THE ELEMENTS OF YOUR PROJECT

SOLANO COMMUNITY COLLEGE DISTRICT

NEW SCIENCE BUILDING
FAIRFIELD CAMPUS
BOARD PRESENTATION – AUGUST 5, 2015
Agenda

1. Project Guiding Principles: Critical Success Factors
2. The New Science Building in Relation to the Fairfield Campus
   - Board Approved Master Plan
   - Building Floor Plan
   - Preliminary Landscape Plan
3. Building Design Context
   - The Distinct Fairfield Campus Architecture
   - 3 Initial Design Options – April / May 2015
   - Fairfield Campus Context
   - New Building Arch Options
   - Proposed Materials
   - Current Design Direction- July 2015
Critical Success Factors

1. **Budget/ Schedule** – Maximize program and design opportunities while meeting the available budget for the project. Adherence to the project schedule and design work plan is critical so that the project can move forward in an organized and timely manner.

2. **Safety** – A safe teaching environment for faculty, staff, students and visitors is highly desired. Included in this factor is the desire to have well-ventilated lab spaces.

3. **Attract students** – A facility that supports the Science program being the program of choice. A place where students gather for instruction, support and social activities.

4. **Represent all science programs** – Recognized as the location for scientific learning on campus.

5. **Functional, flexible & efficient facility** – Provides easy service and operation. Appropriately sized prep spaces. Form follows function.

- Sustainability – both building & operations
- Student Study Space “Bird room”
- Science Activity Center - tutoring for science learning
- Durable/built to last
- Work stations/offices for instructors and techs
- Good storage that is flexible in size
- Sky viewing area at the roof with storage (observatory)
- Community outreach opportunity – spaces & rooms
- Consolidated location for veteran students
- Specific location for Water & Wastewater program
- Growth, space, capacity for future
- Faculty gathering area
- Technology infrastructure for future
- Planetarium - could be general use classroom
- Classroom space near science storage
- Tempered make up air for fume hoods
Existing Context – Fairfield Campus
Arched Option A – Thin Arch (with and without mansard)

Arched Option B – Full Arch (with and without mansard)

Arched Option C – Stretched Arch (with and without mansard)
Proposed Materials
View from the North
Entrance to Lobby
Lobby – Science on Display
Courtyard with views into Science Labs
Courtyard with Green Wall outside of Biology
Outdoor Classroom Opportunities
Exterior – Science on Display
Solano College Science
Relationships
Performance
Design