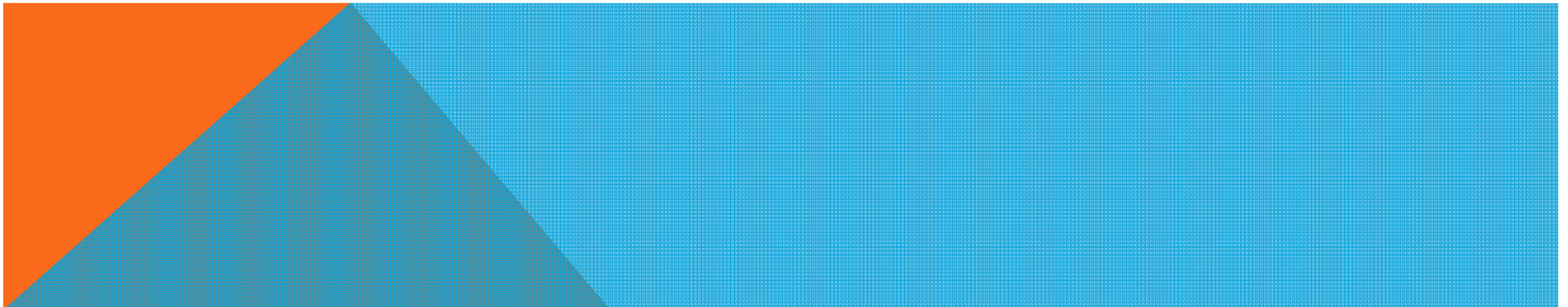


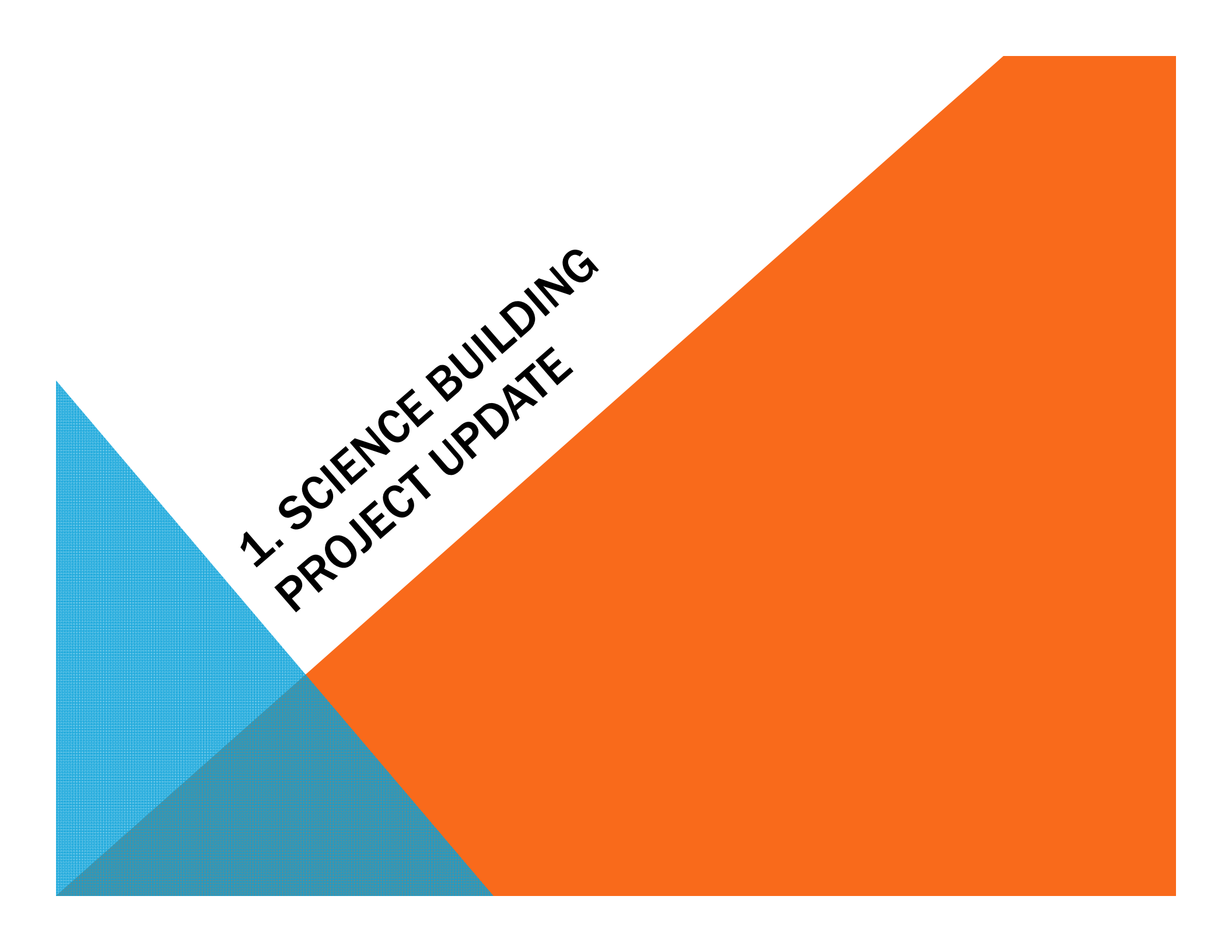
**MEASURE Q STEERING
COMMITTEE**

MAY 20, 2015

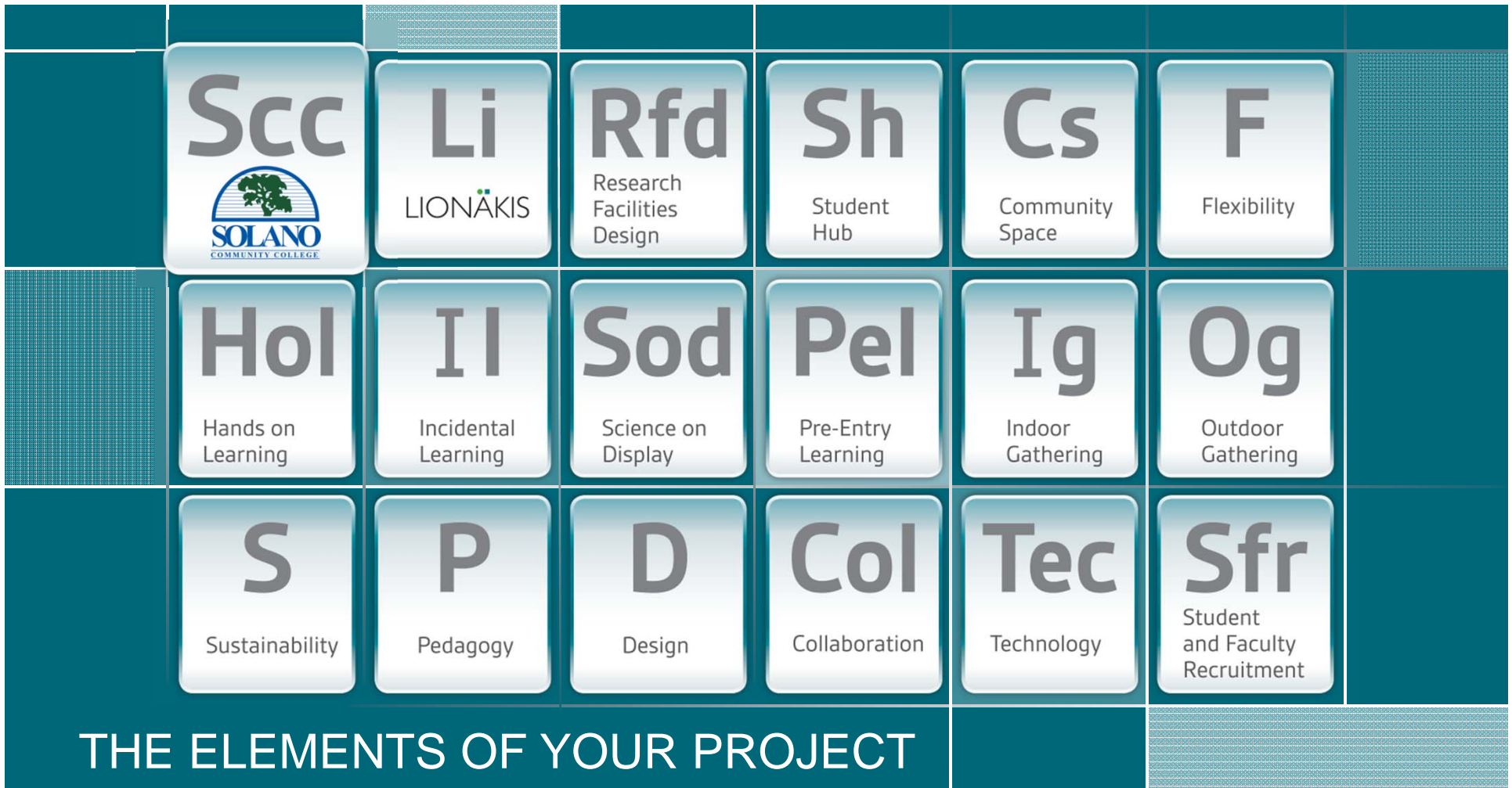
PRESENTATION ITEMS

1. Science Building Project Update
2. Portable Classrooms



The background features a white central area. On the left, there is a blue triangle with a fine grid pattern. On the right, there is a large orange shape that resembles a trapezoid or a right-angled triangle with a slanted top edge.

**1. SCIENCE BUILDING
PROJECT UPDATE**



SOLANO COMMUNITY COLLEGE DISTRICT

SCIENCE BUILDING

MEASURE Q STEERING COMMITTEE – MAY 20, 2015

SCIENCE BUILDING CRITICAL SUCCESS FACTORS (CSF)

PURPOSE:

Serve as primary guidelines to effective decision-making and project design focus throughout the project by the entire Project Core Team.

Project user group input:

- 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; classrooms proximity to science storage
- Good storage that is flexible in size; faculty gathering area
- Consolidated location for veteran students
- Technology infrastructure for future
- Community outreach opportunity – spaces & rooms



CRITICAL SUCCESS FACTORS (CSF)

SCIENCE BUILDING CRITICAL SUCCESS FACTORS (CSF):

- **Budget and Schedule:**
 - Maximize program and design opportunities while meeting the available budget and schedule for the project.
- **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.
- **Attract Students /Program of Choice:**
 - A facility that supports the Science program being the program of choice. A place where students gather for instruction, support and social activities.
- **Representative of All Science Programs:**
 - Recognized as the location for scientific learning on campus
- **Functional, Flexible and Efficient Facility:**
 - Form follows function; provides ease of service and operation; appropriately sized prep spaces.



CRITICAL SUCCESS FACTORS (CSF)

MODULAR LAB PLANNING



Figure M2 - Laboratory Planning Module

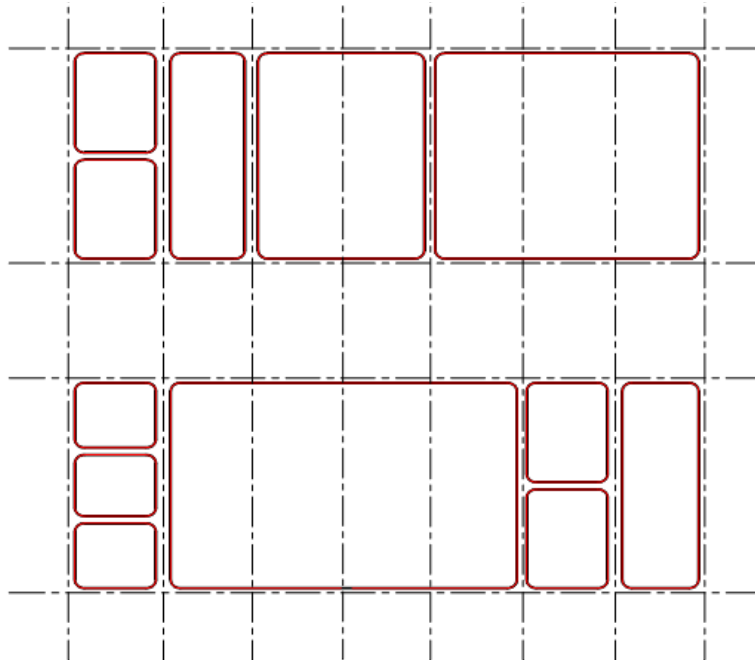


Figure M1 - Modular Planning of Laboratory Space

Key Components of Effective Modular Lab Planning:

- Planning module based upon lab safety
- Provide flexibility for future changes
- Combined to address space needs from large to small needs
- Cost effective layout & building organization
- Practical approach to define scope and area limits

DESIGN FROM LABORATORY OUT

SPACE DIAGRAM

LIONAKIS / RFD

DEPARTMENT: BIOLOGY

SPACE NAME: ANATOMY LABORATORY

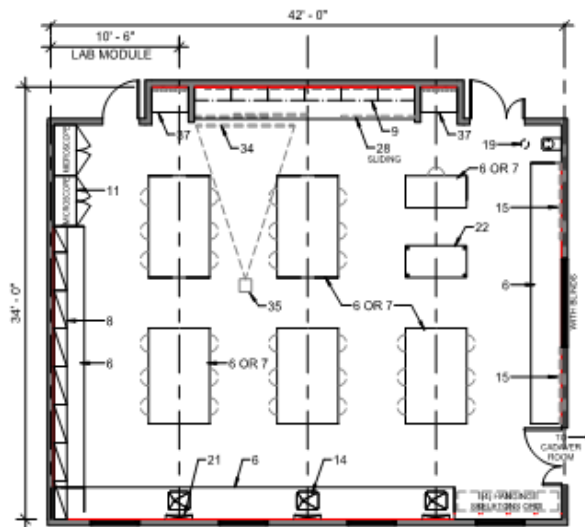
SCIENCE BUILDING PHASE 1

Solano CCD - Fairfield Campus

SPACE ID NO:

AREA NSF: 1,428

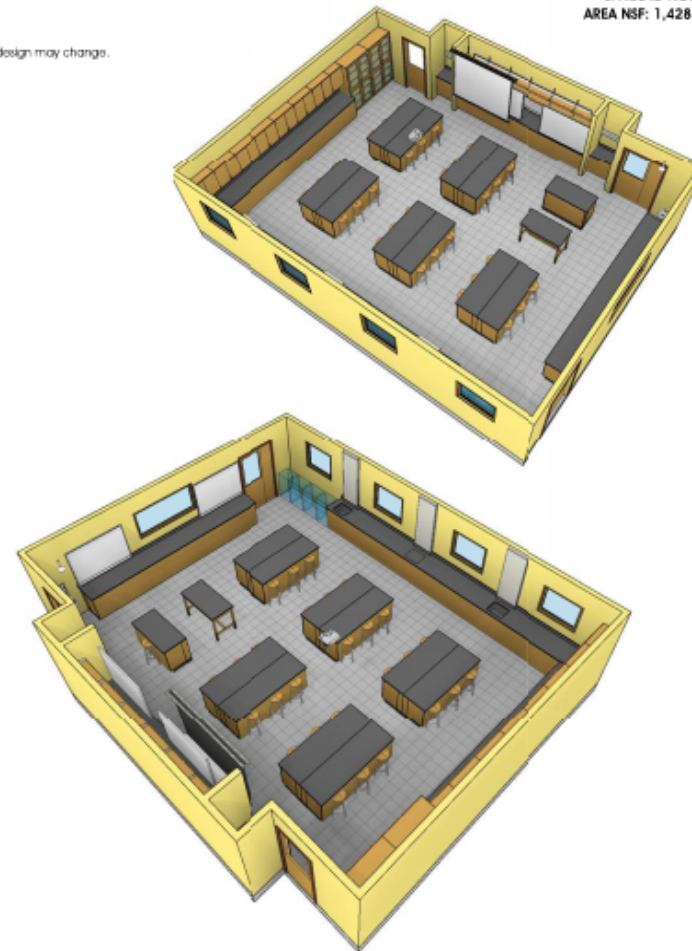
This diagram is conceptual and is provided only to indicate required furnishings, equipment, and general room proportions. The actual room design may change.



- + 28 - 30 STUDENTS
- + VIEW WINDOWS FROM CORRIDOR TO BE DEVELOPED

FURNISHINGS

- | | | |
|---------------------------------------|---------------------------------|---|
| 01. Chemical Fume Hood with Cup Sink | 13. Corrosive Cabinet | 25. Autoclave, Benchtop (DFOI) |
| 02. Biological Safety Cabinet | 14. Laboratory Sink | 26. Movable Laboratory Table |
| 03. Backdraft Exhaust | 15. Tackboard | 27. Wire Shelving Unit |
| 04. Laminar Flow Hood | 16. Downdraft Dissection Table | 28. White Markboard |
| 05. Sneeze Exhaust | 17. Cylinder Rack | 29. Industrial Shelving Unit |
| 06. Laboratory Bench, Standing Height | 18. Scullery Sink | 30. Exam Light |
| 07. Laboratory Bench, Sitting Height | 19. Safety Showers/Eyewash | 31. Chemical Storage Cabinet |
| 08. Wall Cabinet | 20. Overhead Service Cart | 32. Tackboard |
| 09. Adjustable Wall Shelving | 21. Pipe Enclosure | 33. Skeleton Cabinet |
| 10. Island Bench Shelving | 22. Movable Demonstration Bench | 34. AV Screen |
| 11. Tall Storage Cabinet | 23. Glassware Washer / Dryer | 35. Multi-media Projector (Ceiling Mount) |
| 12. Flammable Cabinet | 24. Canopy Hood | 36. Vented Storage Cabinet |
| | | 37. Coat/Book Bag Storage |



4/1

DESIGN FROM LABORATORY OUT

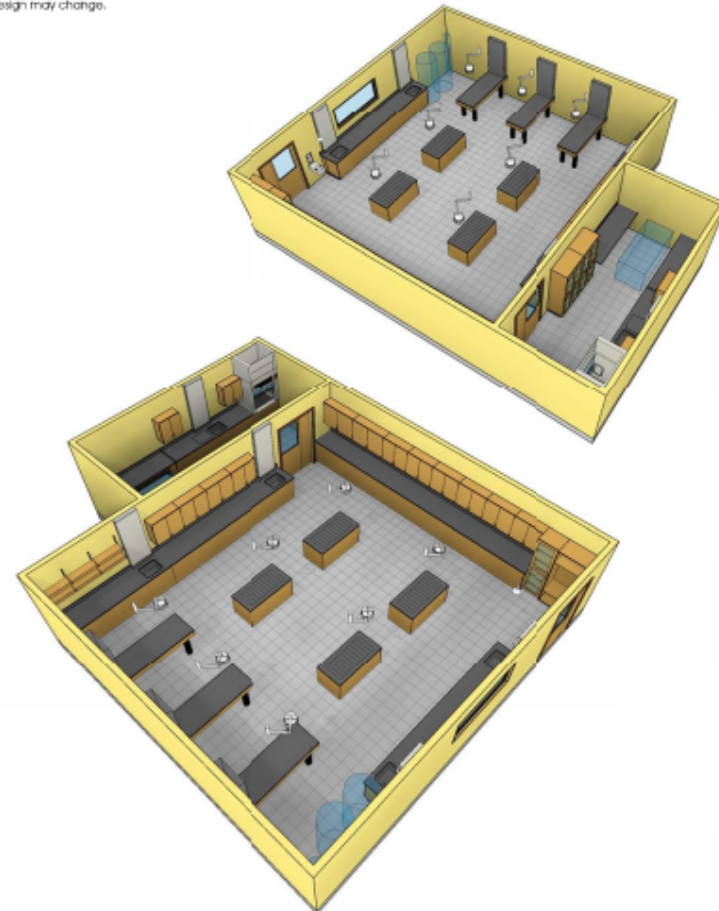
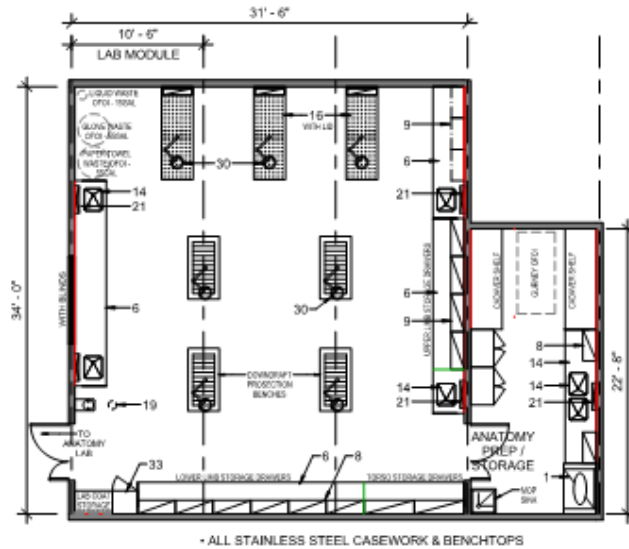
SPACE DIAGRAM
LIONAKIS / RFD

SCIENCE BUILDING PHASE 1
Solano CCD - Fairfield Campus

DEPARTMENT: BIOLOGY
SPACE NAME: CADAVER ROOM(WET LAB) + ANATOMY PREP & STORAGE

SPACE IS NO:
AREA NSF: 1,071 + 238

This diagram is conceptual and is provided only to indicate required furnishings, equipment, and general room proportions. The actual room design may change.

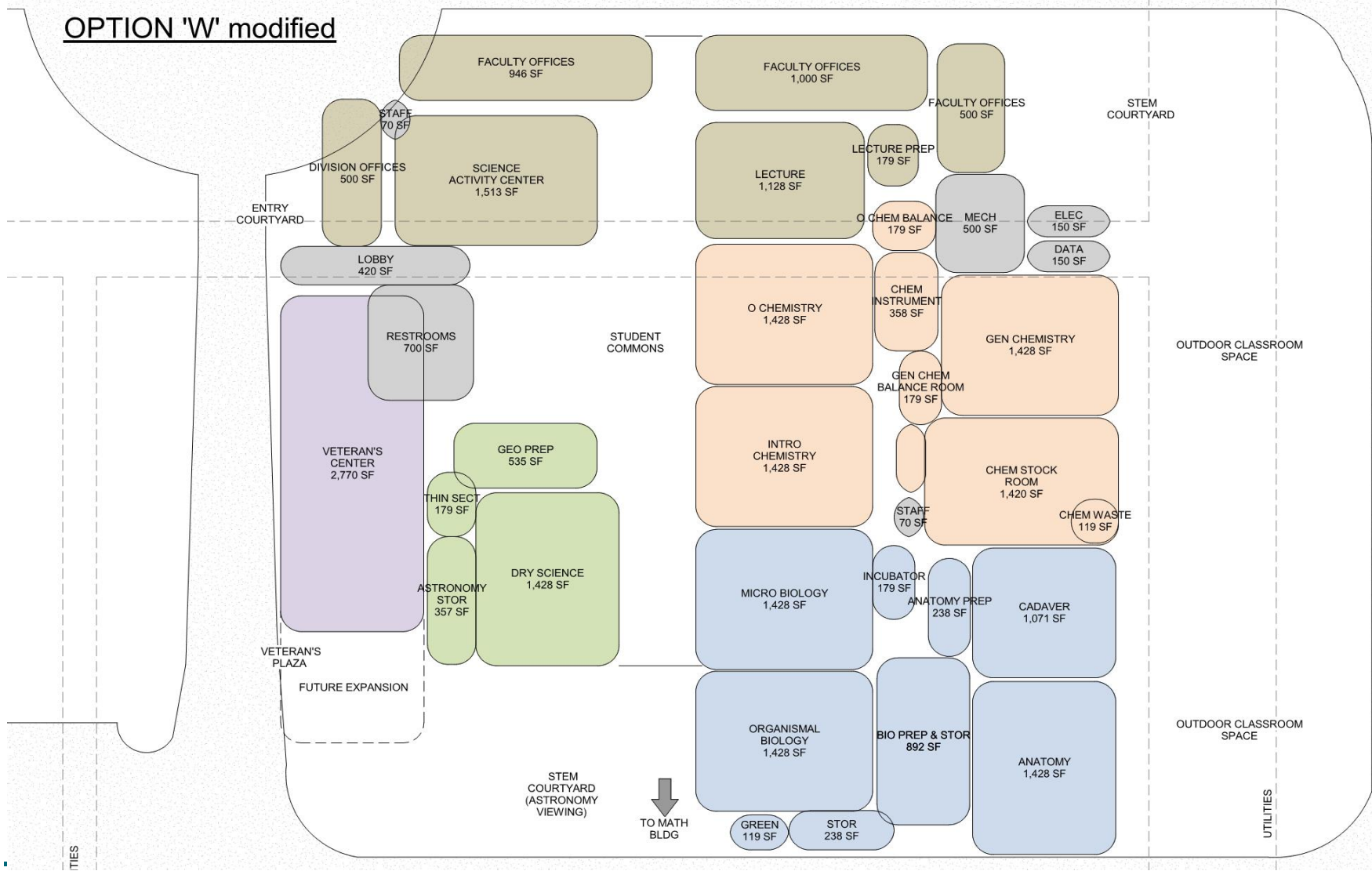


FURNISHINGS

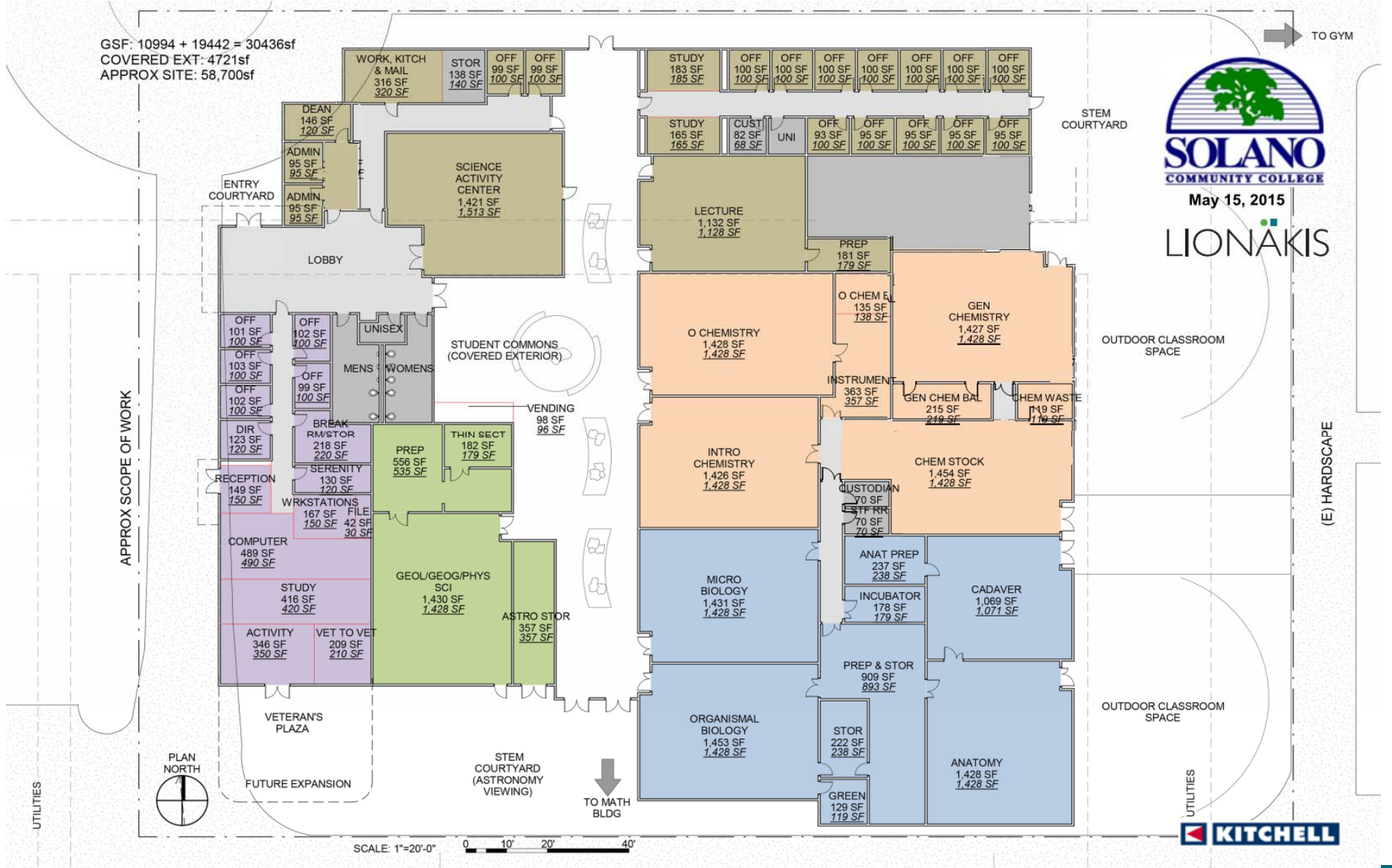
- | | | |
|---------------------------------------|---------------------------------|---|
| 01. Chemical Fume Hood with Cup Sink | 13. Cobalt Cabinet | 25. Autoclave, Benchtop (OFD) |
| 02. Biological Safety Cabinet | 14. Laboratory Sink | 26. Movable Laboratory Table |
| 03. Backdraft Exhaust | 15. Tackboard | 27. Wire Shelving Unit |
| 04. Laminar Flow Hood | 16. Downdraft Dissection Table | 28. White Markerboard |
| 05. Snorkel Exhaust | 17. Cylinder Rack | 29. Industrial Shelving Unit |
| 06. Laboratory Bench, Standing Height | 18. Sullery Sink | 30. Exam Light |
| 07. Laboratory Bench, Sitting Height | 19. Safety Shower/Eyewash | 31. Chemical Storage Cabinet |
| 08. Wall Cabinet | 20. Overhead Service Cart | 32. Tackboard |
| 09. Adjustable Wall Shelving | 21. Pipe Drop Enclosure | 33. Skeleton Cabinet |
| 10. Island Bench Shelving | 22. Movable Demonstration Bench | 34. A/V Screen |
| 11. Tall Storage Cabinet | 23. Glassware Washer / Dryer | 35. Multi-media Projector (Ceiling Mount) |
| 12. Flammable Cabinet | 24. Canopy Hood | 36. Vented Storage Cabinet |
| | | 37. Coat/Book Bag Storage |

USER PREFERRED BUBBLE DIAGRAM

OPTION 'W' modified



CURRENT BUILDING DIAGRAM



FACILITIES MASTER PLAN/CAMPUS TEST FIT

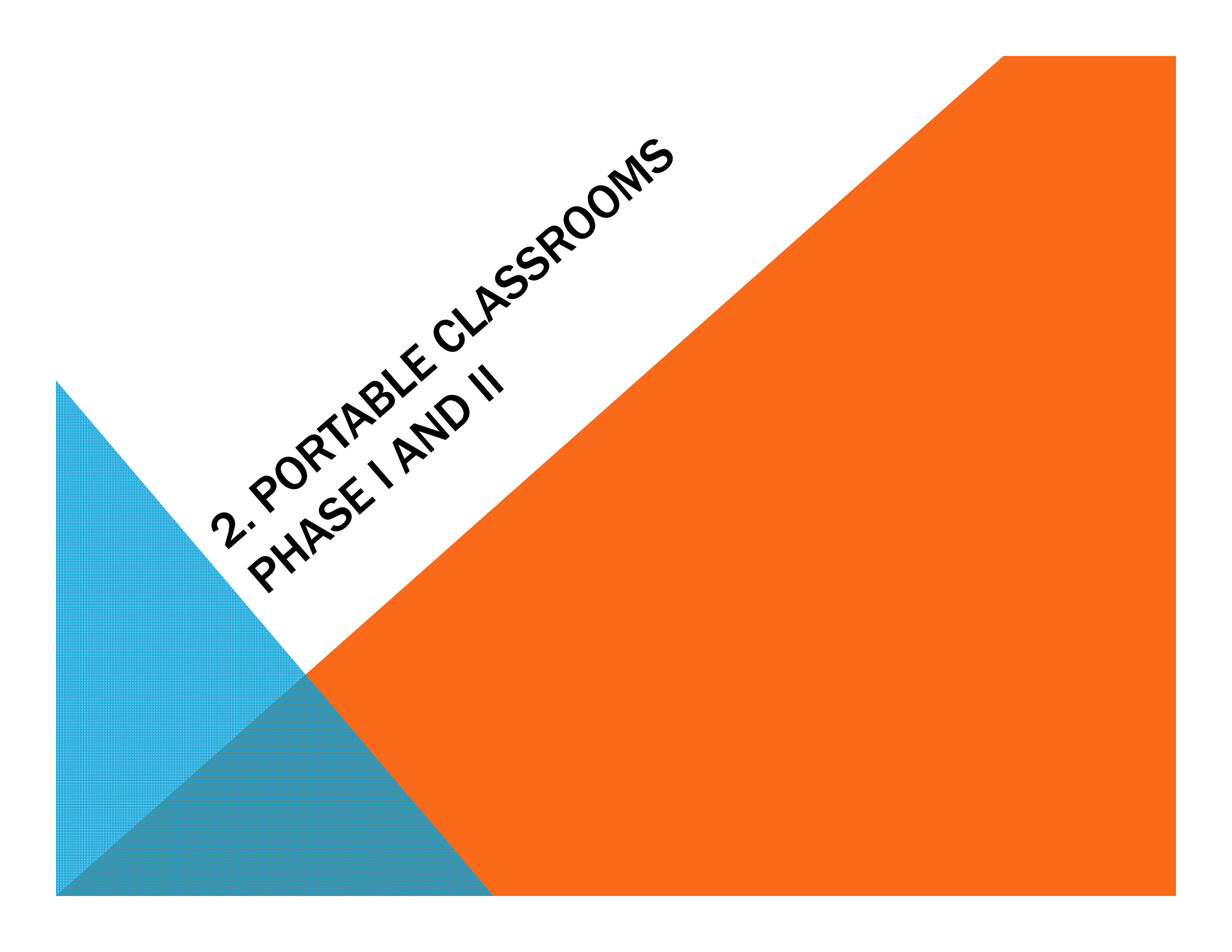


PRELIMINARY BUILDING MASSING



SCIENCE BUILDING CONCEPTS





**2. PORTABLE CLASSROOMS
PHASE I AND II**

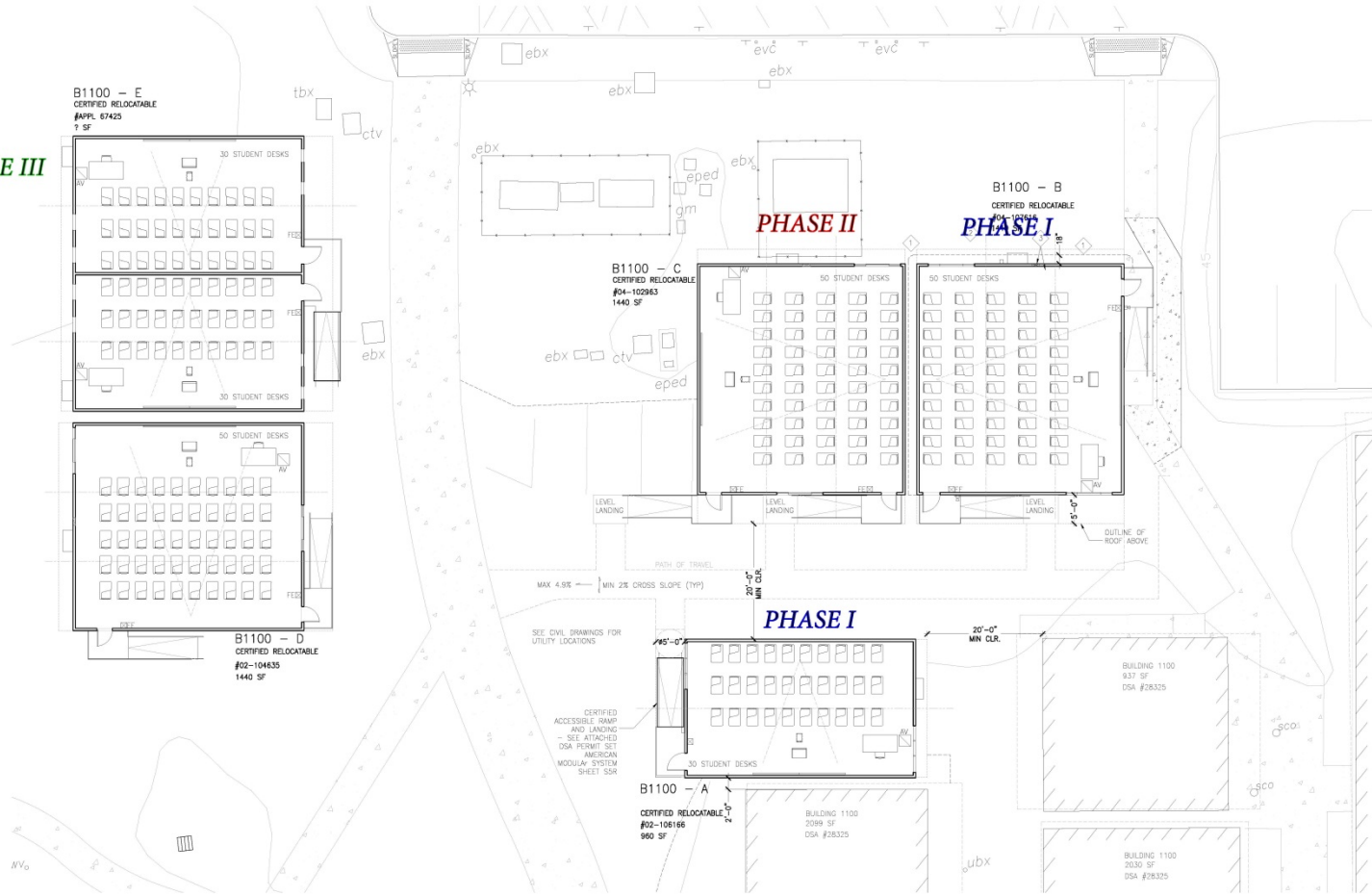
Portable Classrooms Phase I and II:

- Portable Classrooms Phase I includes 2 portable classrooms to accommodate:
 - Swing space for Building 1200 users – summer school occupancy
 - General classroom use - fall semester start occupancy
- Portable Classrooms Phase II includes 1 additional general classroom
 - Fall semester occupancy
- Future Portable Classrooms (Phase III):
 - Currently in planning phase for potential next year occupancy



PORTABLE CLASSROOMS

PHASE III



10 SITE PLAN

SCALE: 1/8"=1'-0"

GENERAL NOTES:

PER ACCESS, PATH OF TRAVEL SHALL NOT EXCEED 4.9% SLOPE IN DIRECTION OF TRAVEL AND 1.9% FOR CROSS SLOPE.

SHEET NOTES:

- 1 CONTRACTOR SHALL INSPECT AND CONFIRM LEVEL "PAD" AT EXISTING CONDITIONS AS SHOWN MIN. 18" FROM EDGE OF RELOCATABLES, AND SHALL CLEAR GRASS TO BARE SOIL UNDER ENTIRE AREA OF BUILDING
- 2 CONTRACTOR TO CAP & REROUTE (E) IRRIGATION LINE TO ALLOW FOR RELOCATABLES AS SHOWN ON PLAN.
- 3 CONTRACTOR TO COORDINATE WITH MANUFACTURER PLACEMENT OF IDENTIFICATION LABELS - SEE SHEET N-1 (GPC DOCUMENTS).

OWNER:
SOLANO COMMUNITY COLLEGE DISTRICT
 4000 Sutter Valley Road
 Fairfield, CA 94534

ARCHITECT:
CA ARCHITECTS
 475 Gate Five Road, Suite 107
 Sausalito, CA 94965
 T 415.331.7655
 F 415.331.7656

PROJECT:
 RELOCATE MODULAR THEATER SWING PROJECT

CONSULTANT NAME:

STAMP



SHEET NUMBER:

ISSUE/REVISION:
 NO. DATE DESCRIPTION
 04/16/2015 DSA PERMIT SUBMITTAL
 01/19/2015 CCD 801 - 05/19/2015

KEY PLAN:

NOT FOR CONSTRUCTION DRAFT

SCALE:
 DATE:
 PROJECT NO.:
 PERMIT APPLICATION NO.:

SITE PLAN
 FURNITURE LAYOUT

A1.01

PORTABLE CLASSROOMS