

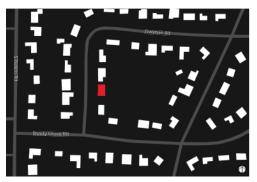
INTRODUCTION

The following is a presentation of second-year architecture and interior design student projects from the Design 2 Studio. The projects were developed over seven weeks during the spring 2013 semester.

For this project, the eighteen students were asked to develop the design of a residence for the 21st century. To do this, students had to define 21st Century design and what it entails. Based on client input, students developed the program for the approximately 1500 square foot residence.

Professor Michael Hagge and Professor Jennifer Barker

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Site Context Map NTS

21 CD projects

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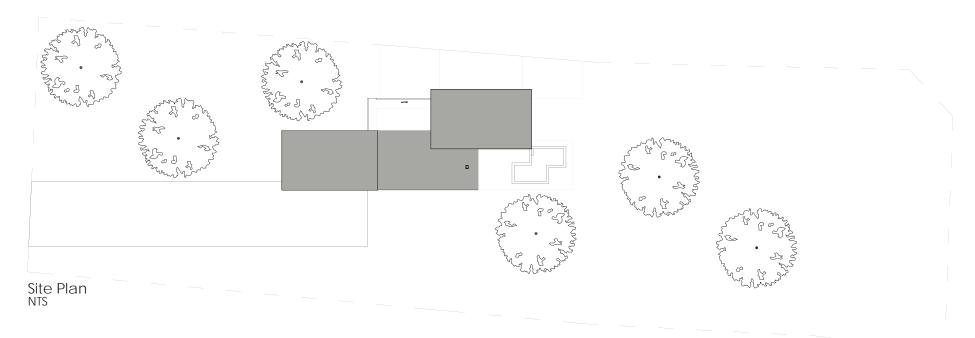




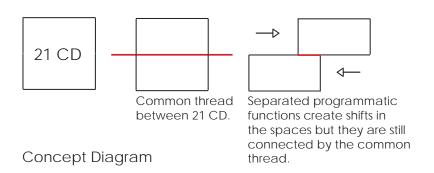
View of Living Area



The 21st century is defined by prosperity, beauty, and restoration of the world. 21st century design was interpreted from this as healthy design decisions, form follows function, and sustainability.













Views of Dining and Kitchen



View From Living Area Towards Garden



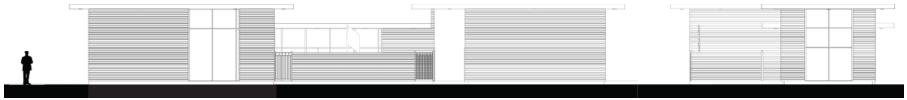
View from Primary Sleeping Towards Rear Yard



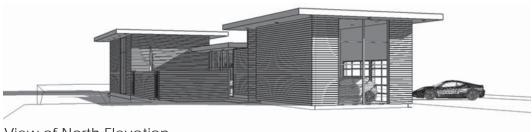
Living Area at Night



View Into Living, Dining, and Kitchen Space



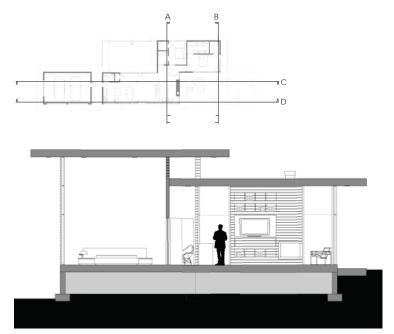
North Elevation NTS West Elevation NTS



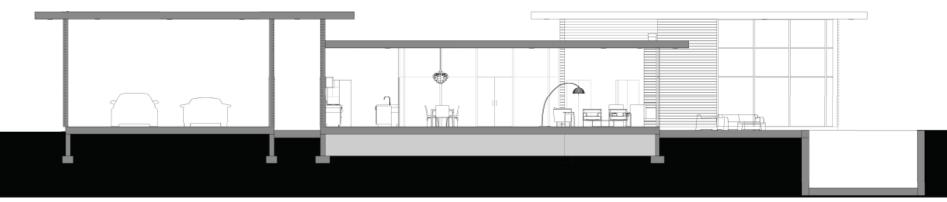
View of North Elevation

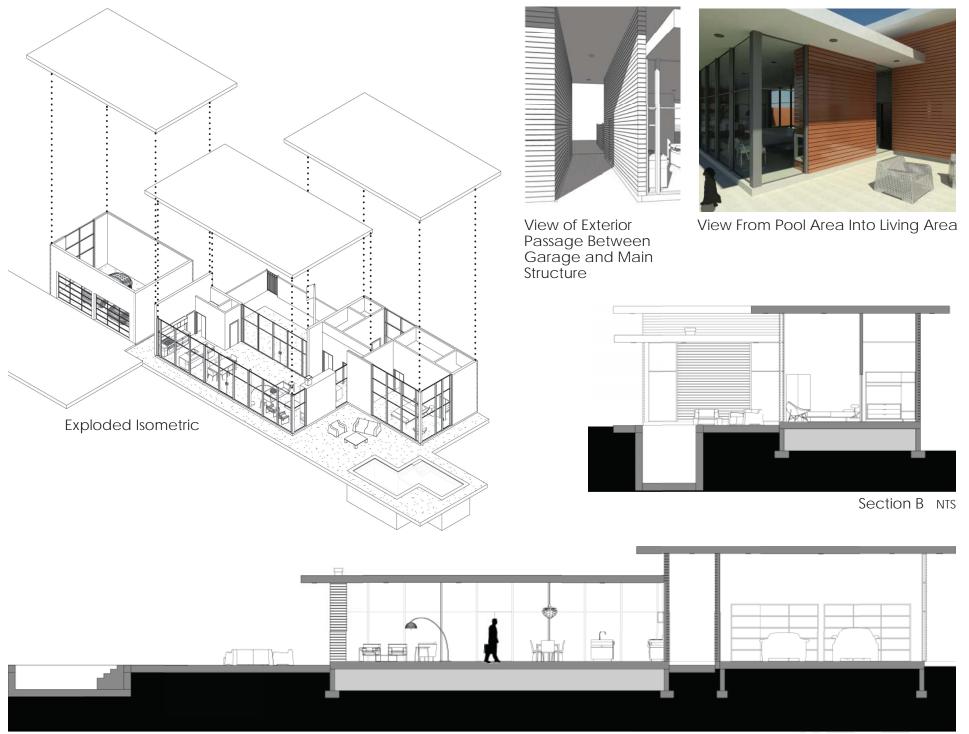


View of Pool Towards Primary Sleeping Area



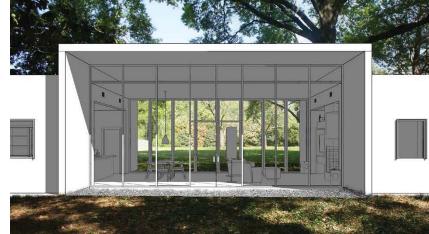
Section A NTS





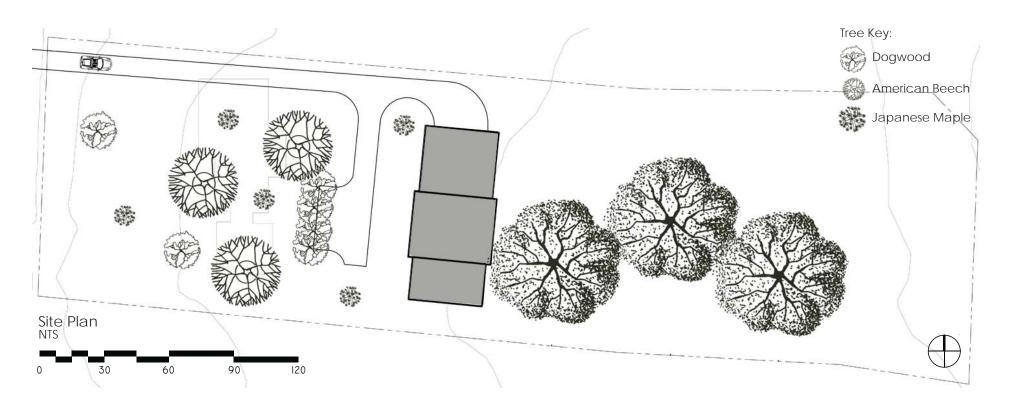


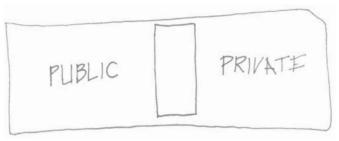
View Through Entertaining Space to Rear Yard



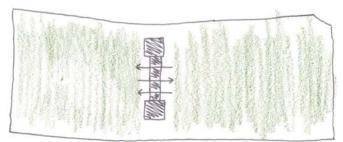
proposal by James Bowles

In 21st century design the built environment is a filter of nature, not a barrier from it. As such, the design is considerate of context, environmentally conscious, efficiently priced, functionally focused, minimally ornamented, and informed and supported by nature.

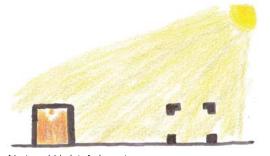




Spatial Organizing



Pass-Through View



Natural Light Advantage

Concept Diagrams



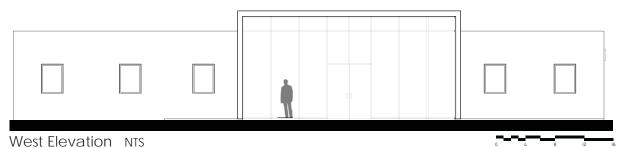
Plan Key:

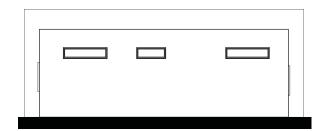
- 1 Garage
- 2 Transitional Space
- 3 Food Preparation
- 4 Laundry
- 5 Entertaining Space
- 6 Secondary Sleeping
- 7 Secondary Bathroom
- 8 Primary Sleeping
- 9 Primary Bathroom
- 10 Mechanical Room

1582 Square Feet



Entertaining Space Looking North





South Elevation NTS



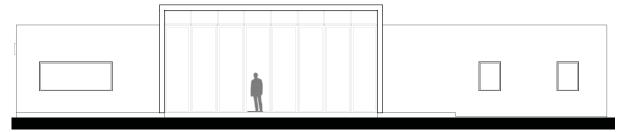
Driveway Approach From West

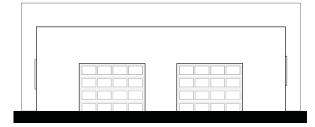


Entertaining Space Looking South

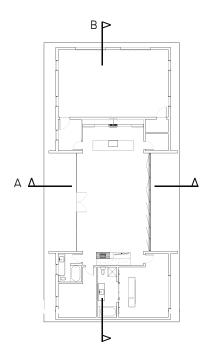


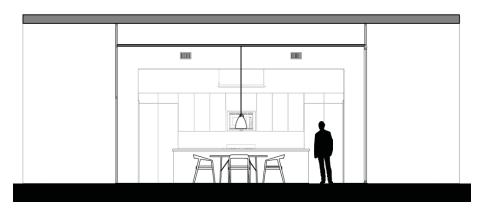
Clerestory Windows at South Wall



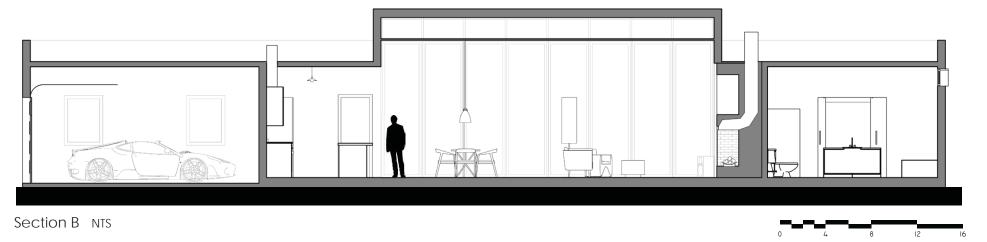


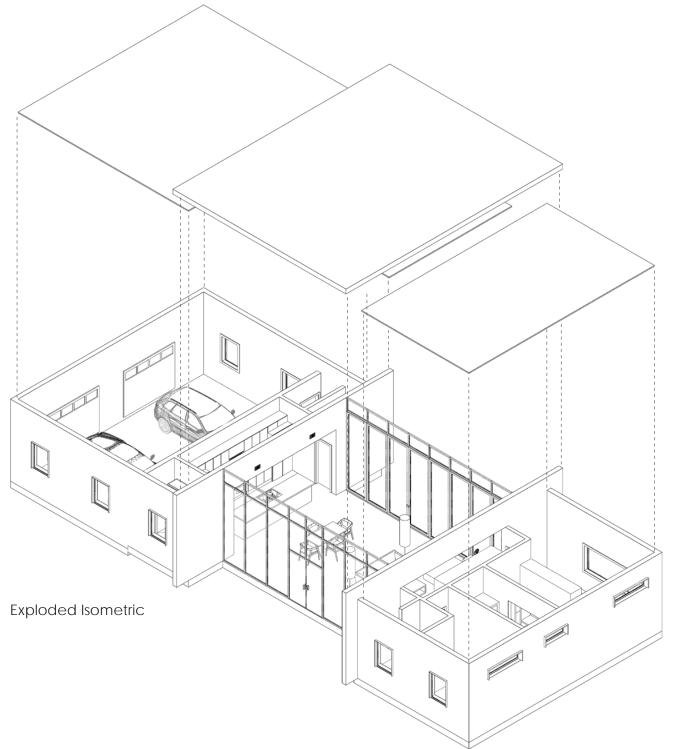
East Elevation NTS





Section A NTS







Custom Closet/Headboard

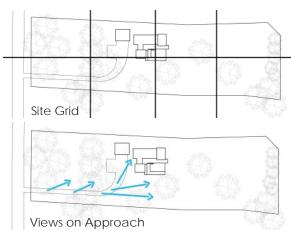


Bathroom Mirror On Axis With Closet

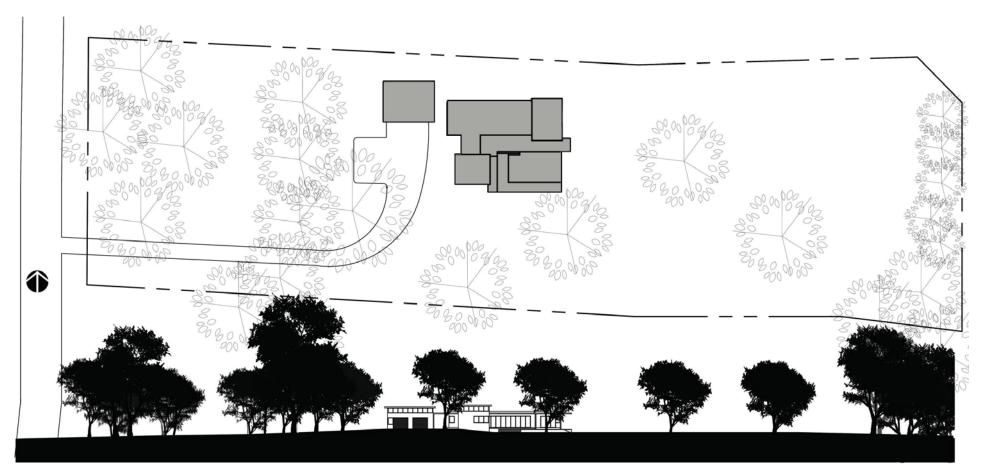


proposal by Tannyr Davis

Front Car Park and Garage

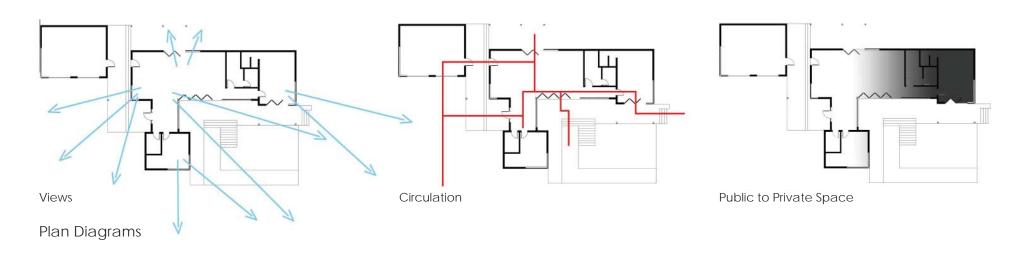


Site Diagrams



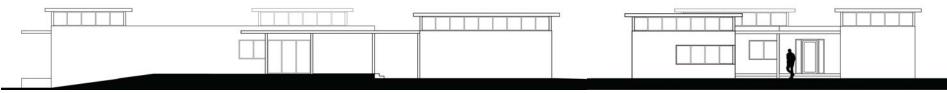
Site Plan and Site Section NTS

The initial concept for the design was driven by the idea of traveling and all that it entails. When one visits a new place for vacation there are periods of travel in which a destination is sought. During that travel Explore Explore Explore time there are experiences of exploration. Then when one gets to the destination in-depth exploration takes place where the majority of an Basic Form experience is absorbed and enjoyed. That is what this design tries to achieve by emulating travel and explorative aspects. 3 **Concept Diagrams** Plan Key: 1. Garage 2. Kitchen 3. Meditative Garden 10 4. Dining/Living 5. Laundry 6. Utility Closet 7. Master Bath 8. Master Walk-In 9. Master Bedroom 14 10. Outside Lounge 11. Guest Bath 12. Guest Walk-In 13. Guest Bedroom 14. Pool ĹΤ̈́ Floor Plan 1/16'' = 1'-0''





View of Pool and Deck

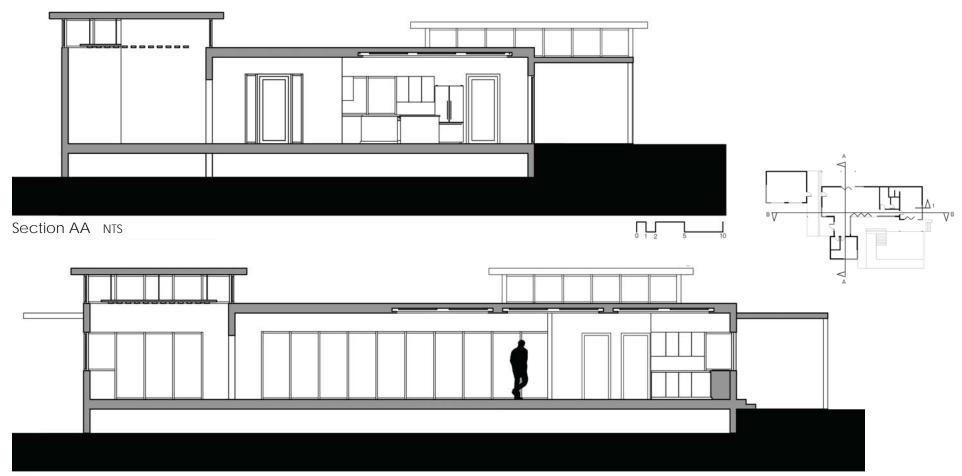


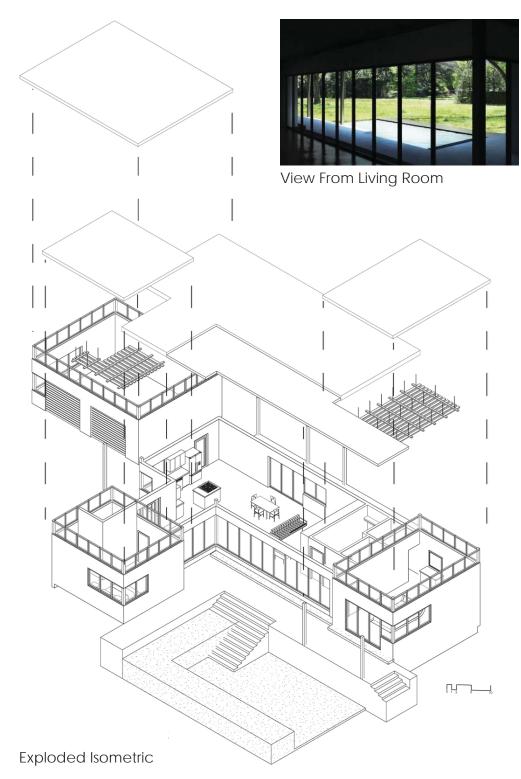
North Elevation NTS West Elevation NTS

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Living Room Kitchen Meditative Garden







House to Pool Gateway



Master Bedroom

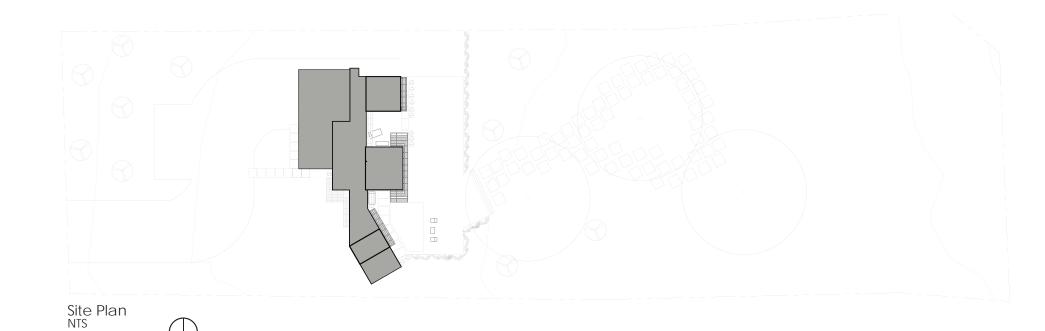


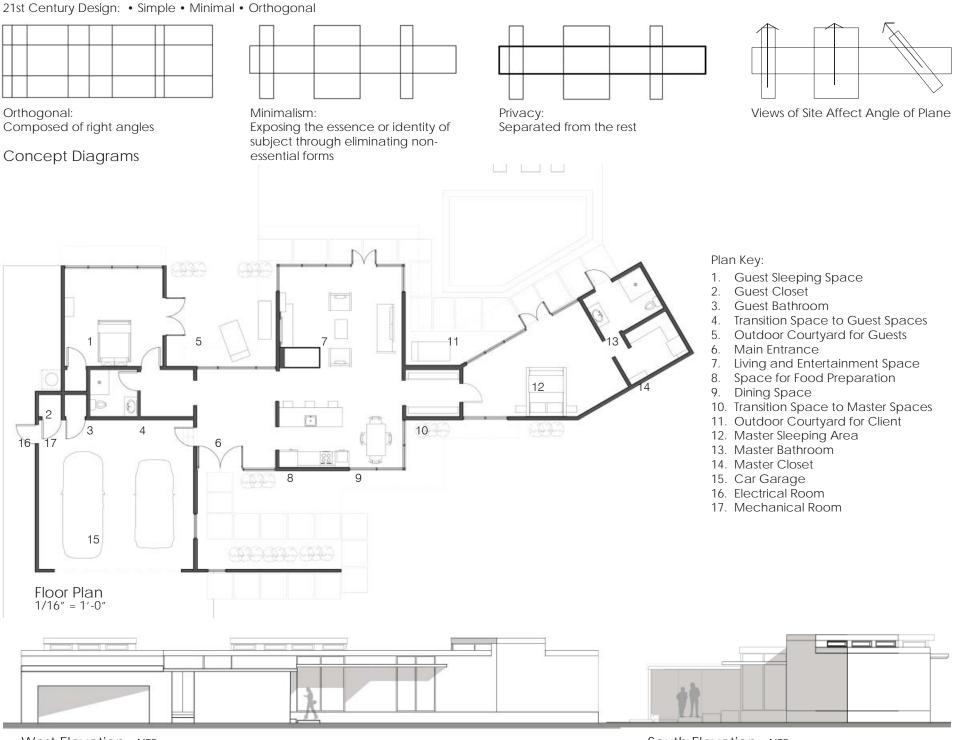
proposal by Ashley Espinoza

21st Century Design:

A space designed to meet specific requirements while still providing functional purposes that allow for the client to feel comfortable.

View of West Facade



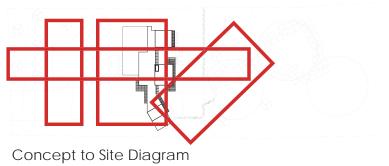


West Elevation NTS

20

South Elevation NTS





View of East Facade



Outdoor Courtyard at Master Bedroom

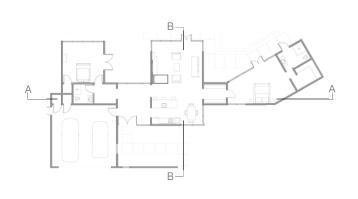


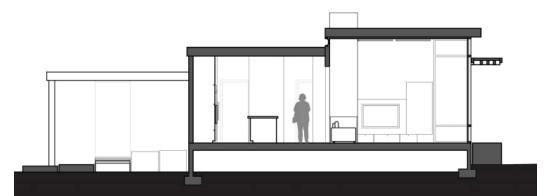
Living and Entertainment Space



East Elevation NTS

North Elevation NTS

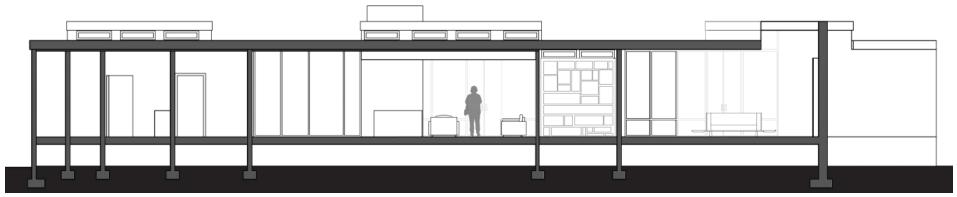


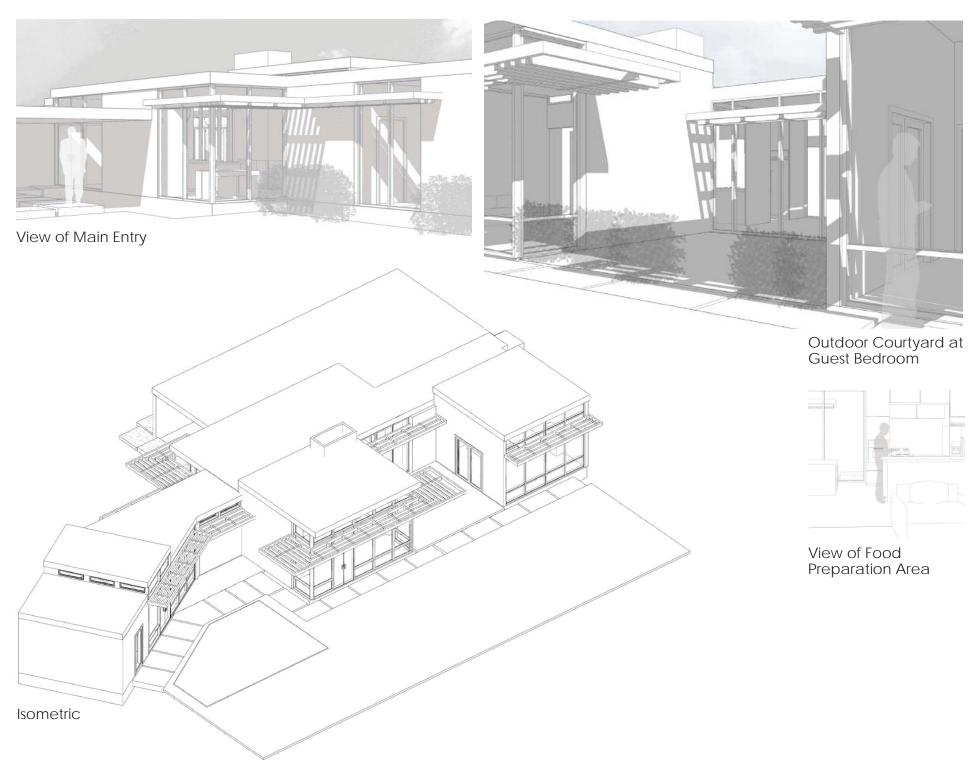


Section BB NTS



View of Dining Space



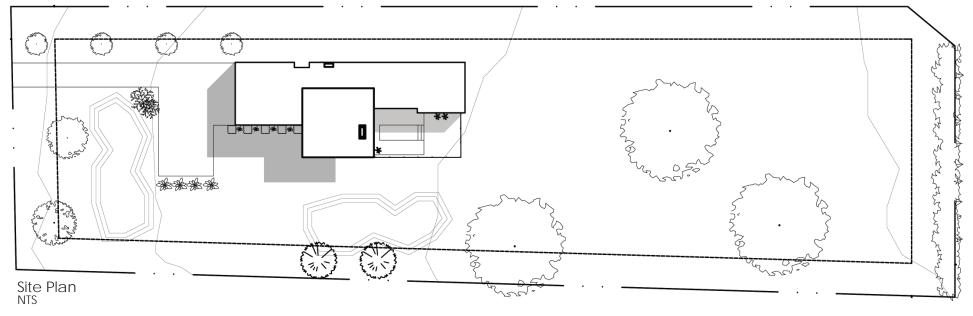


proposal by Zach Gaines

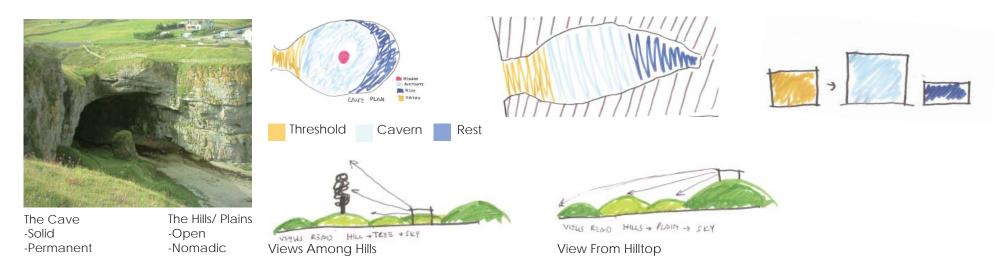
21st Century Architecture is stripping away outdated inappropriate architectural values and going back to simply addressing human needs. In order to do this, one must provide shelter and comfort that is responsive to the climate as well as a shield to the elements. This process will apply the principles of critical regionalism and make use of local natural resources.



View of Entry







Concept Inspiration, Diagrams, and Sketches





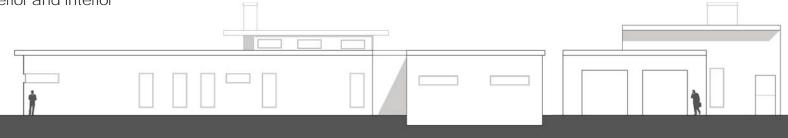
View of South Facade





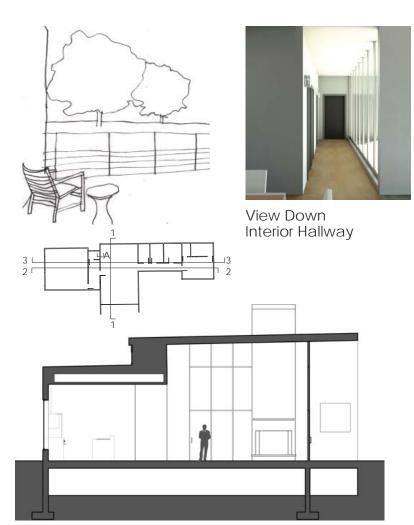


View of Patio from Exterior and Interior



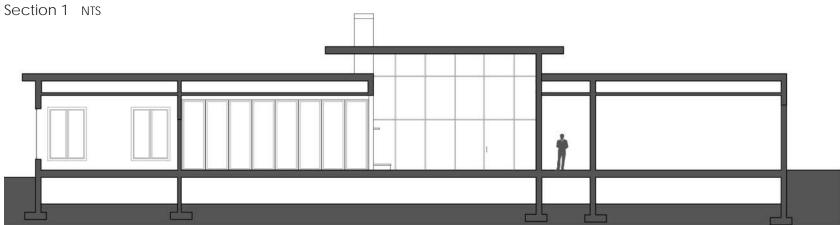
North Elevation NTS

West Elevation NTS





View from Living Space to Rear Yard

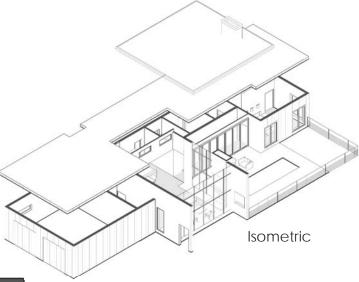




View from Kitchen into Living Space



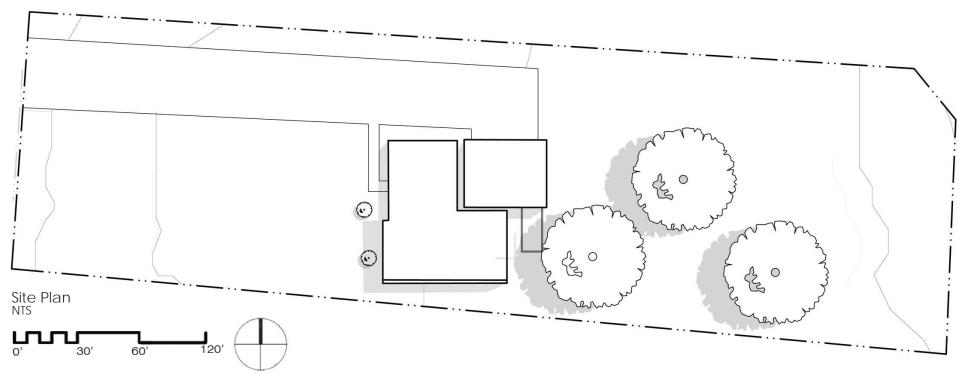
View of Kitchen



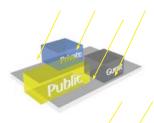


proposal by Dale Harris

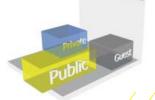
View of Arrival



Using natural light as Louis Kahn has described - the "giver of presence" and the "source of all being" - to breathe life into a 21st century design.

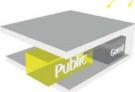


The concept started by defining the programmatic areas and analyzing how much natural light they each needed.



Folding the plane in the Y direction diffused some of the direct sunlight.

Folding the plane again allows for only desired areas to receive natural

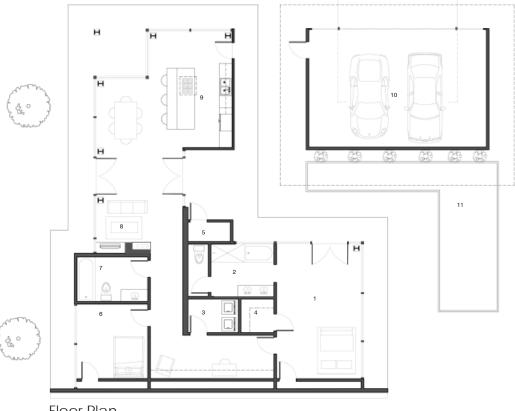


Concept

light.



View of Primary Sleeping Area

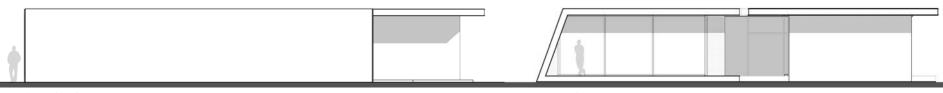


Floor Plan 1/16" = 1'-0"

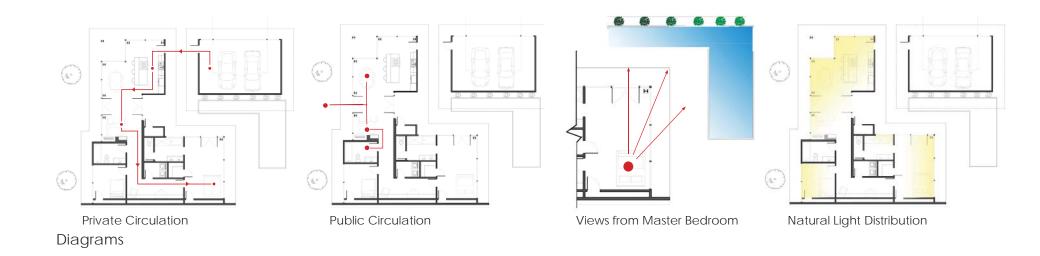


Plan Key:

- 1. Primary Sleeping Area
- 2. Primary Hygiene
- 3. Clothes Washing Area
- 4. Clothes Storage
- 5. Maintenance Area
- 6. Secondary Sleeping Area
- 7. Secondary Hygiene
- 8. Gathering Area
- 9. Eating Area
- 10. Garage
- 11. Pool

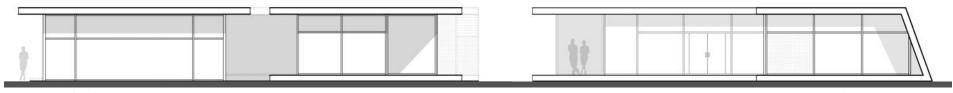


South Elevation NTS



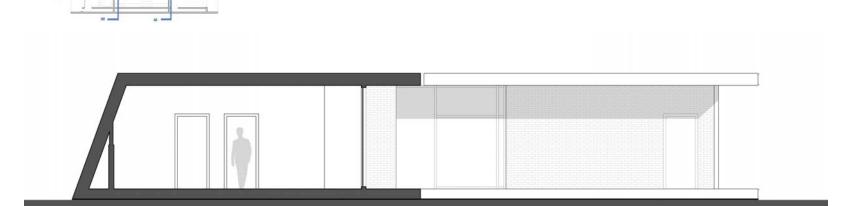


View of North Facade

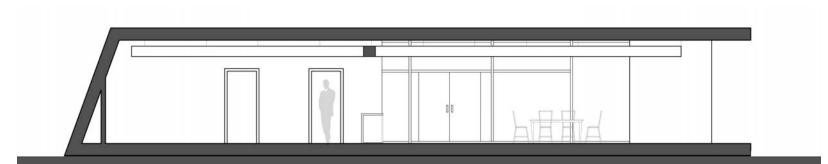


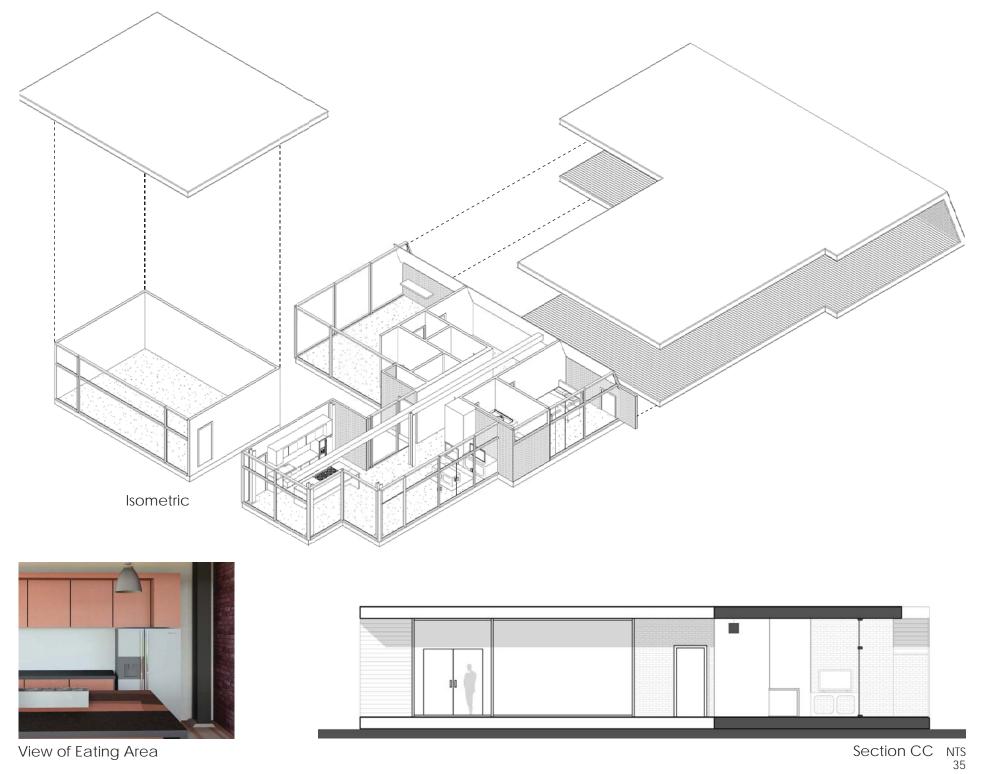


Views of Gathering Area



Section AA NTS





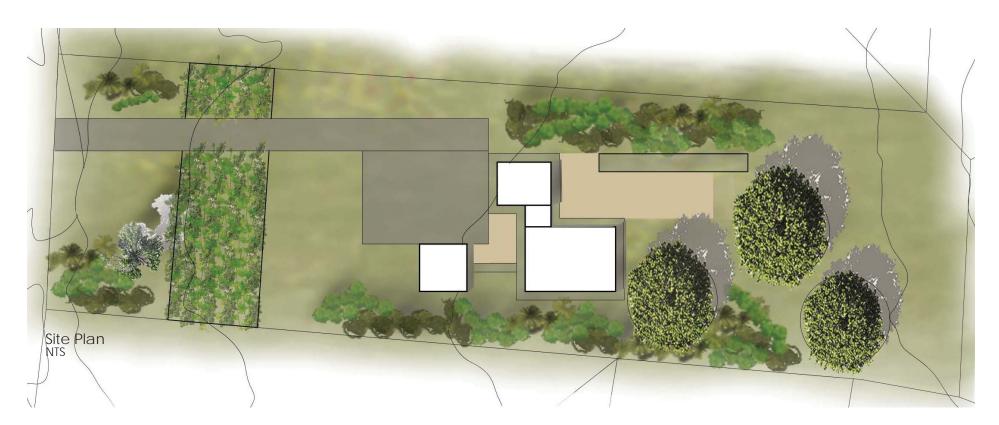
View of Eating Area

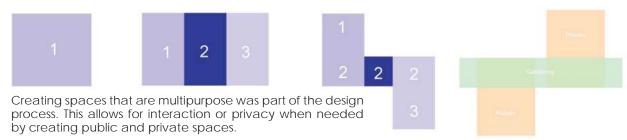


proposal by Sarah Hawkins

21st century design: uses creative forms, provides experience, uses less, becomes one with nature, provides views, and creates interaction.

Exterior View of Residence

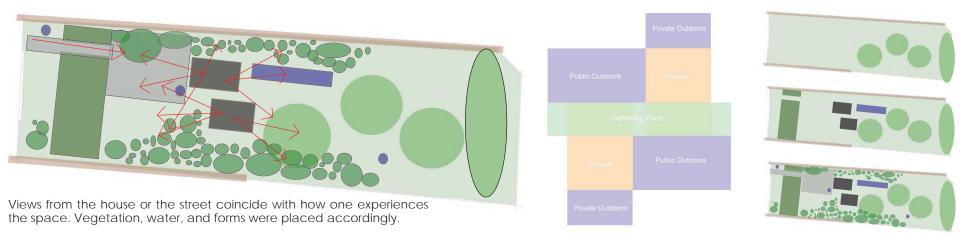




Concept Diagrams



South Elevation NTS



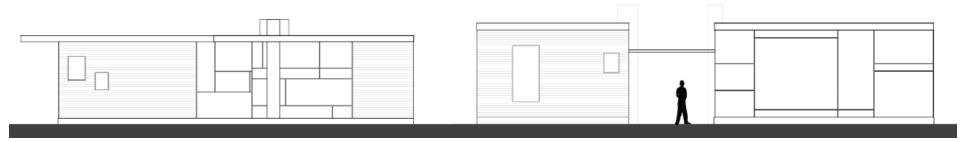
Site Diagrams





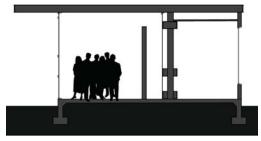


Views of Gathering Areas



North Elevation NTS West Elevation NTS

39



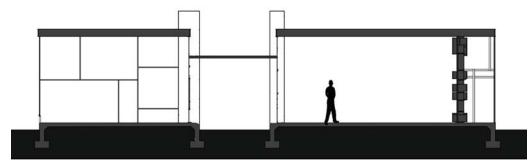
Section Through Guest Wing NTS



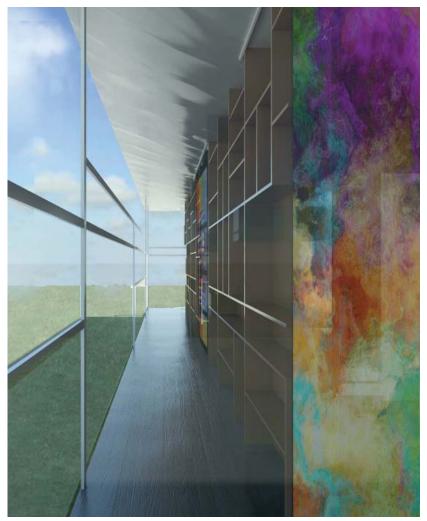
Section Through Main Bedroom NTS



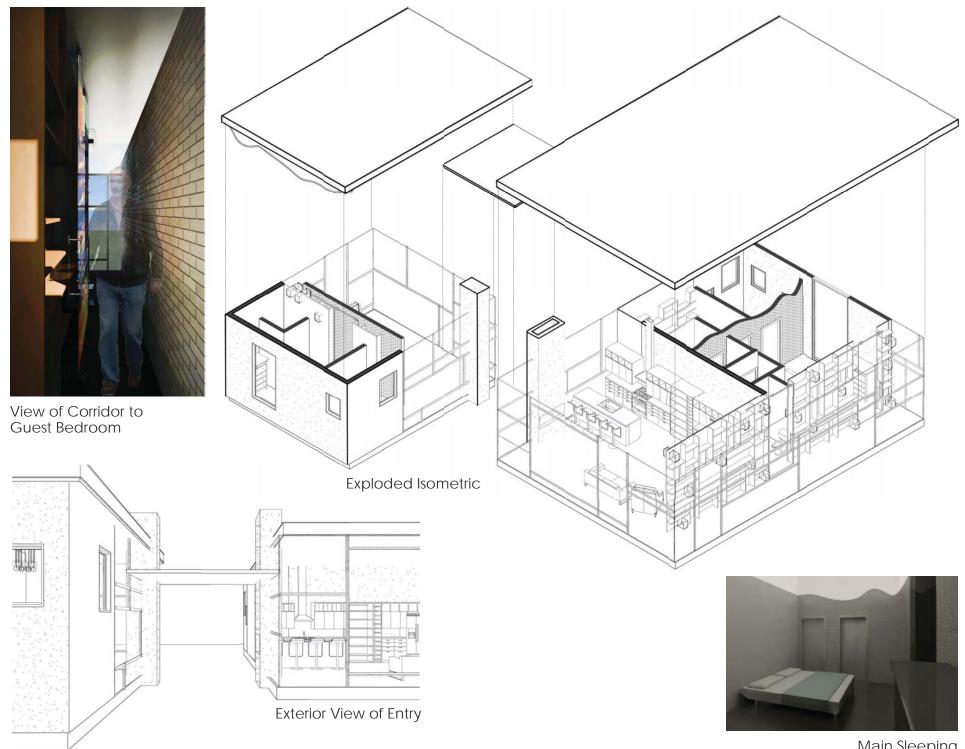
Section Through Main Bedroom and Gathering Area NTS



Section Through Gathering Areas NTS 40



View of Gallery-Corridor to Main Sleeping

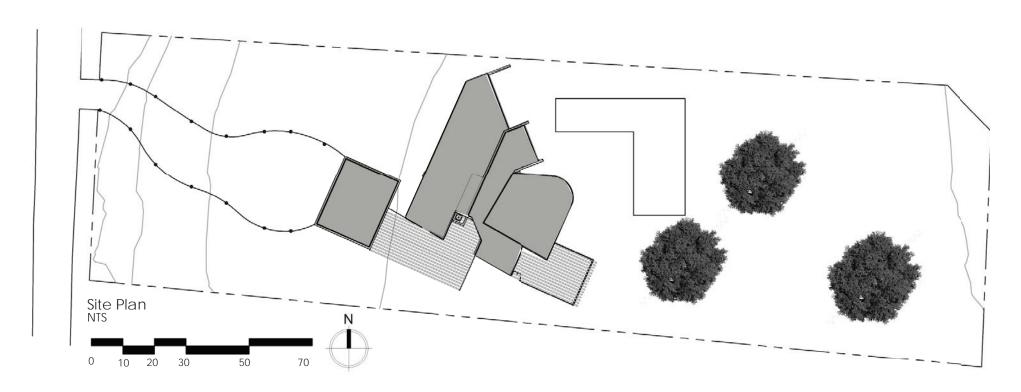


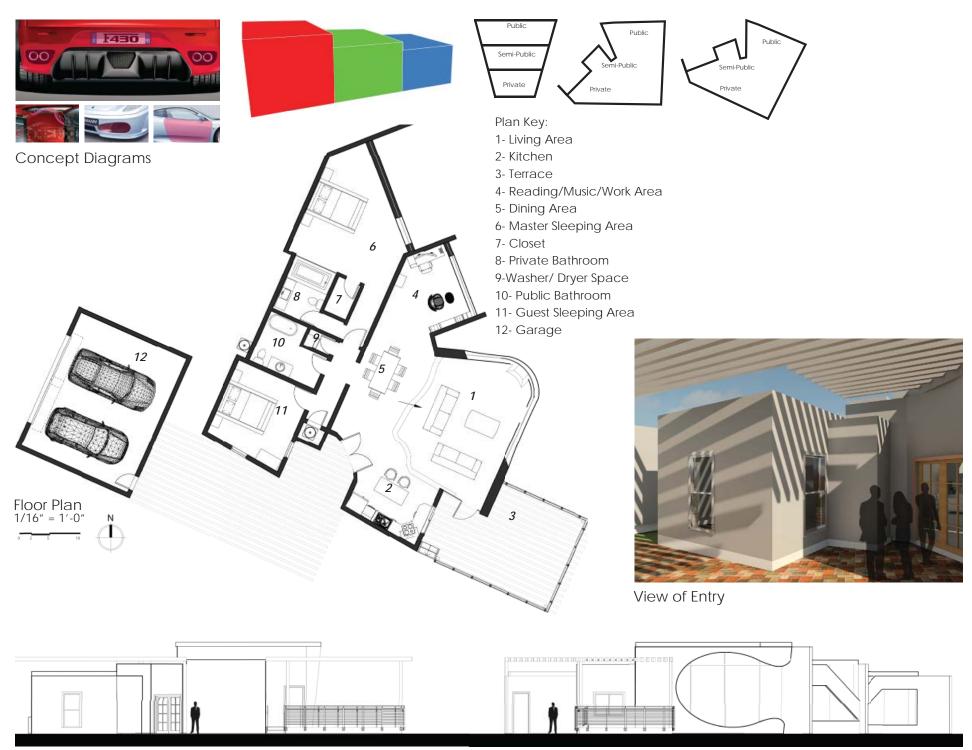
Main Sleeping

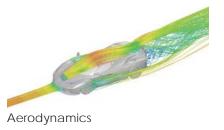


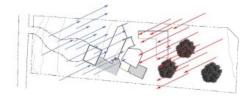
proposal by Fady Khair

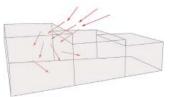
Exterior View of Residence

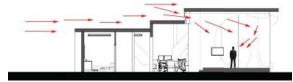












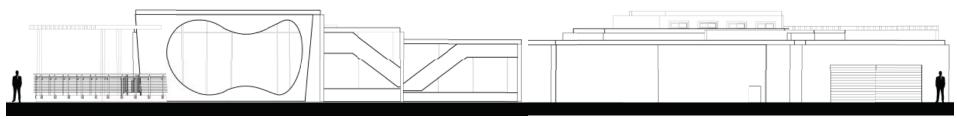
Site Diagrams



Wind Studies

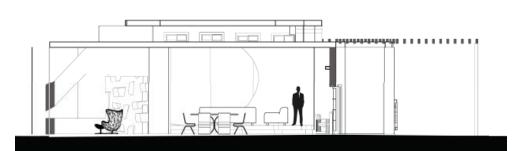


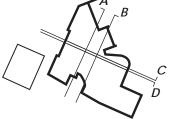
Views of Living, Kitchen, and Dining Areas



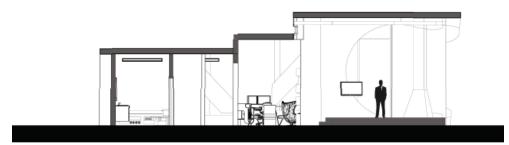


Section A NTS

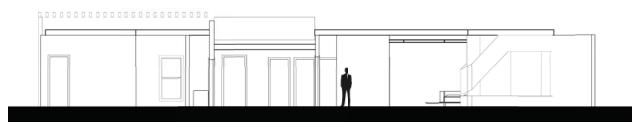




Section B NTS



Section C NTS

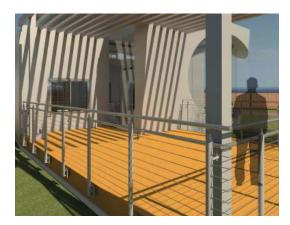


Section D NTS 46





View of Master Sleeping Area and Private Bathroom



View of Terrace

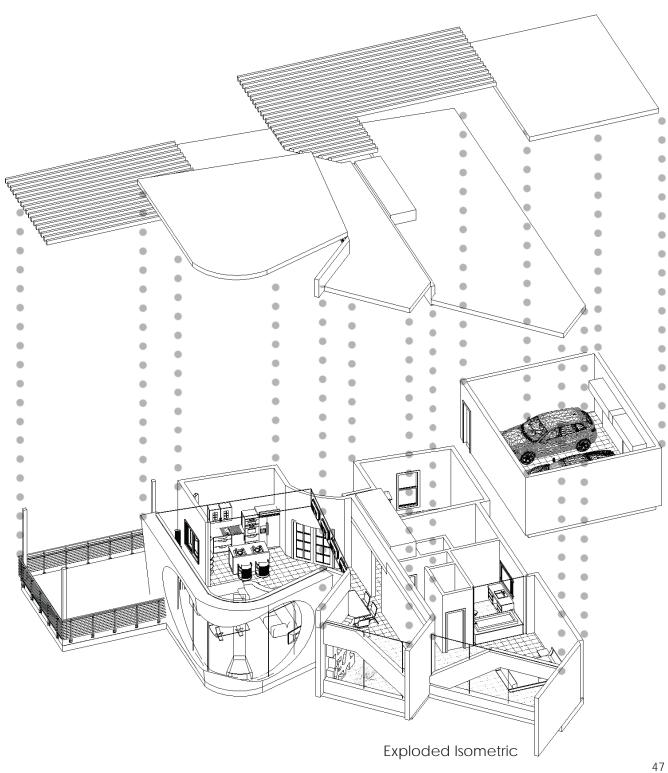




Views of Living, Kitchen, and Dining Areas



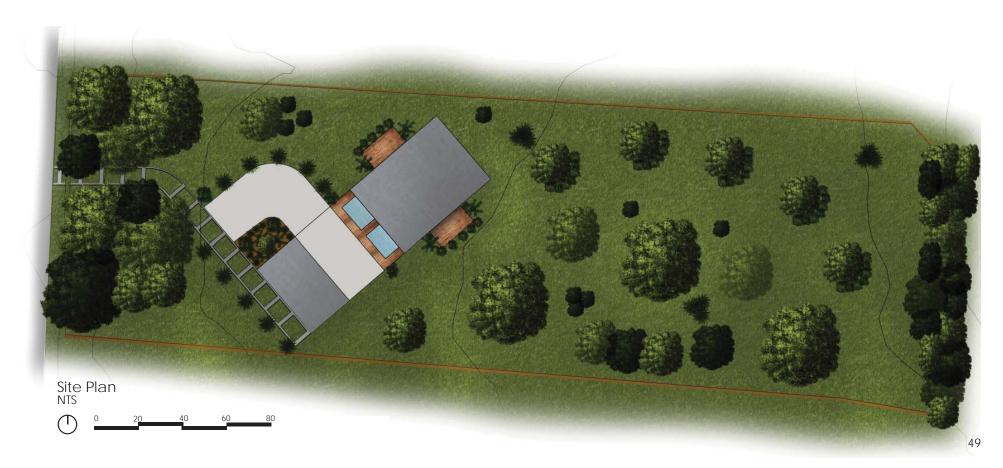
View of Reading/Music/Work Area

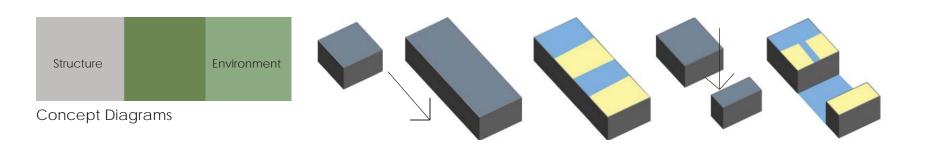


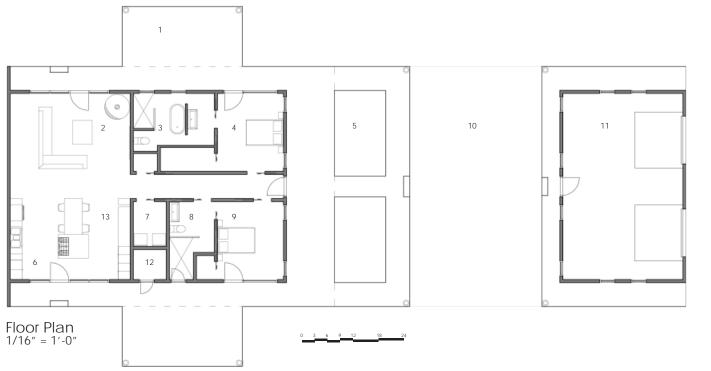


proposal by Bryan Mejia

Exterior View of Residence

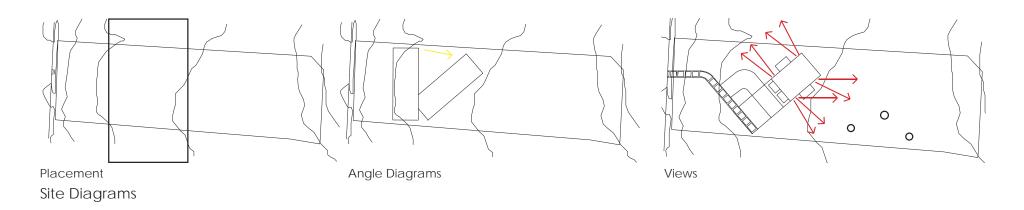






Plan Key:

- 1. Porch
- 2. Gathering Space
- 3. Main Hygiene
- 4. Main Relaxing Space
- 5. Pool
- 6. Food Preparation Area
- 7. Utility Space
- 8. Guest Hygiene
- 9. Guest Relaxing Space
- 10. Public Parking
- 11. Private Parking
- 12. Mechanical Space
- 13. Eating Space

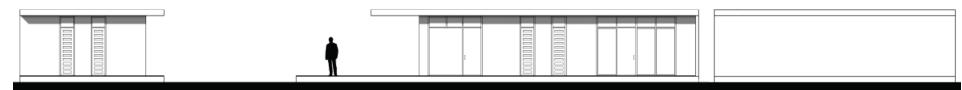






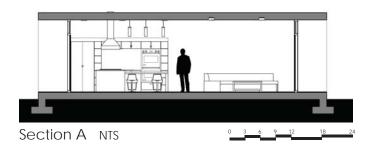
Exterior View Facing Southwest

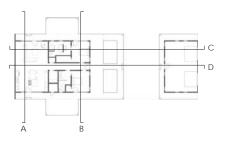
Exterior View Facing Southeast



Southeast Elevation NTS Northeast Elevation NTS

51

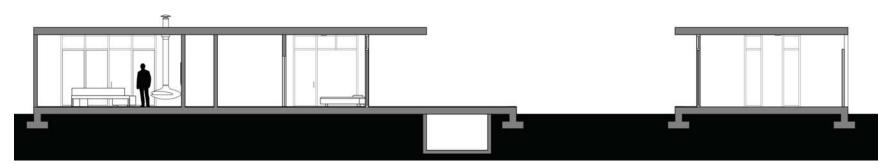




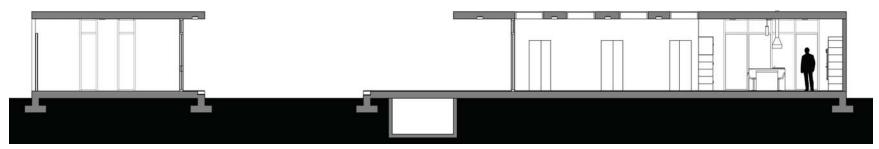


Section B NTS

View to Rear Yard from Main Relaxing Space



Section C NTS



Section D NTS 52



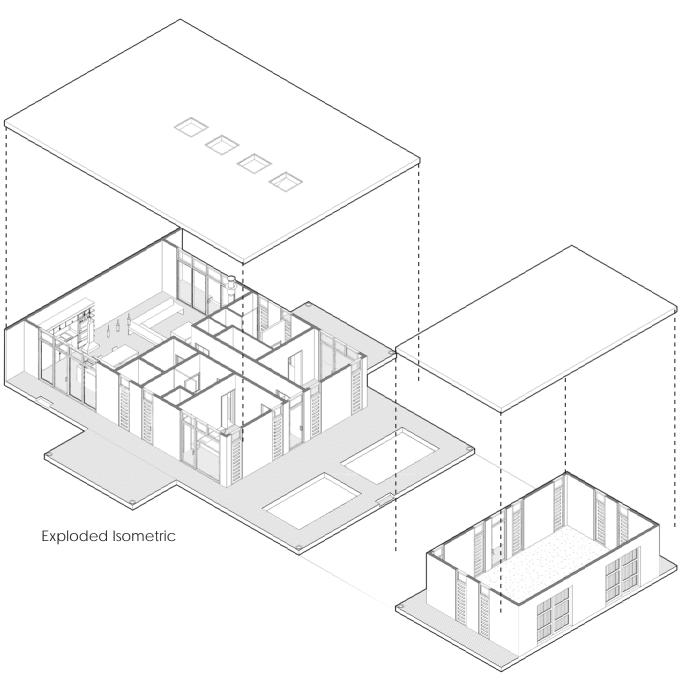
View of Food Preparation Area



View of Interior Corridor



View of Main Hygiene



proposal by Matt Pate

21st Century Architecture has multiple uses for spaces and connection between the exterior and interior of the building; it is open, minimal, and not overly complicated; it is simple and straight-forward, where natural light plays an important role.

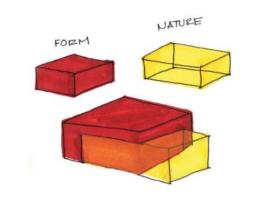


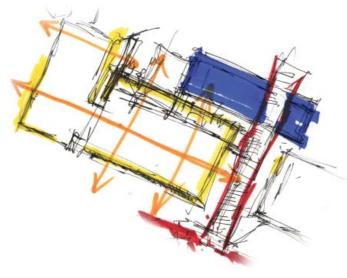
View of West Facade



The concept for 21CD is forging architecture and nature into one. Using natural materials and a neutral color palette, the residence blends in with the environment well. Opening the residence up to views of the site is a major priority as it allows the client to feel as though he is outside even when he is not. The open floor plan allows spaces to have multiple uses and the minimalistic styling allows nature to take main stage. Having views of the outside from one side of the residence to the other makes the building almost disappear and become one with the surroundings.

Concept







Plan Key:

- 1. Dining/Entertaining
- 2. Food Preparation
- 3. Master Bedroom
- 4. Master Bath
- 5. Guest Room
- 6. Guest Bath
- 7. Pool
- 8. Covered Pavilion
- 9. Mechanical/Laundry
- 10. Garage





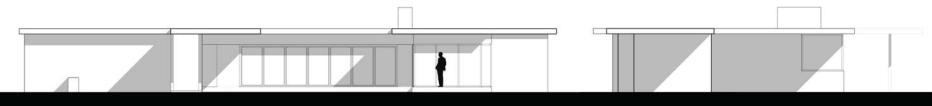
Views to Pool







Section Through Main Space Looking South



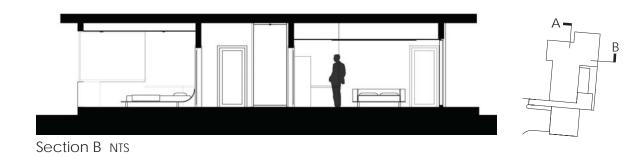
East Elevation NTS North Elevation NTS

57



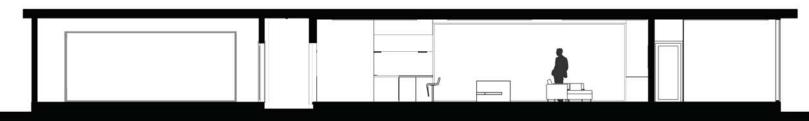


Views of Main Entry





View of Master Bath



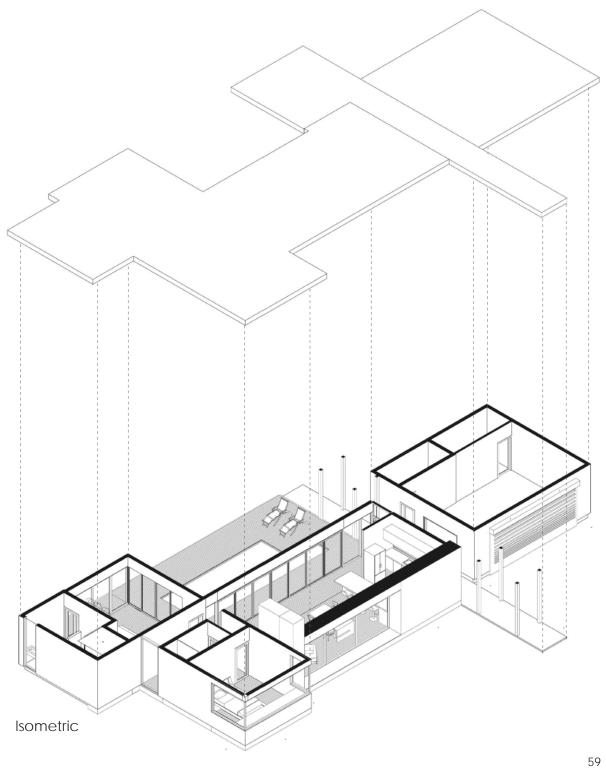




Views of Entertaining and Dining Space



View of Master Bedroom

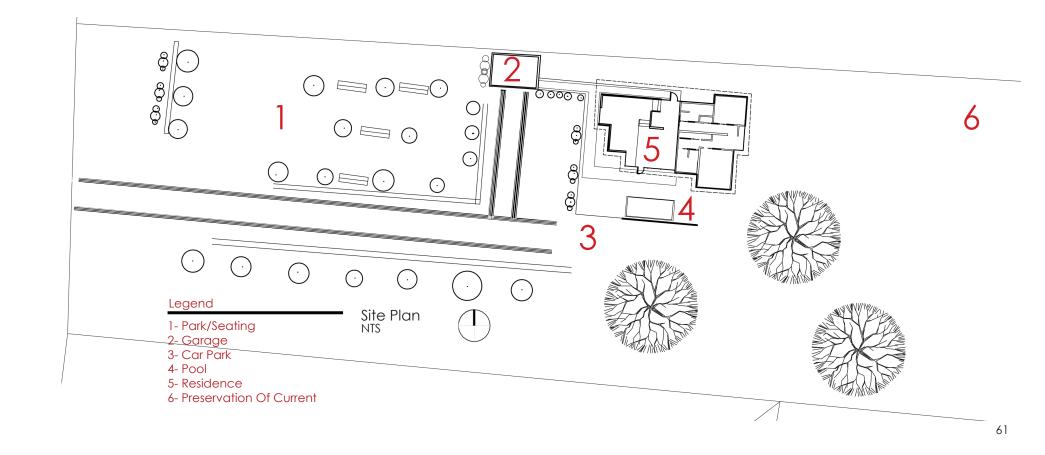


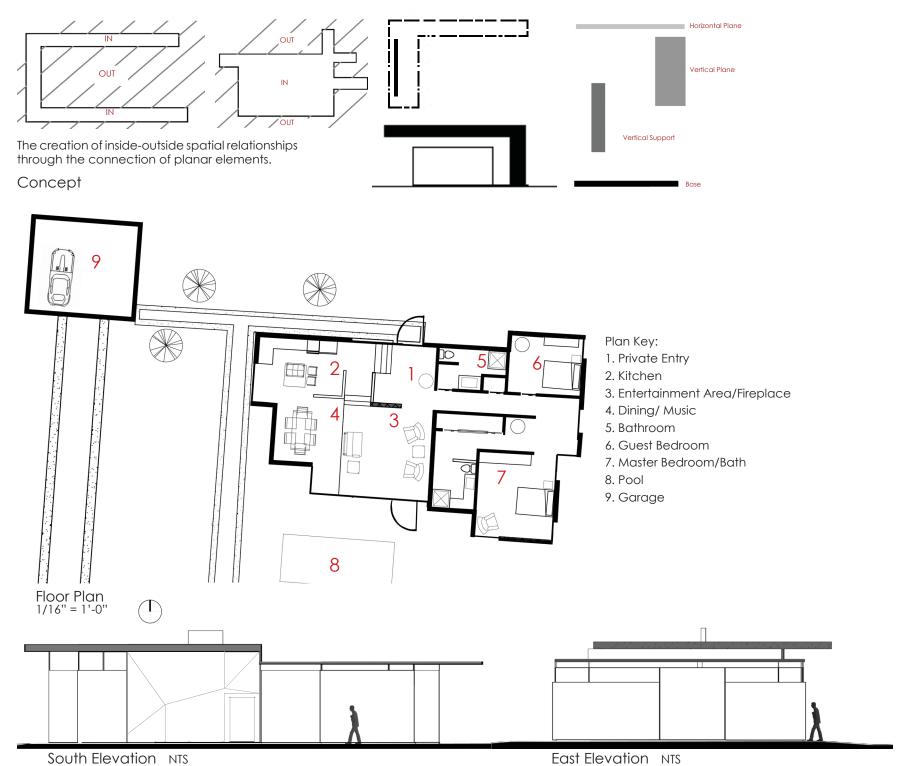
proposal by Johnathan Patterson

21st Century Design: Design that is responsive in a regenerative cycle with little to no waste; design which has a positive effect on health and environment; environmentally responsive design.



View of West Facade









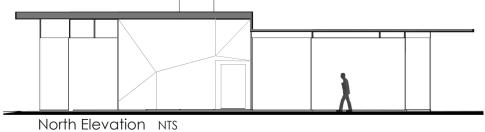
Views of East Facade

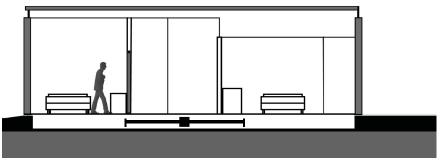


View to Kitchen



View of Entertainment Area from Pool

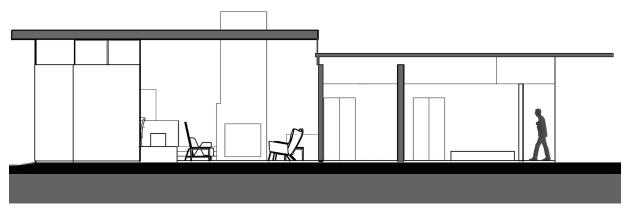




Section A NTS



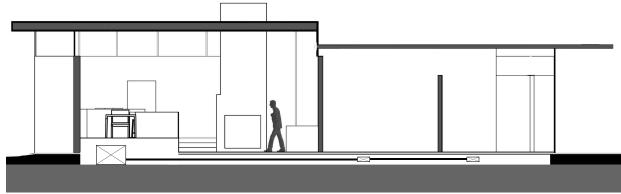
View from Parking/Seating Area



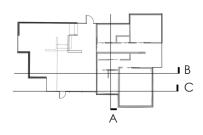
Section B NTS



View of Master Bedroom



Section C NTS





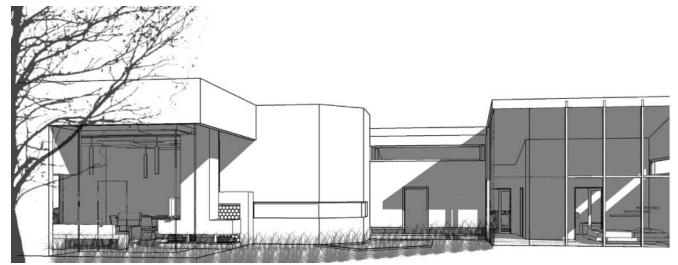


View of Kitchen and Dining Area

View of Entertainment Area

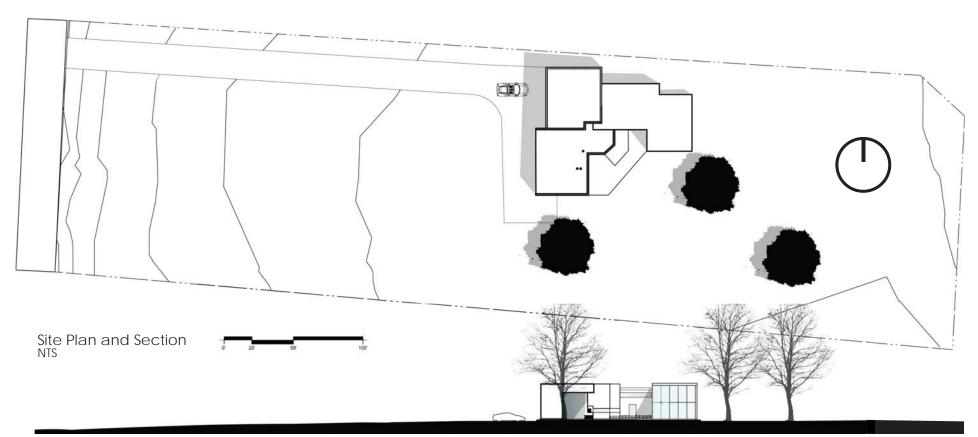


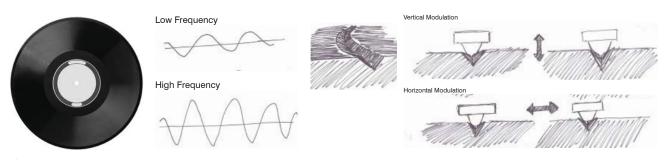
Suggestions for Interior Materials and Furnishings



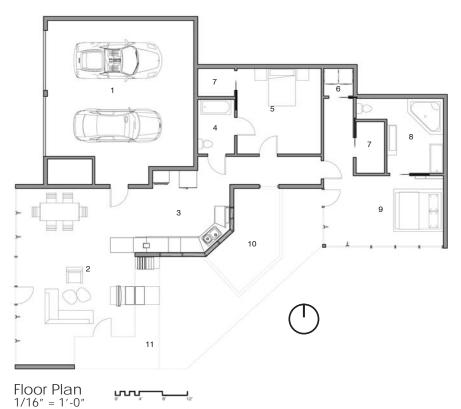
proposal by Jordan Santmyer

View of South Facade

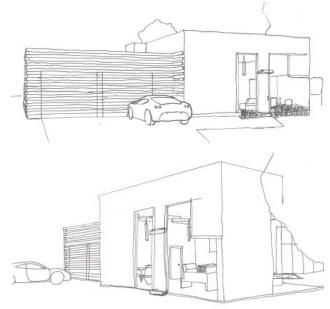




Concept



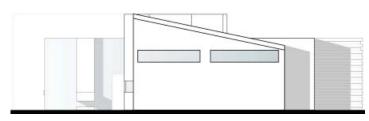
- 1. Garage
- 2. Living/Dining Area
- 3. Food Preparation
- 4. Guest Bath
- 5. Guest Sleeping
- 6. Utility Room
- 7. Closet
- 8. Master Bath
- 9. Master Sleeping
- 10. Pool
- 11. Outdoor Living Area



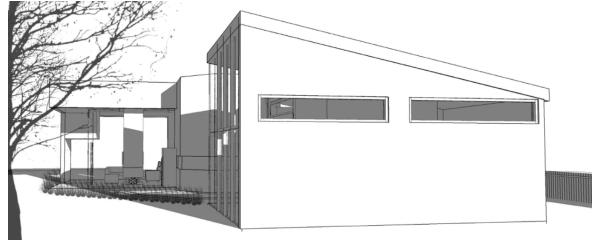
Views at Entry



South Elevation NTS

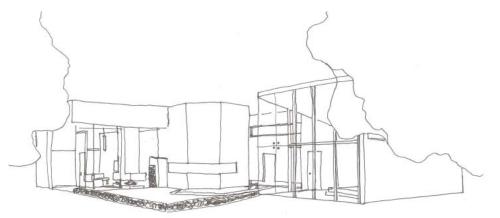


East Elevation NTS





View of East Facade



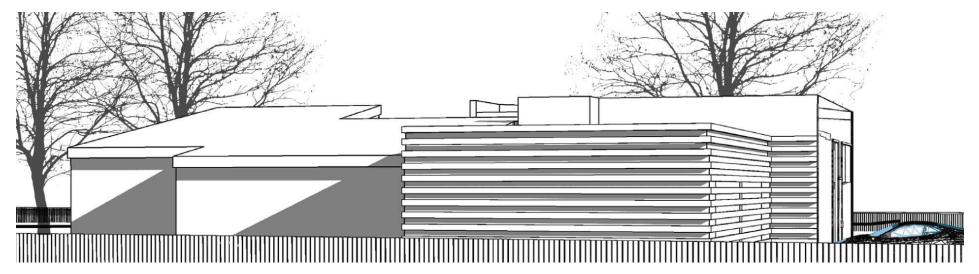
Views of Master Sleeping Area

View of South/East Facades

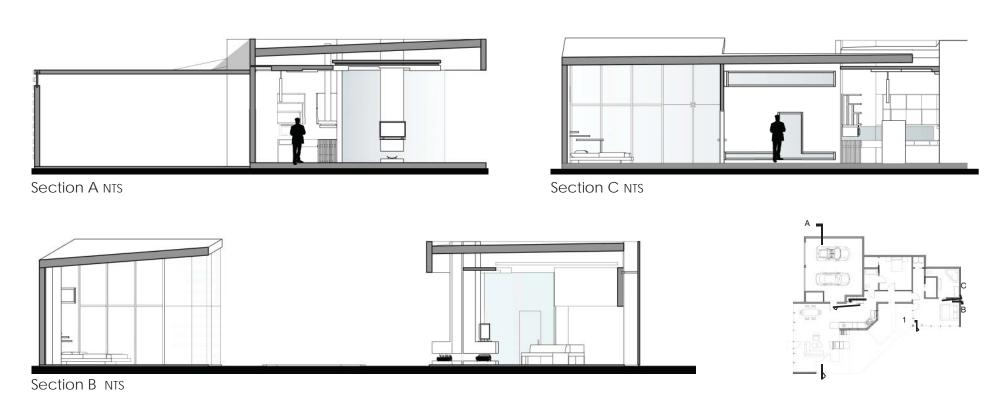


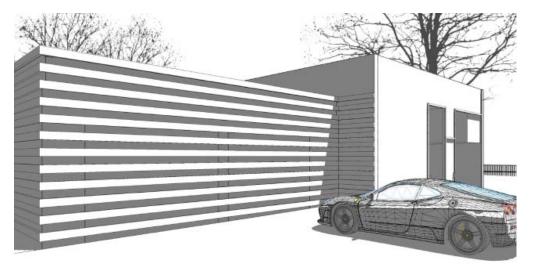
North Elevation NTS

West Elevation NTS



View of North Facade







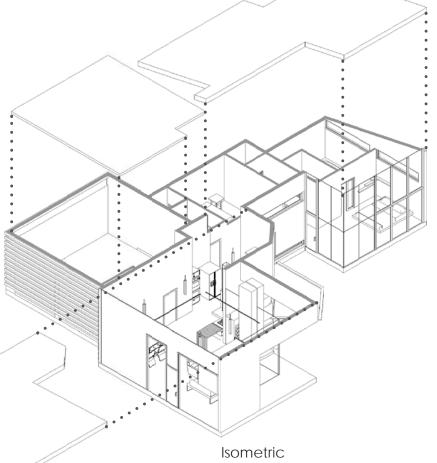


Exterior and Interior Views of Entry





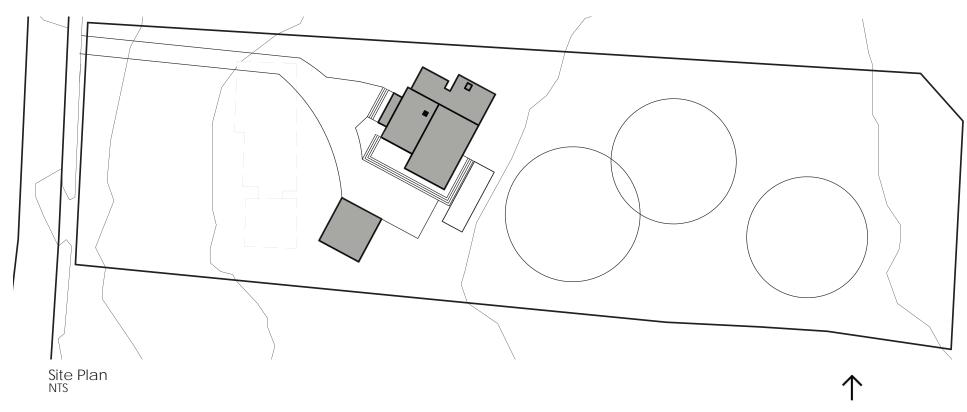
Views of Living/Dining Areas





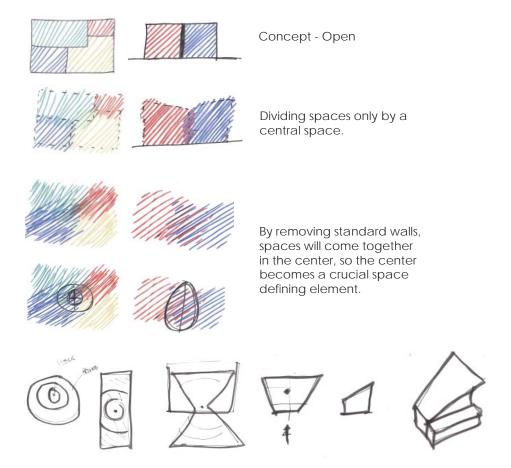
proposal by Emily Redding

View of Entry

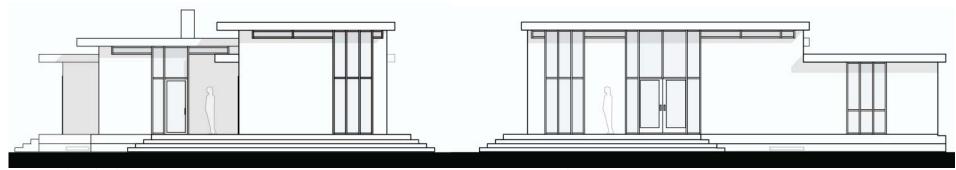




- 1. Living Room
- 2. Kitchen
- 3. Dining
- 4. Utilities
- 5. Guest Room
- 6. Bathroom
- 7. Master Bedroom
- 8. Closet



Spaces revolving around a central point. Opening outward and upward. Concept



South Elevation NTS

East Elevation NTS

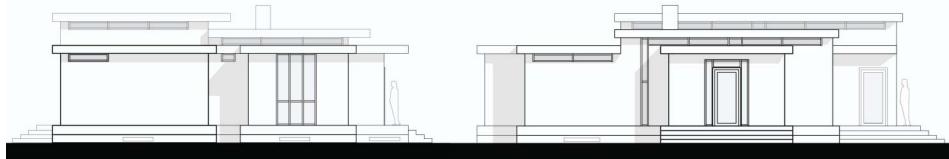




View of Entry



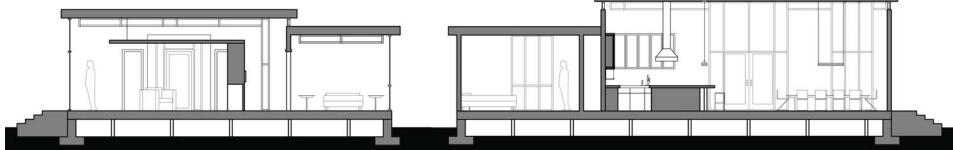
View of Living Room View Down Private Hall



North Elevation NTS West Elevation NTS

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Section 2 NTS

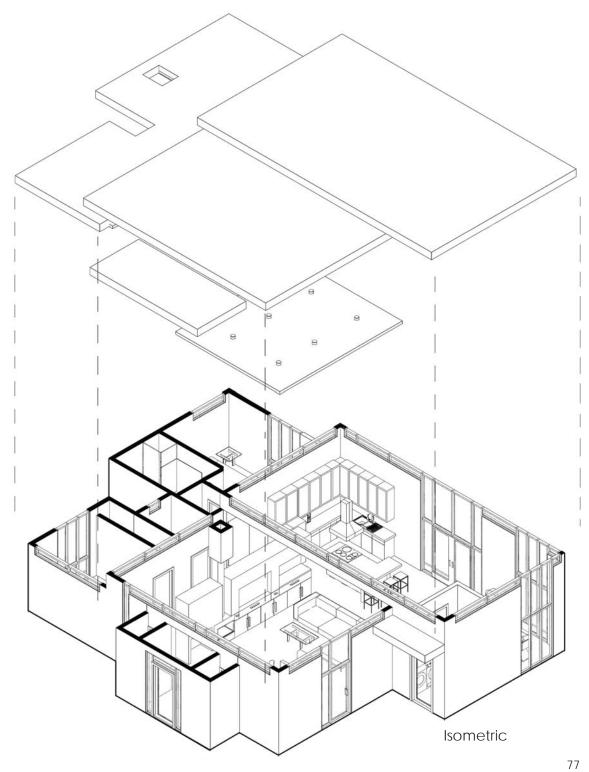
Section 4 NTS







Views of Kitchen and Dining Area



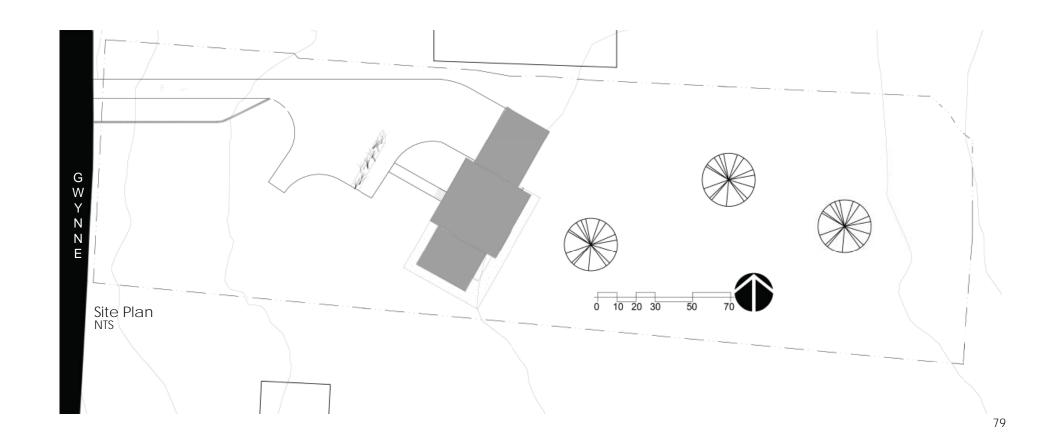


proposal by Robert Taylor Jr.

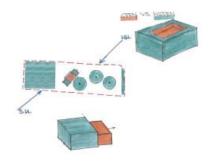
The Idea of 21st Century Design

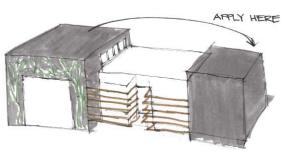
21st Century architecture does not have an identity. Through technology and use of materials, the current time period allows us to create what 21st century could become.

View of Entry



The program expressed the attraction for a 21st century design that would resemble seamless and hidden architecture. Considering the client's programmatic requests, beneficial information was obtained from Peter Zumthor's *Thinking Architecture*. Zumthor states, in the essay *Does Beauty Have Form*, that "The experience of beauty makes me aware of absence." I felt there was a strong connection between Zumthor's statement and what the client wanted in his design. I began to conceptualize ideas of how to create the seamless (beautiful) design by creating the open versus the hidden.

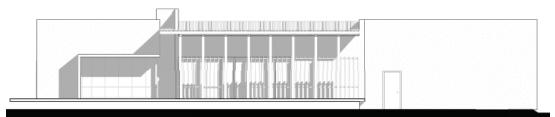




Concept



- 1. Personal Car Parking
- 2. Space for Mechanical Equipment
- 3. Space for Storage
- 4. Multi-functional / Guest Resting
- 5. Laundry
- 6. Secondary Place of Hygiene
- 7. Space for Entertainment
- 8. Space for Preparing Meals
- 9. Primary Space for Rest
- 10. Office Area
- 11. Primary Place of Hygiene

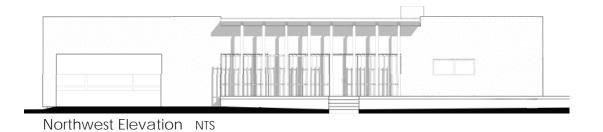




Existing Examples of Open/Hidden Elements



View of Southeast Facade

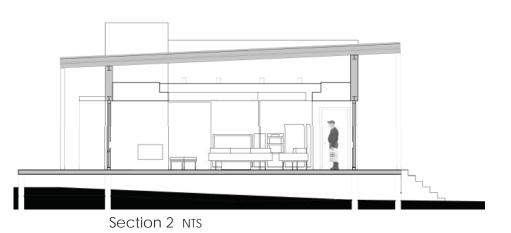


Southwest Elevation NTS

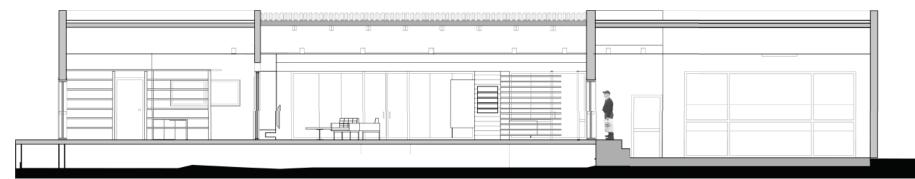




Views of Kitchen and Dining Area Showing Hidden Versus Open







Section 1 NTS



View of Entertainment Space



View of Primary Sleeping Area and Multi-functional Space

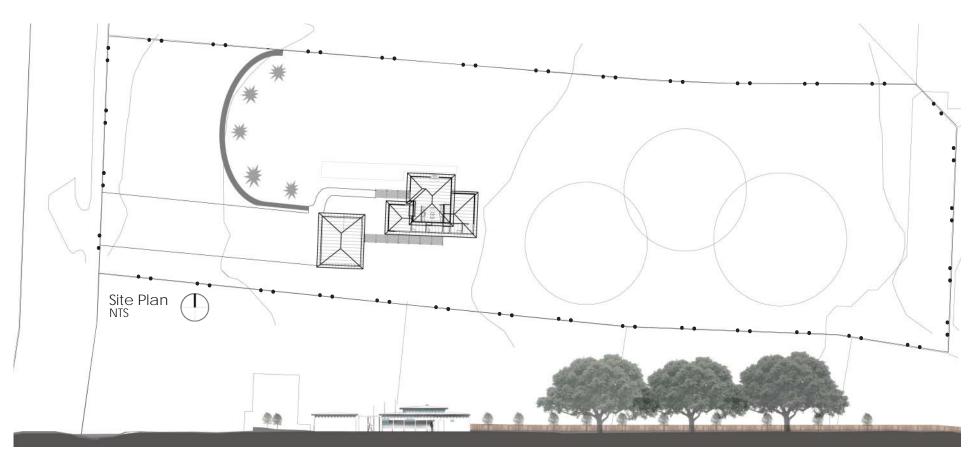
proposal by Dwayne Tiggs

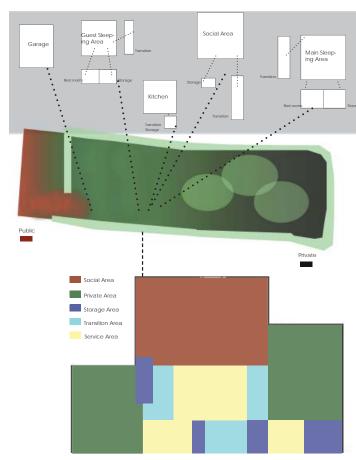
Structures Born From Necessity.

21 Century Design is one of pure form. It is straight forward when responding to the needs of nature and the societies it serves.



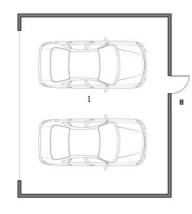
View of North Facade

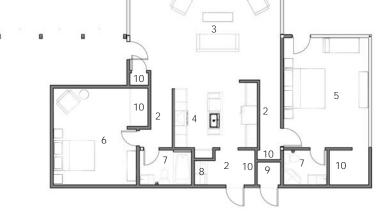




Concept - Programmatic Analysis

- 1. Garage
- 2. Transition
- 3. Social Area
- 4. Kitchen
- 5. Private Sleeping Area
- 6. Guest Sleeping Area
- 7. Rest Room
- 8. Laundry Area
- 9. HVAC
- 10. Storage





Floor Plan 1/16" = 1'-0"



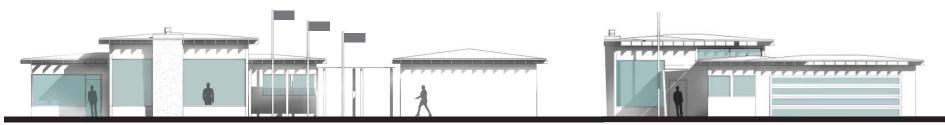






View From Social Area Into Kitchen

View Walking Down Private Entry

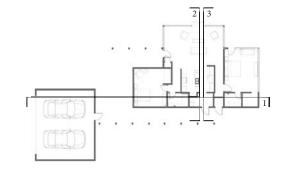


North Elevation NTS West Elevation NTS

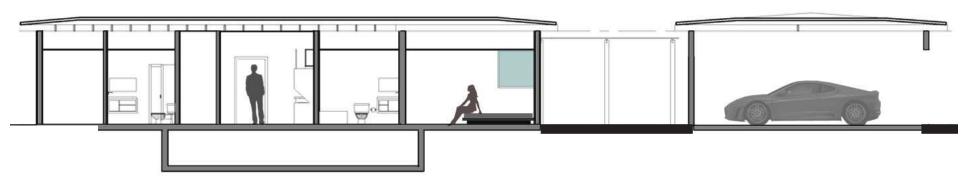
87







Section 3 NTS



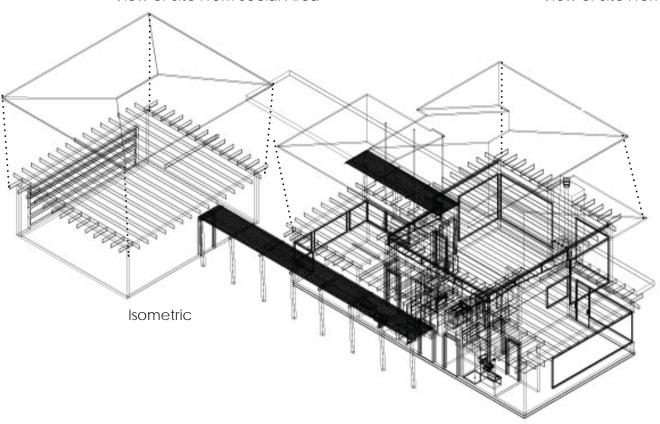
Section 1 NTS





View of Site From Social Area

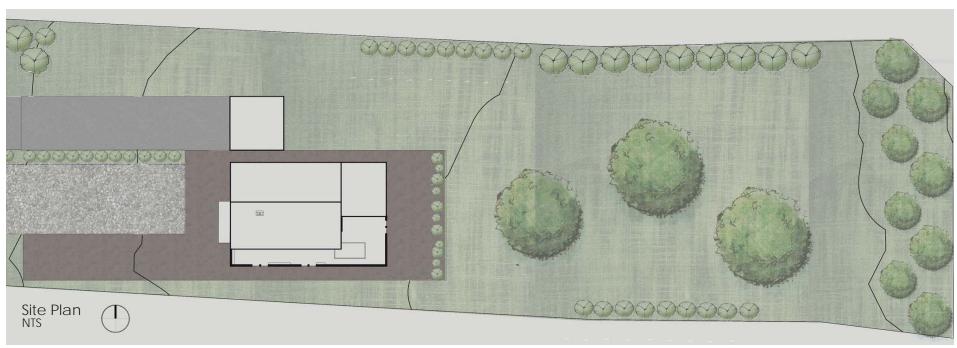
View of Site From Private Sleeping Area

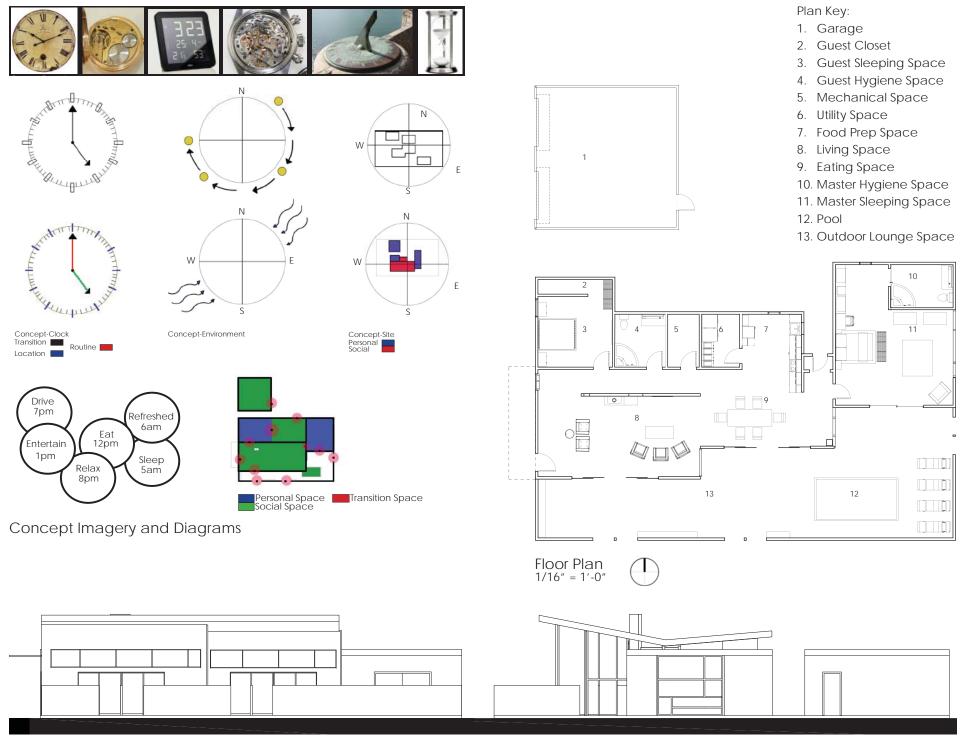


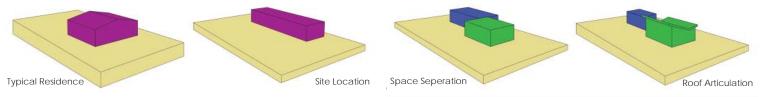


proposal by Danielle Turner

View of South Facade







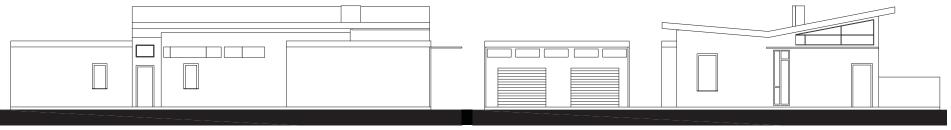
Site and Form Diagrams



View of Private Entry Space



View Between Social and Personal Spaces



North Elevation NTS

West Elevation NTS



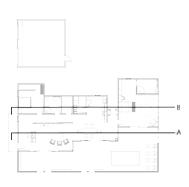


Views of Master Sleeping Area



Section A NTS





Section B NTS



View to Pool From Eating Space

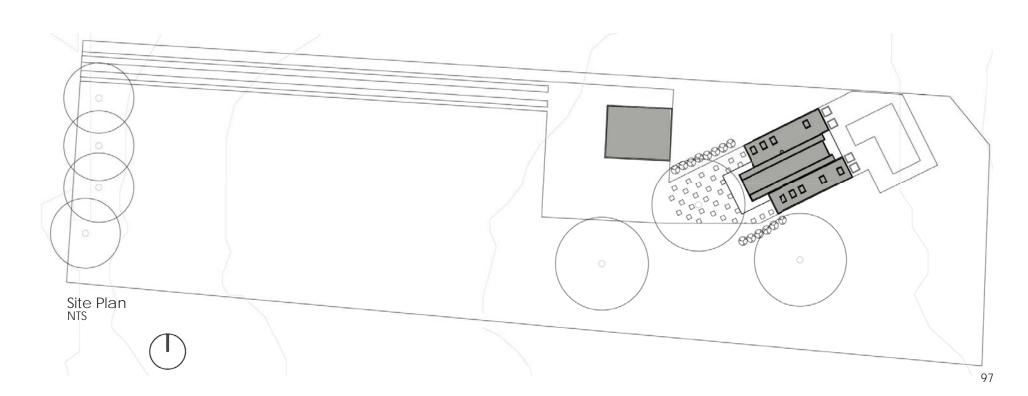




proposal by Devontea Tyson

What is 21st Century design?
21st Century design is the constant attempt to regain a close connection to nature.

View of Entry Facade

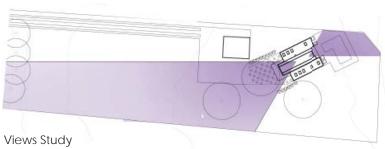


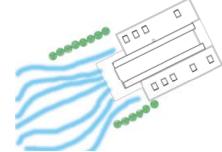
"A hand laying on the shoulder or thigh of another body no longer belongs completely to the one it come from: a new thing arises out of it and the object it touches or grasps, a thing that has no name and belongs to no one, and it is this new thing which has its own definite boundaries, that matters from that point on." -Rainer Maria Rilke

What are considered to be the hands in this project are the outside elements and how they are used to affect the experience of the inside.

As the outside relates to the hand, when the outside is placed within the inside body it is no longer just the outside, it is a new place with its own boundaries and experiences which connect the two.







Wind Study

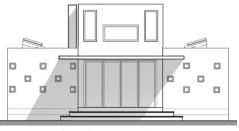
Site Diagrams

Concept

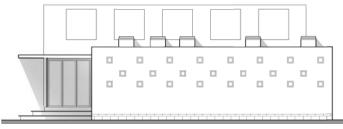


- 1. Place for Living/Dining
- 2. Place for Preparing Meals
- 3. Place for Sleeping
- 4. Place for Work
- 5. Place for Storage
- 6. Place for Guest
- 7. Place for Hygiene



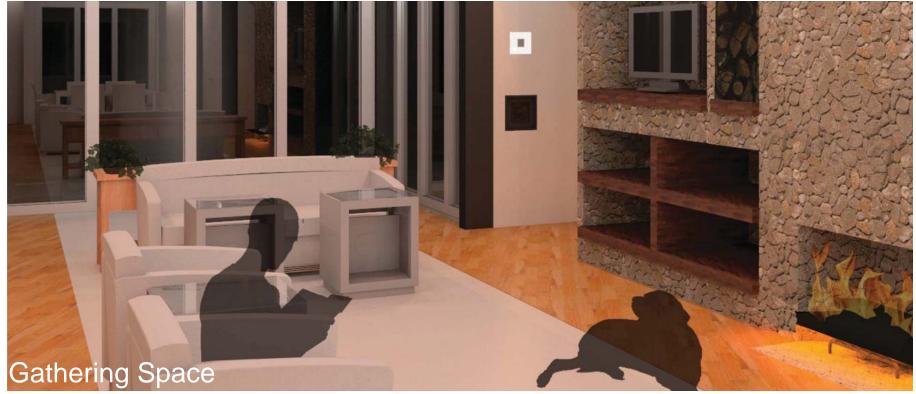


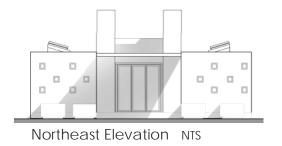
Southwest Elevation NTS

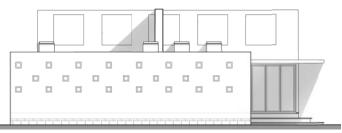


Southeast Elevation NTS

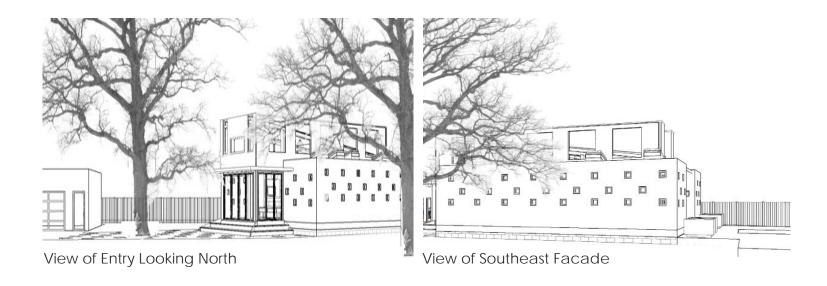


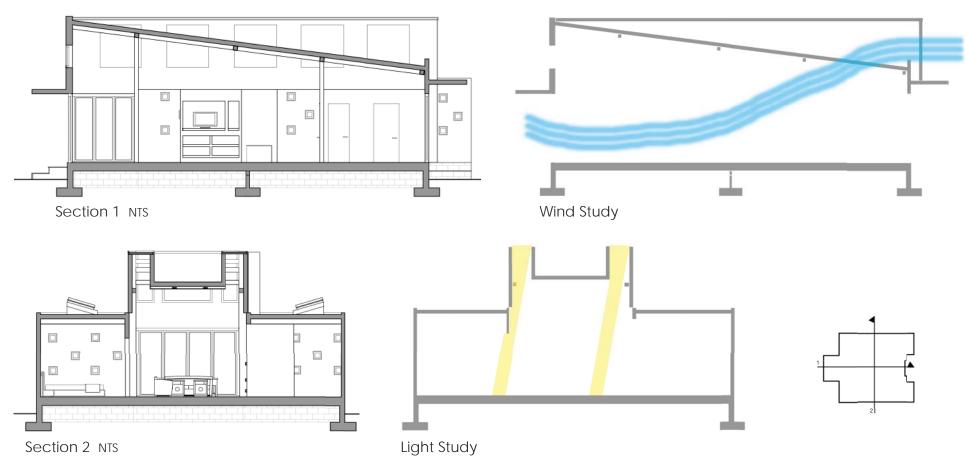






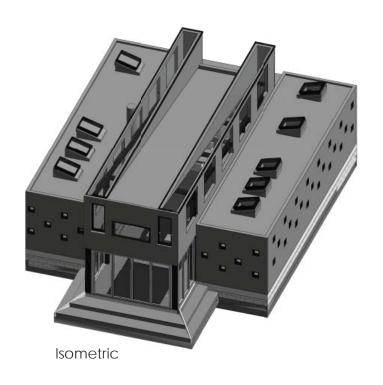
Northwest Elevation NTS











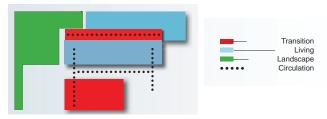




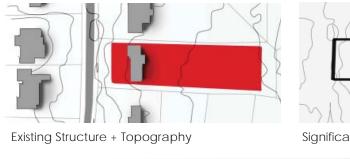
proposal by Joshua Wilson

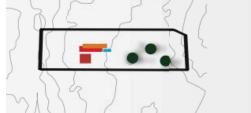
View of Entry Facade



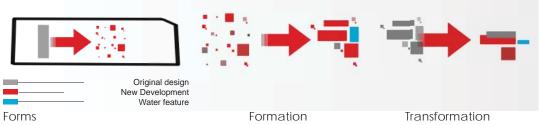


Creating Spaces by adjoining bodies. Only in interaction do space and body form a whole.



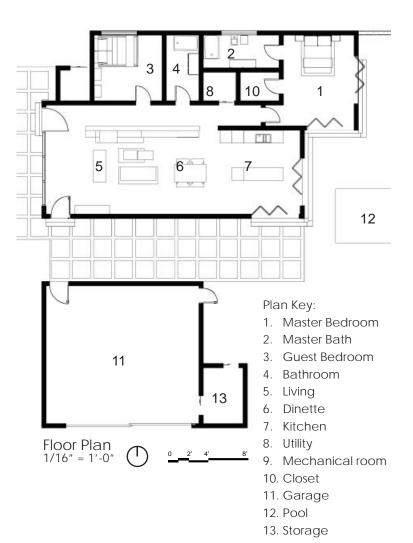


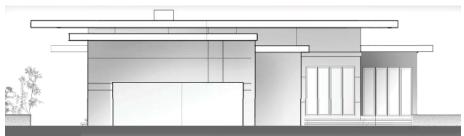
Significant Trees + Proposed Design



Developing Surfaces and bodies by subtraction and modification.

Concept







East Elevation NTS

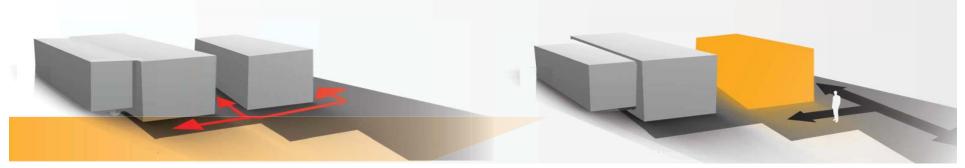


View Through Living, Dining, and Kitchen Spaces



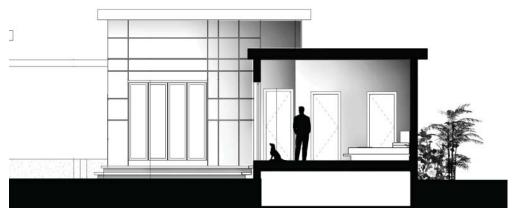


North Elevation NTS West Elevation NTS

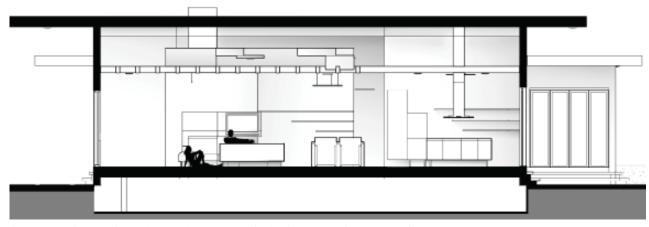


Pedestrian Circulation

Vehicle Circulation



Section Through Master Bedroom Looking West NTS



Section Through Living, Dining, and Kitchen Looking North NTS



View of Main Entries



View of Private Corridor



View of Kitchen

