21st CENTURY SPACES
Inspiring 21st Century Educations

Gladden Farms Elementary | Marana Unified School District
Introductions

- **Patricia Cadigan**  
  Marana Unified School District | Executive Director of Bond Projects

- **Russ Federico**  
  Marana Unified School District | Executive Director of Operational Support

- **Paul Winslow**  
  Winslow + Partners | Educational Design Architect

- **Frank Slingerland**  
  BWS Architects | Architect
Changes at MUSD

- Growth in the District
- Charter competition
- Departure from existing model
- Demands of today’s families
- Support new curriculum
- Bond campaign
District Teaching + Learning Philosophy

Why & What

Connect

Instructional Model

Collaborate

Create
District Teaching + Learning Philosophy

What’s the Purpose?

- 21st Century Learning Environment
- Technology tools
- Instructional Model
  Gradual Release of Responsibility
District Teaching + Learning Philosophy

• Transferring the responsibility of learning to the student

• Students taking ownership of their own learning
District Teaching + Learning Philosophy Learning Environments
District Teaching + Learning Philosophy

Learning Environments
<table>
<thead>
<tr>
<th>School Name</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Ironwood Elem</td>
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<td>Butterfield Elem</td>
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<td>Coyote Trail Elem</td>
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<td>De Grazia Elem</td>
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<td>Desert Winds Elem</td>
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<td>Estes Elem</td>
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<td>Quail Run Elem</td>
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<td>Rattlesnake Ridge</td>
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<td>Roadrunner Elem</td>
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<td>Twin Peaks Elem</td>
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<td>Shadow Elem</td>
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</table>
First Project Elementary School
First Project Site Analysis
First Project Design Charettes
First Project Design Charettes
Design Process Organizational Concepts
Design Process Organizational Concepts
Design Process Programming & Planning

option 1
FIRST FLOOR

option 2
FIRST FLOOR
Design Process Site Plan
Design Process Sections
Design Process | Building Elevations

NORTH ELEVATION

WEST ELEVATION
Design Process Building Materials & Colors

- 50' flag - natural aluminum perforated metal mechanical screens (prefinished)
- 50' flag - natural aluminum mechanical screen (multiple locations)
- Elevator tower
- Aluminum storefront system (typical exterior)
- Metal wall panels on fascia (prefinished)
- Vertical shade fins (similar to classroom windows)
- High performance glazing (typical)
- Metal window shades - adaptable to all exposures - N, S, E, & W
- CMU - integrally colored, smooth-faced
- CMU - integrally colored, smooth & split-faced pattern
- Tensile shade structures at play areas
- Pre-finished aluminum parapet caps (typical)
- EIFS or similar system over CMU
- Steel canopy
- Vertical shade / screen
- Structural steel canopy over basketball court
- Roll-up doors - glass sectional - 12 x 12
- Vertical shade / screen
- Steel canopy over basketball court
- Brushed alum letters on CMU (lighted marquee at road)
- Perforated metal screens (prefinished) at stairs & mech
- Metal window shades - adaptable to all exposures - N, S, E, & W
- EIFS or similar system over CMU

NORTH ELEVATION

WEST ELEVATION
Design Process Image Study
Project Overview Site Plan
Project Overview Floor Plan
Project Overview Building Sections
Project Overview 3-D Model
Project Overview Renderings
Project Overview Interior Renderings
Project Overview  Interior Renderings
Project Overview  Interior Renderings
Project Overview Virtual Reality

Scan to enter Gladden Farms Commons
Project Overview Interior Renderings
Project Overview  Interior Renderings
Project Overview Virtual Reality

Scan to enter
Gladden Farms Classroom Commons
Design Innovations Learning Spaces
Design Innovations Learning Spaces
Design Innovations Learning Spaces

COLOR FLOOR PLAN
OVERALL FIRST FLOOR
Design Innovations Learning Spaces
Design Innovations Learning Spaces

COLOR FLOOR PLAN
OVERALL FIRST FLOOR

[Diagram of a floor plan with various rooms and labels such as Main Entry, Student Entry, Covered Court, etc.]
Design Innovations Learning Spaces
Design Innovations Learning Spaces
Design Innovations Bleacher Stair
Design Innovations Reading Nook
Design Innovations Reading Nook
Design Innovations Wavy Bench
Design Innovations Wavy Bench
Design Innovations Folding Glass Walls
Design Innovations Color Coding
Furniture Selection Collaborative + Comfortable + Configurable
Furniture Selection Collaborative + Comfortable + Configurable
Furniture Selection Furniture Testing “Lab”

FURNITURE TESTING “LAB” PHOTO
Furniture Selection  Ergonomic
Technology Integration Classroom Systems
Technology Integration Classroom Systems
Technology Integration Classroom Systems
Technology Integration Classroom Systems
Conclusion “Life-Size” Maker Space
Conclusion Mock-Ups
Conclusion Construction
Conclusion

Construction
Conclusion Construction
Conclusion Construction
Thank You!