

BIOLOGY/PHYSICS/LIFE SCIENCE/CHEMISTRY LAB

TECHNOLOGY & ELECTRICAL

- E1. Surface Mounted Clock/Speaker/PA (locate opposite teaching wall)
- E2. Wall mounted projection screen (Refer to General drawings - Teaching Wall, Volume 4)
- Duplex data outlet and power receptacle, min. 1 per wall
- Outlets within 6'-0" of a sink must be a GFI outlet
- Teacher's Desk - for power and AV requirements refer to General drawings - Teacher's Desk AV and Power Requirements
- Ceiling mounted projector with pole vault and Extron switching equipment
- Provide dual gang Extron AV guest location opposite teaching wall (1 1/4" conduit)
- Wireless access (data and power at ceiling)
- Locate light switch near main entry door and provide electrical outlet below
- Dual technology motion sensor
- Provide 2 pole vault AV speakers flush mounted in ceiling

FINISHES

- Flooring: Sheet linoleum
- Base: Integral covered base
- Ceiling: Suspended 2' x 4' acoustical tile

PLUMBING

- P1. Student Lab Station including:
 - Lab sink (ADA as required) with cold water
 - Gas turret and connection
- P2. Instructor's Lab Station including:
 - Lab sink with hot and cold water
 - Gas turret and connection
- P3. Recessed Emergency Eyewash and Shower with floor drain

FURNITURE & EQUIPMENT

- Teacher desk (30" x 72" bowed front) and chair
- Wood student tables with epoxy resin countertops (72" or 90"W x 24"D x 29"H)
- Student chairs

CASEWORK

- C1. Upper cabinets
- C2. Base cabinets
- C3. ADA sink base cabinet
- C4. Drying rack
- C5. Epoxy resin countertop
- C6. Instructor's lab station
- C7. Fume hood
 - All casework shall be wood with epoxy resin countertops
- All casework shall have locks and be keyed alike in a classroom. Each classroom to be keyed differently. All locks to be master keyed.

ROOM FEATURES

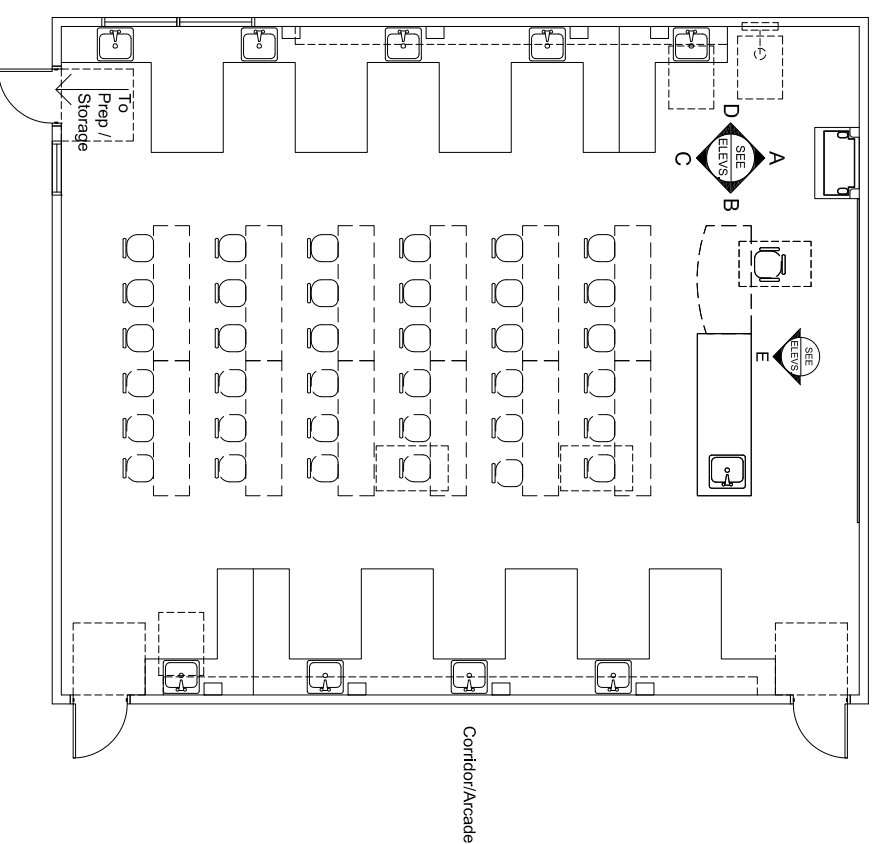
1. Optional Operable Window (+48" sill height min.)
2. Optional Operable Clerestory Window
3. Door with Vision Light
4. Markerboard
5. Tackable Wall Panels (on open walls, +34" to Top of Door Height)
6. Black-out Shades
7. Paper Towel Dispensers

MECHANICAL

- Heating, ventilation, and air conditioning

NOTES

- Provide one fume hood in each Chemistry classroom - all other sciences do not require a fume hood within the classroom



Scale: 3/32" = 1'-0"



VOLUME 4 Planning Design Standards

High School - 2. Biology Lab/Physics/Life Science/Chemistry Lab

Revision Date: June 30, 2014

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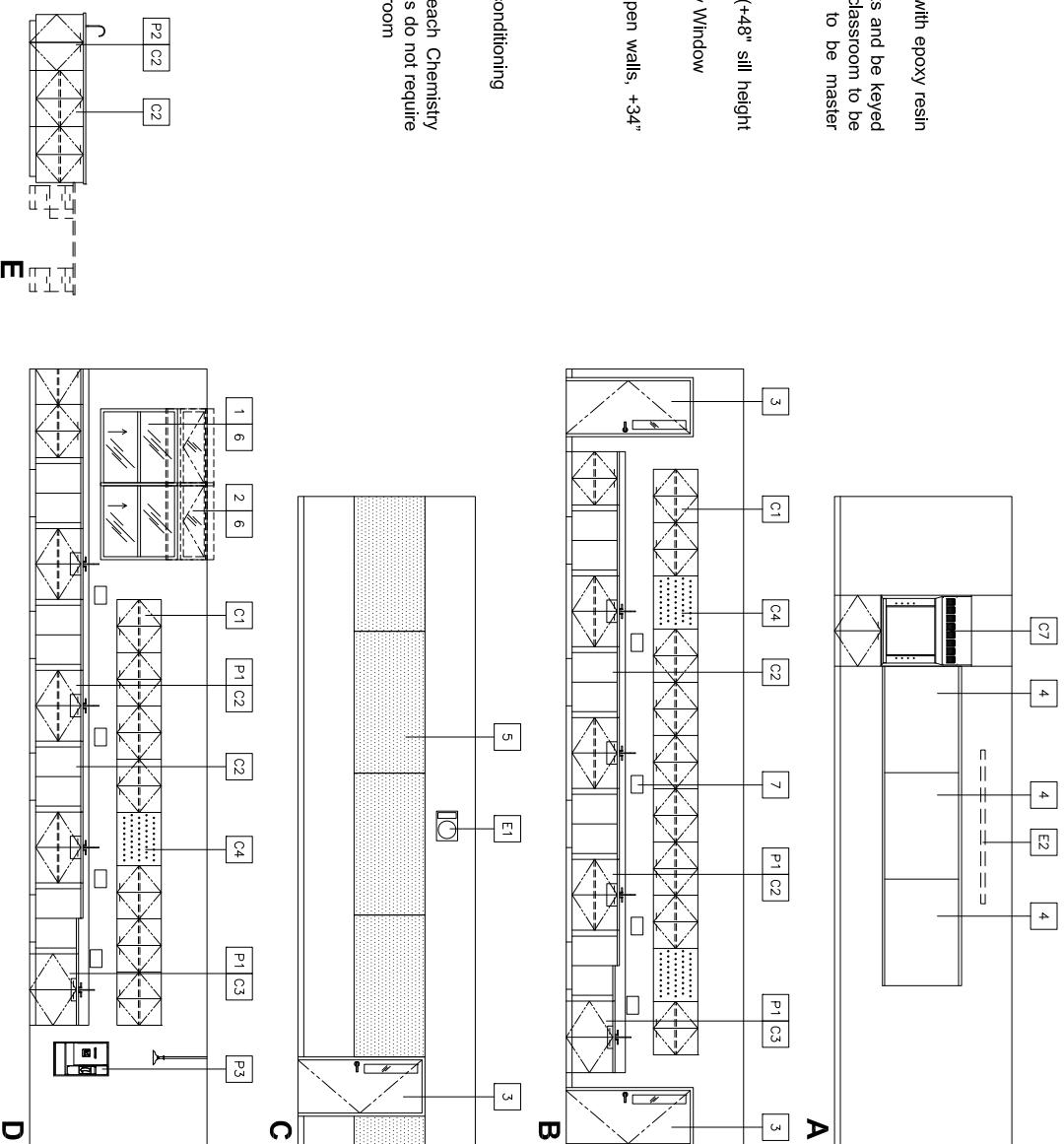
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