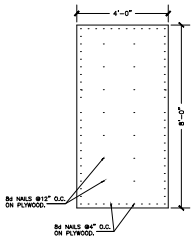
FOUNDATION PLAN





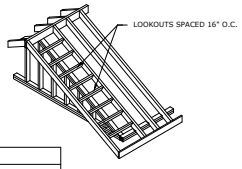


DETAIL #5



NOTES:

1. ALL EXTERIOR CORNER WALLS SHALL HAVE A MINIMUM OF ONE LAYER OF 1/2" PLYWOOD SHEATHING (STRUCTURAL GRADE) WITH 8d NAILS @ 4"o.c.
2. SEE DETAIL No. 2/S-2 FOR SHEAR WALLS. PROVIDE THE SHEATHING/NAILING PATTERN AS INDICATED ON THESE DRAWINGS.
3. 1/2" DRYWALL WITH 5d COOLER NAILS @ 7"o.c. AT EDGES PROVIDE THIS AS STANDARD CONSTRUCTION FOR BOTH SIDES OF ALL INTERIOR STUD WALLS.
4. PROVIDE BLOCKING AT ALL SHEATHING EDGES. PROVIDE DOUBLE STUDS w/ SIMPSON HDSA, HTT22 (OR EQUAL) AT EACH END OF THE SHEAR WALL.
5. PROVIDE 1/2"ø ANCHOR BOLTS @ 4'-0" MAX. OR AT LEAST 2 BOLTS IN THE MIDDLE OF EACH SHEAR WALL.
6. PROVIDE CONTINUOUS HURRICANE CLIPS FROM ROOF TO FOUNDATION AS REQUIRED BY LOCAL BUILDING CODE, AND AS SHOWN IN DETAIL #5/S-5.



WIND STORM NOTES:

1. RAFTER HURRICANE TIES– CONNECT ALTERNATE RAFTERS TO SUPPORTS WITH SIMPSON H2.5 HURRICANE TIE
2. ALIGN OPPOSING RAFTERS @ RIDGE AND CONNECT WITH SIMPSON LSTA STRAPS TIE WITH 10–10d NAILS (5 EA. SIDE)
3. ROOF BRACING– 2 X 6 PURLIN WITH 2 X 4 BRACE @ 48" O.C. TO BEAM OR WALL BELOW
4. CEILING JOIST– SYP. # 2 2 X 8 @ 16" O.C. U.N.O.
5. ALL BEAM CONNECTIONS SIMPSON HGB OR HGLT
6. PROVIDE FULL BEARING UNDER BEAMS CONTINUOUSLY TO FOUNDATION
7. DL– 5 PSF LL 10 PSF
   UNIFORM DIST. LOAD FROM WALL ABOVE #/LF
   POINT LOAD FROM WALL OR COLUMN ABOVE #
   ALL NON LOAD BEARING TRUSSES @ 120 #/LF MIN. PLUS LOAD FROM WALL ABOVE
   ALL FLUSH BEAM CONNECTIONS SIMPSON HGB OR HGLT
   ALL FLUSH STEEL TO STEEL BEAMS CONNECTIONS
   2– L 4" x 4" x 1/4" X 9" WITH
   6– 3/4" ø A307 BOLTS

DWGTITLE
PATH_NAME SCALE

ROOF AND FLOOR ANCHORAGE AT EXTERIOR WALLS

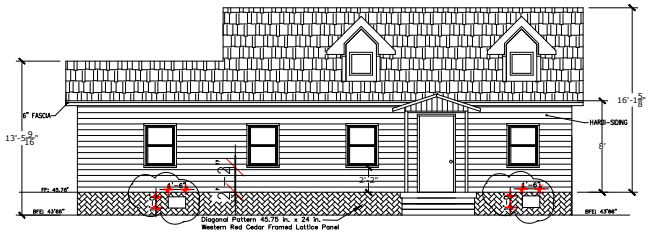
BASIC WIND SPEED (MPH) x 1.61 FOR KPH	LOCATION	NUMBER OF NAILS TYPICAL LOCATION B	C	D
110	ROOF TO WALL	10–10d	12–10d	12–10d
	FLOOR TO FLOOR	8–10d	10–10d	10–10d
	FLOOR TO FOUNDATION	6–10d	8–10d	8–10d

RIDGE TIE–STRAP NAILING

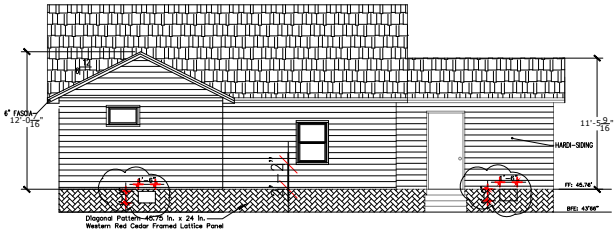
BASIC WIND SPEED (MPH)	NUMBER OF NAILS EXPOSURE		
x 1.61 FOR KPH	B	C	D
110	12–10d	14–10d	16–10d

Developed on 03/12/2017

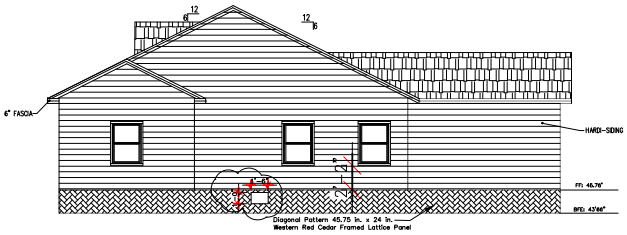
Scale 1/16" = 1'-0"



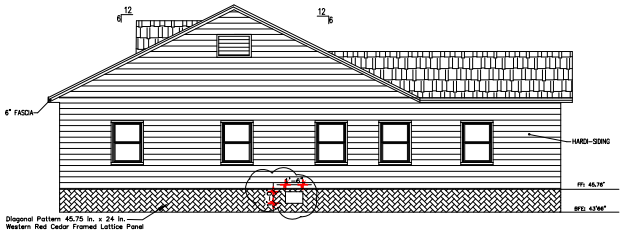
FRONT ELEVATION



BACK ELEVATION



RIGHT ELEVATION



LEFT ELEVATION

PROPOSED ELEVATIONS

Crawlspace (access) R408.4 2006 IRC
Crawlspace access – An access opening of 18"x 24" shall be provided to the under–floor space. If mechanical equipment is located under–floor, access shall comply with section M1305.1.4).
Crawlspace (Ventilation Openings) R408.1 2006 IRC
Crawlspace ventilation openings shall not be less than 1 square foot for each 150 square feet of under floor space area. Provide the crawlspace ventilation calculations to insure proper ventilation. One vent shall be within 3 feet of each corner of the building

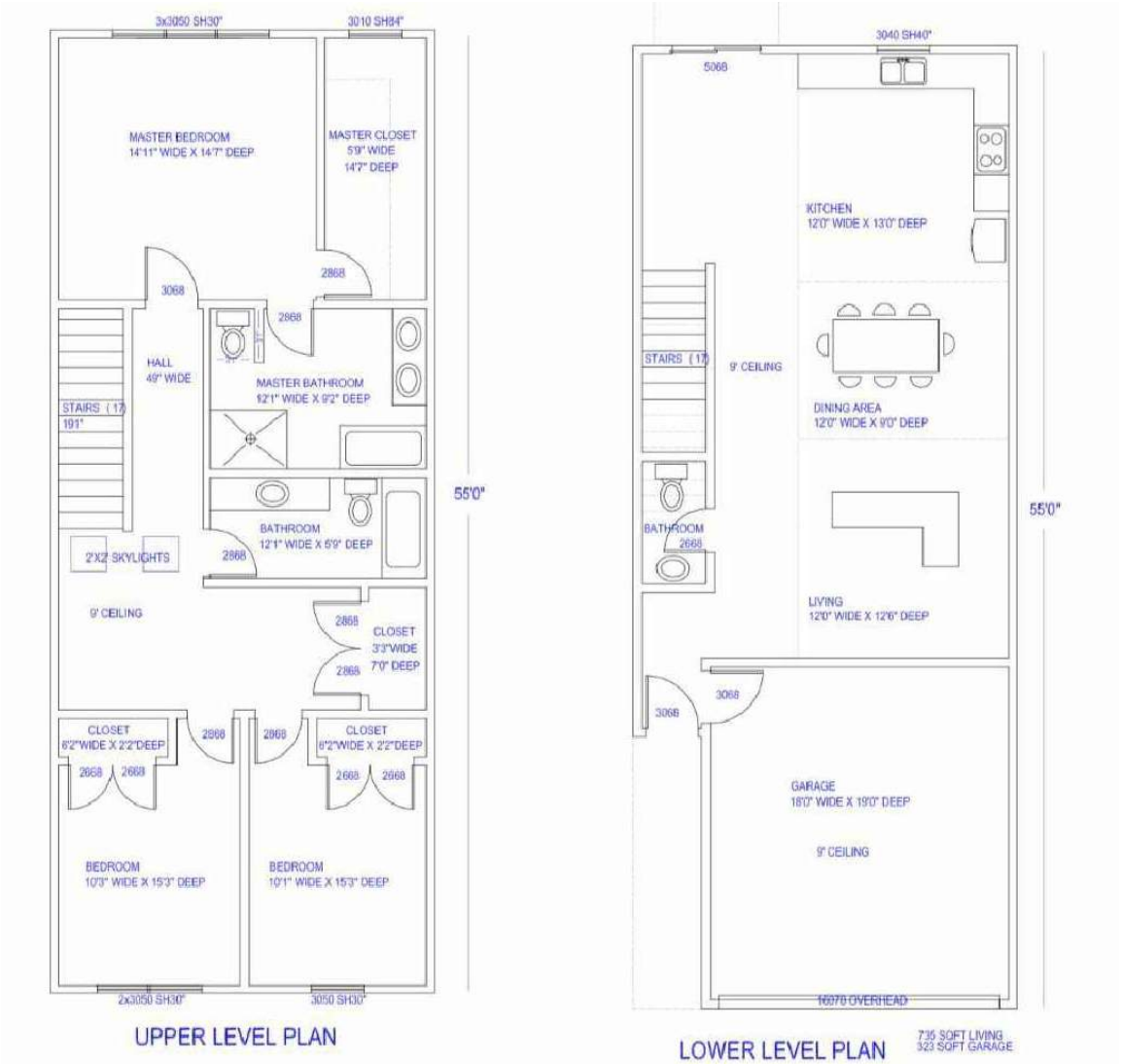
Developed on 03/12/2017

Scale 1/16" = 1'-0"

Modern Living Space

Client: Mauricio

My very first project with Yeverino, during this project I was tasked to develop a 3D model and renderings based on a floor plan that had already been drawn by the client Mauricio. The building was to be used as a "living space" that would have 2 floors. The bedrooms would be located on the 2nd floor as a way to establish a more "private" feeling. Once going upstairs, there would not be an established location for any "public" interaction. The site was not determined when I was tasked with the project.



Floor Plan drawn by client

Scale 3/32" = 1'-0"

.03

July 2016 - August 2016
3D Modeling and Renderings
Residential Project under supervision of Principal Alejandro Yeverino

Exterior "left angle" perspective (Front of Building)

Exterior "right angle" perspective (Rear of Building)

Exterior "right angle" perspective (Front of Building)

I was given the freedom of being able to choose the materials and overall aesthetic look for the exterior facades. I decided I wanted to use"earth tone" materials and add louvers. Without the knowledge of the site orientation or location, I wanted the building to have renewable energy resources. I also wanted to think about this building as something that could be placed anywhere and would be able to fit on the site.

Yeverino Architects
Modern Living Space

Houston, Texas

Galveston Firehouse #3

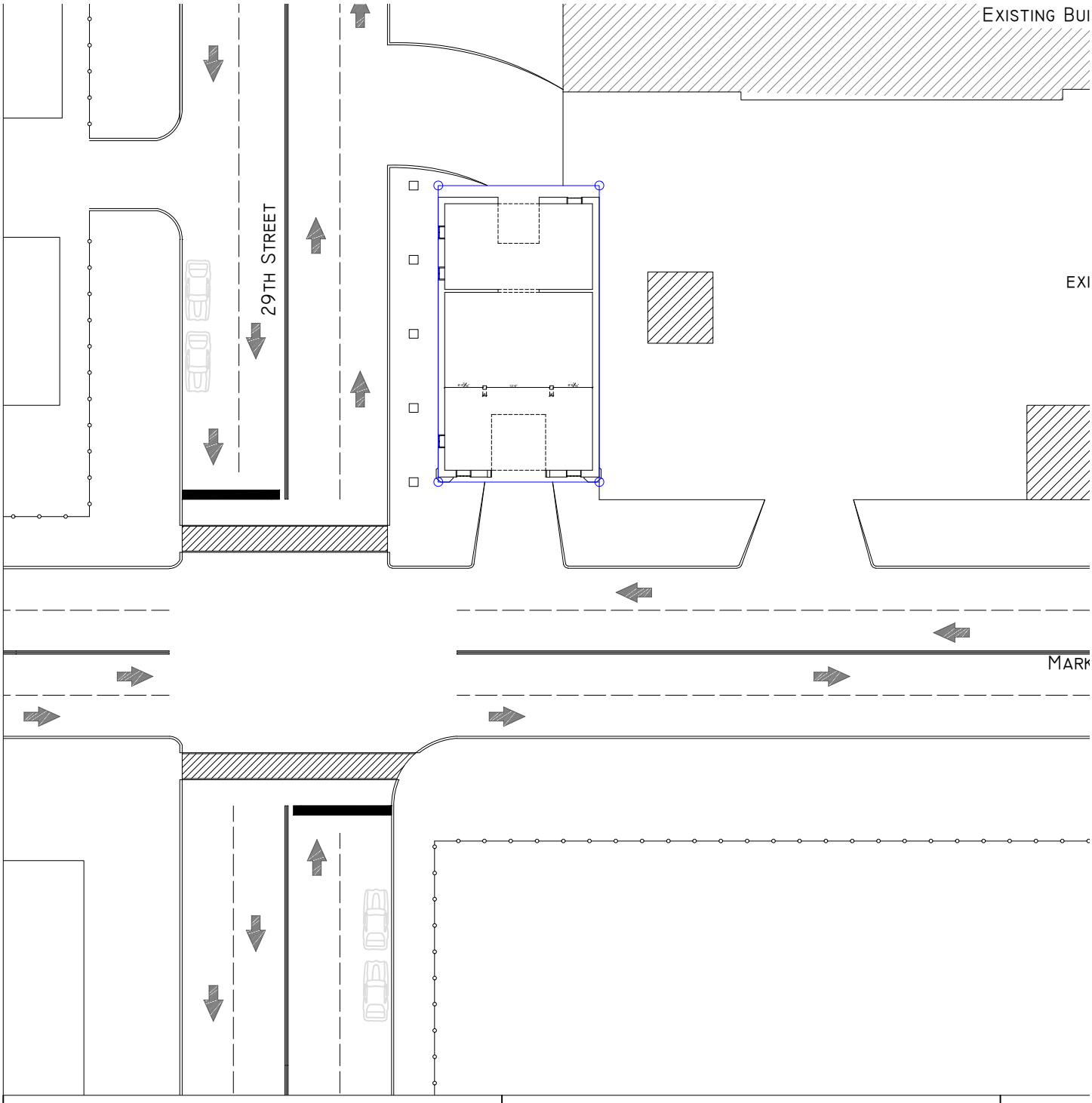
When tasked with this project, I was introduced to LEICA Geosystems where i learned about laser scanning. Using a ceritified laser machine, Professor Batson, Mr. Pankaj and Mr. Song scanned a historical firehouse that is in danger of being destroyed due to the advance decay of structural material. Paired up with Cyclone, we were able to use CAD to develop drawings accurate to 0.001mm. The purpose of the C.U.R.E.S. Center was to develop a fresh set of elevation and floor plan drawings for the Firehouse in case it got destroyed or was condemned due to its poor state.

Using LEICA, we were tasked to import several layers into the work space and overlay them to match up to less than a 0.005 mm difference. The scans had to be often moved in the x, y and z axis to line up as much as possible. Even though the task wasnt skill - consuming, it required tedious detailing and using the available work time as efficiently as possible.

Picture above: Current conditions of the Firehouse
Top right picture: Current conditions of ceiling
Bottom right picture: Current conditions of walls and front windows of Firehouse

.04

June 2017 - July 2017
AutoCAD drafting and detailing
Preservation Project under supervision of Professor William Batson



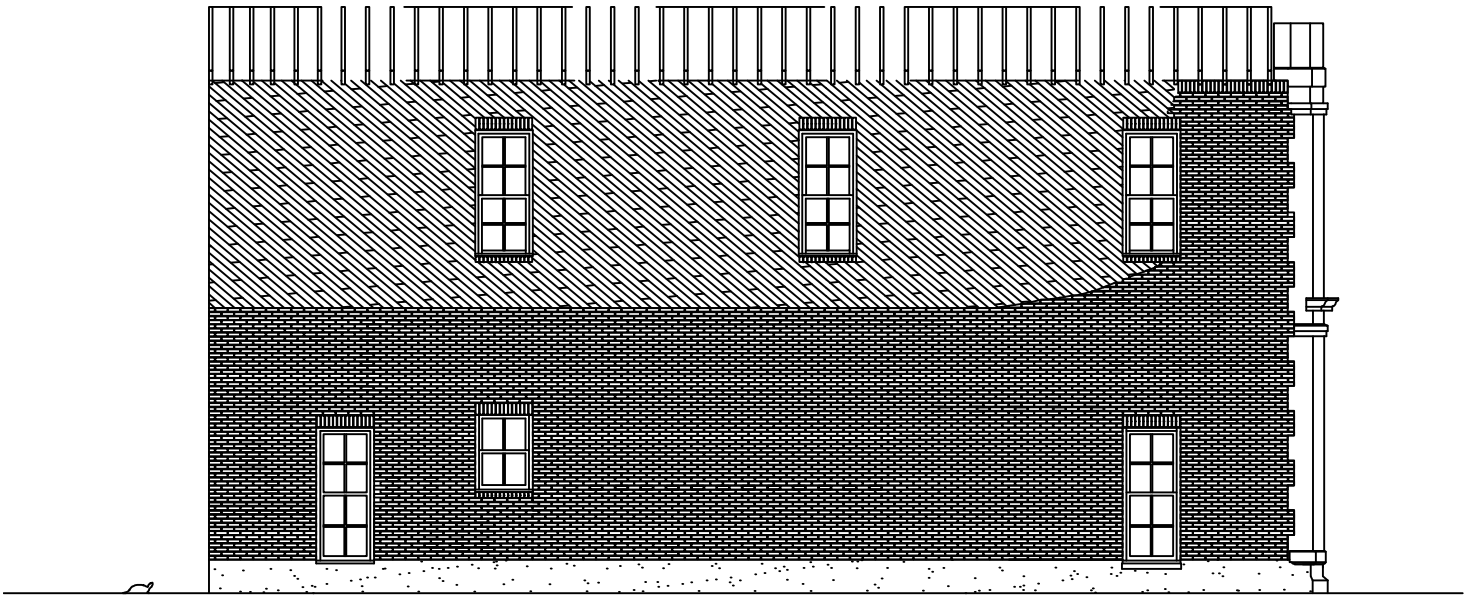
STAR STATE COMPANY NO.3 FIRE STATION	ADDRESS: 2828 MARKET ST, GALVESTON, TX 77550	VERSI(1.0

Preliminary Site Plan finalized with assistance of Hobed Villanueva

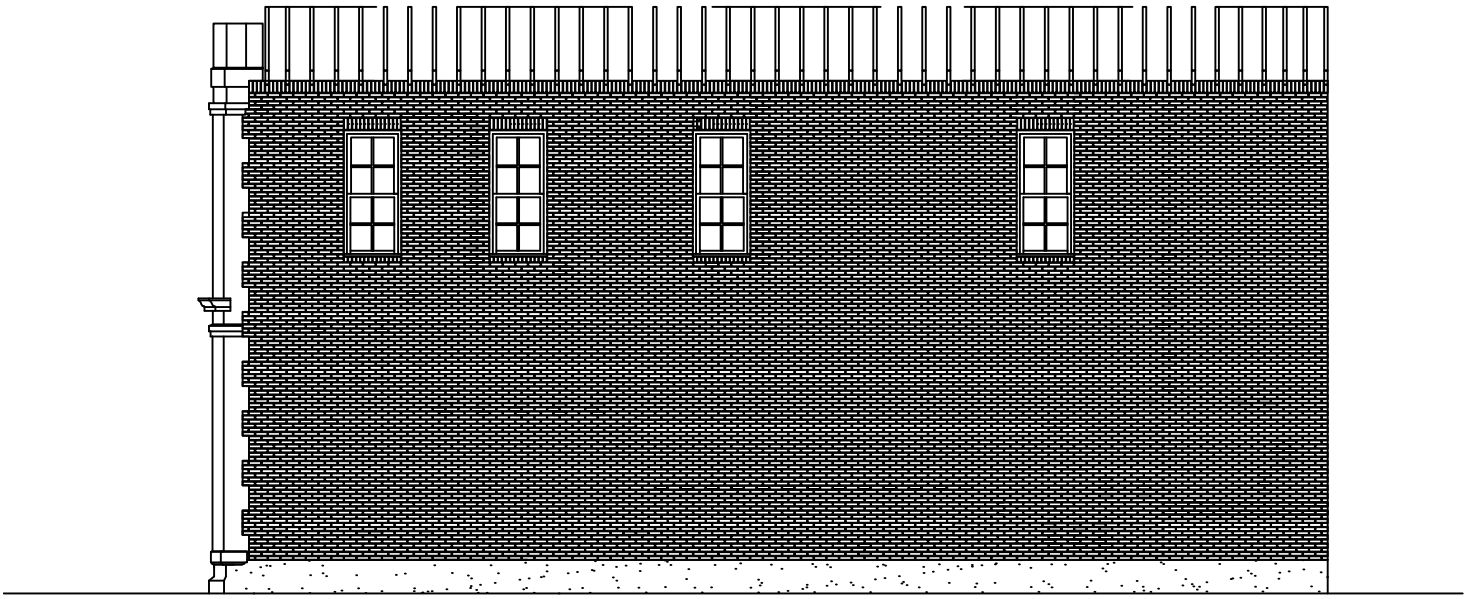
Scale: 1/32" = 1'-0'

C.U.R.E.S. Center / Prairie View University SOA
Galvestion Firehouse #3

Galveston, Texas

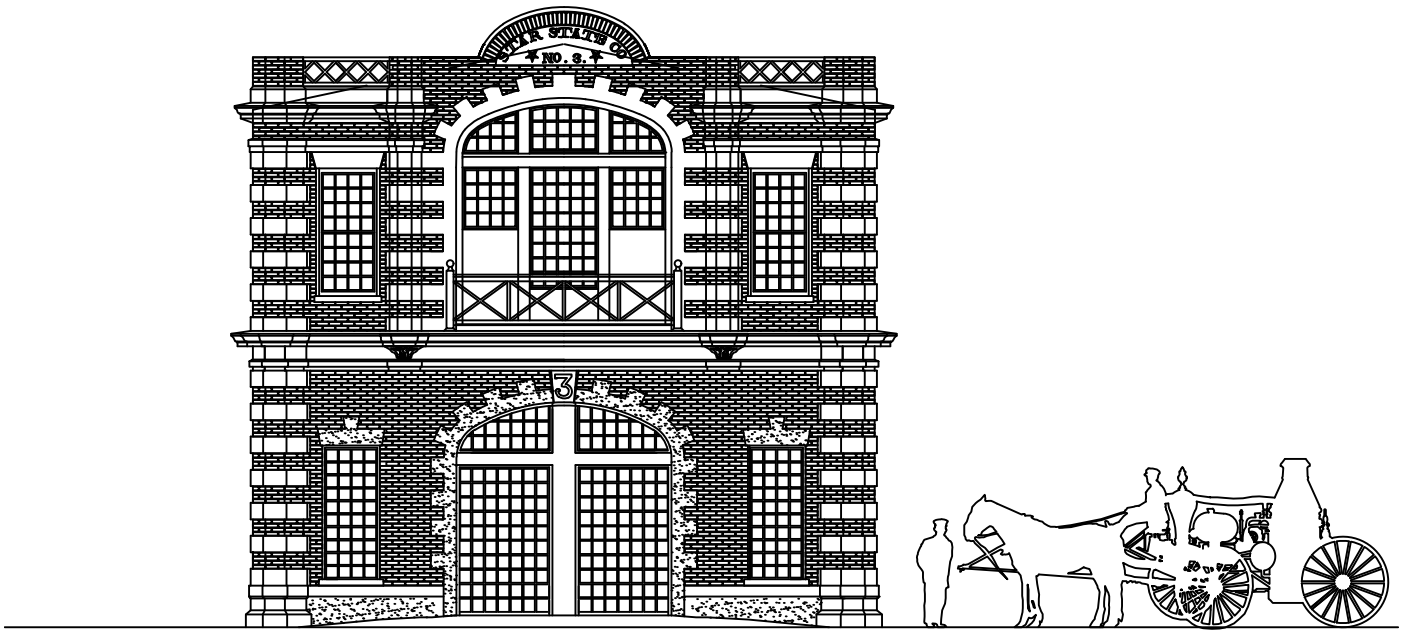


West Elevation



East Elevation

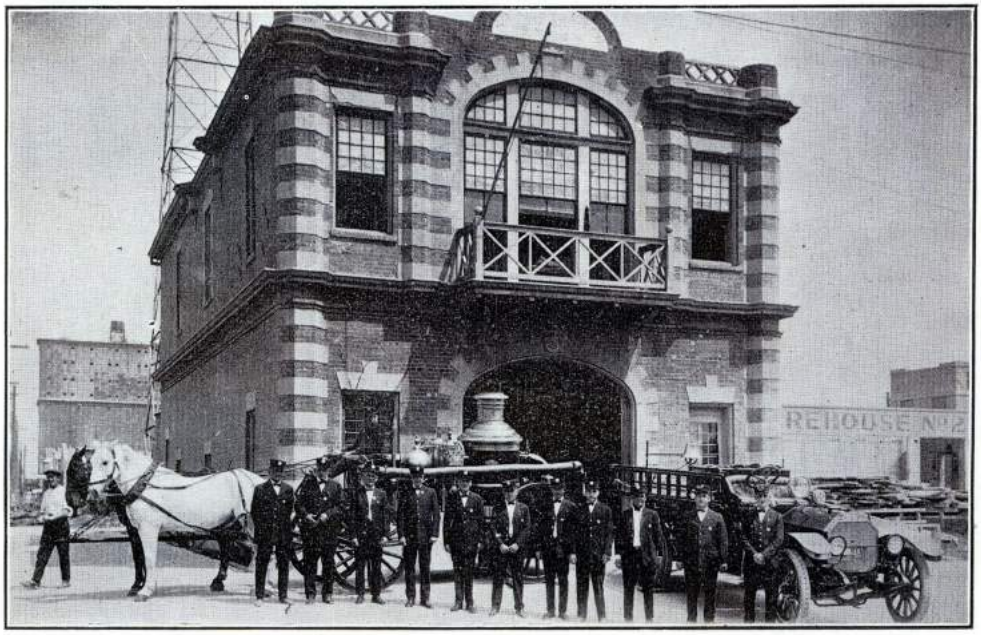
Elevations were drawn with collaboration by Professor William Batson



1903 FIRE STATION No. 3 Reconstruction
South Elevation

North Elevation

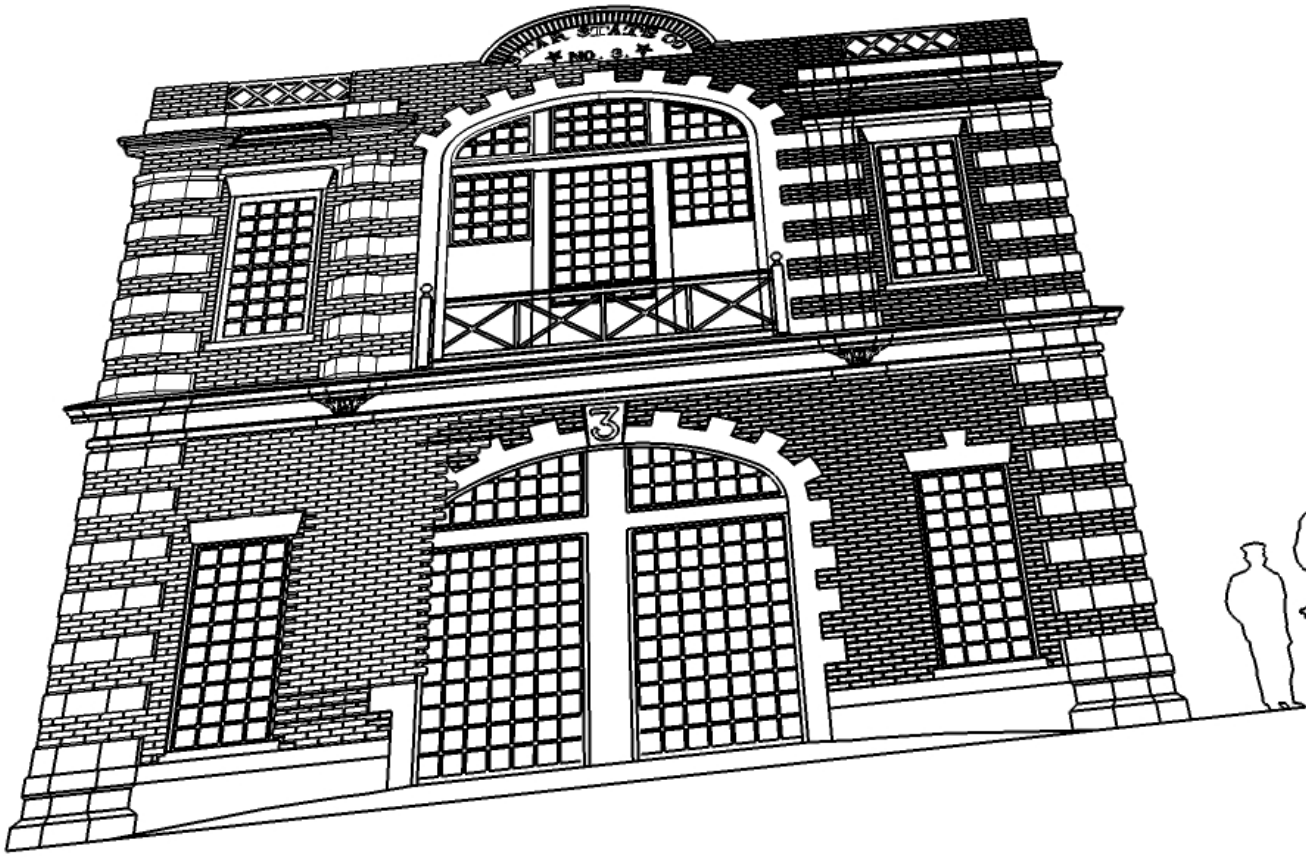
Scale: 3/32" = 1'-0"
Galveston, Texas



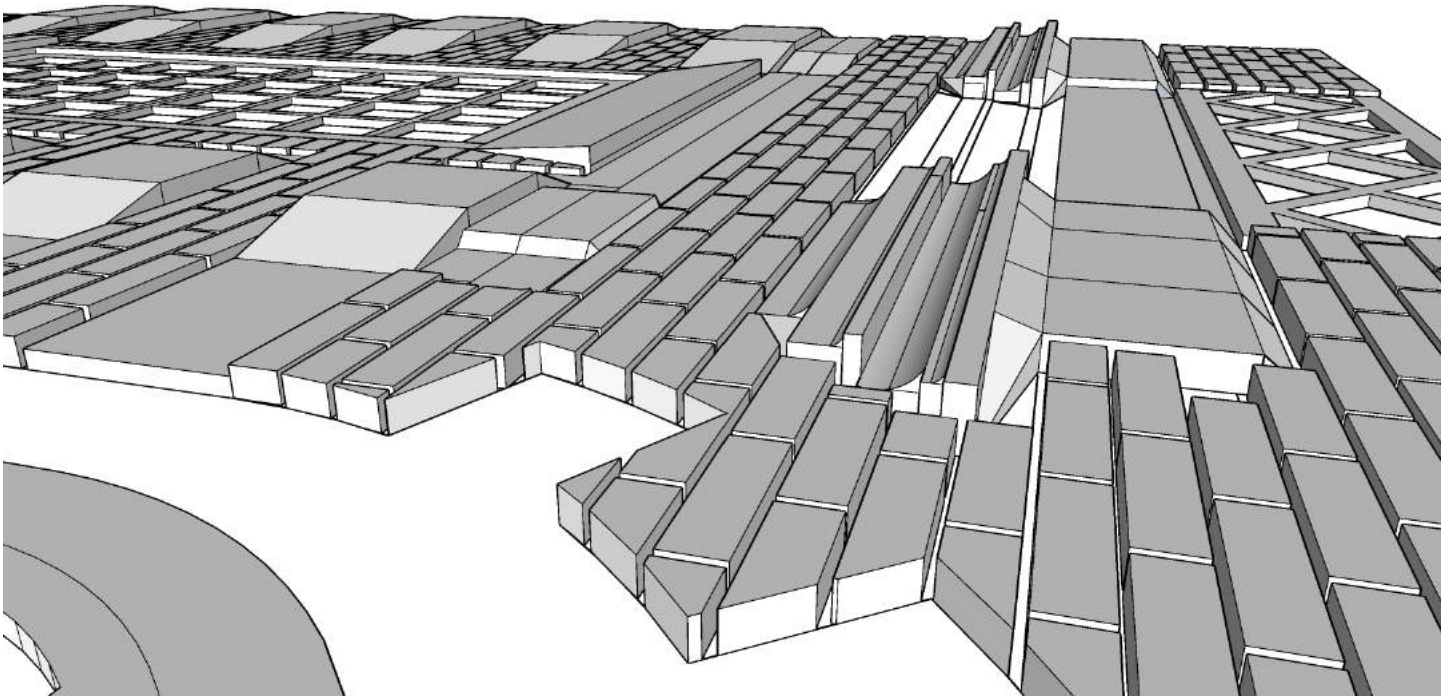
FIRE STATION NO 3—Left to right: W. P. Boss, H. Schirmer, A. Nelson, J. McNamara, J. Lynch, C. Hageman, E. Hanson, W. H. Short, G. Schmidt, R. Berg, Captain V. Depuglio, Captain Wm. Finch.

Picture above: Original facade detail when Firestation was first constructed

Pictured below: Preliminary "Front elevation" 3D modeling (SketchUp)

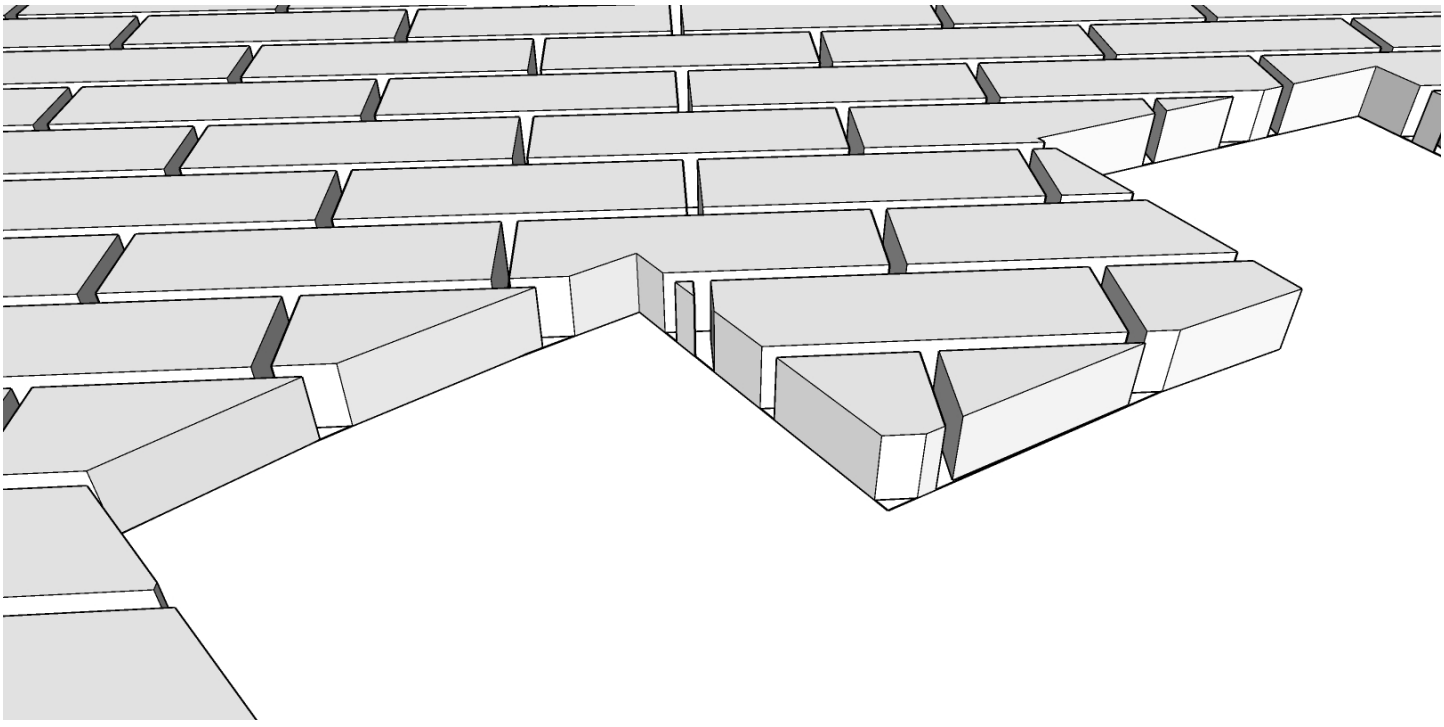


Preliminary 3D modeling done under supervision of Professor William Batson



Picture above: Detail of individual brink, plaster and details from facade

Pictured below: Up close detail of brick cuts

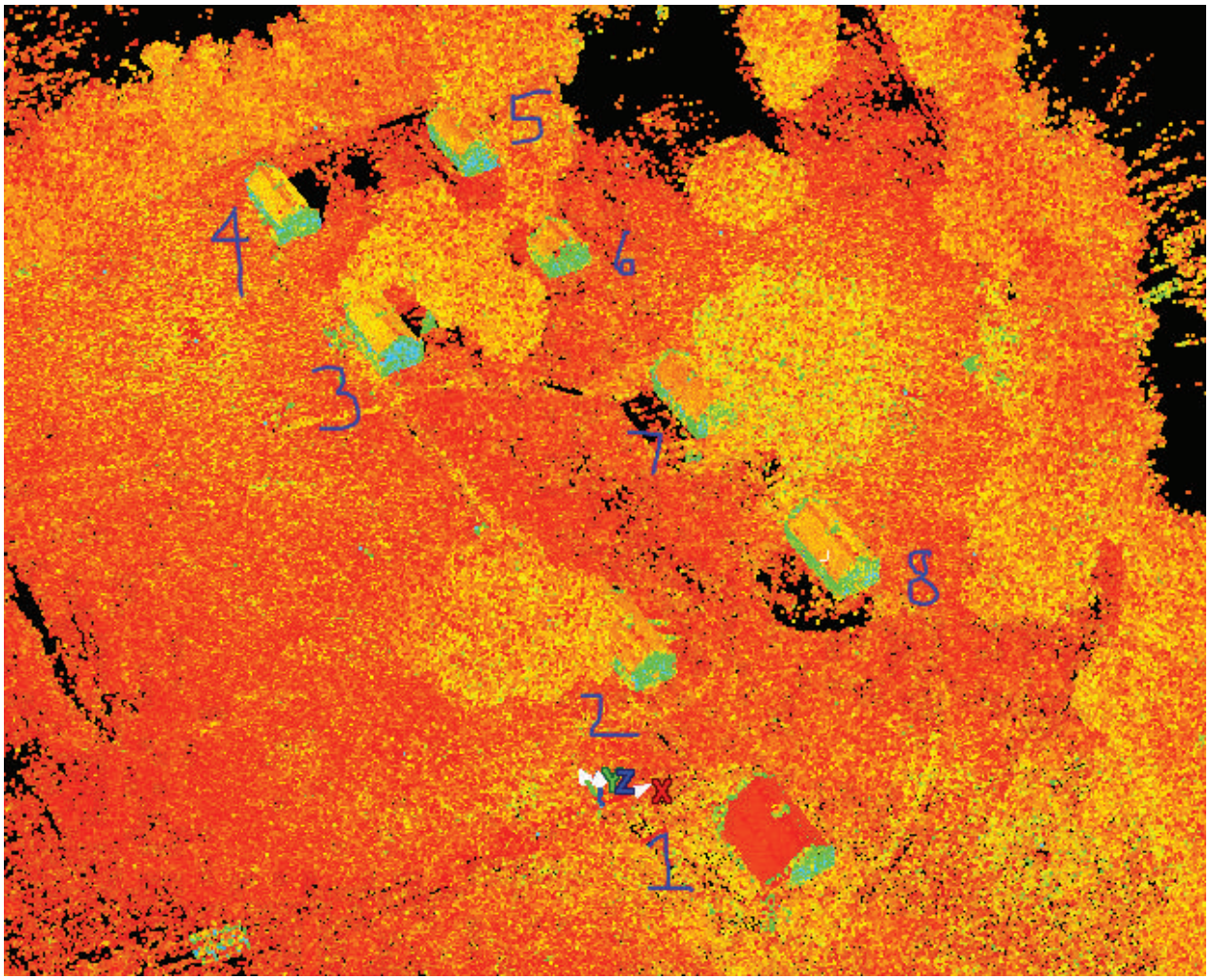


Slave/ Tenant Cabins

Similar to the previous project, we used LEICA Geosystems to create a lined - up model in the workspace to be able to recreate the existing conditions of the "Slave/ Tenant" cabins.

Located in Cane River Creole National Park in Natchitoches, Lousiana, the slave cabins represent a part of history of the Texas Freedom Colonies, also knows as Freedmen's Towns, from Shankleville, Texas. Shankleville was established by former salves in around 1866 - 1890. The importance of these cabins has increased due to the fact that most settlements have lost population and their landowners have lost property through "auctions, partition sales or outright theft". Therefore, the number of existing cabins has decreased due to them being destroyed or simply not taken care of. The project was time consuming because of the research that had to be done. We learned about Ms. Andrea Roberts, who is the founder of the Texas Freedom Colonies Project, and how her work is helping to set a platform for proper exposition of historical and cultural procects that are in danger of being lost to nature.

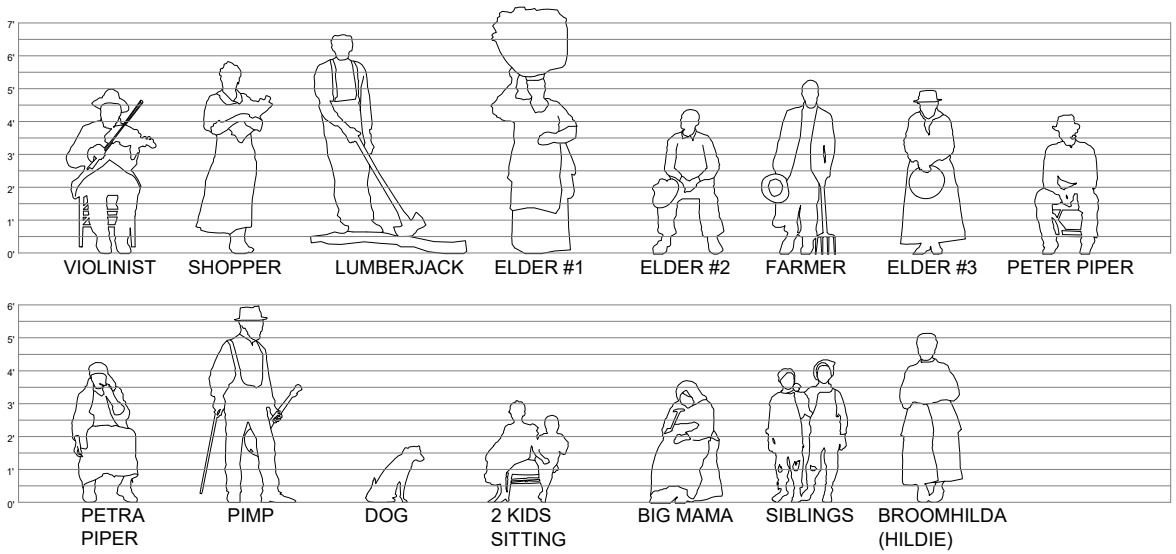
We were tasked with using Cyclone to develop the existing elevations in AutoCAD for 8 cabins. Afterwards, we were tasked to design posters to be able to present the updates of the project to Preservation committe of Freedmen's Towns.



Screenshot inside Cyclone workspace. Cabins were numbered and I was assigned to draw elevations for Cabin #4, #5 and #8.

.05

July 2017 - August 2017
AutoCAD drafting and detailing
Preservation Project under supervision of Professor William Batson



Custom AutoCAD blocks were developed to better represent the culture. Drawing NTS

Rendered Site Plan for Cane River Creole. Software utilized: AutoCAD, Illustrator and Photoshop. Drawing NTS

C.U.R.E.S. Center / Prairie View University SOA
The Slave/Tenant Cabins Natchitoches, Louisiana

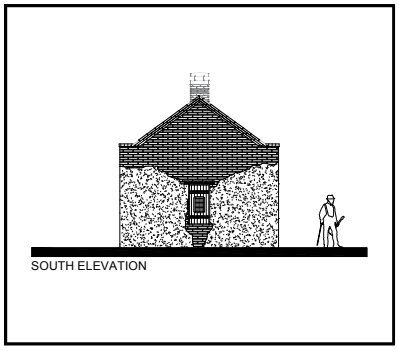
The Slave/ Tenant Cabin No. 4

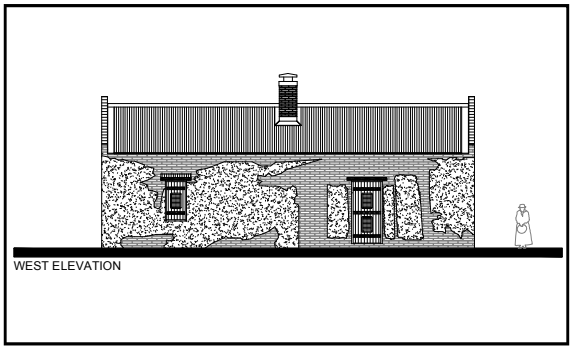
Cane River Creole National Park, Natchitoches, Louisiana.

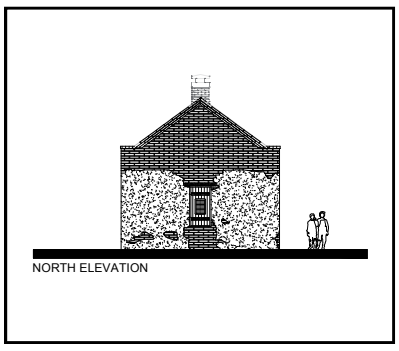
Perspective

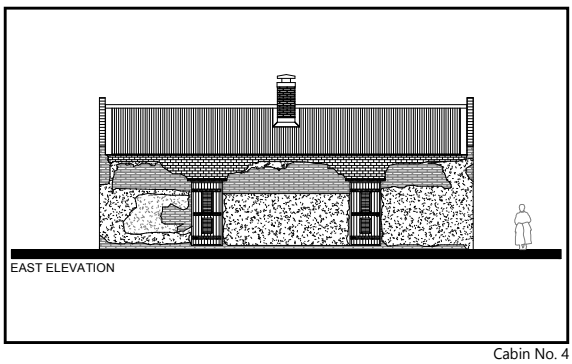
Rendered Site Plan

Site Pictures









Cabin No. 4

L.W. Minor Street, P.O Box 519, M.S. 2100, Tel: 936-261-9837. Contact William Batson, Director of C.U.R.E.S. Center.Email- wjbatson@pvamu.edu

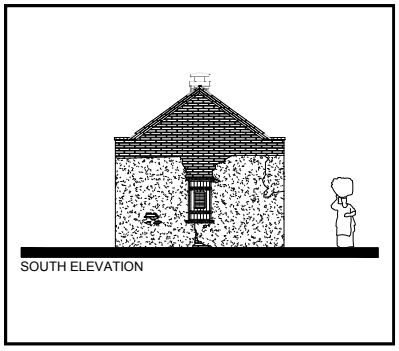
The Slave/ Tenant Cabin No. 5

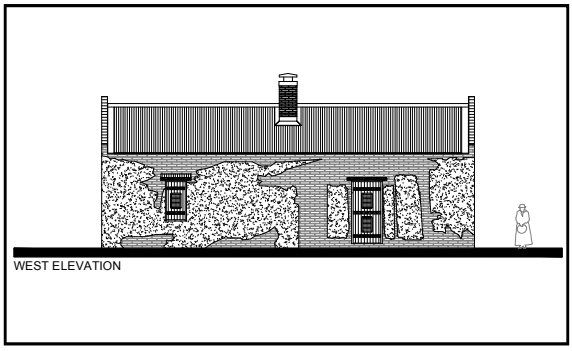
Cane River Creole National Park, Natchitoches, Louisiana.

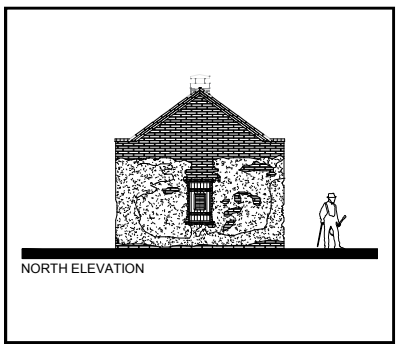
Perspective

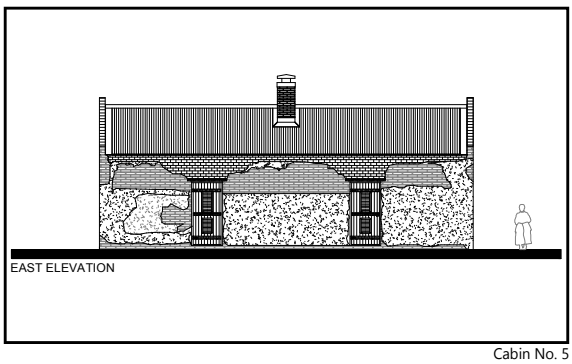
Rendered Site Plan

Site Pictures









Cabin No. 5

L.W. Minor Street, P.O Box 519, M.S. 2100, Tel: 936-261-9837. Contact William Batson, Director of C.U.R.E.S. Center.Email- wjbatson@pvamu.edu

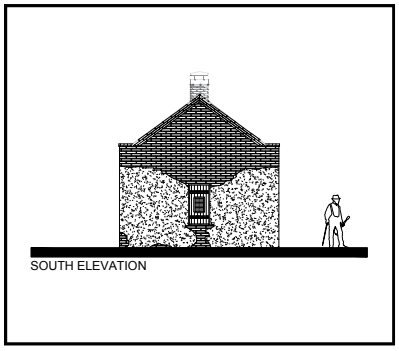
The Slave/ Tenant Cabin No. 8

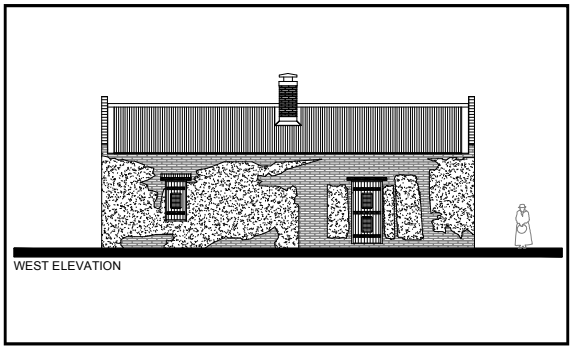
Cane River Creole National Park, Natchitoches, Louisiana.

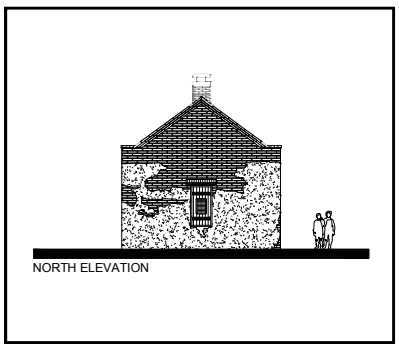
Perspective

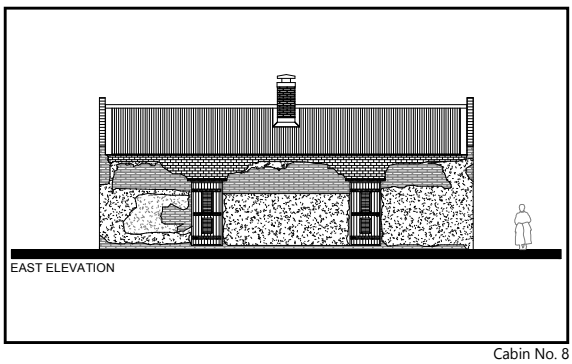
Rendered Site Plan

Site Pictures

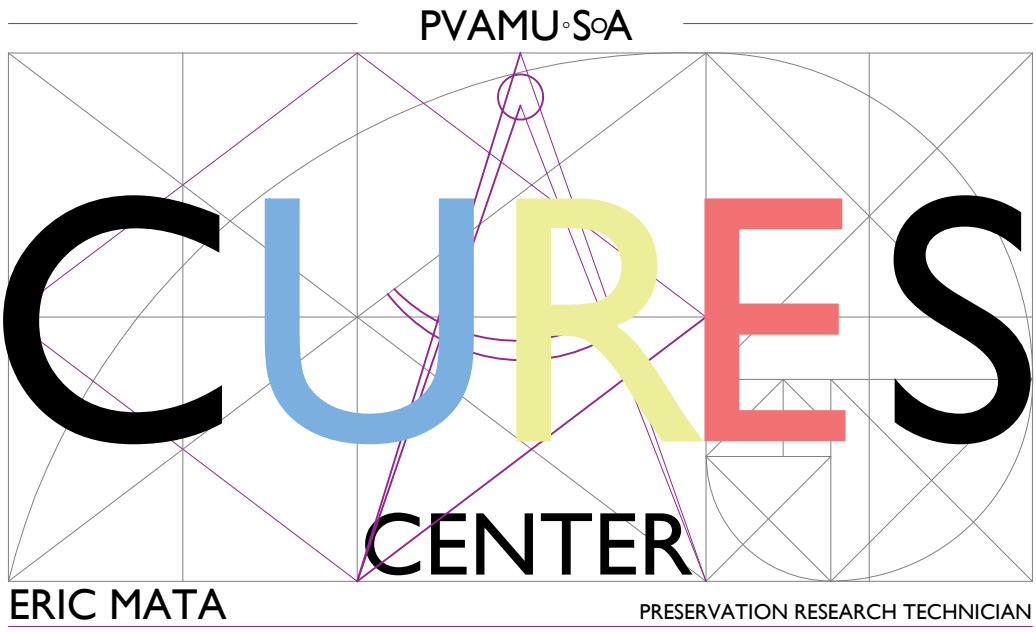








Cabin No. 8



C.U.R.E.S. Logo we drafted for presentation and final document stamping.

Saint George Island

My very first project with Falon Land Studio, I was tasked to develop a masterplan for Saint George Island in Florida. THe masterplan consisted of developing a number of new spaces for the private community. This included a leisure lane and a private air strip nearby. The theme for the design was to avoid disturbing the criticalhabitat down and keep impressions to the minimum. Since vegetation was very sensitive on the site, another task was to avoid cutting any large trees because it could end up in collapsing that area environment. The client described their wants as "beachside amenities, parking pavilions, marsh area amenities (kayak launch and/or fishing pier), amenity for disturbed areas.

The drawings that I was taked to do were -

1. Viewing deck & boardwalk / kayak launch (fishing dock, covered seating)
    1.1 - Give a view of a small sliver of a building in the render perspective (option to be done with photo montage)
2. Post trees along the road to five the building "a hidden look/ feel"
3. All permeable paving (like black star)
4. Section of existing conditions
5. Covered seating should border the water as much as possible

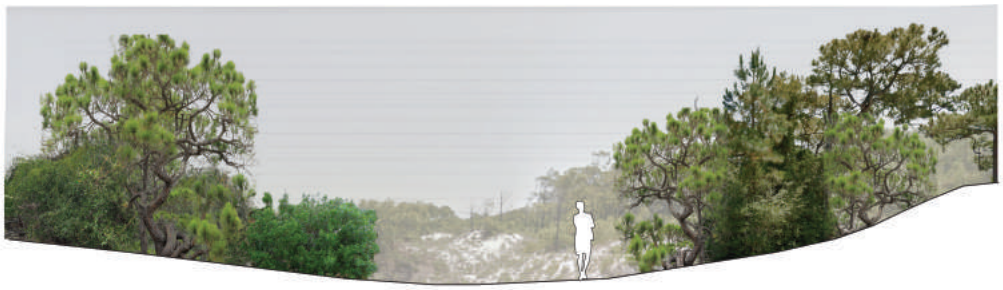
Uncovered for areas used for fishing (develop shading artistic ideas) from plan.

- Send a plan view of the shade

1. Plan view
2. Quick exports from different angles
3. Wide angled perspectives (dispalying the deck)

.06

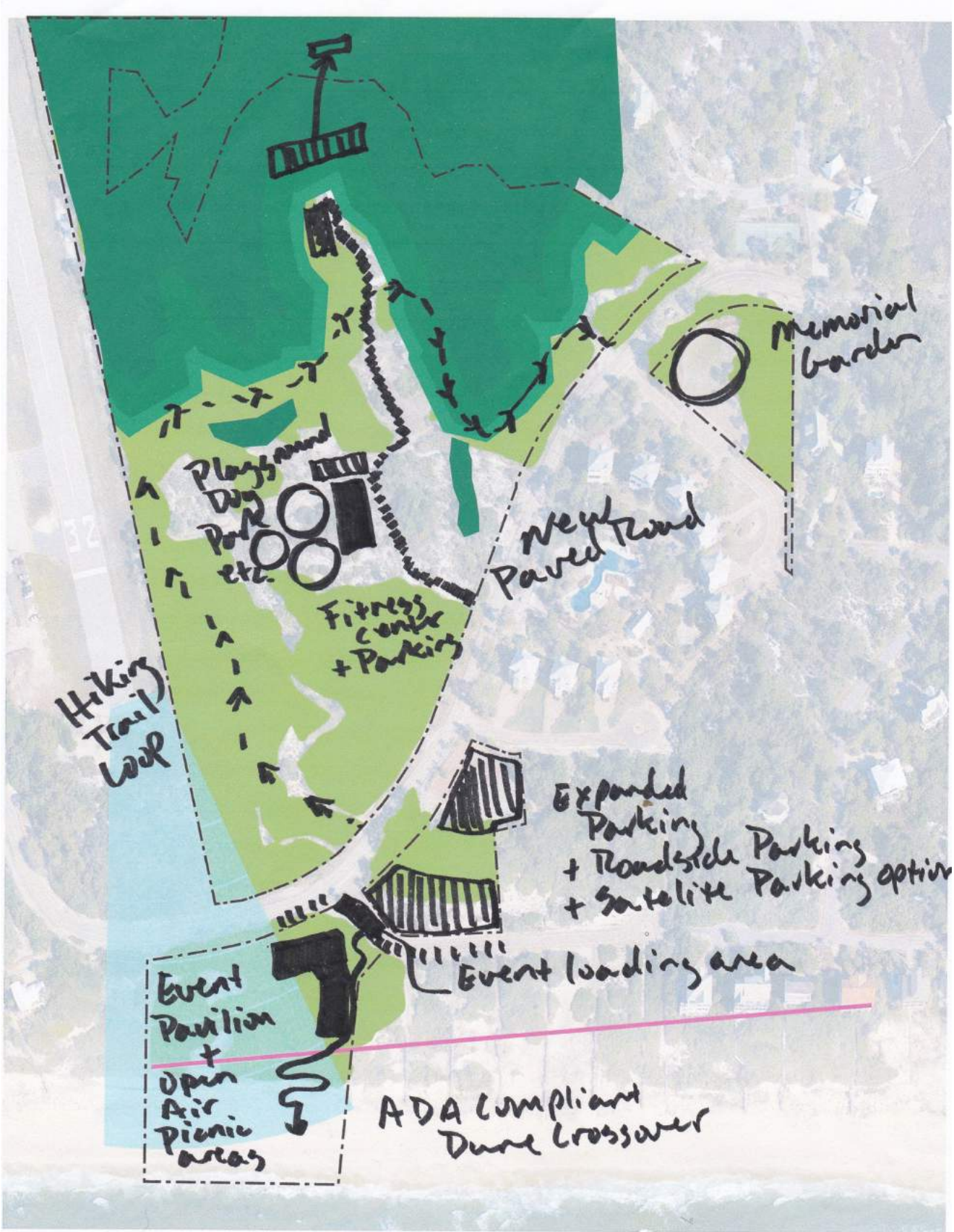
October 2017 - Ongoing
Masterplan, 3D modeling and rendering
Landscape Architecture under supervision of Milac Falon (Falon Land Studio)



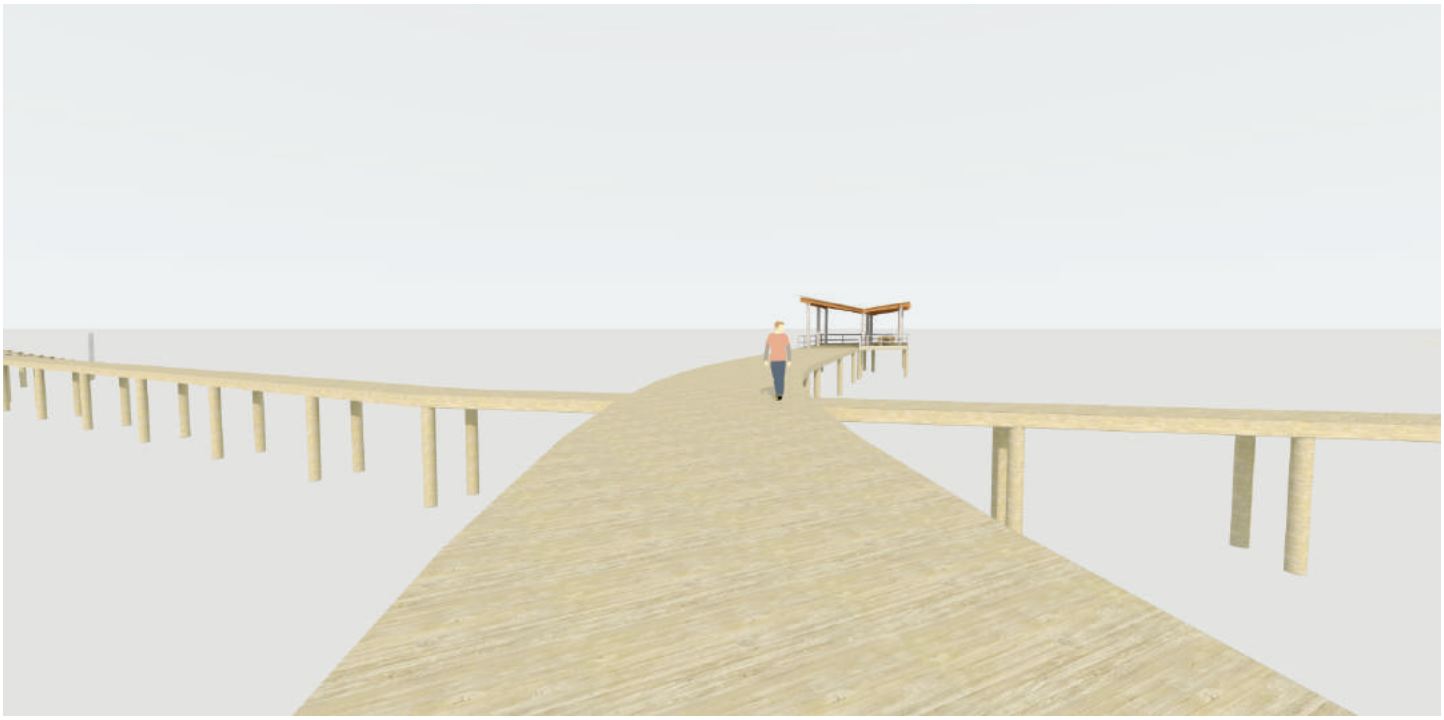
Falon Land Studio
Saint George Island

Option 1: Low Impact

Falon Land Studio
Saint George Island



Option 3: High Impact



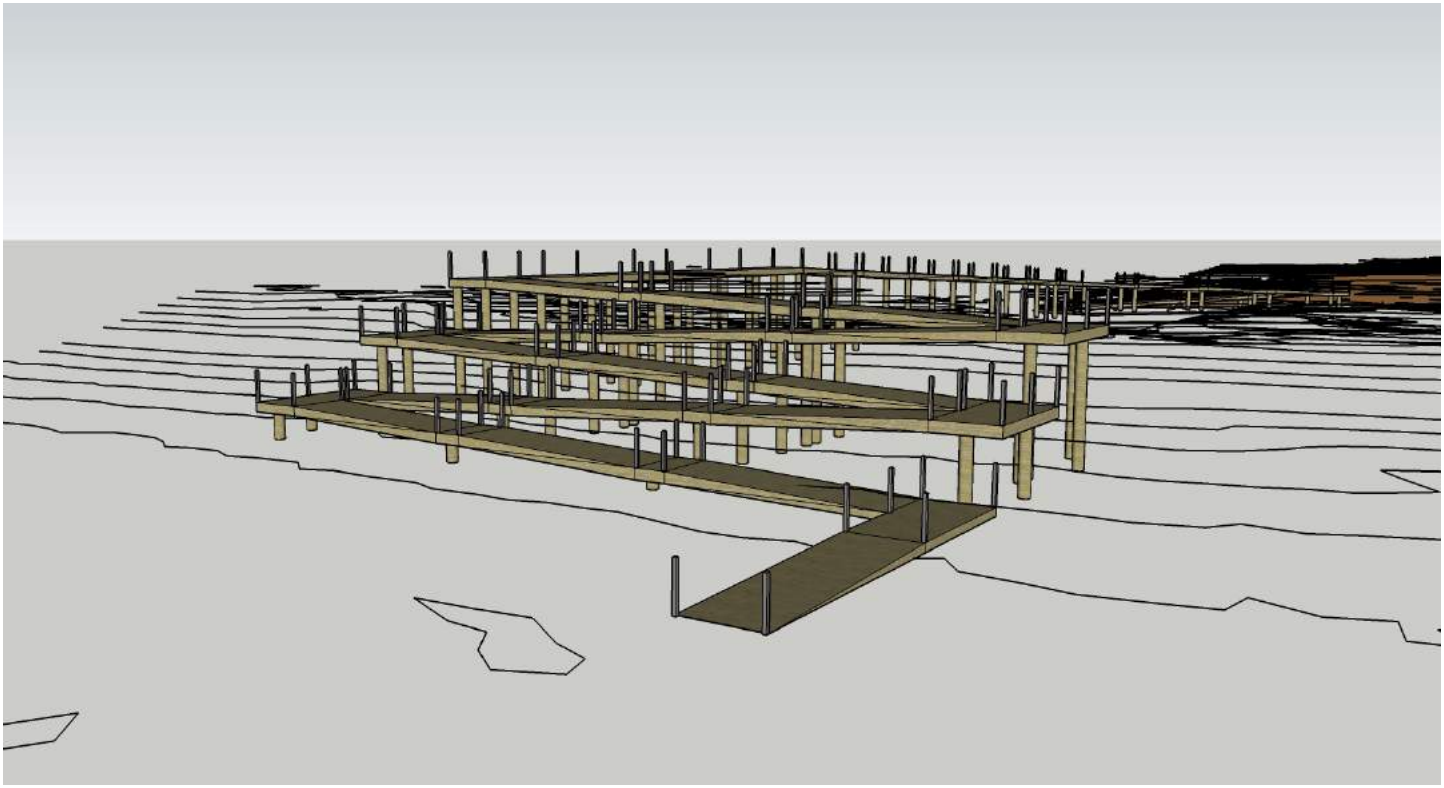
Raw Covered Seating Render

Post- processed Covered Seating Render
Software used: AutoCAD, SketchUp, Podium V2, Photoshop

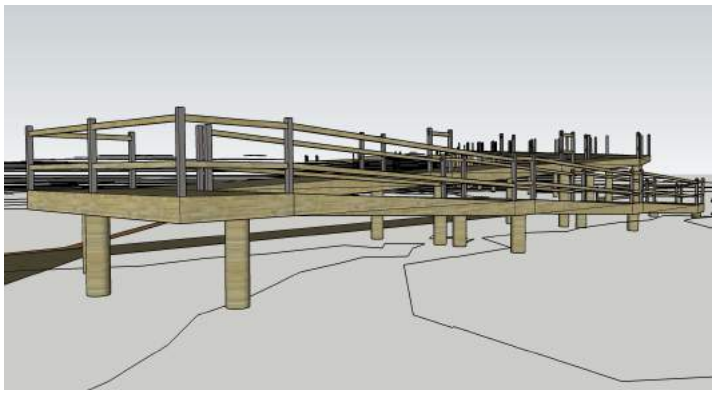
Falon Land Studio
Saint George Island

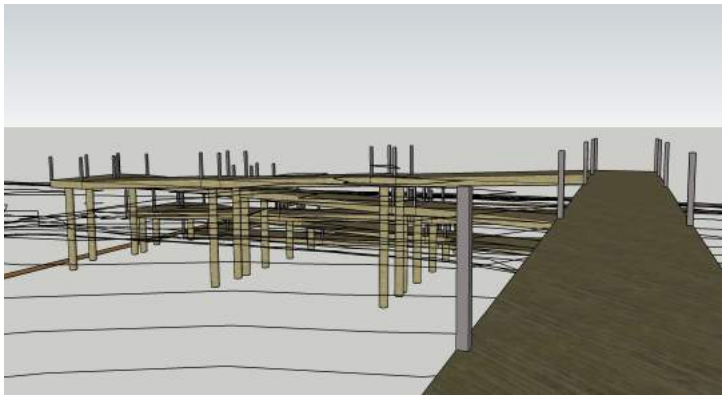
Raw Kayak Launch/ Fishing Pier Render

Post- processed Kayak Launch / Fishing Pier Render
Software used: AutoCAD, SketchUp, Podium V2, Photoshop



Preliminary ADA Boardwalk design (ongoing design project)





Falon Land Studio
Saint George Island