# Miami County Job and Family Services Renovation

LEVIN PORTER



# Why Levin Porter Team?

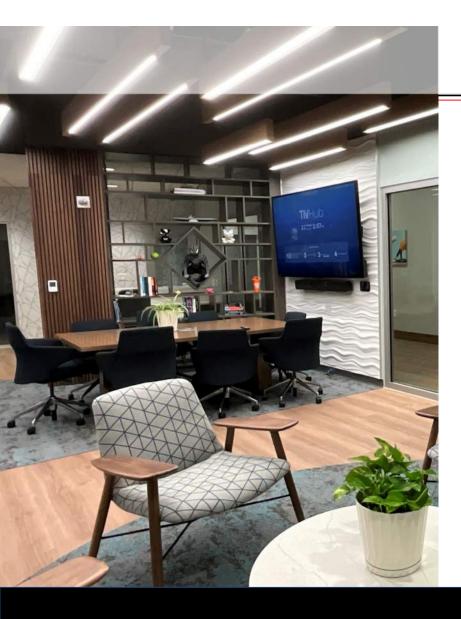
## LOCAL – LONG TERM ACCOUNTABILITY

60 years in Miami County Past Performance <u>WORKING **WITH** YOU</u>

> Listening – Engaging - Collaborating Guidance in Best Practices

## **SOLUTIONS**

Modern Office Specific Solutions that Reflect Values



# Topics

01 Design Team Overview
 02 Working Together
 Preliminary Planning
 Approval and Funding
 Execution
 03 Q+A

# Design Team Overview

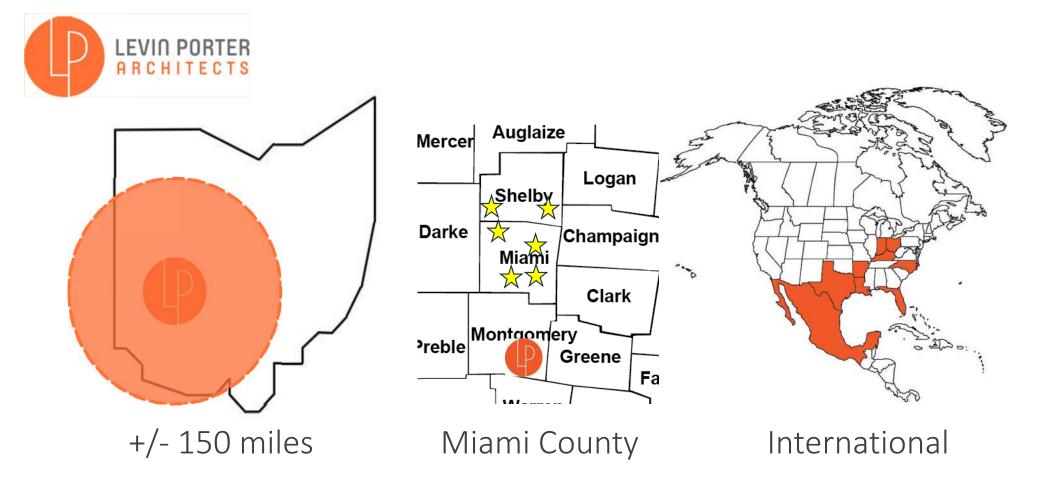
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# Office Information

- Founded 1960
- Staff of 12-14 Employees
  - Architecture Interior Design Planning
    - 12 Projects for Miami County
- Current Major Projects at Neighboring Counties
  - Auglaize County
  - Montgomery County
  - Hamilton County

# Areas Served





# Design Team | Current County And Public Experience

#### **Auglaize County**

Jail Renovation and Expansion

#### **City of Centerville**

**Stubbs Park Renovations** 

#### **City of Hamilton**

Justice Center

#### **City of Miamisburg**

Pipestone Golf Clubhouse Police Renovation

#### Montgomery County, Ohio

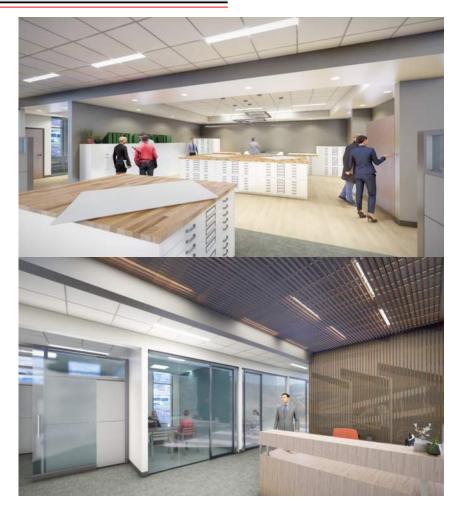
Montgomery County – Administration Building – 7<sup>th</sup> Floor Offices Montgomery County Jail Space Analysis & Study Montgomery County Jail – Addition & Renovation Montgomery County Jail – Miscellaneous Renovations Montgomery County Jail – Stepdown Unit Needs Assessment

#### Miami County, Ohio

Miami County Jail Study

#### **Washington Township**

Maintenance Facility Sherriff Office Renovations Administration Building Renovations



## **Design Team** | Levin Porter Architects





Mark Wiseman Principal In Charge 33 yrs. Matt Franklin Project Design Lead 23 yrs. DAY TO DAY CONTACT



Architect

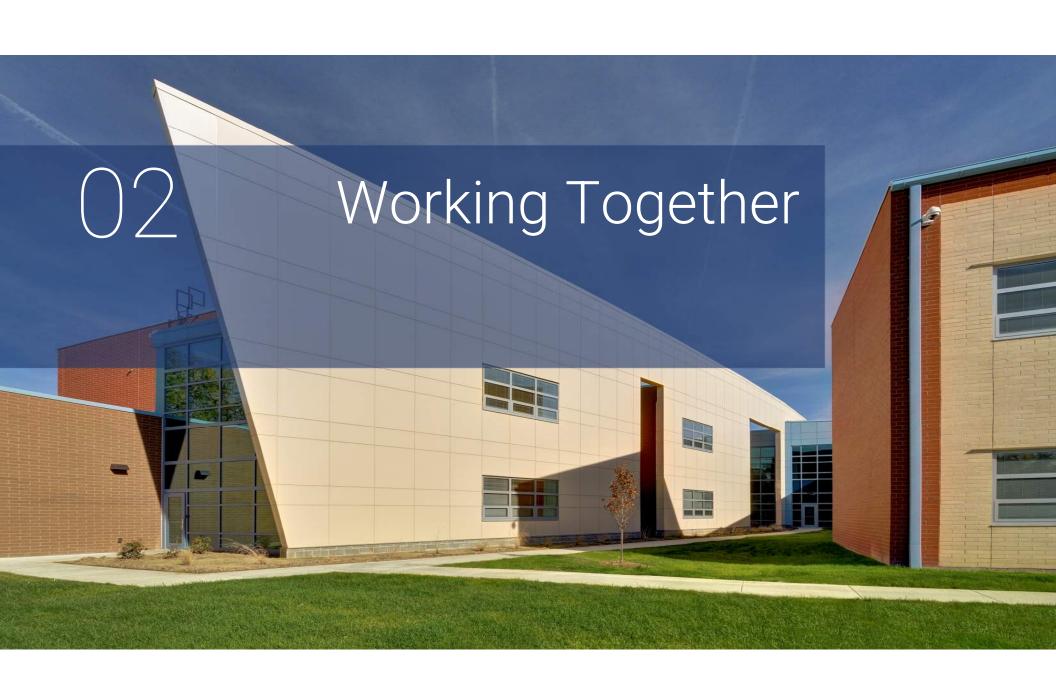
20 yrs.



Jeff Zelinski MEP Engineer 32 yrs. **Design Team Approach** 

Senior Leaders Experience

**Team Experience** 8 Architects – Average 25 years of Experience



## Working Together | Three Phase Collaborative Process

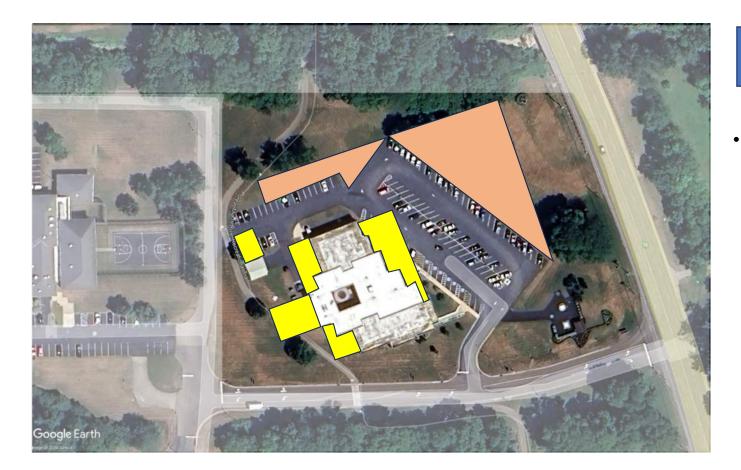


- Energy Analysis and Strategy
- Identify Phasing
- Prepare for Trustee Presentation

## Working Together | Three Phase Collaborative Process



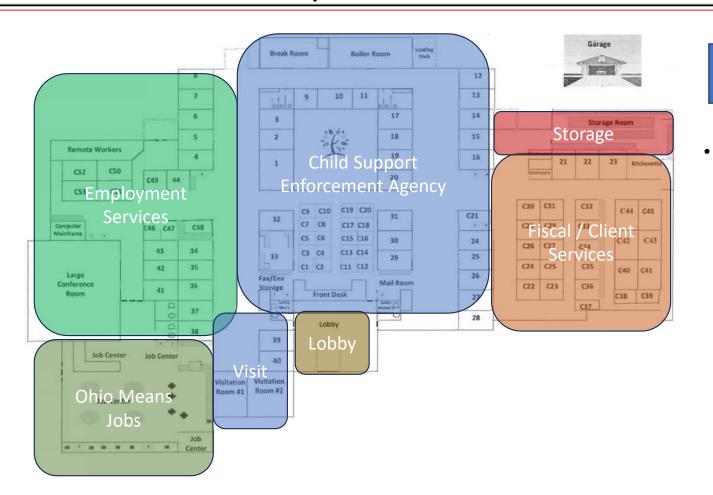
- Identify Phasing
- Prepare for Trustee Presentation



Preliminary Planning Phase 2 – 3 Months

1

- **EXPANSION OPPORTUNITIES** 
  - Building Expansion
    - Program
    - Storage
  - Bike Path
  - Parking Expansion
    - Limited by Site Boundaries

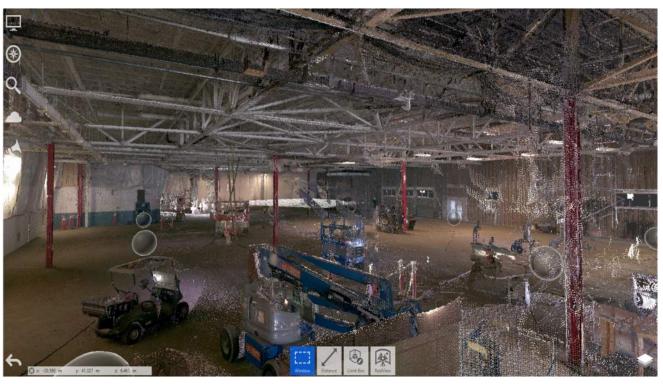


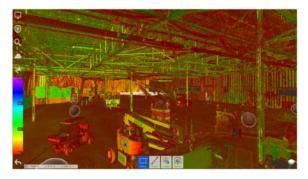
Preliminary Planning Phase 2 – 3 Months

- New Programming Challenges
  - Security / Entry Sequence
    - Public
    - Semi
    - Private
  - New Seats/Logical Expansion
  - Visitation Rooms and Style
  - Employee Amenities
  - Storage
    - Records
    - Backpacks, supplies

## **3d Scan Existing Building**

Preliminary Planning Phase 2 – 3 Months

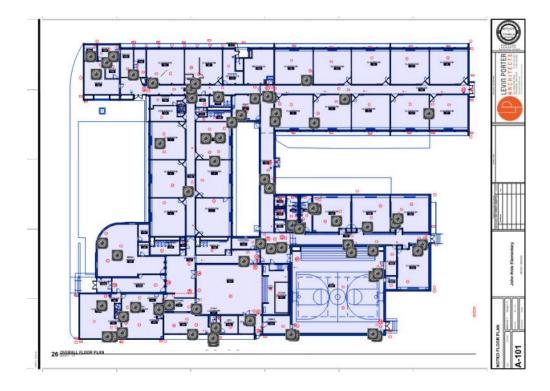






### **Existing Facility Evaluations/Assessments**

**Preliminary Planning Phase** 2 - 3 Months











### **Design Charrette**

ORGANIZED, SHARED EXPERIENCE

Collective understanding of Project Why's

Preliminary Planning Phase 2 – 3 Months

1





### **Stakeholder Meetings – Design Values**

#### DAYTON PHOENIX GROUP

CONTEMPORARY DESIGN CONCEPTS





Preliminary Planning Phase 2 – 3 Months

1



### **Office Design Trends**

**Preliminary Planning Phase** 2 - 3 Months

- Modes of Work Approach ٠
- Hybrid Workstations ٠
- Health and Safety Measures ٠
- Well Being ٠
- Technology ٠
- Collaboration ٠
- **Employee Centric** ٠
- Flexibility and Adaptability ٠
- **Sustainability** ٠

## **Design Strategy - Workplace**

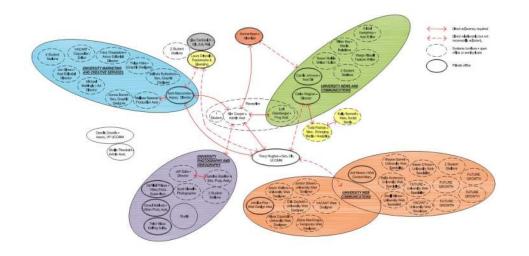


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#### **Stakeholder Meetings**

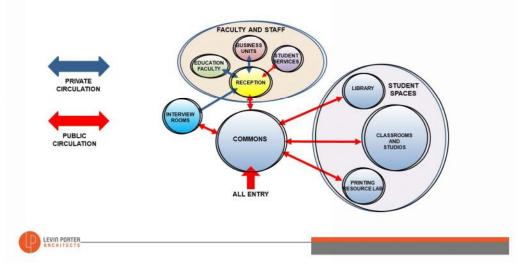
Preliminary Planning Phase 2 – 3 Months

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#### SCHOOL OF ADVERTISING ART

CIRCULATION AND ADJACENCIES



- (1)

## **Energy Analysis**

6 DIWE	e-energy.com 5.774.1202		Page 3 of 3 Account number 9101 1801 6381			Preliminary Planning Pha 2 – 3 Months
Your usage snaps) Current Electric Usage Meter Number 100190145		Choice Service ID 180163812115935457 Billing Period Dec 23 - Jan 25		Energy Simulation Results Energy Use by End Use (kBt	(63)	Page   11 Monthly Electricity (kWh)
Usage Values Billed KWh	9101	0.000 kWh Choice Service 10 180165812109062402			- Bomestic Hot Water Heat Rejection	80,000 70,000 60,000
Current Electric Usage Meter.Number 108198145 Usage Values Messured WVN	Maage Type Actual	Billing Period Dec 23 - Jan 25 8.670.160 kWn			<ul> <li>Pumps</li> <li>Fans</li> <li>Interior Equipment</li> </ul>	\$0,000 30,000 20,000
Billed XWB Billed On Peak KWh Billed Off Peak KWh Billing details - Elfe	ettle	8,670,160 kWh 1,715,120 kWh 6,955,040 kWh		20 10 VAV w/ HW VRF 4 Pipe Fan Coll	Interior Lighting     Heating     Cooling	10,000 0 1 2 3 4 5 6 7 8 9 10 11 12
Billing Period - Dec 23 23 to Jan 25 24 Your current rate is Optional F			Your current rate is Optional Rate for Electric Space Heating (EH). For a complete listing of all Otio rates and ridem, visit duke- mengy completes	Energy Cost by End Use (\$		VAV w/ HW + VRF + 4 Pipe Fan Coll Monthly Gas (therm)
Service Delivery Distribution-Customer Char Bistribution-Energy Charge 8,870,160 kWh @ 50 Delivery Rides Generation Riders		\$23.00 189.98 100.05 1.55	Every generation charges were calculated by your electric supplier.	\$1.80 \$1.60 \$1.40 \$1.20 \$1.00	Domestic Hot Water Heat Rejection Pumps	3,500 3,000 2,500 2,000
Total Current Charges	ectric Supplier	\$322.56	Independent, in a construction basis of the end of the end of the method and the second second second second and Refers are costs the Public Utilities Commission of Ohio has approved to cost metametantia in improving the energy inflastructure or other additional approach.	\$0.80 \$0.60 \$0.40 \$0.20	Fans Interior Equipment Interior Lighting Heating	1,500
AEP Energy INC Dec 23 23 - Jan 25 24 TOTAL SUPPLIER CHARGES I		\$513.35	Your Diectric Supplier Charges of \$513.35 were calculated by your Dectric Supplier.	\$0.20 \$0.00 VAV w/ HW VRF 4 Pipe Fan Coil		0 1 2 3 4 5 6 7 8 9 10 11 12 VAV w/ HW VRF 4 Pipe Fan Coll

## Sustainable Goals

Preliminary Planning Phase 2 – 3 Months

- Use LEED As a Guideline Tool
- Smart, Efficient Decisions
- Usable Systems
- Leverage Existing
- Prioritize



#### **Systems Design Approach**

Preliminary Planning Phase 2 – 3 Months

1

- Assessment Findings
- Relocate Ground Mounted Units?
- Boilers / Pumps Newer
- Controls issues to fix air between additions
- Commissioning
- Phasing of the MEP systems







Preliminary Planning Phase 2 – 3 Months

1

#### PHASING

- Addition as swing space?
- MEP Services Zoning?
- Move OMJ to Trailer?
- Visitation in Trailer?
- Growth of 30 spaces = swing opportunity

# Working Together | Planning Graphics

## ROESCH CENTER FOR ONLINE LEARNING



Preliminary Planning Phase 2 – 3 Months

University of Dayton

# **Working Together** | Planning Graphics

- primarily)

Bringing Life toward the

by and Seeing Work"

working environment (technology focused)

Building Code, etc.

10 Full-Time Employees

Workspaces (future 12-15)

Hallway / Rotunda → "Walking

Follow UD Desian Standards, ADA,

departments to occupy in future

University of Dayton

## ROESCH CENTER FOR ONLINE LEARNING





**Preliminary Planning Phase** 2 - 3 Months



## **Cost Metrics**



Preliminary Planning Phase 2 – 3 Months

- Estimator on Team (CC&E)
- Utilize 'Enhanced' SF costs to price each option
- Include escalation and inflation numbers
- Include all Soft Costs to determine TOTAL PROJECT COST



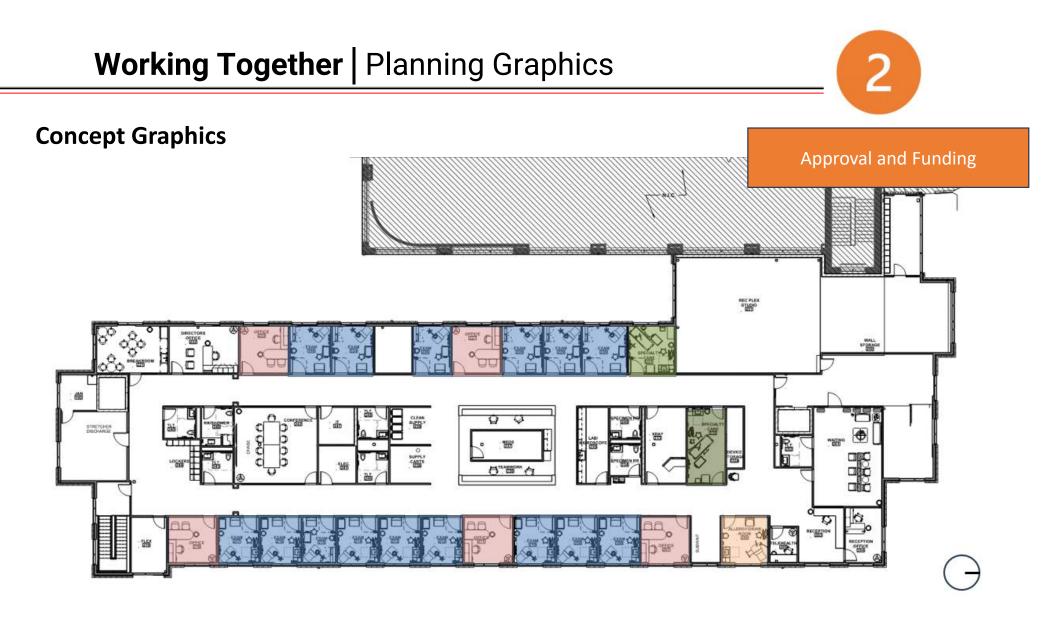
# Working Together | Three Phase Collaborative Process

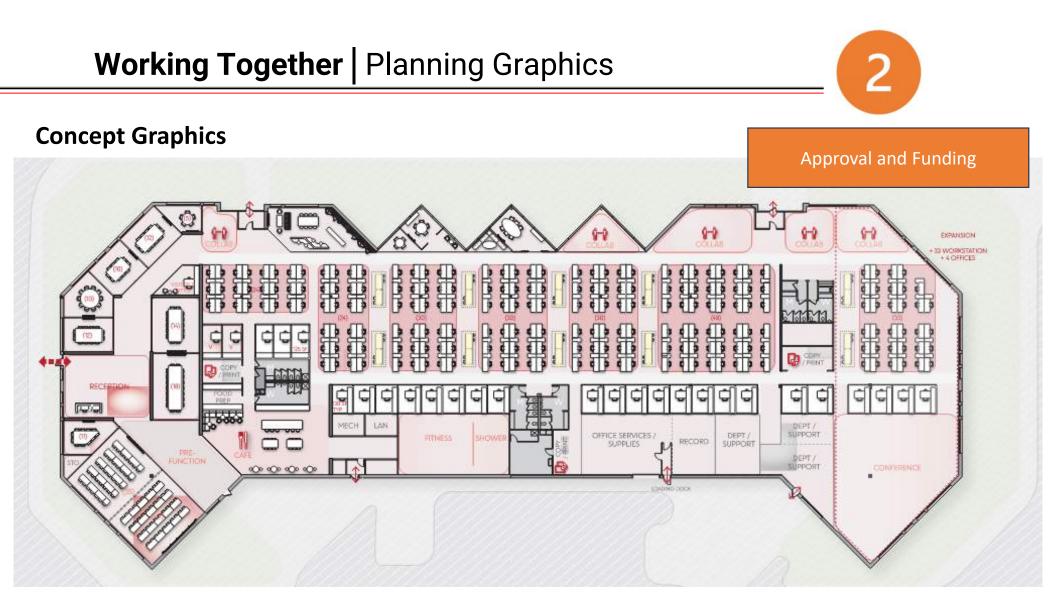
## **Approval and Funding Existing Facility County Commissioner Review Finalize Design** ٠ ٠ •

- **Evaluations/Assessments**
- **Design Charrette** ٠
- **Stakeholder Meetings**
- **Identify Priorities**
- **Explore Concepts**
- **Energy Analysis and Strategy** ٠
- **Identify Phasing** ٠
- **Prepare for Trustee** Presentation

- Presentations as Needed
- Approval of Concept and Funds

- **Complete Permit Documents**
- **Bid Project** ٠
- Phased Construction While **Maintaining Operations**

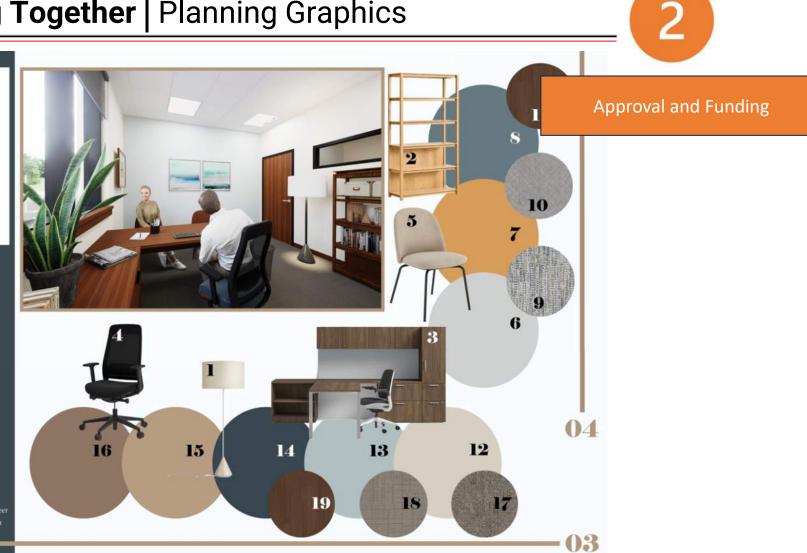




# Working Together | Planning Graphics

#### 🕕 Lamp

- Bookcase
- O Desk system
- Office chair
- Guest chair
- Sherwin Williams Reflection
- Sherwin Williams Ceremonial Gold
- Sherwin Williams Labradorite
- ShawContract Collective, In Common Tile in Together Color
- 100 ShawContract Collective, Collective IV Tile in
- In ShawContract Abide + Inhabit, Inhabit Sheet in
- B Sherwin Williams Neutral Ground
- 🚯 Sherwin Williams Niebla Azul
- 🔟 Sherwin Williams Gale Force
- 15 Sherwin Williams Latte
- n Sherwin Williams Llama Wool
- Patcraft On Neutral Ground, Running Stitch in
- Patcraft On Neutral Ground, Channel Tuft in Sheer
- n ShawContract Abide + Contract, Inhabit Sheet in





# Working Together | Conceptual Renderings



# Working Together | Conceptual Renderings



#### Approval and Funding

2

 Realistic Preliminary Renderings to Illustrate Design Concepts

# Working Together | Conceptual Renderings



#### Approval and Funding

2

 Realistic Preliminary Renderings to Illustrate Design Concepts

### Working Together | Conceptual Renderings





#### Approval and Funding

 Realistic Preliminary Renderings to Illustrate Design Concepts

#### Working Together | Three Phase Collaborative Process

# Preliminary Planning Phase 2 – 3 Months Approval and Funding

- Existing Facility Evaluations/Assessments
- Design Charrette
- Stakeholder Meetings
- Identify Priorities
- Explore Concepts
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- County Commissioner Review
- Presentations as Needed
- Approval of Concept and Funds

Execution Phase

#### Construction Docs 6 Months Construction 8-16 Months

- Finalize Design
- Complete Permit Documents
- Bid Project
- Phased Construction While Maintaining Operations

## Working Together | Collaborative Process

#### **Finalize Design Process**

**Execution Phase** Construction Docs 6 Months

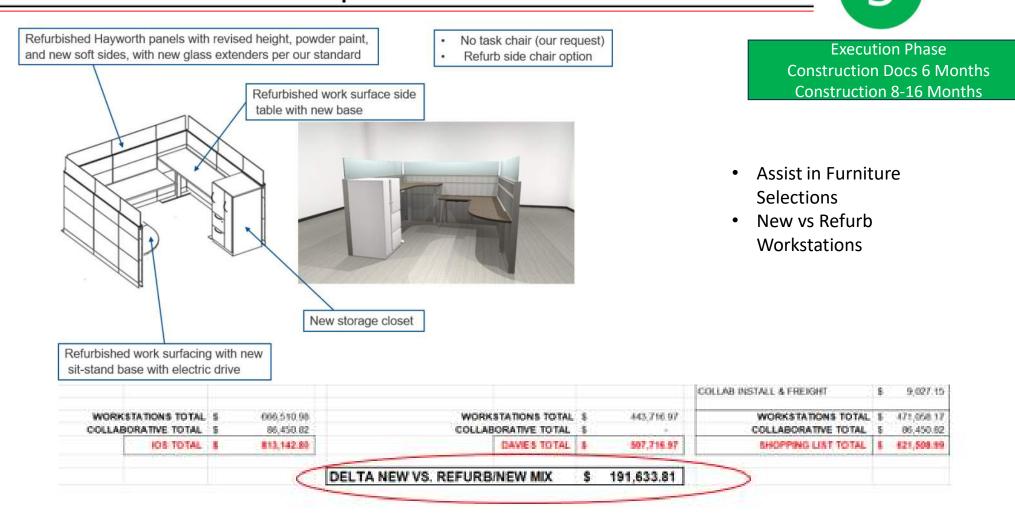
**Construction 8-16 Months** 

**OVERALL PLAN** FIRST FLOOR





#### Working Together | Collaborative Process



3

## Working Together | Collaborative Process

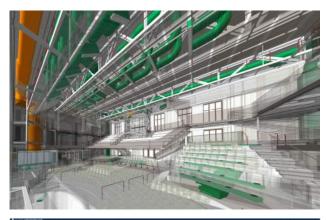






### Technology 3D Coordination









### Working Together | Design to the Budget





#### **Bid Alternates Strategy**

- Material/Finish Upgrades
- Additional Quantities
- Non-integral Items
- Focus on Items that can be added later if Contingency funds allow

#### **Market Conditions**

- Long-lead items
- Cost escalation
- Early Procurement
- Multiple bid packages

#### Working Together | Stakeholder Reviews and Input



- In-person or virtual plan reviews at key milestones
- Full design team represented

Execution Phase Construction Docs 6 Months Construction 8-16 Months

3

- Available for interested stakeholders
- Realtime notification to design team
- At your convenience



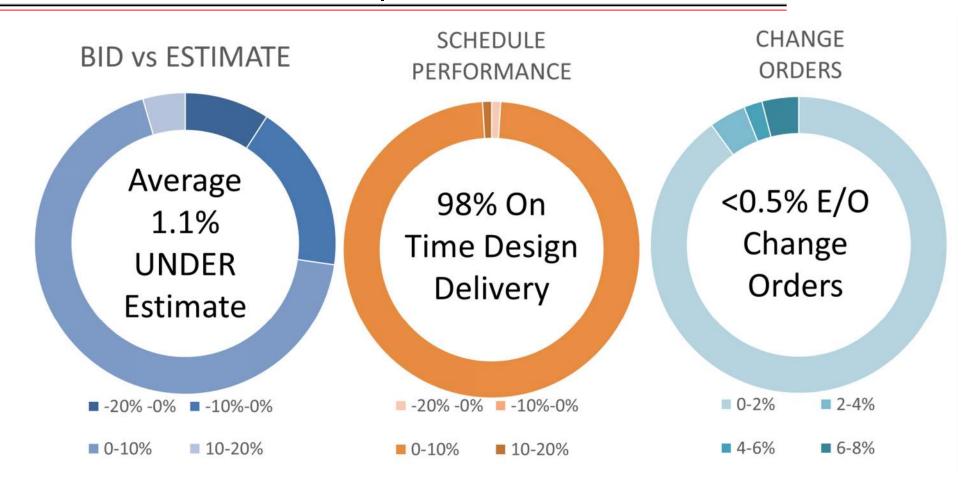
### Working Together | Construction Support

- Maintain Design Goals
- Architects On Site
- Weekly Owner Walk-thrus
- Monthly Board / Admin Walk-thrus
- Collaborative Approach with Contractor
- Clear Direction and Documentation
- Look Ahead Limit Change Orders





### Performance Indicators | Past Project Performance





## Questions?

## Why Levin Porter Team?

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#### **SOLUTIONS**

Modern Office Specific Solutions that Reflect Values