

A decorative border at the top and bottom of the slide features a tropical floral pattern. It includes several hibiscus flowers in shades of light pink, orange, and red, interspersed with green palm fronds and other tropical foliage against a dark background.

# Youth Housing: Translating Operational Vision to Architectural Form

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# Course Description

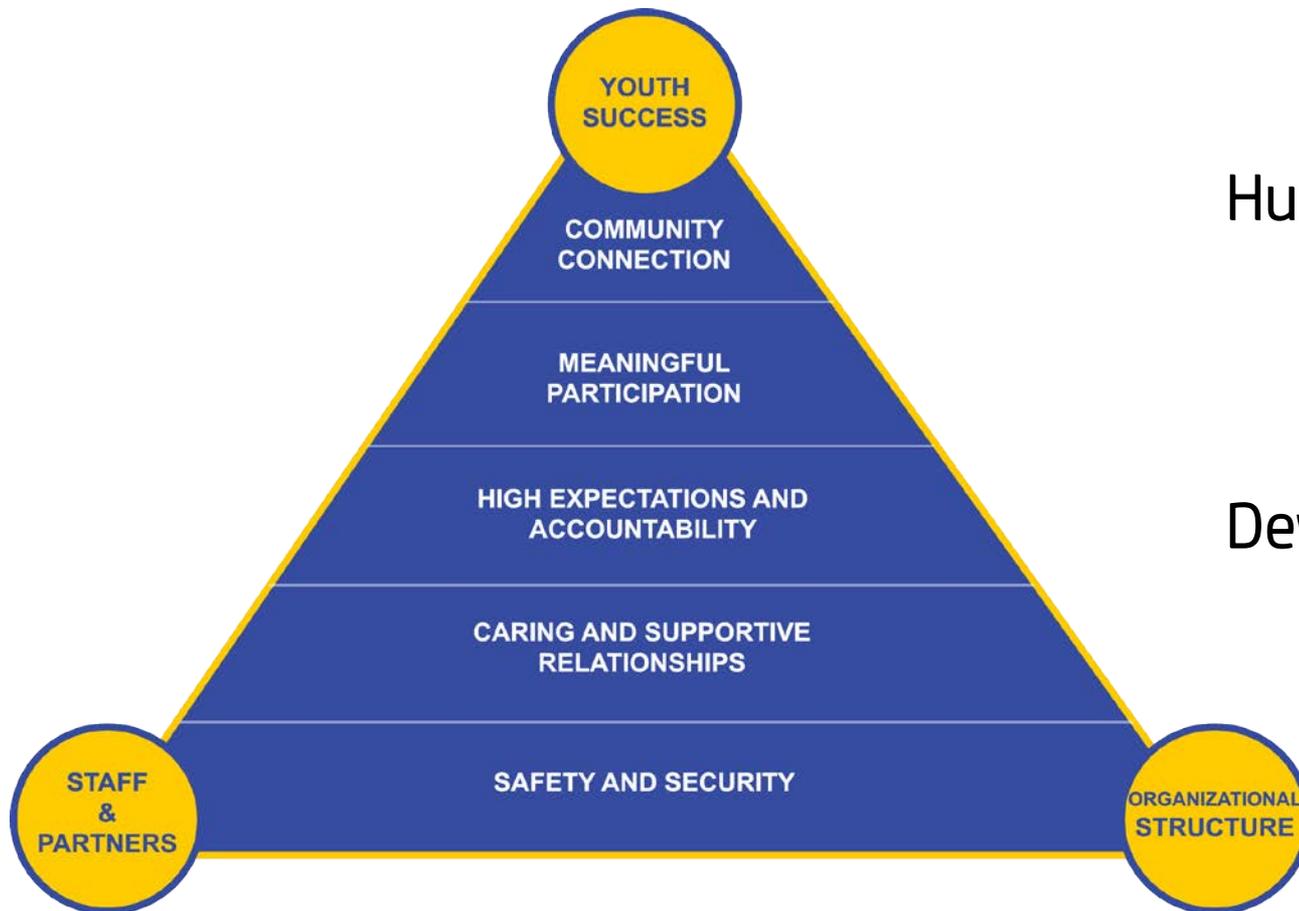
The Oregon Youth Authority (OYA) is transforming the lives of youth each day. DLR Group and Chinn Planning assisted OYA to envision new “best practices” for how youth should live, learn and heal. The resulting Master Plan provides a vision for improved facilities across 9 OYA campus locations that support OYA’s ongoing implementation of the Youth Reformation System and Positive Human Development (PHD) initiatives for youth. Critical to this effort is the new East Campus Housing for the MacLaren Youth Correctional Facility. DLR Group’s designers have designed new housing for high classification youth that incorporates PHD design elements: a community sub-campus with landscape zones for gathering/reflection/recreation, building orientation for views and day lighting, architectural expression incorporating a variety of interior environments for youth: community and small group interactions, natural and native materials and environmental graphics at various scales all intended to “de-institutionalize” the experience for youth.

# Learning Objectives

1. Participants will be able to define best practices for assessing, classifying and assigning programs for youth in a correctional setting using principles from Oregon Youth Authority's Youth Reformation System that show measurable youth reformation outcomes.
2. Participants will be able to develop appropriate building space planning and security design strategies for rehabilitative youth correctional housing using a completed project design to identify the strategies that lead to positive youth reformation outcomes. HSW
3. Participants will be able to develop appropriate building interior and environmental design strategies for rehabilitative youth correctional housing using a completed project design to identify the strategies that lead to positive youth reformation outcomes. HSW
4. Participants will be able to develop appropriate exterior building and site design strategies for rehabilitative youth correctional housing using a completed project design to identify the strategies that lead to positive youth reformation outcomes. HSW

# Oregon Youth Authority: Positive Human Development & Youth Reformation System

Positive human development is not *what we do*. It is *how we do it*.



## Positive

Healthy, optimal, growth-focused, and strengths-based

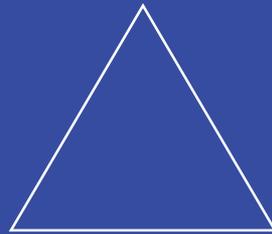
## Human

All individuals with which we come in contact (including ourselves)

## Development

Changes in our behavior, skills, and abilities over time

# Why Positive Human Development?



# Healthy Brain Development

## The Amygdala

- The emotional command center
- Develops earlier than the prefrontal cortex

## The Prefrontal Cortex

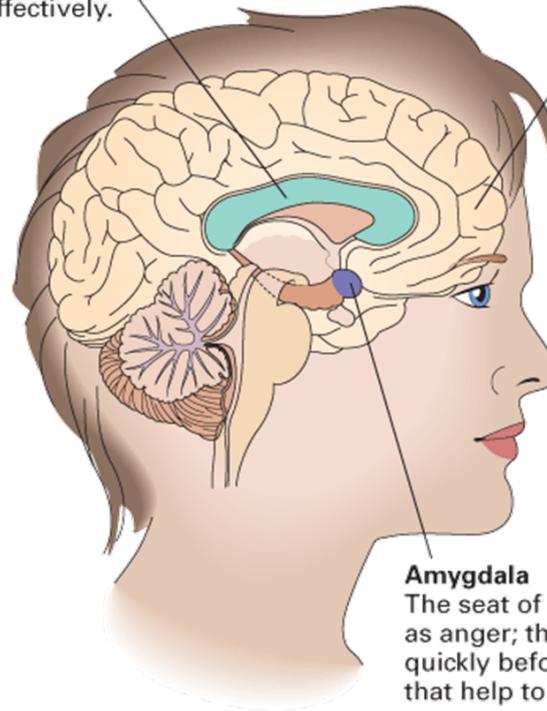
- Reasoning, decision making, self control
- May develop up until age 25

### Corpus callosum

These nerve fibers connect the brain's two hemispheres; they thicken in adolescence to process information more effectively.

### Prefrontal cortex

This "judgment" region reins in intense emotions but doesn't finish developing until at least age 20.



### Amygdala

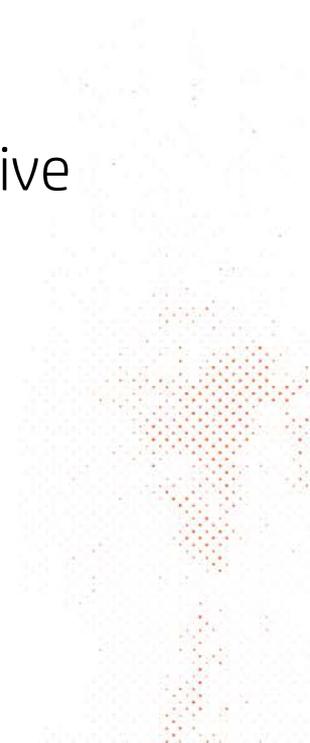
The seat of emotions such as anger; this area develops quickly before other regions that help to control it.



# Environment Matters

- High stress
- Little or no control
- No caring or supportive relationships

- Low stress
- Freedom to make reasonable choices
- Opportunities for engagement
- Caring and supportive relationships





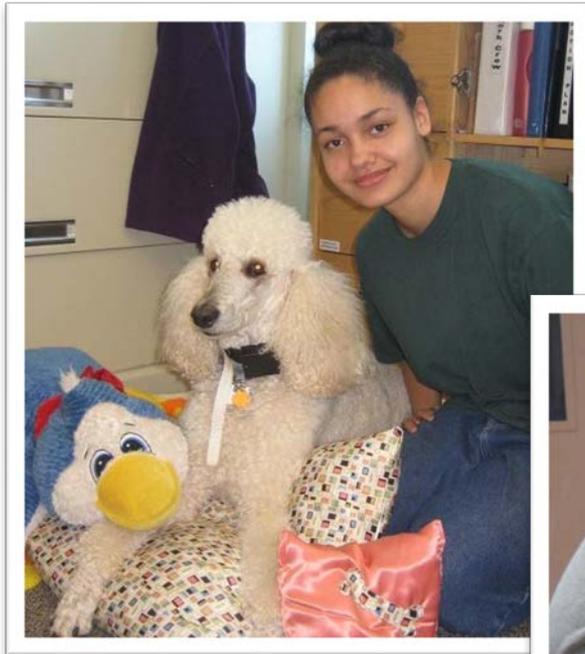
# People Matter

- Human connection builds strength and resiliency
  - Given the right supports, every individual has the capacity to build upon existing strengths.
  - Relationships must be individualized and responsive to meet cultural, gender, and developmental needs.
  - For an effective relationship to foster growth, individuals must feel valued and protected by their community of peers and mentors.
- 

Healthy Environments  
+  
Healthy Engagement  
=  
Healthy Brain Development



# Youth Reformation System



*Supporting the Oregon Youth Authority's mission to protect the public and reduce crime by holding youth in our care and custody accountable and providing opportunities for reformation in safe environments.*

# Achieving Positive Youth Outcomes

**The Youth Reformation System (YRS)**  
uses data, research, and predictive analytics

to inform decision-making and support professional discretion to improve outcomes for youth, reduce future victimization, and maximize effective and efficient use of resources.

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with a information care (TIC), and other approaches targeted to help staff work collaboratively with one another and with youth to help youth develop pro-social, effective skills.

Our System:

**The Youth Reformation System (YRS)**  
uses data, research, and predictive analytics to inform decision-making and support professional discretion to improve outcomes for youth, reduce future victimization, and maximize effective and efficient use of resources.



**Positive Youth Development (PYD)**

Our System:  
The Youth Reformation System

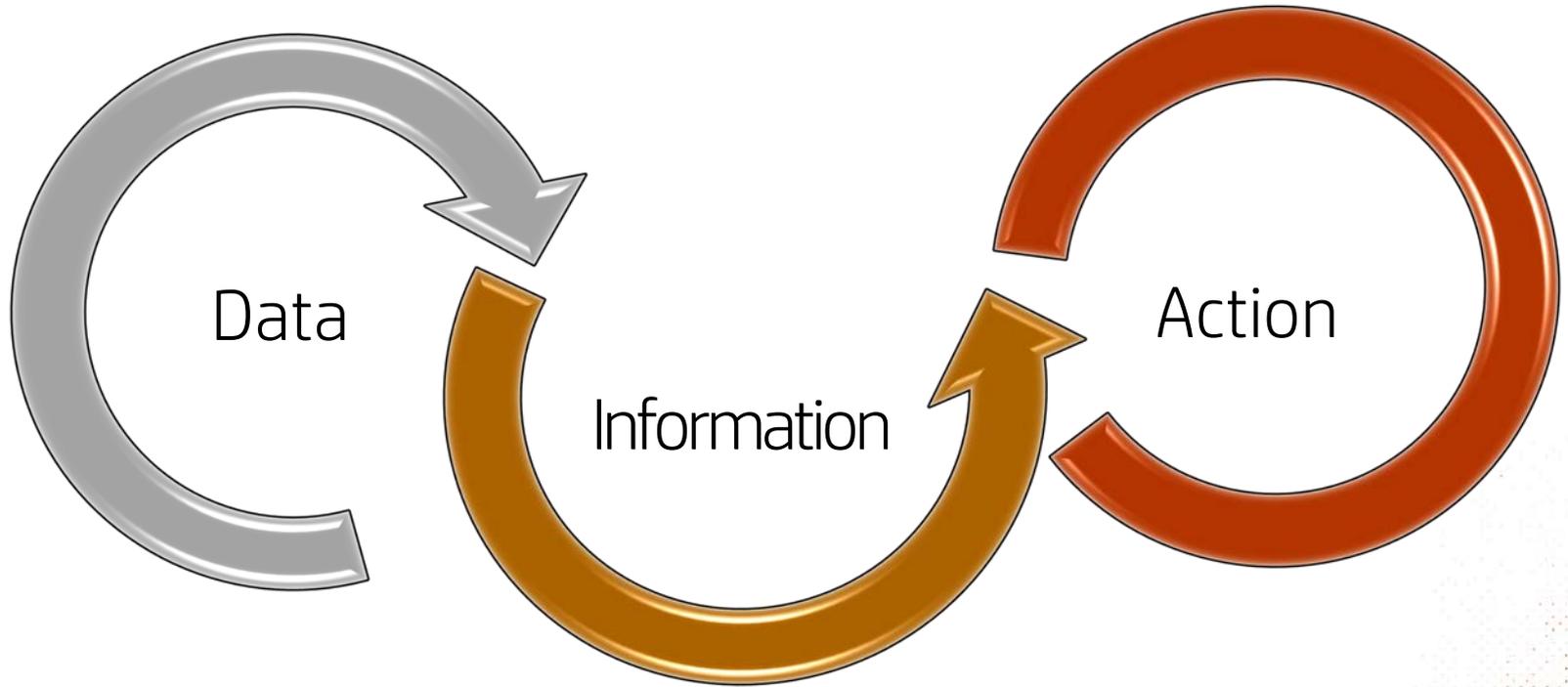
Our Culture:  
Positive Youth Development

Management System

whether desired outcomes are achieved and develop improvement plans as needed.

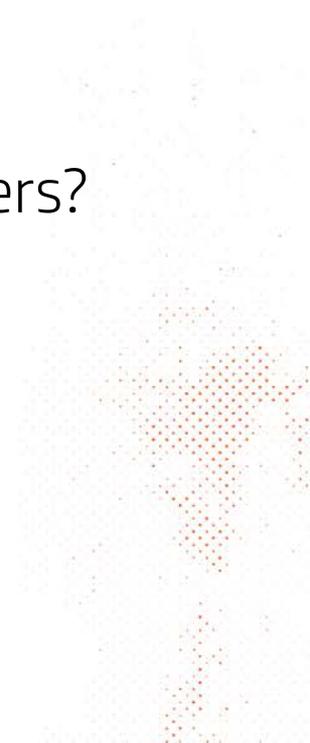
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# Data Value Stream



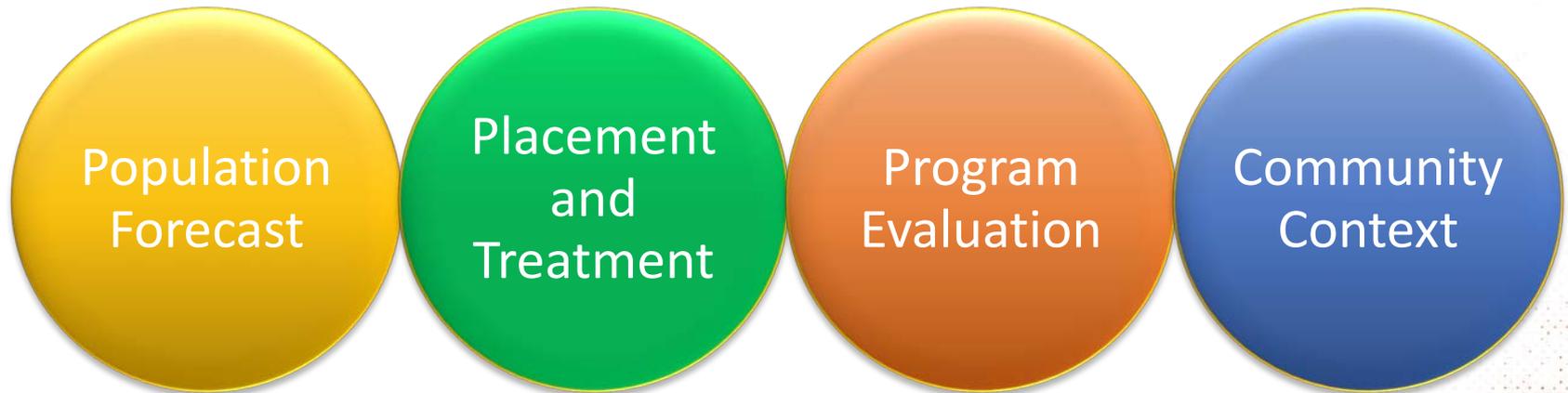


## Driving Questions

1. Who are we working with?
  2. How can we maximize limited resources?
  3. How can we increase effectiveness?
  4. How can we engage our partners and stakeholders?
- 

# Youth Reformation System

## Four key components of YRS



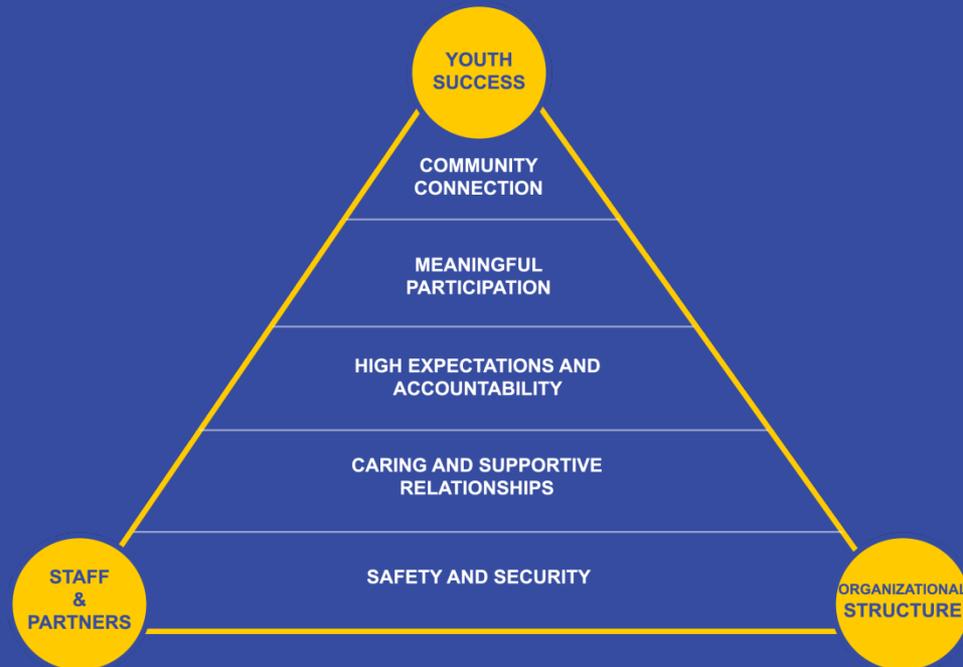
Right youth, right placement, right services and interventions, for the right length of time, right outcomes, with the right transition supports



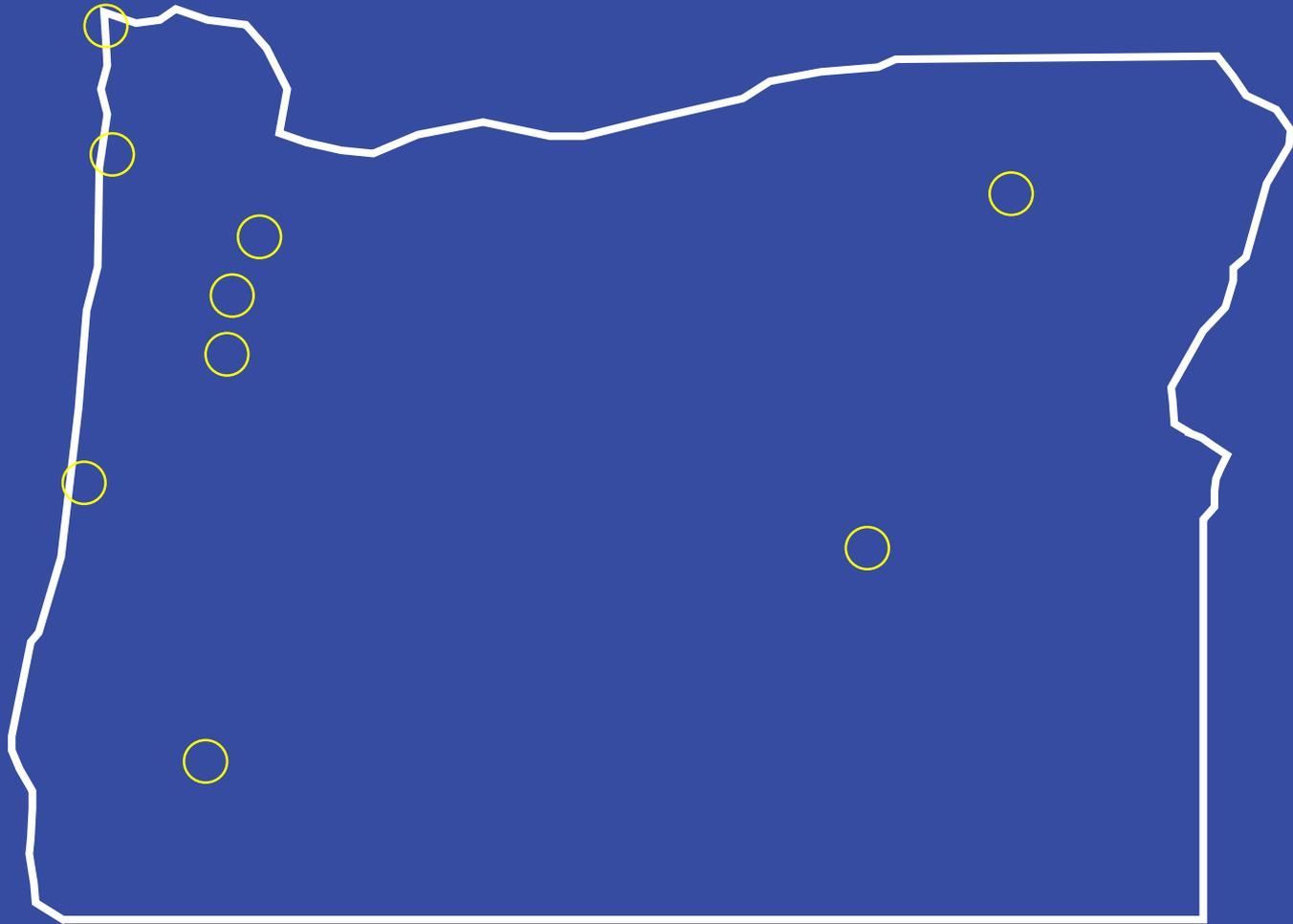
## YRS Tools

- ORRA
  - Typologies
  - Predicted Success Rates
    - Predicts the likelihood a youth will be successful in specific environments
    - Success= not recidivating with a felony conviction or adjudication within 36 months
  - Escalation to OYA
- 

# What does Positive Human Development mean for buildings?



# State-wide Master Planning



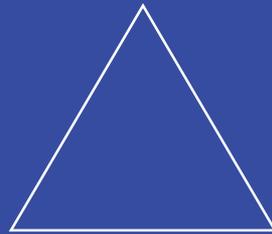
# Master Planning



# Site Master Plan Phase 1



# Best Practice





# Operational

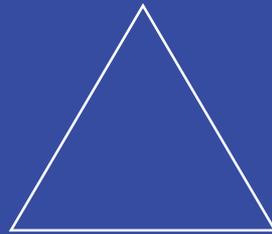
- Placement Based on Objective Risk Assessment
  - Structured Decision Making for Placement and Classification
  - Identify Behavior Characteristics, Service Needs and Requirements for Separation
  - Programming Responsive to Individual Risks and Needs
  - Provide Programming Responsive to Special Needs Population
  - Extensive Program Opportunities (Education, Recreation, and Visiting)
  - Structured Daily Routine
  - Behavior Management is the Basis of Safety and Security
  - Maximize Staff Supervision of Youth
- 



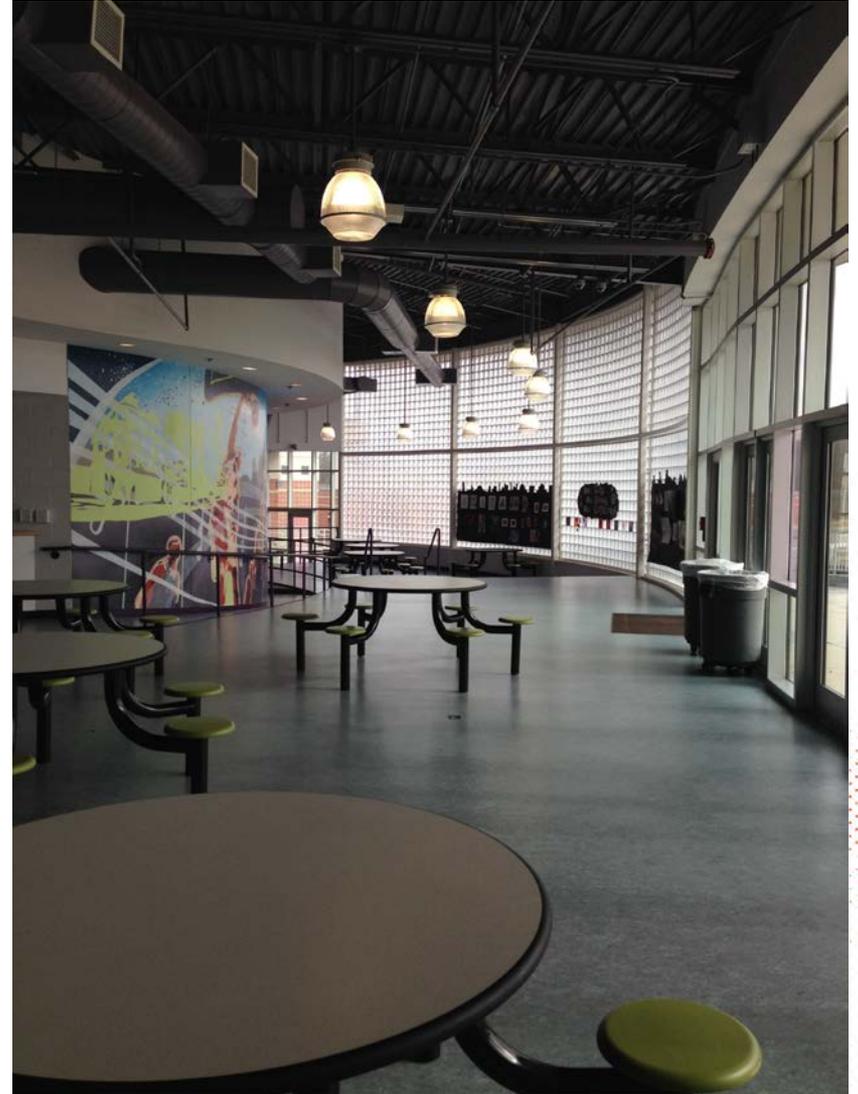
# Physical Plant

- Housing Arranged in Groups for Shared Services & Staffing Efficiency
  - Small Housing Units (8-16 Residents) Result in Improved Safety & Management
  - Single-Occupancy Sleeping Rooms
  - Single-Level Housing Units
  - Access to Natural Light
  - Normative Environmental Character
  - Open Dayroom w/ Contiguous Sleeping Rooms (Improved Supervision)
  - Single-User Showers/Toilet Rooms (1 per 8 Residents)
  - On-Unit Housing Activities (Counseling, Homework, Passive Recreation for Program Flexibility)
  - Access to Indoor and Outdoor Recreation Space
  - Flexibility – Changing Program and Service Needs
  - Incorporate National Standards
  - Master Plan and Design to Accommodate Future Expansion
- 

# Design Process



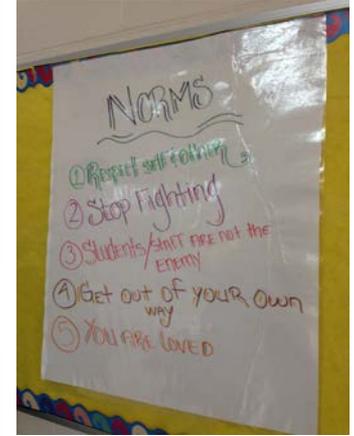
# Laurel, MD - New Beginnings



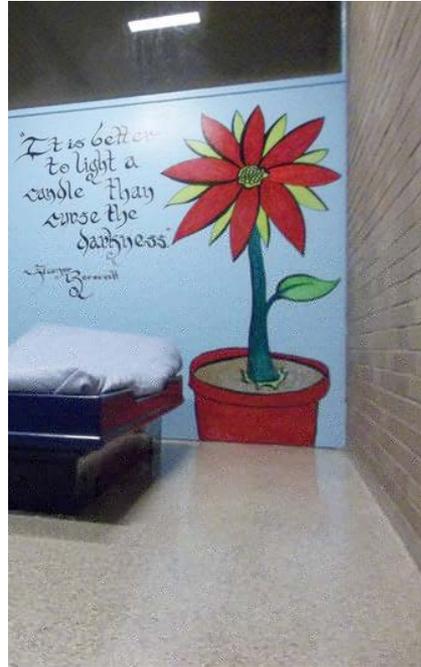
# Manchester, NH – Sununu Youth Services



# Watkins, CO – Ridge View South Services Center



# Visioning



# Visioning

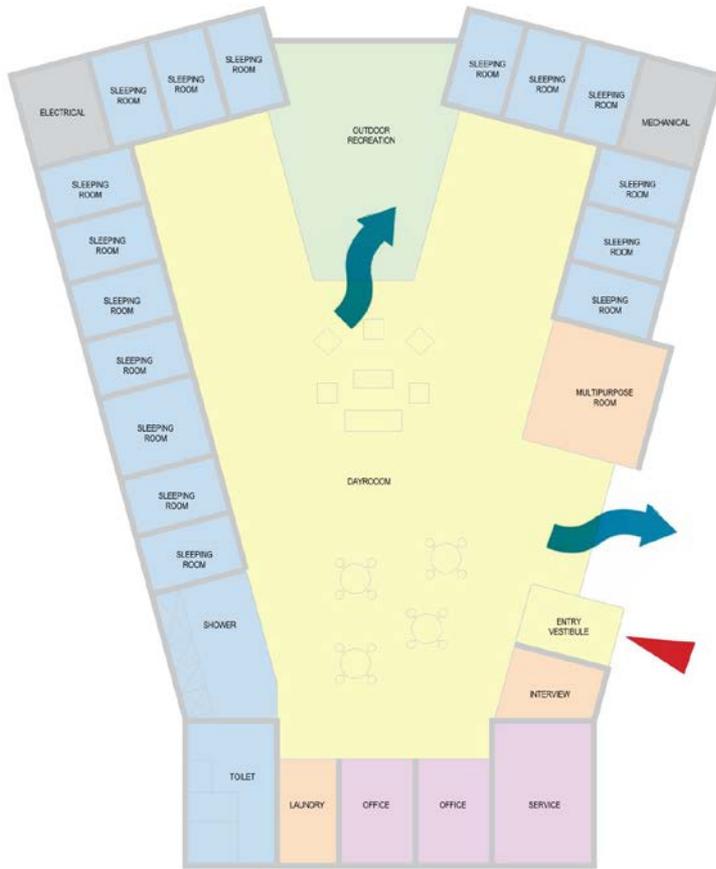


# Plan Iterations

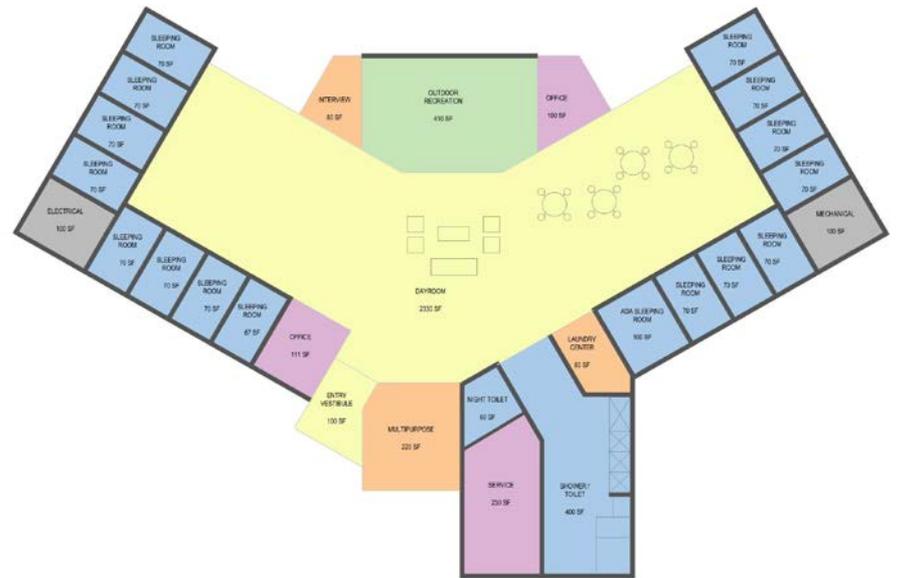
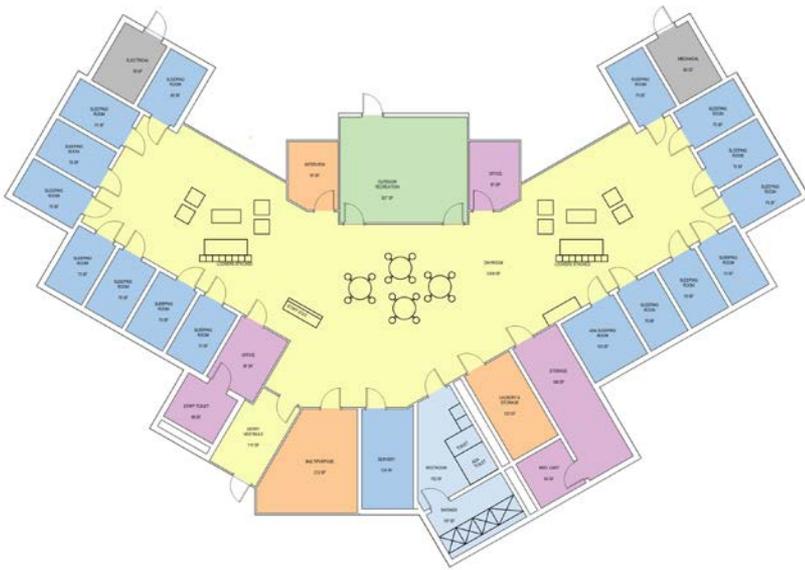


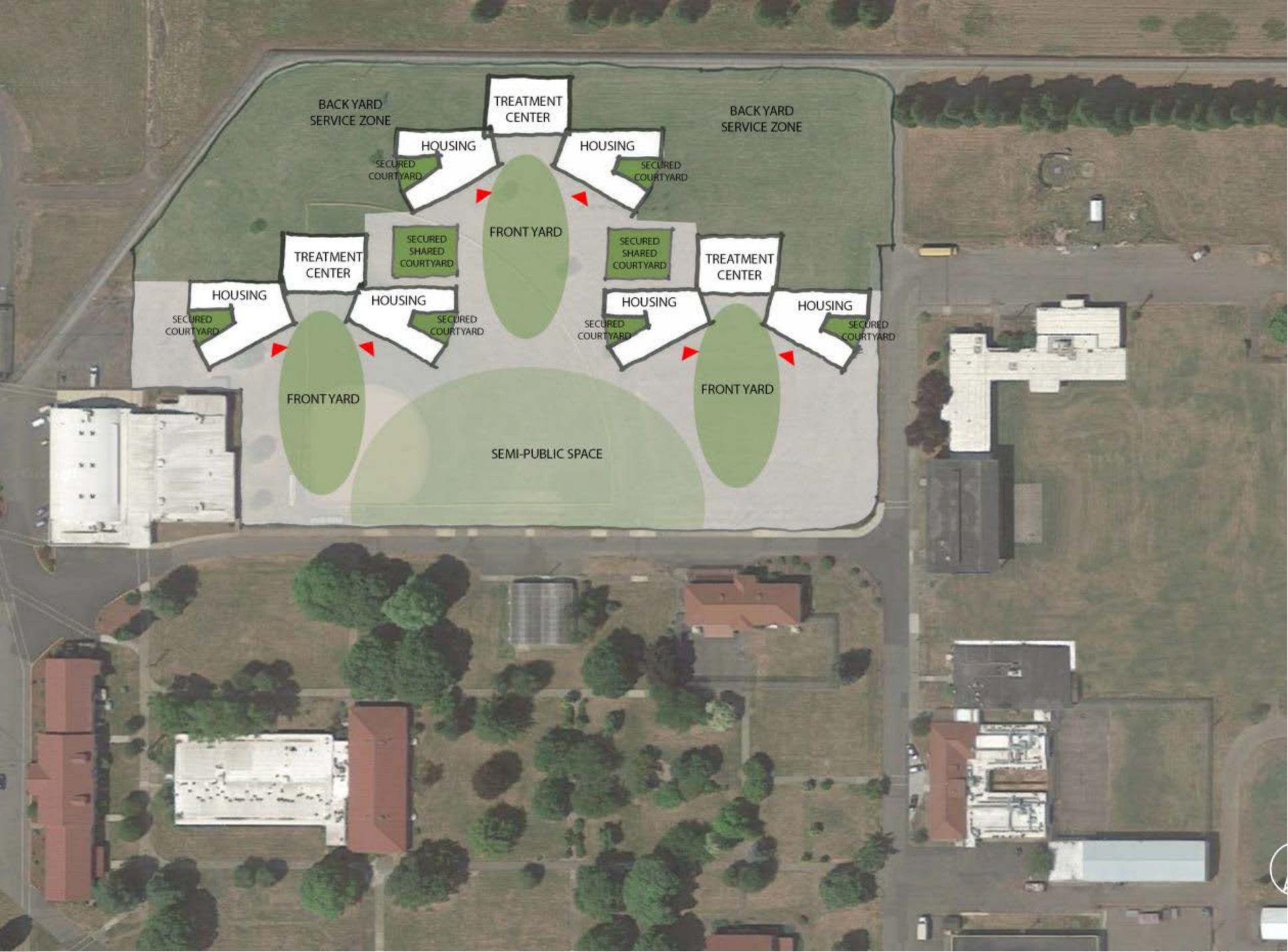
GROSS BUILDING FLOOR AREA 533 SF

# Plan Iterations



# Plan Iterations





BACKYARD SERVICE ZONE

TREATMENT CENTER

BACKYARD SERVICE ZONE

HOUSING

HOUSING

SECURED COURTYARD

SECURED COURTYARD

FRONT YARD

TREATMENT CENTER

SECURED SHARED COURTYARD

SECURED SHARED COURTYARD

TREATMENT CENTER

HOUSING

HOUSING

SECURED COURTYARD

SECURED COURTYARD

SECURED COURTYARD

HOUSING

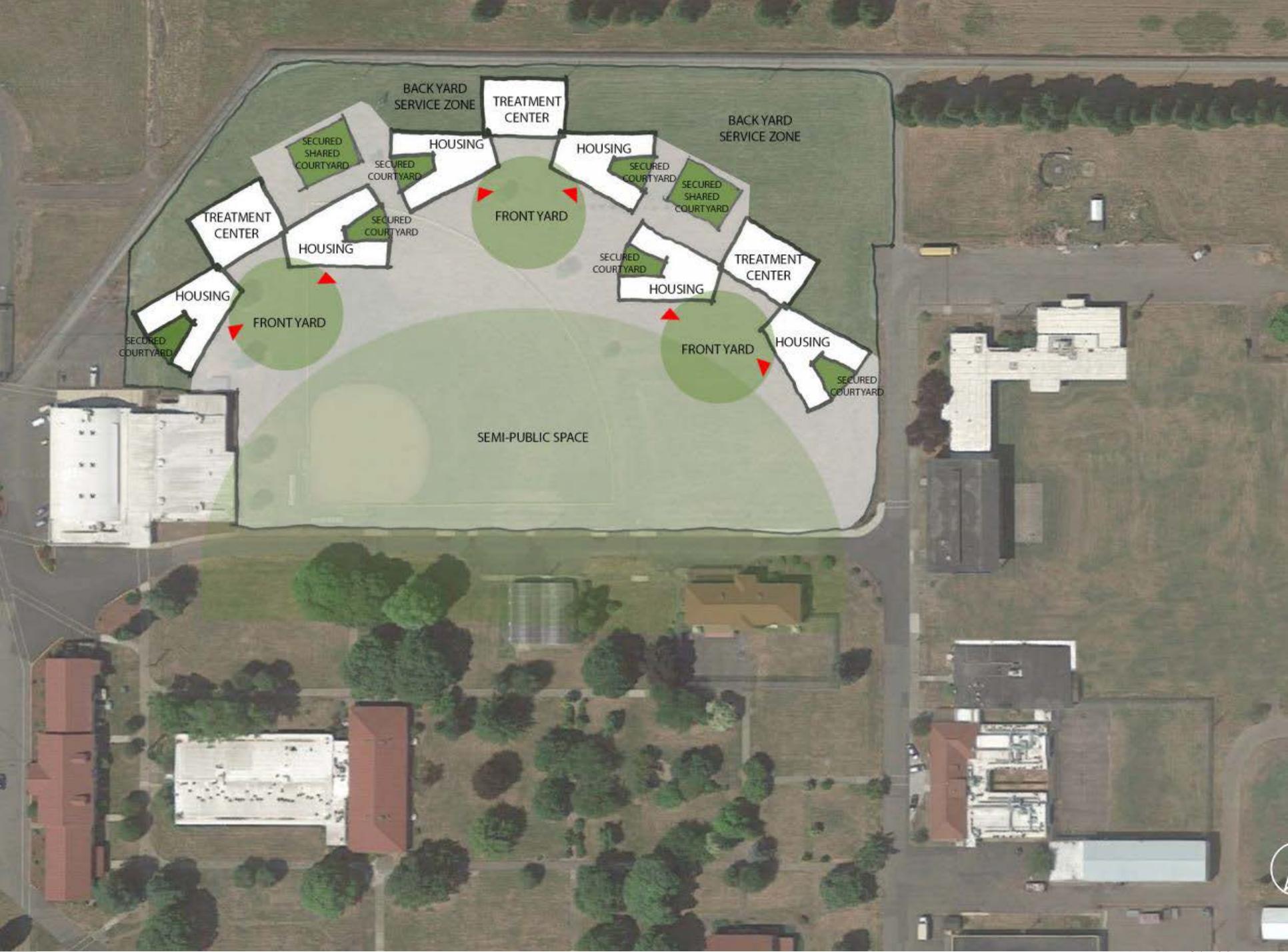
HOUSING

SECURED COURTYARD

FRONT YARD

SEMI-PUBLIC SPACE

FRONT YARD



BACK YARD SERVICE ZONE

TREATMENT CENTER

BACK YARD SERVICE ZONE

SECURED SHARED COURTYARD

HOUSING

HOUSING

SECURED COURTYARD

SECURED SHARED COURTYARD

TREATMENT CENTER

FRONT YARD

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HOUSING

SECURED COURTYARD

TREATMENT CENTER

HOUSING

FRONT YARD

SECURED COURTYARD

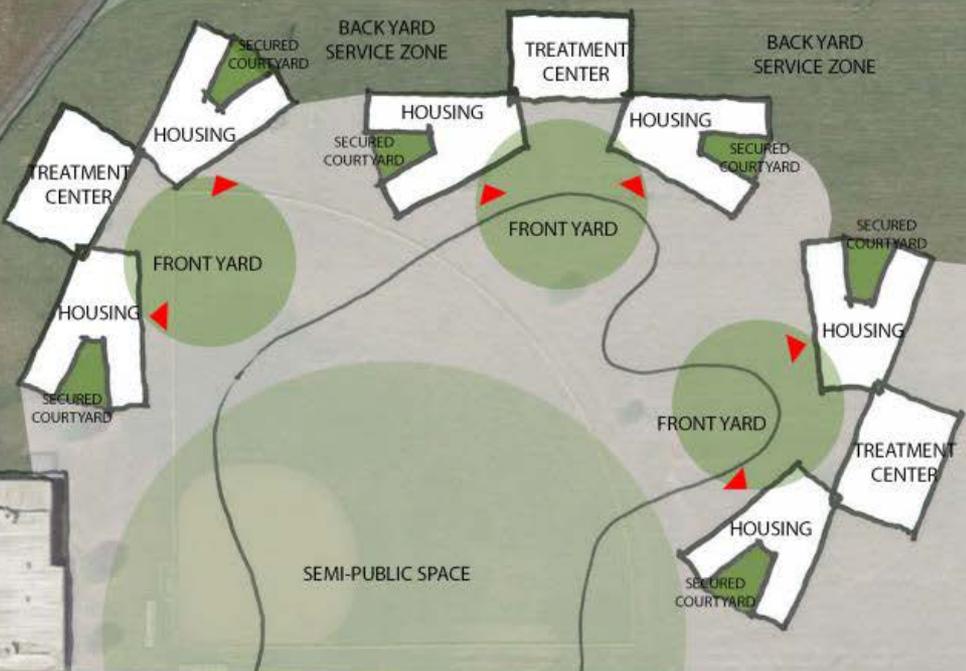
HOUSING

FRONT YARD

HOUSING

SECURED COURTYARD

SEMI-PUBLIC SPACE



TREATMENT CENTER

HOUSING

BACKYARD SERVICE ZONE

HOUSING

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HOUSING

BACKYARD SERVICE ZONE

FRONT YARD

FRONT YARD

HOUSING

SECURED COURTYARD

HOUSING

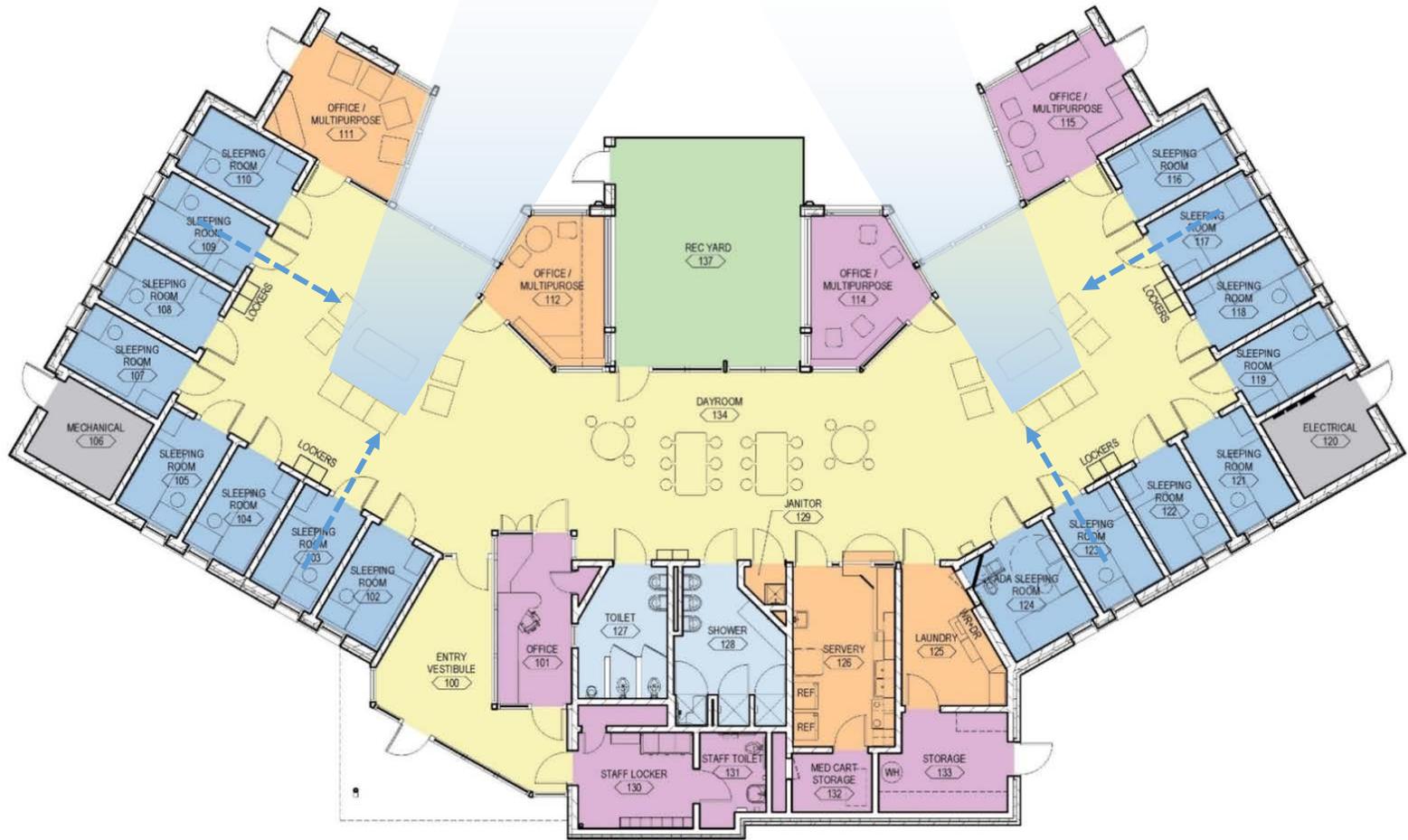
FRONT YARD

TREATMENT CENTER

SEMI-PUBLIC SPACE

HOUSING

SECURED COURTYARD



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1 100







COLOR PALETTE STUDY



MATERIAL / COLOR STUDY TO PERSONALIZE EACH HOUSING UNIT



#### EXTERIOR WOOD AND METAL OPTIONS

1. AEP Span NU Wave Corrugated Metal
2. AEP Span color chips
3. AEP Span HR-36 Metal Profile
4. Nichiha Fiber Cement; Architectural Block (smooth face); various colors
5. Nichiha Fiber Cement; VintageWood; various colors
6. EcoClad; resin composite; wood pattern; walnut and maple shown
7. Longboard Aluminum Soffit & Siding
8. GypSorb; Acoustic GWB; 8/12/50
9. Nichiha Fiber Cement; Metal Panel; various colors
10. Nichiha Fiber Cement; NichiBoard; various colors

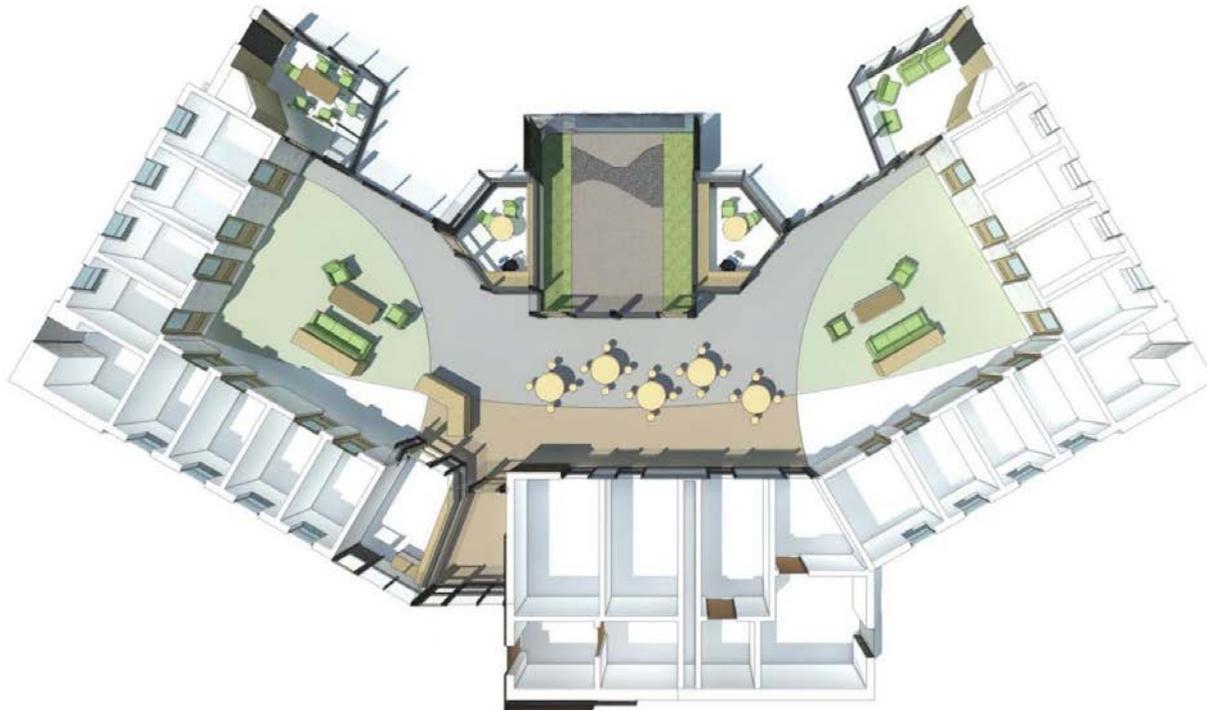




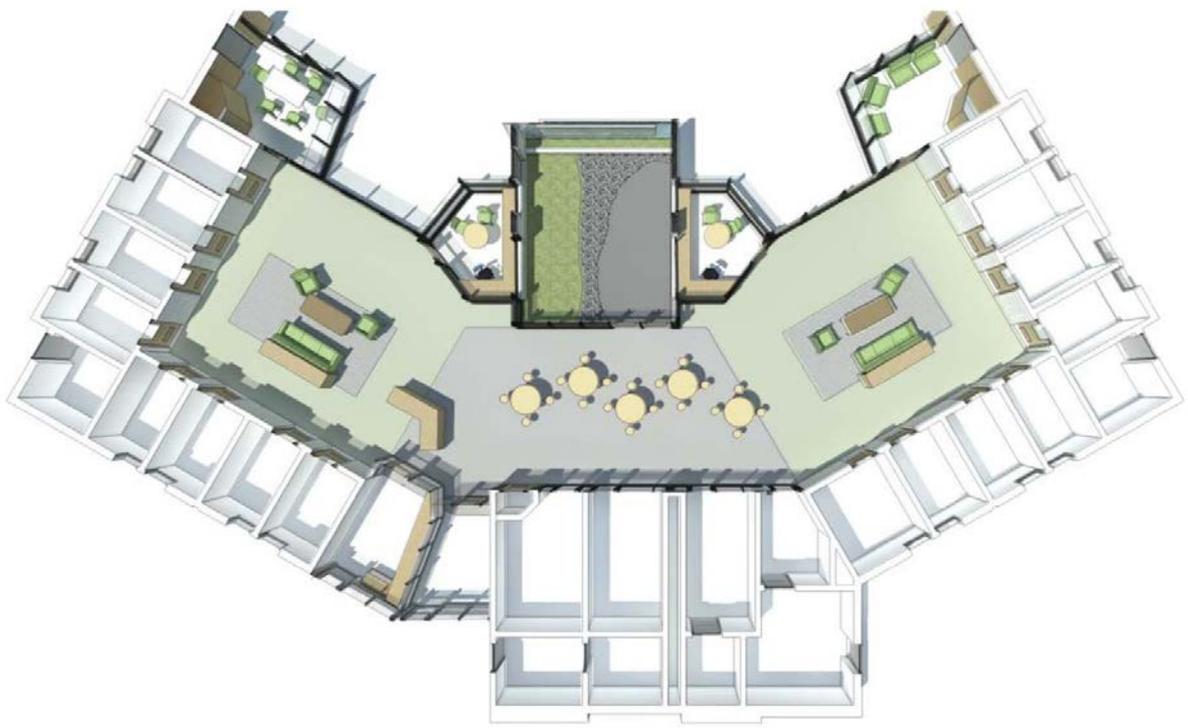


















FRONT ELEVATION

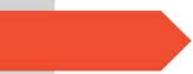


SIDE ELEVATION

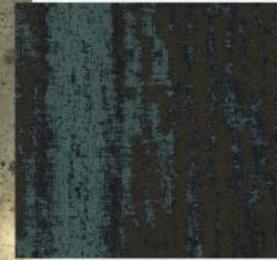
SIDE ELEVATION



REAR ELEVATION



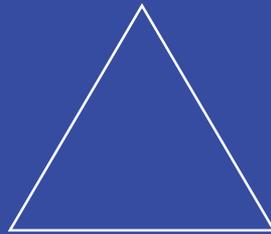
# Materials







# Environmental Graphics





## PURPOSE & GOALS

Shaping the Identity

Reinforcing Common Values

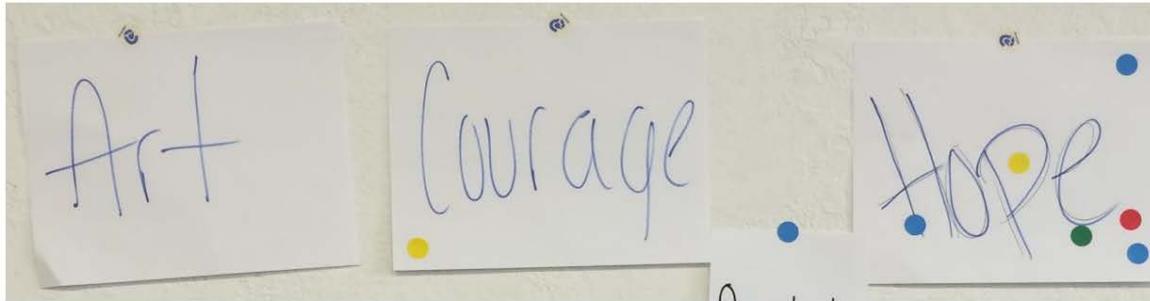
Individual experiences

Finding shared values & meaning



## Identity Workshop Recap

- Soothing & relaxing
- Hope for the future



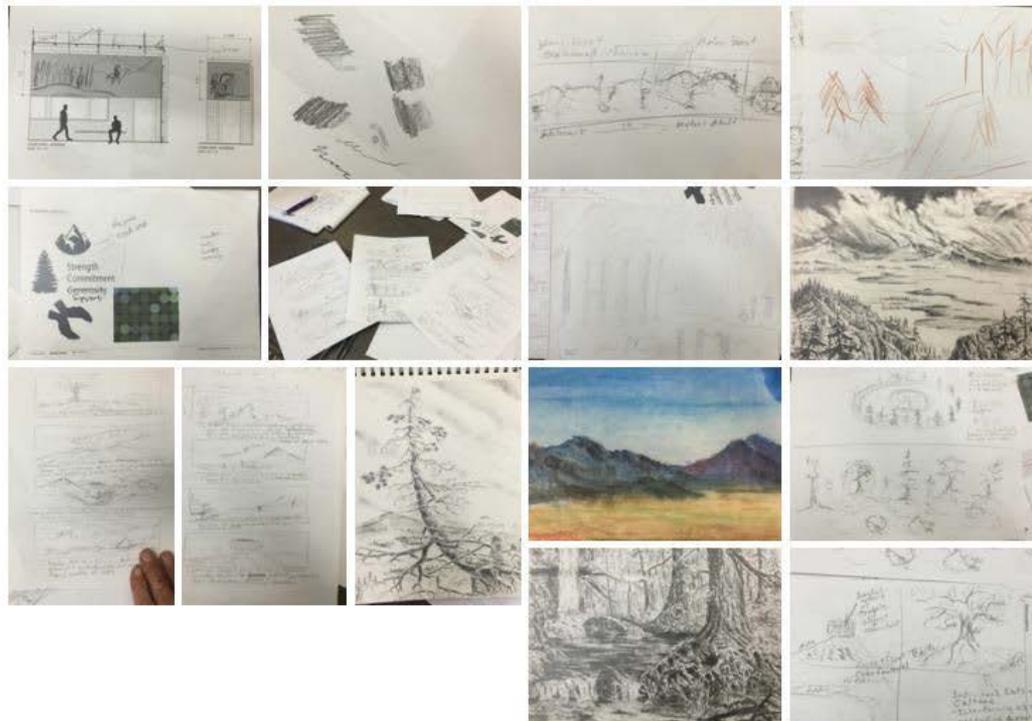
## Identity Workshop Recap

- One thing can impact the course of your life
- Hope impacts its surroundings



# Strength & Commitment

Bryant Campbell, **James Colvin**,  
Roderick Edwards, Izzy Salinas, Alex,  
**London, Billy**



## Themes

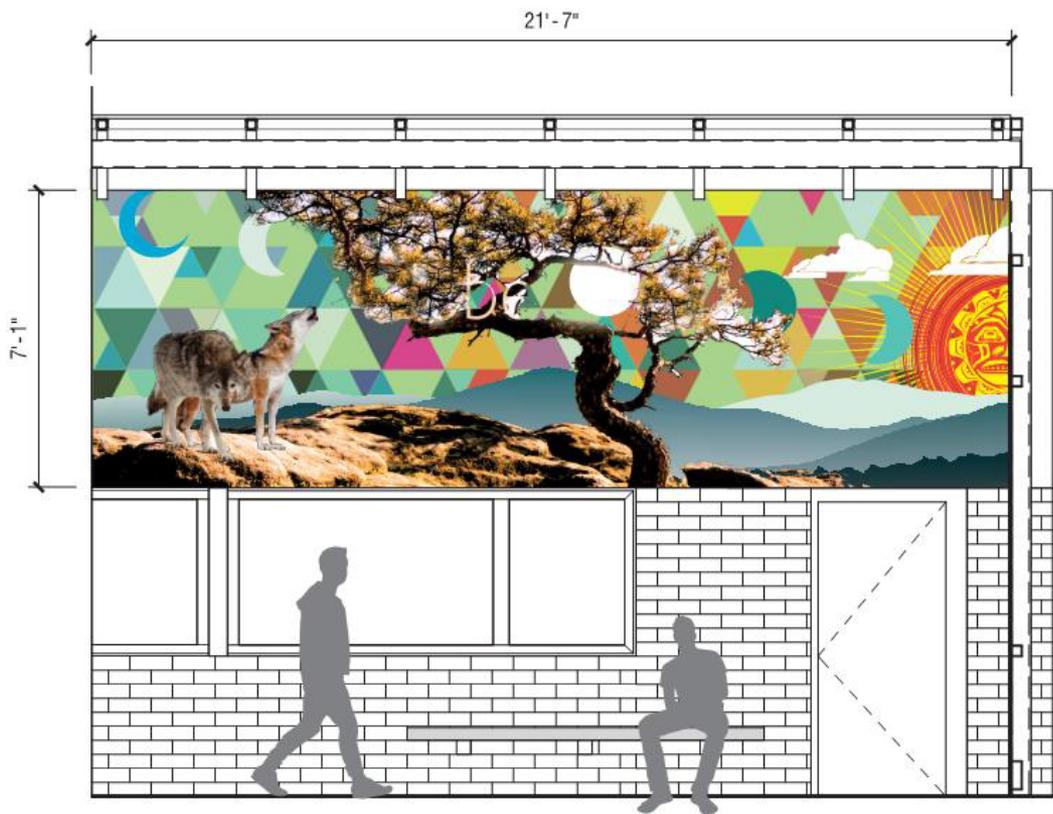
### Merging

- Boats - Different canoes representing various cultures
- Different types of fish committing to face various obstacles
- Various tributaries joining one river

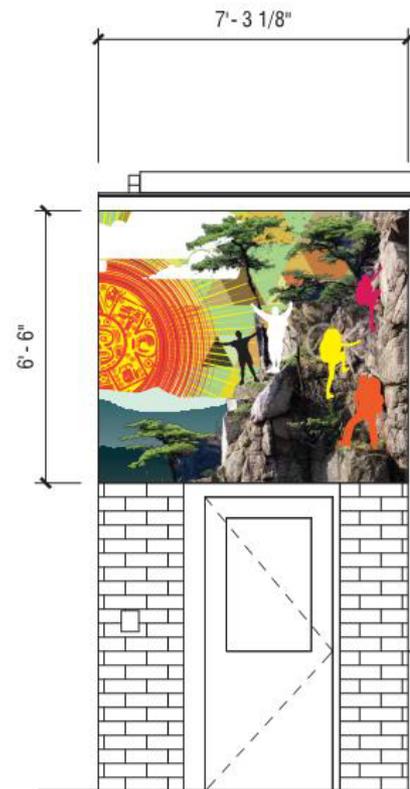
### Passage of Time

- Timelines
- Adolescence to Adulthood
- Seasons
- Forest / Growth
- Maturity
  
- Wolf
- Bear
- Panda
- Barriers
- Diversity

# Commitment

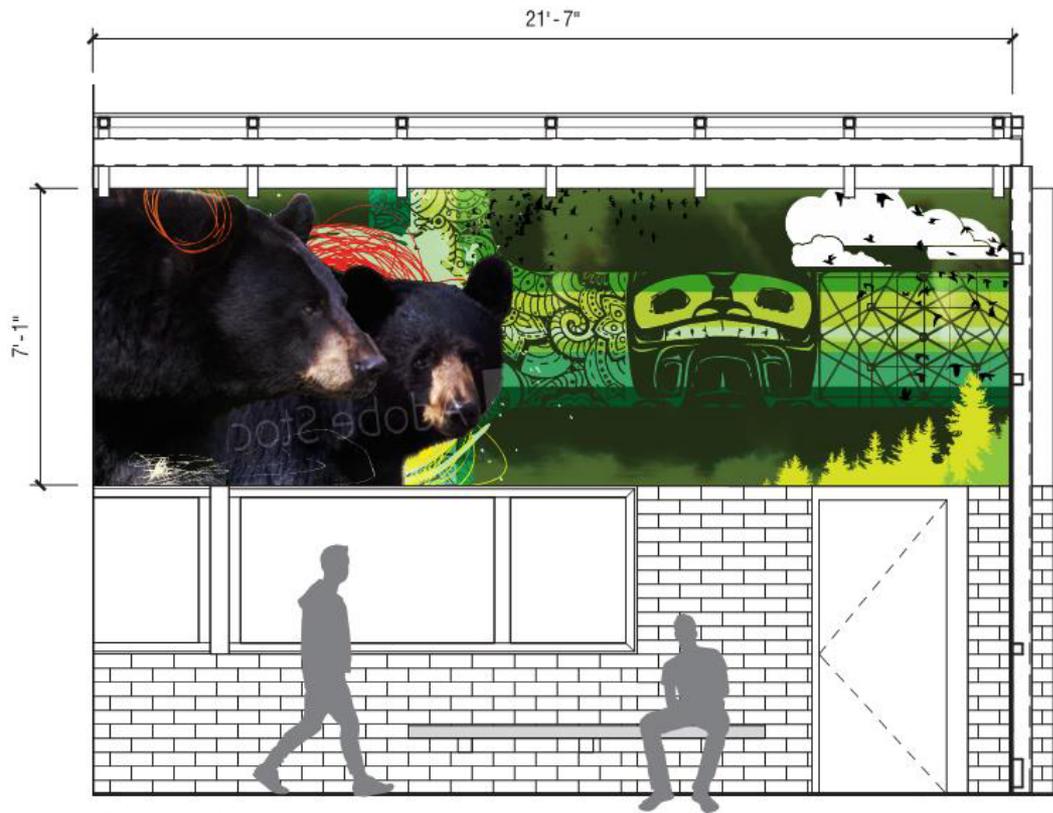


COURTYARD - INTERIOR  
SCALE: 1/4" = 1'-0"

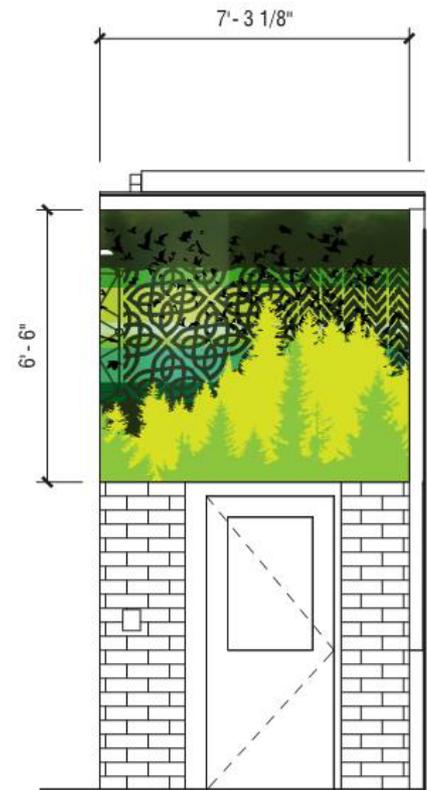


COURTYARD - EXTERIOR  
SCALE: 1/4" = 1'-0"

# Strength



SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"

# Respect & Courage

Tyann Etzel, Griselda Solano-Salinas,  
Arnulfo Torres-Rivera, Nicole Haralson,  
Gustavo, Justin



## Themes

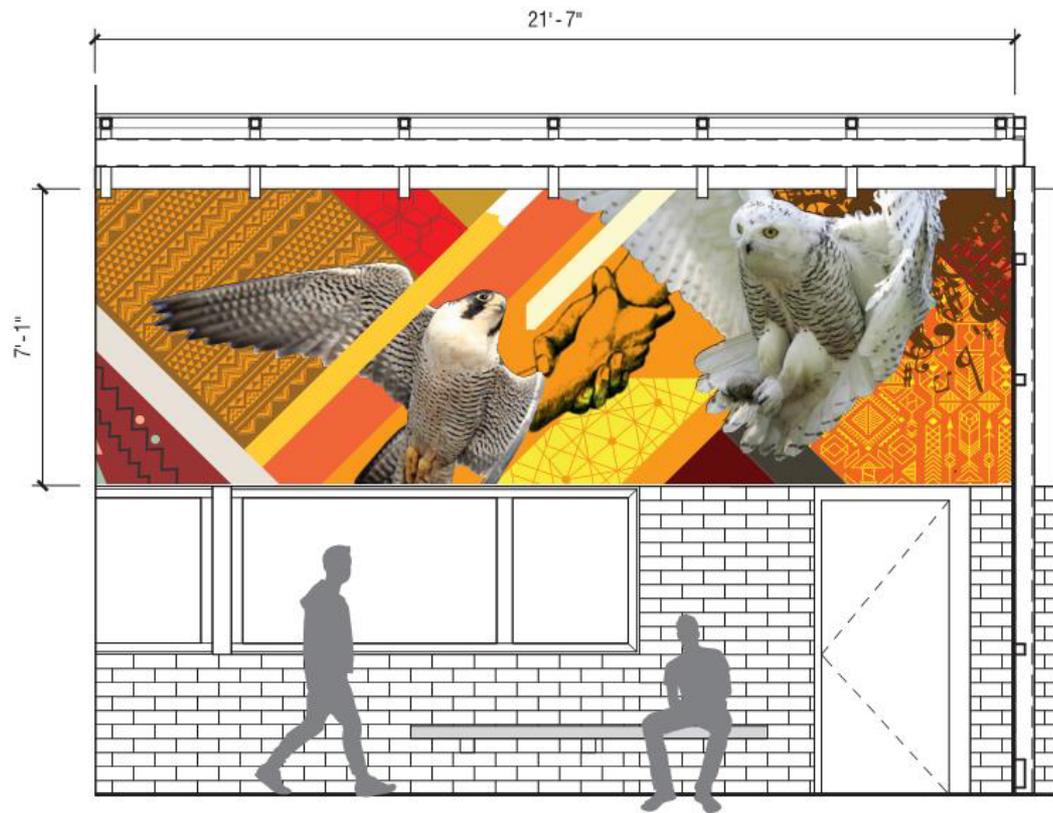
Strong / Bold Visuals

- Equinox
- Pyramids
- Eye Imagery
- Sacred Geometry

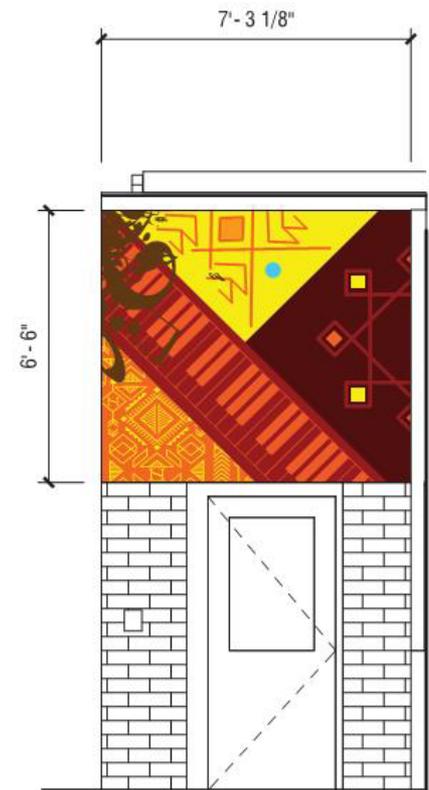
## Patterns

- Latin
- Samoan
  
- Connecting with nature
- Eagle - MacLaren / Hispanic
- Owl & Hawk Imagery
- First flight
- Bridges - Connections

# Respect

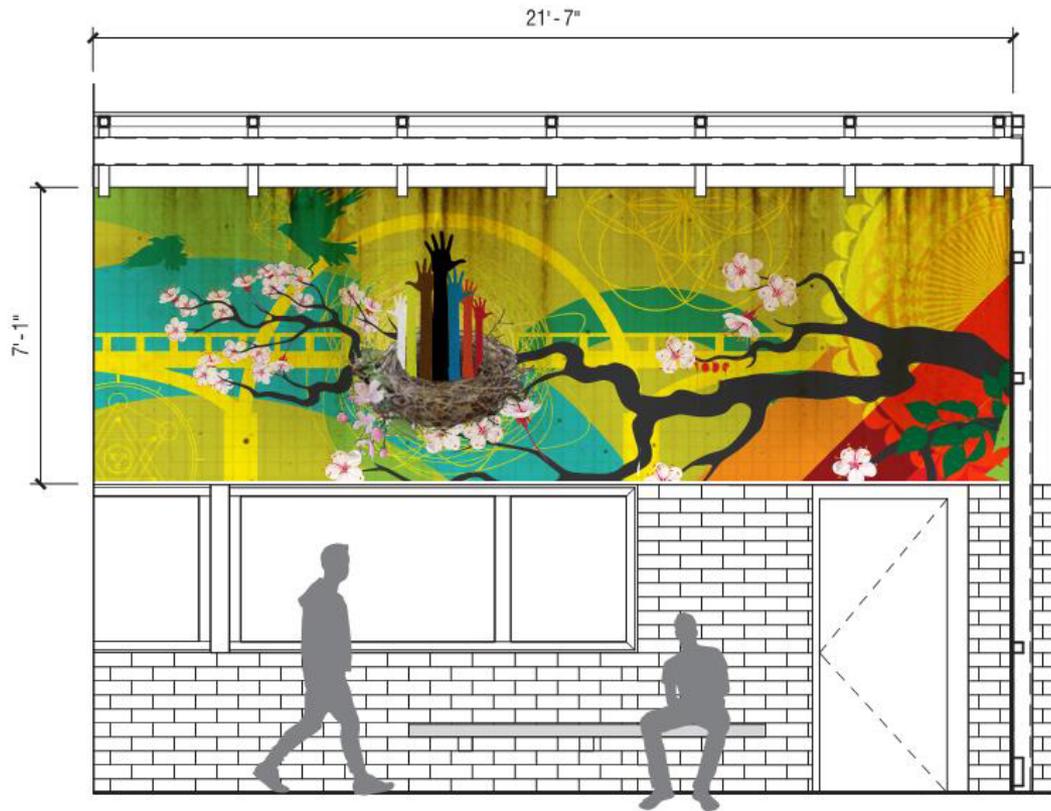


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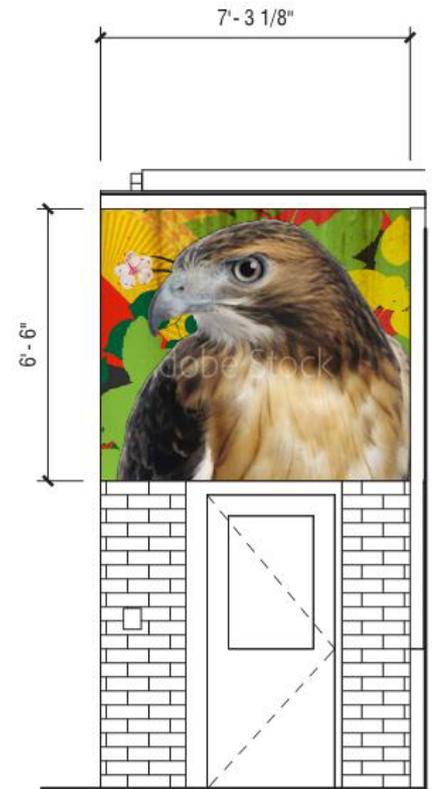


COURTYARD - EXTERIOR  
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# Courage



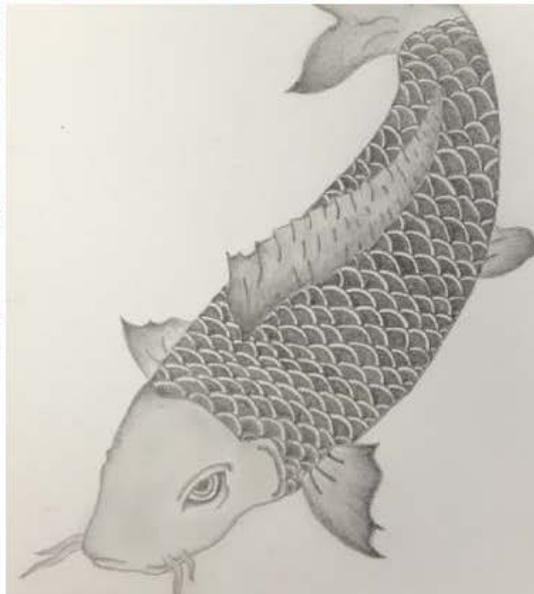
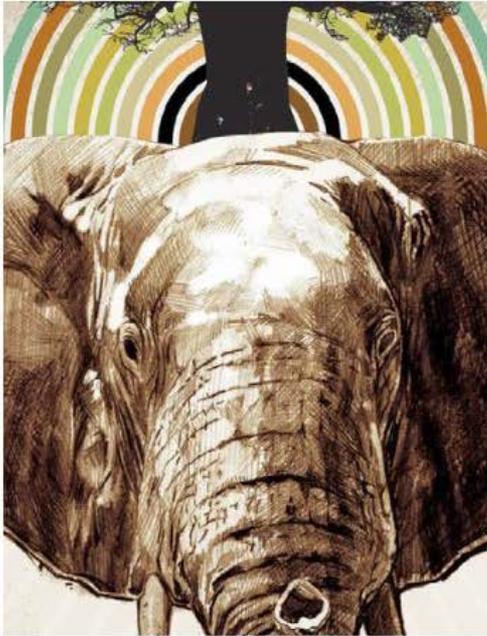
COURTYARD - INTERIOR  
SCALE: 1/4" = 1'-0"



COURTYARD - EXTERIOR  
SCALE: 1/4" = 1'-0"

# Honor & Integrity

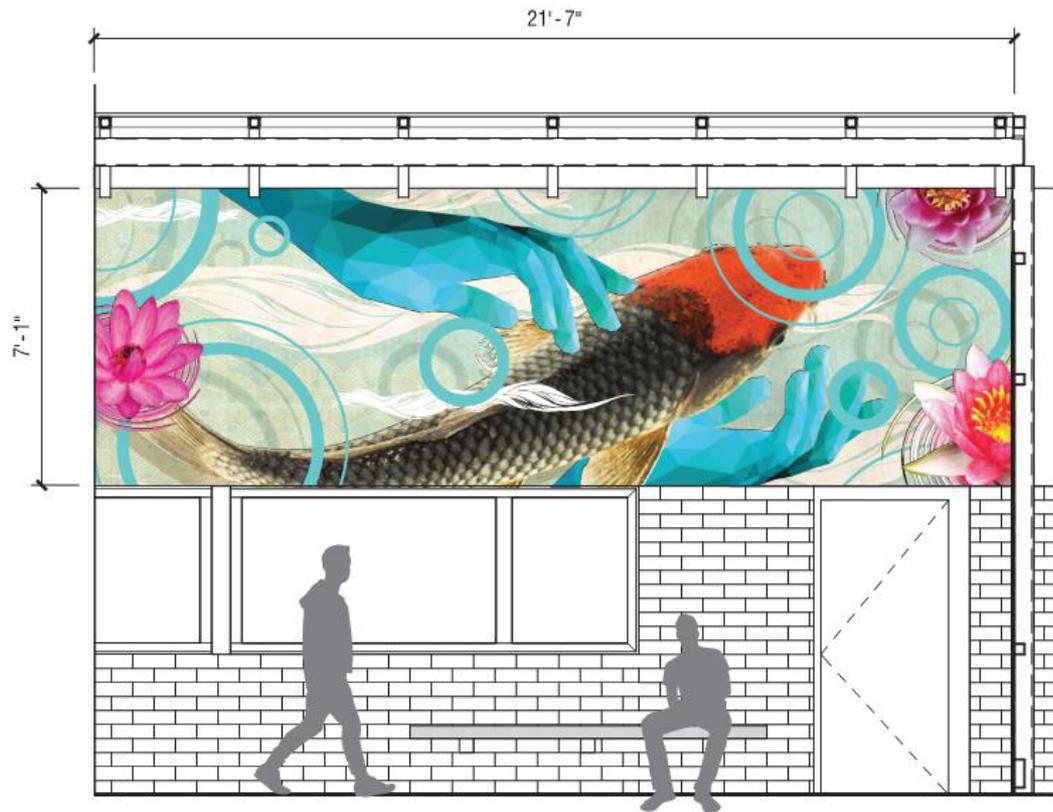
Rolando Ramirez, **Anne May**,  
Pauli Blamont, **Chris, Adam**



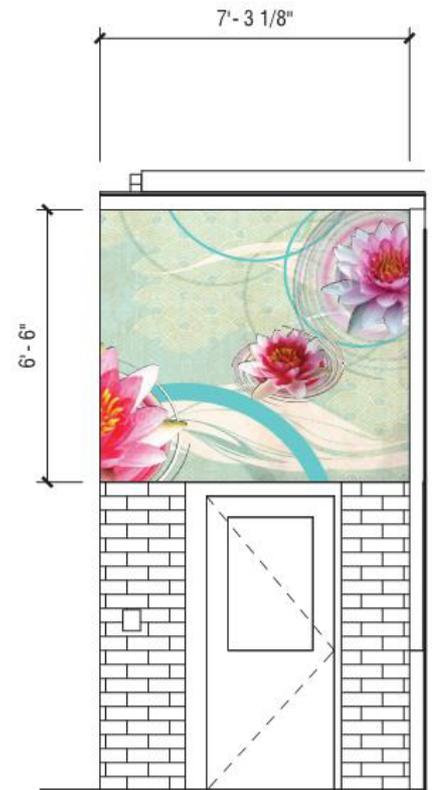
## Themes

- "Family" Roles
- Koi & Elephants - Community
- Going with the flow
- Determination
- Graphic Story - historic ruins
- Hindu element, elephants holding tails
- Totems
- Durability
- Arms, hands, embraced
- Water Ripples

# Honor

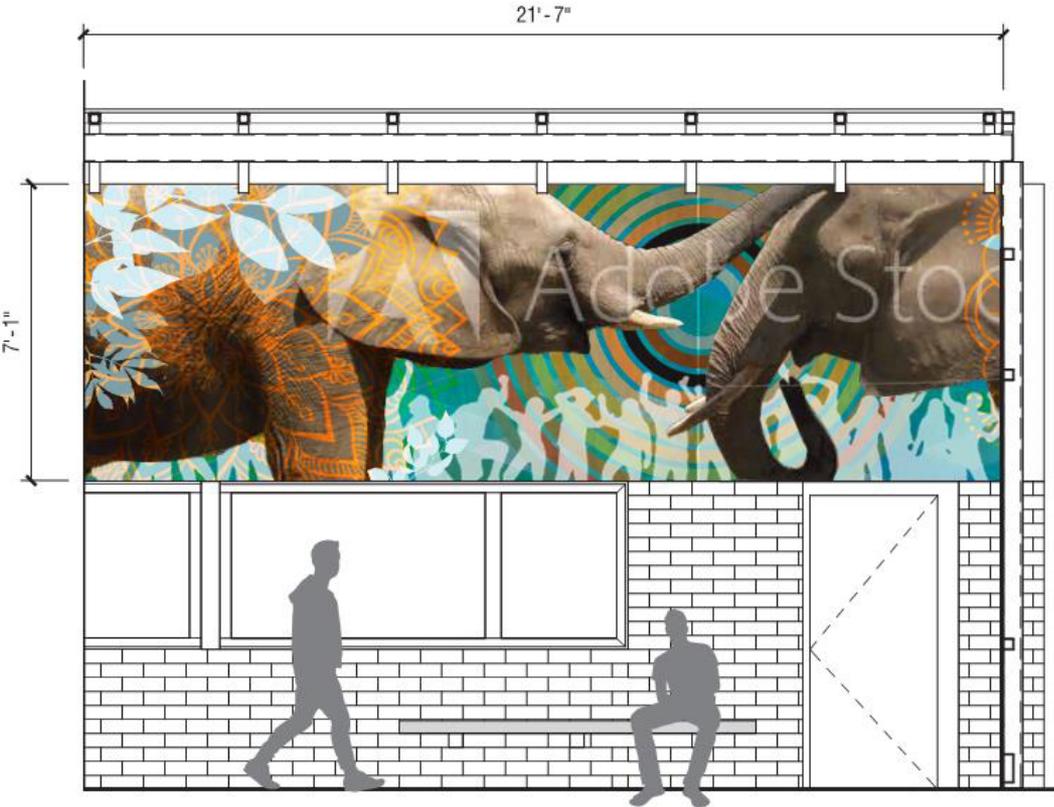


COURTYARD - INTERIOR  
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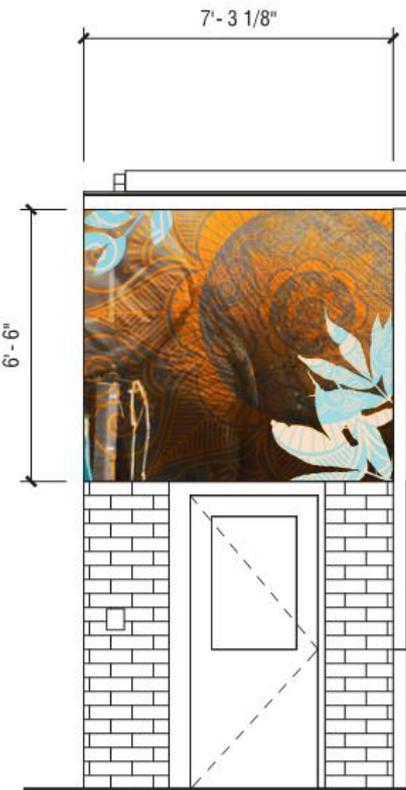


COURTYARD - EXTERIOR  
SCALE: 1/4" = 1'-0"

# Integrity



COURTYARD - INTERIOR  
SCALE: 1/4" = 1'-0"



COURTYARD - EXTERIOR  
SCALE: 1/4" = 1'-0"

**OREGON YOUTH AUTHORITY**  
**NEW HOUSING UNITS**

JUNE 2016

Conversation.

