

**MEETING MINUTES**

Date: December 03, 2013

Time: 9:30a.m. – 11:00 a.m.

Location: Griffin Gate 60-180 A

**PRESENT:** Steve Baker, Patrice Braswell-Burris, Elizabeth Barrow, Kurt Brauer, Joel Castellaw , Ross Cohen, Esau Cortez, Ken Emmons, Tim Flood, Zack Gianino, Ingrid Jane, Beth Kelley, Julie Middlemas, Genie Montoya, Rafael Navarrete, Michael Reese, Jim Spillers, David Steinmetz, Denise Schulmeyer, Reyna Torriente, and Christina Tafoya,

**ABSENT:** Agustín Albarrán, Jeff Baker, Alex Diaz, Henry Gaudet, Dale Switzer and Debbie Yadow

**RECORDER:** Stephanie Rodriguez

Introductory of all members attended.

**REGULAR AGENDA ITEMS****Planetarium Projector:**

The Planetarium Projector was proposed to the IRC. The IRC received a ranking and provided sufficient funds to purchase the planetarium. The Planning and Resource Council requested a recommendation from the Facilities Committee in regards to instructional and operational procedures. Ross Cohen mention the portable planetarium will be used primarily for classroom instruction. The device is a computerized projector, inflatable dome, estimated weight 100 lbs., set-up 10 minutes with experience, remote control, light bulb 2000-5000 hours life span, estimated 50 occupancy, and instructional visual tool. Planetarium entrance is full height and can be easily lifted up for emergency exit or ADA access. The dome will need 15 ft. ceiling height; proposed locations are inside Bldg.34 Health and Science, First Floor Courtyard of Bldg.34, and or Lower Gym. The requestor will need to fill out a Facility Request Form to use the planetarium in a classroom area. The manufacture recommends not use the planetarium outdoors due the weather damage or lifting from winds. The responsible party for set-up and disassembly will be Dave Duenas, Faculty, new hire student worker, or new hire night time technician. Ross states they would not be asking for custodial set-up, since it takes training to do set-up. The poll rated by instructors of usage is 1-4 times per semester. The proposed location for storage is an existing caged area along with telescopes and possible purchase of security video cameras may be needed. Ross recommends when reconstructing Bldg.36 to consider a dome classroom and reuse the existing projector. Beth suggested for emergency plan to have a safety script to be placed inside or outside of the dome. The objective will help intrigue students and public outreach in Astronomy. The department is open to allowing other departments usage of the planetarium. Facilities Committee recommends the planetarium to Planning and Resources.

**District Room Space Standards:**

Tim received a first draft of room space standards from Dale Switzer for the overall goals of classrooms, meeting rooms, hallways, and offices. The committee will able to review the draft and provide feedback. Tim would like the committee or Deans to submit comments, clarity, or questions prior to winter break.

**Prop R and V Construction Bond Program November 2013:**

The committee reviewed the Prop R & V Construction Bond Program Update by Gafcon. Proposition R and V Bond program improvements are posted monthly on the website at <http://proprsv.gcccd.edu/Pages/Home.aspx>!

**Environmental Impact Report:**

The committee discussed the Supplemental Environmental Impact Report which is currently underway.

**Infrastructure:**

The committee discussed the firms that have been contracted by the District for both campuses, JCE for electrical and SCE for mechanical and plumbing and NV5 for water, sewer, storm drain, and topographical and grading services.

**Drought Tolerant:**

The committee discussed the bid returns which came in overbid. The committee was informed in order to keep the project within budget 2 pods would have to be removed from the scope of work. The 2 pods that have that have been determined to have least impact to the students and most costly are the bus stop/ Lot #6 and the Maritime Succulent Native Garden.

**Lighting Retrofit & Lighting Controls Upgrade Project:**

The committee discussed the Prop. V & Prop 39 Lighting Retrofit & Lighting Controls Upgrade project which had to be revised before it was approved by the State. The State requested additional energy efficient lighting be added to the project. The Engineers are doing assessment of all campus building to convert existing lighting to more energy efficient.

**200 Theater Complex Project:**

The committee discussed the selection of Architects for the 200 Theater Complex project which was reduced down to four firms. A taskforce committee will be assembled to attend the interviews with the four firms to make the final selection of the architectural firm to be awarded the project

**District Wide Safety Committee Meeting:**

The committee discussed the monthly District Wide Safety Committee Meeting. The District will send an email campus wide for the quarterly safety training inspection for each department to review and report any potential safety issues. After hours student injuries are to be reported to ext.7654 and directed by dispatcher. First Aid Kits were purchased by the District and distributed to each college. Fire Extinguishers need to be replaced and performed by Simplex. A revised form will be sent out for Hazardous Waste pick up with Ken Emmons listed. Skating board regulation needs additional approvals, thereafter new signage will be place in every campus entrance.

**CONSTRUCTION PROJECTS UPDATES:****Griffin Center Flooring Project:**

The committee discussed the proposed new flooring material and pattern for Griffin Center. Ken presented ceramic tile sample to the committee. The committee discussed capping off a majority of the electrical floor boxes with chrome cover plates. The sofas will be relocated to Bldg.10, Child Development Center, and LTRC. The remaining chairs, ottomans and dining tables will be re-arranged in the space to create a lounge environment.

**LTRC New Carrels:**

The committee was informed the LTRC will be receiving (8) new tutoring carrels on the top floor to replace the (6) old carrels. A small task force will be assembled to select the fabric for the carrels.

**Library New Furniture:**

The committee was informed the Library will be receiving almost 300 new chairs to replace the old furniture. A task force will be assembled to select the type of chairs, colors and fabrics.

**Parking Stalls:**

The committee was informed that the existing staff parking will be re-stenciled over winter break. This will help staff to easily identify staff parking.

**Bldg.38A Demolition Options:**

The committee discussed the 4 different options for the proposed demolition of building #38A. The committee discussed the trash bins, ADA parking the enclosure and lighting. Ken stated he would present a revised plan for the committee for approve in February.

Meeting Adjourned: 10:48 a.m.

Ken reminded the committee to propose any agenda items for the next meeting.

**Next meeting will be held on February 04, 2014, 9:30 – 11 a.m., Griffin Gate 60-180A**

Meeting Minutes and attachments will be posted on the facilities, operations, and maintenance website.

# INTRODUCTION



It is Grossmont Cuyamaca Community District’s intention to standardize spaces across both college campus locations to an equitable and functional size for the expected use over the life of the facility. The proposed standards reflect the clearances required for the ease of circulation and effective utilization of furniture and equipment within each space. The desired minimum usable square footage is noted on each diagram. Additional width or depth within the spaces would be acceptable, particularly in spaces that have structural elements, more specialized areas, or renovations of existing buildings and will be approved on a project by project basis.

Buildings should provide spaces that are flexible, functional, and adaptable allowing for changes that will occur in the future, as well as the ability to alter a space during the day to allow for a variety of learning activities and needs. Creating environments which promote collaboration and interaction between individuals and groups is highly desirable, as are quiet areas for individual focus and study. Varying sizes and types of learning and gathering spaces should be included within the buildings and throughout the campus.

# Part A CLASSROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



Classrooms are where students and faculty spend a significant amount of time together, and should be designed with enough space to accommodate easy interacting, accessible seat count, pedagogies, learning technologies, furnishings, and building code requirements.



Faculty should have intuitive ease of access to light zoning, window shades, and projection controls from the fixed lectern. Classrooms should be geometrically wide and shallow, with the wide side as the front teaching wall, to maximize view angles and make it easier for the instructor to be close to all the students even in the most distant seats. The back wall can host windows with shades maximize daylight.



Classrooms should foster communication by maximizing markerboard or writing space on multiple walls, provide projection communication, Wi-Fi connectivity, and assisted listening systems. Flat screen monitors are an option for some instructional spaces on the side and rear walls. The monitors should support student project work, collaboration, and virtual simulation labs, as well as to improve presentation visibility from all areas of the room.



All classroom design options should be flexible for a variety of instructional and learning approaches. The number of each type of classroom included in a building project will be determined by the needs of the specific programs that will occupy the building.

Different options for technology are shown in the following classroom layouts and inclusion of identified technology features in a project should consider current and future learning activities as well as reflect prudent economic choices. A base level for technology features in a classroom should include a smart care with controls, projector and projection screen WiFi, and one floor box with power, data and AV connections in the center of the room for flexibility.

# CLASSROOMS

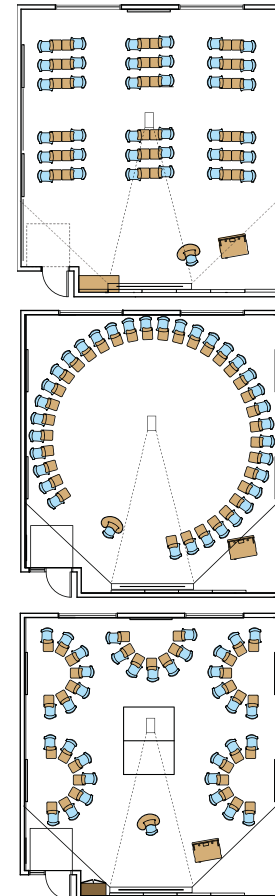
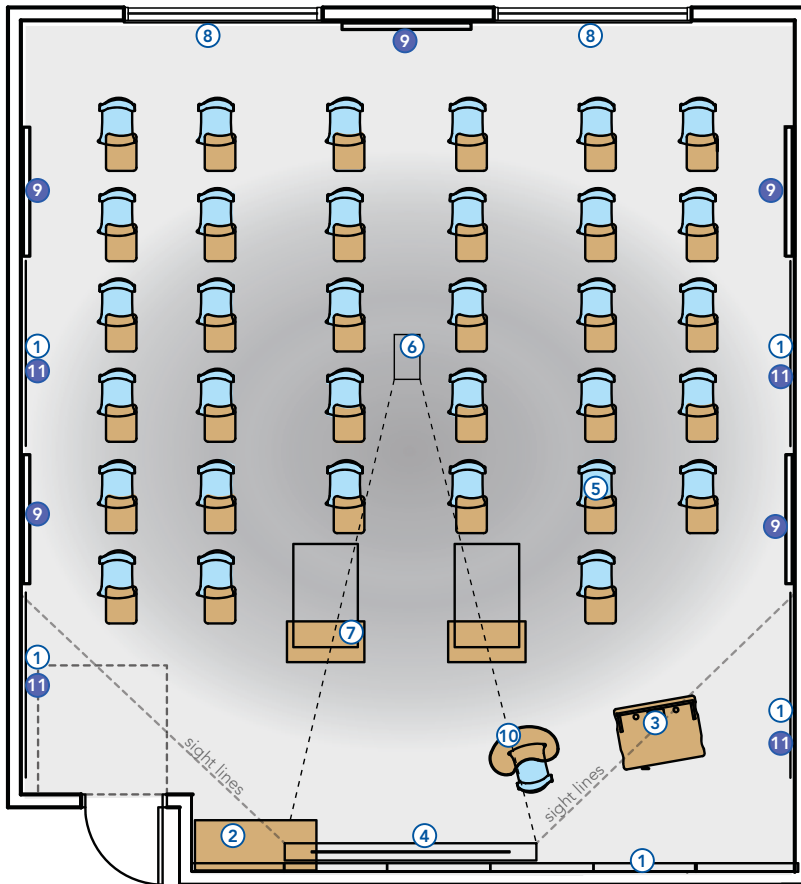
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## SMALL CLASSROOM - OPTION 1

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

- 32-35 student stations
- 990 sq. ft.



### PLAN

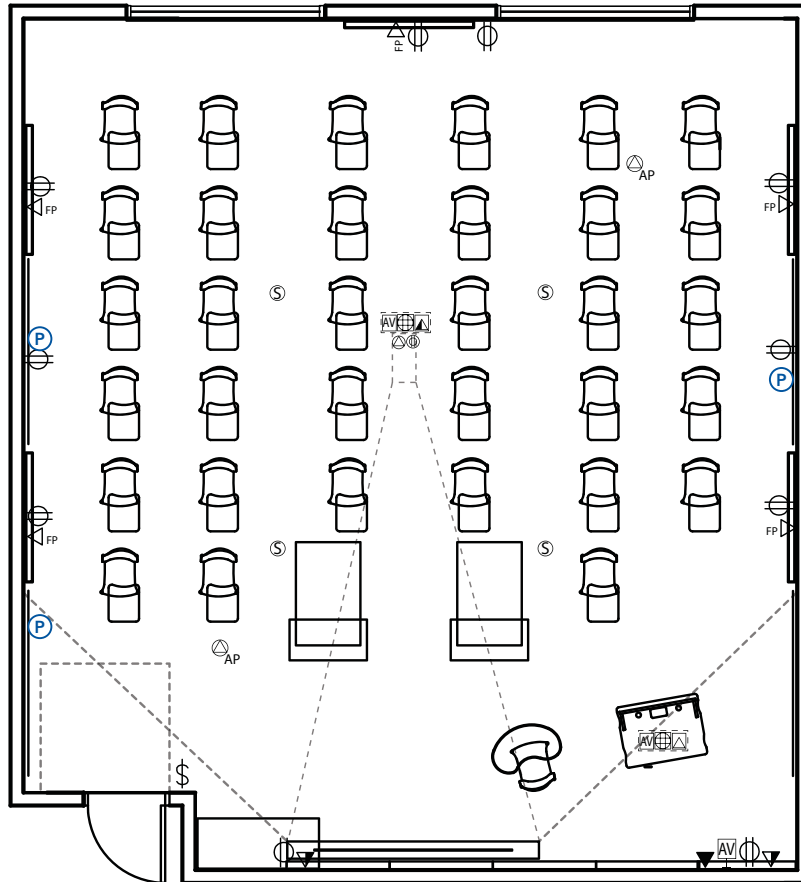
#### FURNISHINGS & EQUIPMENT

- ⓪ Indicates optional feature
- ① Markerboard
- ② Mobile flip-top support table
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motor operated 119.5" x 67.25" projection screen
- ⑤ Chair and desk
- ⑥ Projector, ceiling mounted
- ⑦ Accessible desk
- ⑧ Roller shade (window treatment)
- ⑨ Flat screen monitor
- ⑩ Mobile presentation surface
- ⑪ Backpack hooks below markerboard

#### FINISHES

Floor: Rubber or dark carpet  
 Wall: Paint & Acoustical wall treatment  
 Ceiling Ht: 10'-11'  
 Ceiling Type: Acoustical ceiling tile  
 Chair Rail: 3 walls

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ⊕ Ceiling duplex, power for projector                |
| ▲ Tel/Data  | ⊕ Ceiling data for projector                         |
| ⊕ Flush floor-mounted quadruplex                    | ⊕ <sub>AP</sub> Ceiling wireless access point outlet |
| ⊕ Flush floor-mounted data                          | ⊕ Flat panel data                                    |
| AV A/V connector                                    | ⊕ Ceiling speaker                                    |
| ⊕ Light switch                                      |  |
| ⊕ Power for charging                                |  |
| ▲ Wall Phone  |  |
| ⊕ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.



# CLASSROOMS

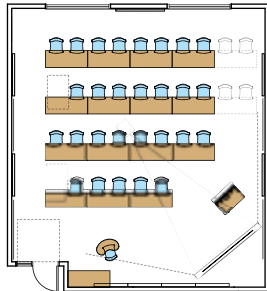
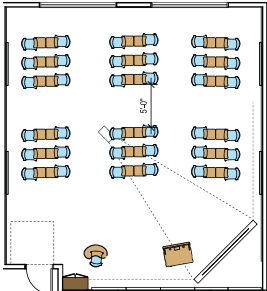
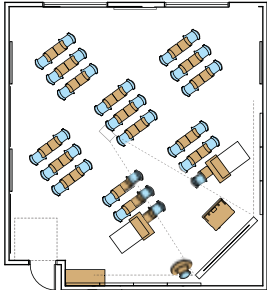
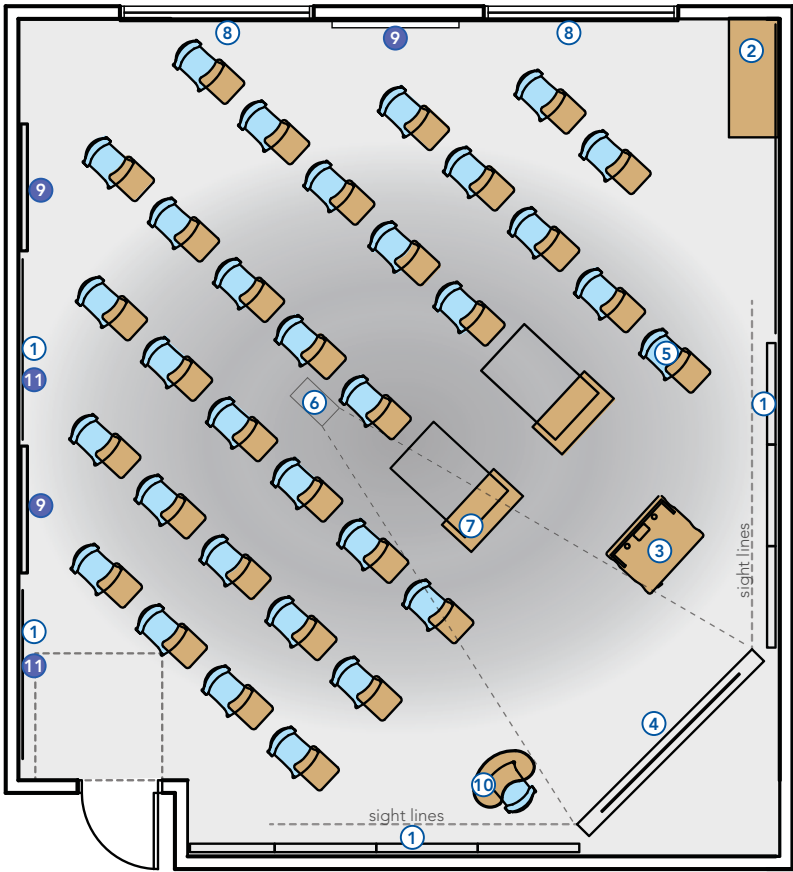
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



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

## SMALL CLASSROOM - OPTION 2

- 32-35 student stations
- 990 sq. ft.



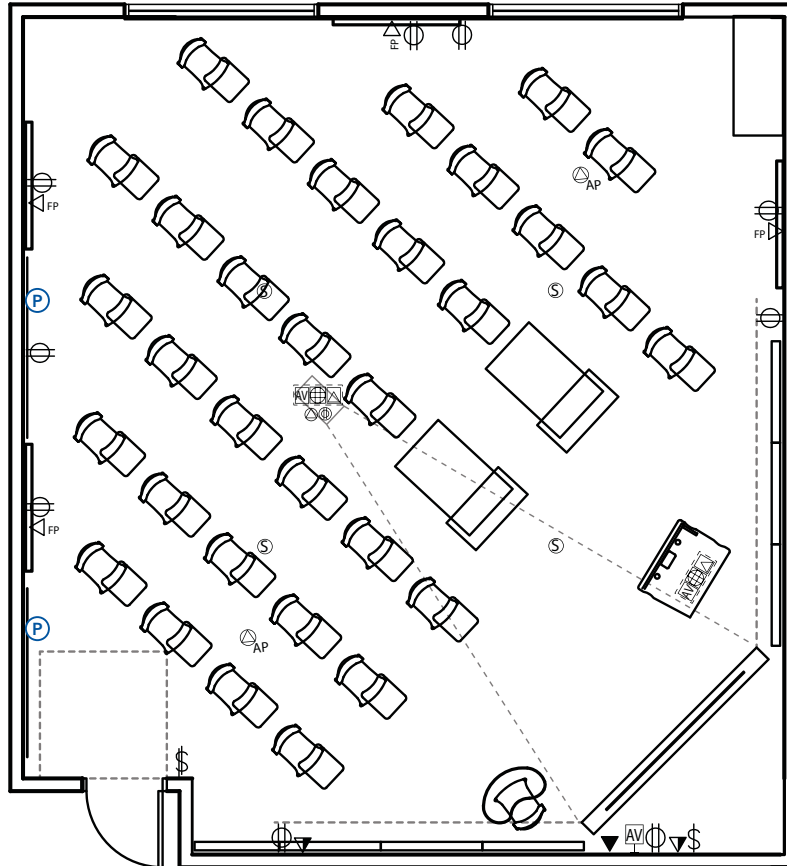
### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Indicates optional feature
- ① Markerboard
- ② Mobile fliptop support table
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motor operated 119.5" x 67.25" projection screen
- ⑤ Chair and desk
- ⑥ Projector, ceiling mounted
- ⑦ Accessible desk
- ⑧ Roller shade (window treatment)
- ⑨ Flat screen monitor
- ⑩ Mobile presentation surface
- ⑪ Backpack hooks below markerboard

#### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & Acoustical wall treatment
- Ceiling Ht: 10'-11'
- Ceiling Type: Acoustical ceiling tile
- Chair Rail: 3 walls
- Environmental Sound Control:
- Walls: min. STC 50
- Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ⊕ Ceiling duplex, power for projector  |
| ▲ Tel/Data  | ⊕ Ceiling data for projector           |
| ⊕ Flush floor-mounted quadruplex                    | ⊕ Ceiling wireless access point outlet |
| ▲ Flush floor-mounted data                          | ⊕ AP                                   |
| AV A/V connector                                    | ⊕ Flat panel data                      |
| \$ Light switch                                     | ⊕ Ceiling speaker                      |
| P Power for charging                                |  |
| ▲ Wall Phone  |  |
| E Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# CLASSROOMS

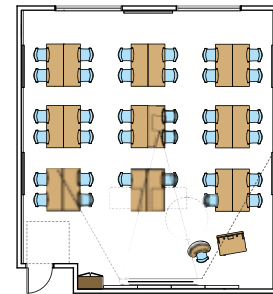
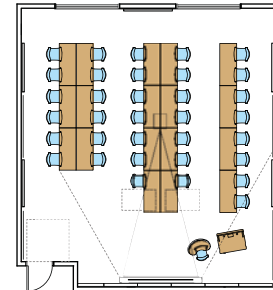
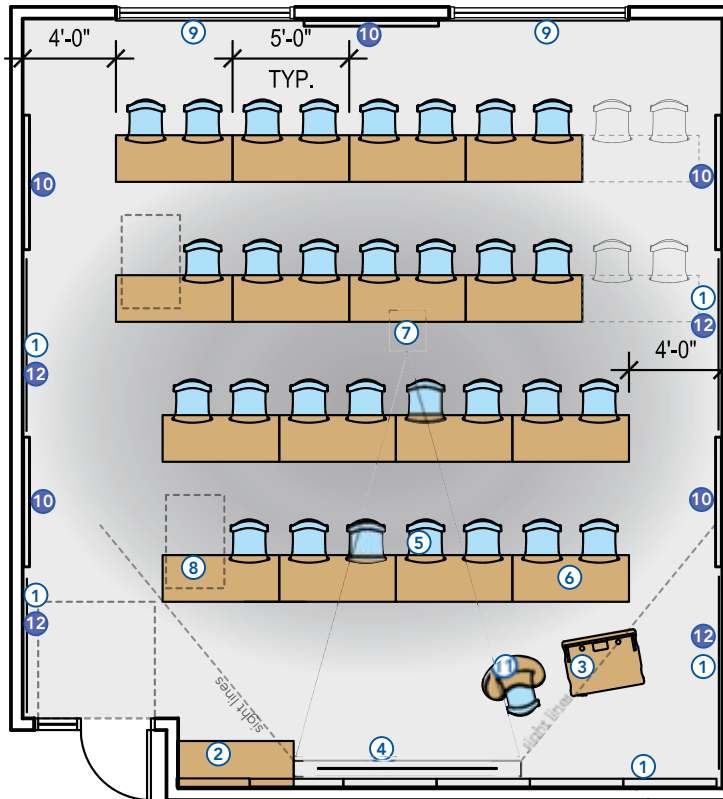
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## SMALL CLASSROOM - OPTION 3

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

- 32-35 student stations
- 990 sq. ft.



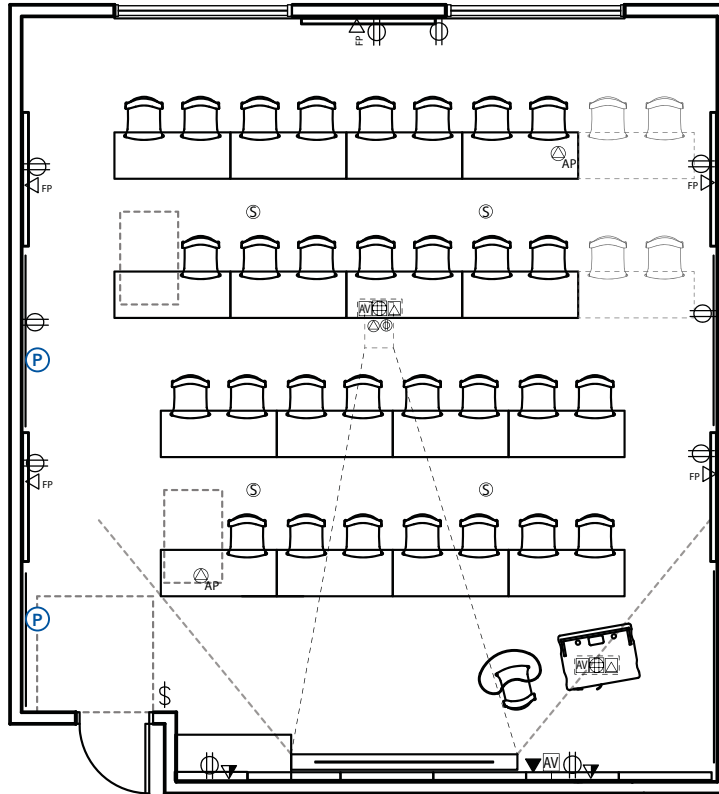
### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Indicates optional feature
- ① Markerboard
- ② Mobile fliptop support table
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motor operated projection screen, 119.5" x 67.25"
- ⑤ Stackable mobile chairs
- ⑥ Mobile tables
- ⑦ Projector, ceiling mounted
- ⑧ Accessible desk
- ⑨ Roller shade (window treatment)
- ⑩ Flat screen monitor
- ⑪ Mobile presentation surface
- ⑫ Backpack hooks below markerboard

#### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & Acoustical wall treatment
- Ceiling Ht: 10'-11'
- Ceiling Type: Acoustical ceiling tiles
- Chair Rail: 3 walls
- Environmental Sound Control:
- Walls: min. STC 50
- Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ⊕ Ceiling duplex, power for projector  |
| ▲ Tel/Data  | ⊕ Ceiling data for projector           |
| ⊕ Flush floor-mounted quadruplex                    | ⊕ Ceiling wireless access point outlet |
| ⊕ Flush floor-mounted data                          | ⊕ Flat panel data                      |
| AV A/V connector                                    | ⊕ Ceiling speaker                      |
| ⊕ Light switch                                      |  |
| ⊕ Power for charging                                |  |
| ▲ Wall phone  |  |
| ⊕ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# CLASSROOMS

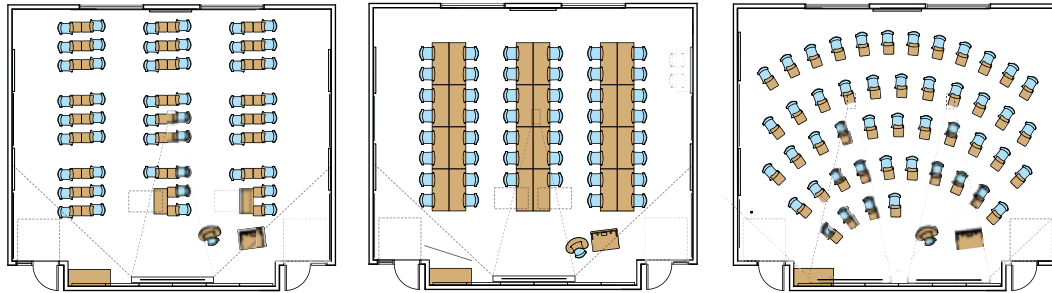
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



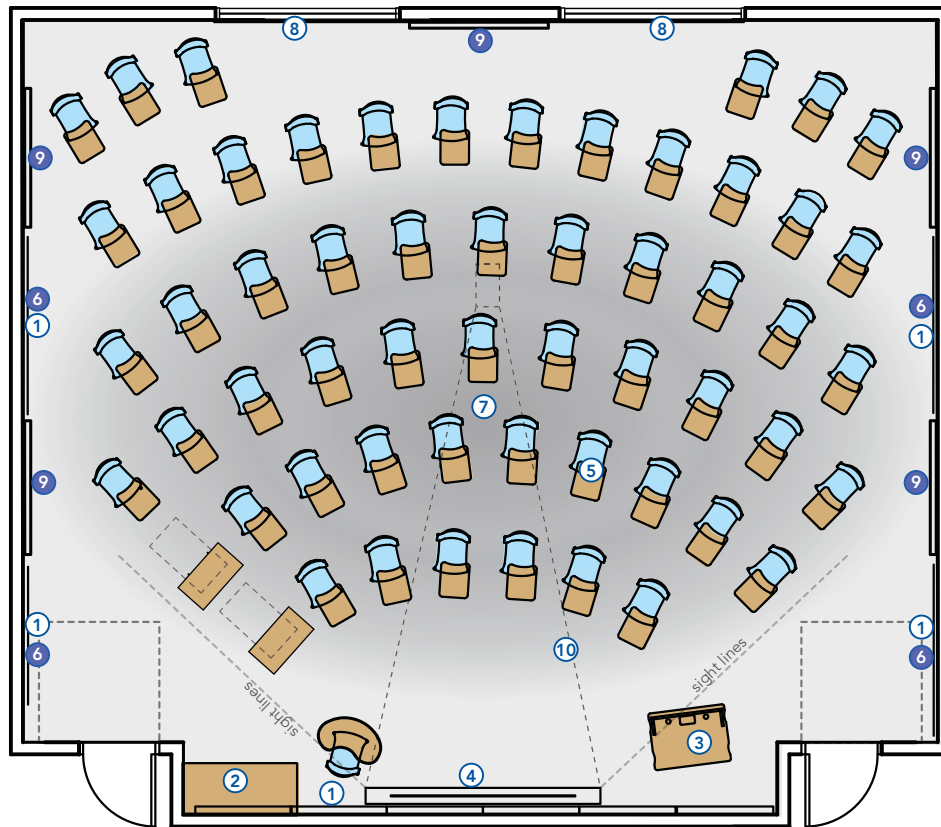
## MEDIUM CLASSROOM - OPTION 1

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

- 50-55 student stations
- 1,254 sq. ft.



**NOTE:**  
Double  
Projection  
Screen  
Option - if  
budget  
allows



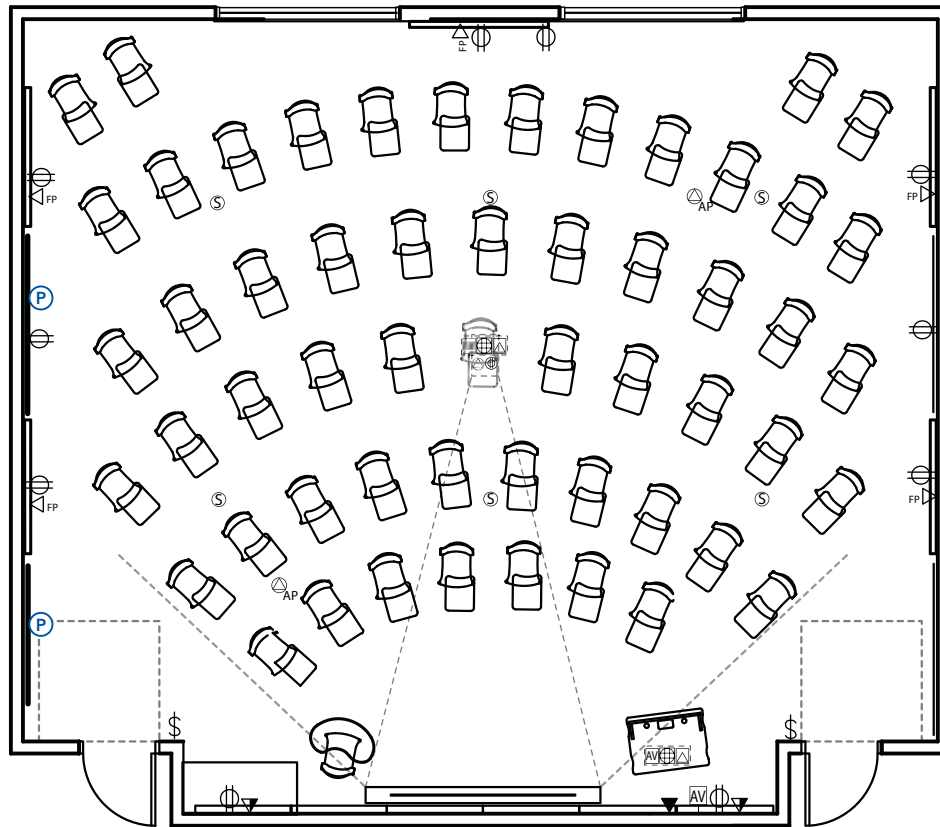
PLAN

### FURNISHINGS & EQUIPMENT

- ① Indicates optional feature
- ① Markerboard
- ② Mobile fiptop table
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motorized projection screen, 119.5" x 67.25"
- ⑤ Desk & Chair
- ⑥ Backpack hooks below markerboard
- ⑦ Projector, ceiling mounted
- ⑧ Roller shade (window treatment)
- ⑨ Flat screen monitors
- ⑩ Mobile presentation surface

### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & Acoustical wall treatment
- Ceiling Ht: 10'-11'
- Ceiling Type: Acoustical ceiling tile
- Chair Rail: 3 walls
- Environmental Sound Control:  
Walls: min. STC 50  
Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |    |   |                 |                                      |
|----|---|-----------------|--------------------------------------|
| ⊕  | Duplex  | ▲               | Wall phone                           |
| ▲  | Tel/Data  | ⊕               | Ceiling duplex, power for projector  |
| ⊕  | Flush floor-mounted quadruplex                    | ⊕               | Ceiling data for projector           |
| ⊕  | Flush floor-mounted data                          | ⊕ <sub>AP</sub> | Ceiling wireless access point outlet |
| AV | A/V connector                                     | ◁ <sub>FP</sub> | Flat panel data                      |
| \$ | Light switch                                      | ⊕               | Ceiling speaker                      |
| P  | Power for charging                                |                 |                                      |
| E  | Emergency call button - location to be determined |                 |                                      |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# CLASSROOMS

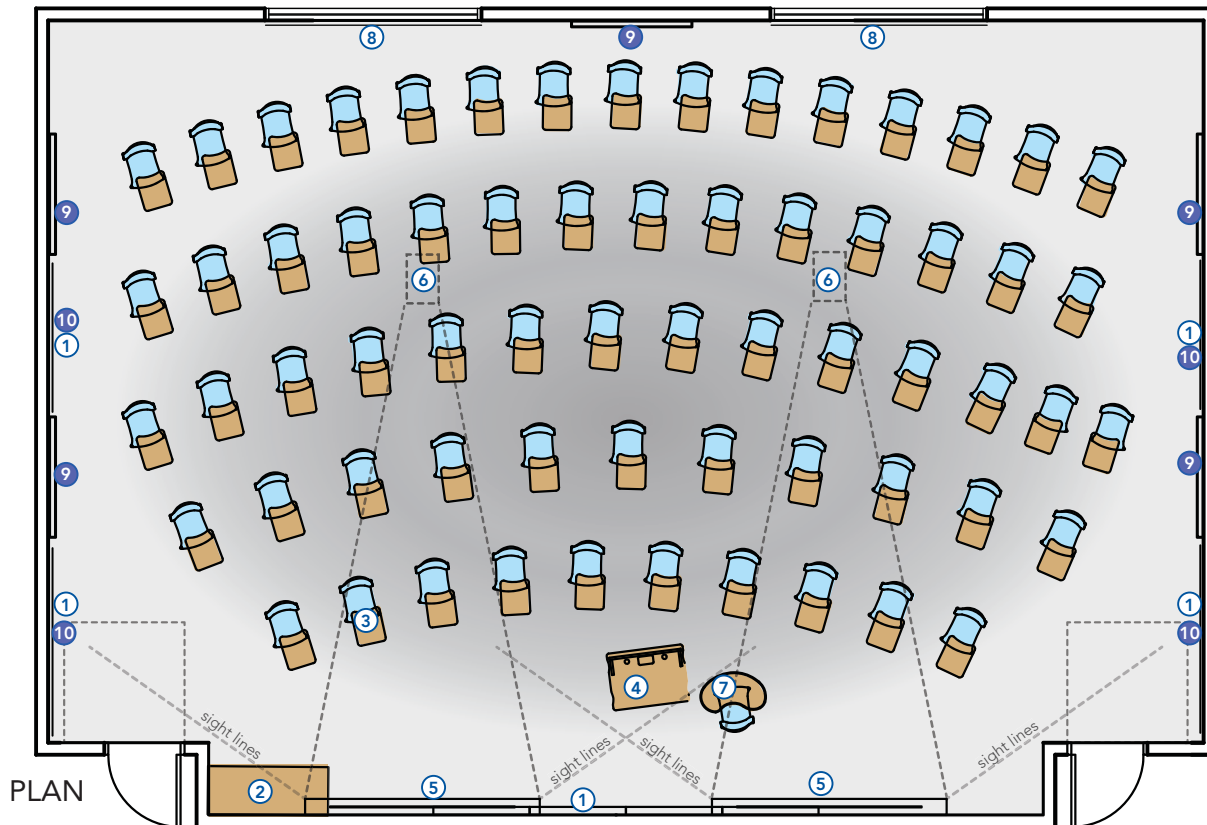
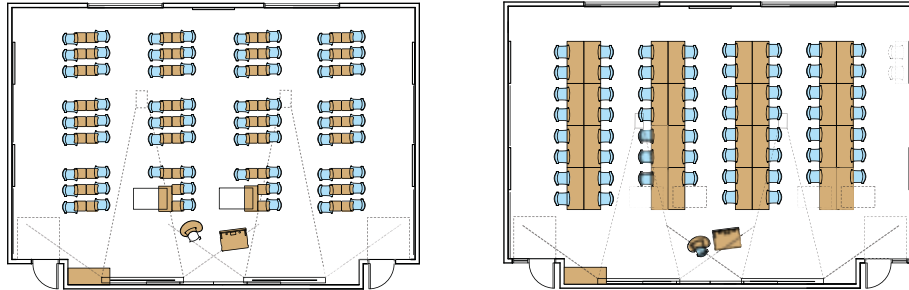
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## MEDIUM CLASSROOM - OPTION 2

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

- 64 student stations
- 1,585 sq. ft.

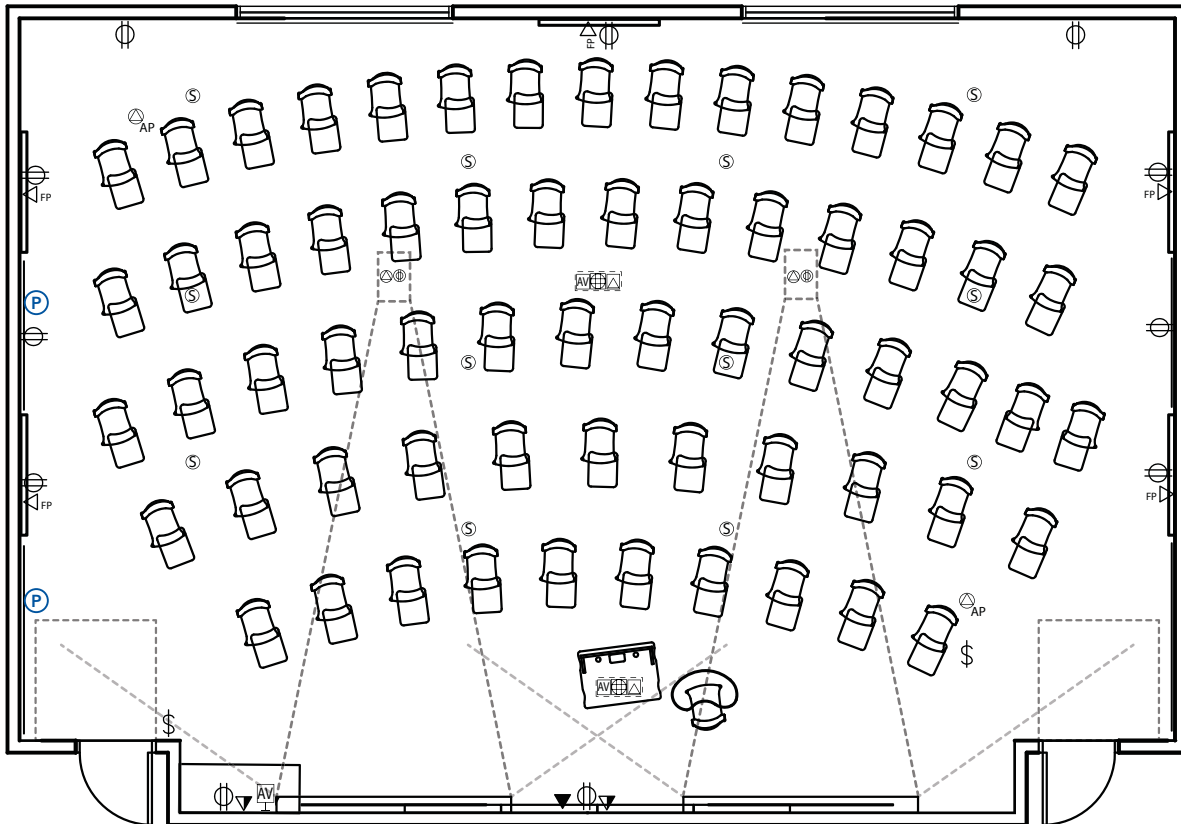


### FURNISHINGS & EQUIPMENT

- 0 Indicates optional feature
- 1 Markerboard
- 2 Mobile fliptop support table
- 3 Desk & Chair
- 4 Mobile instructor station with A/V equipment rack, power conditioner, fan
- 5 Motor operated projection screen, 128" x 72"
- 6 Projector, ceiling mounted
- 7 Mobile presentation surface
- 8 Roller shade
- 9 Flat screen monitors
- 10 Backpack hooks below markerboard

### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & Acoustical wall treatment
- Ceiling Ht: 10'-6"-11'
- Ceiling Type: Acoustical ceiling tile
- Chair Rail: 3 walls
- Environmental Sound Control:
- Walls: min. STC 50
- Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ▲ Wall phone                           |
| ▲ Tel/Data  | ⊕ Ceiling duplex, power for projector  |
| ⊕ Flush floor-mounted quadruplex                    | ⊕ Ceiling data for projector           |
| ⊕ Flush floor-mounted data                          | ⊕ Ceiling wireless access point outlet |
| AV A/V connector                                    | ◁ <sub>FP</sub> Flat panel data        |
| ⊕ Light switch                                      | ⊕ Ceiling speaker                      |
| ⊕ Power for charging                                |  |
| ⊕ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.



# CLASSROOMS

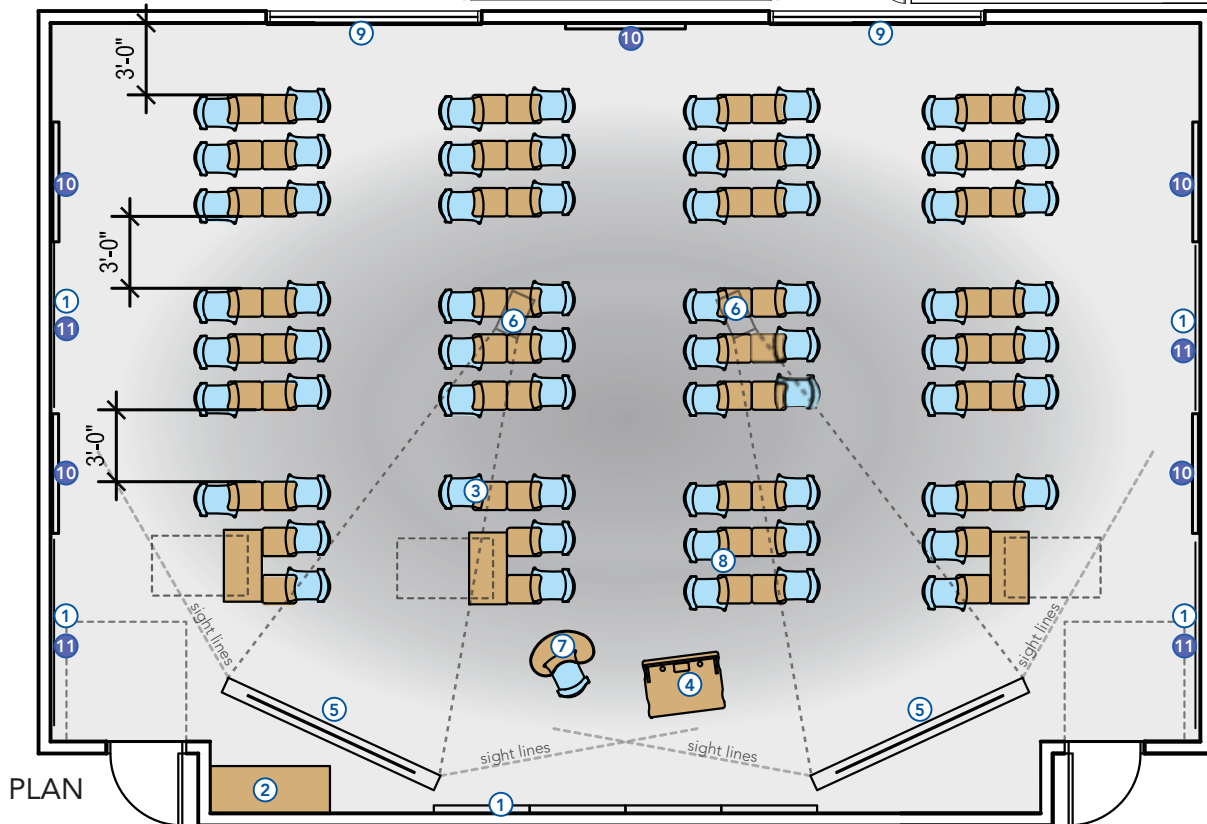
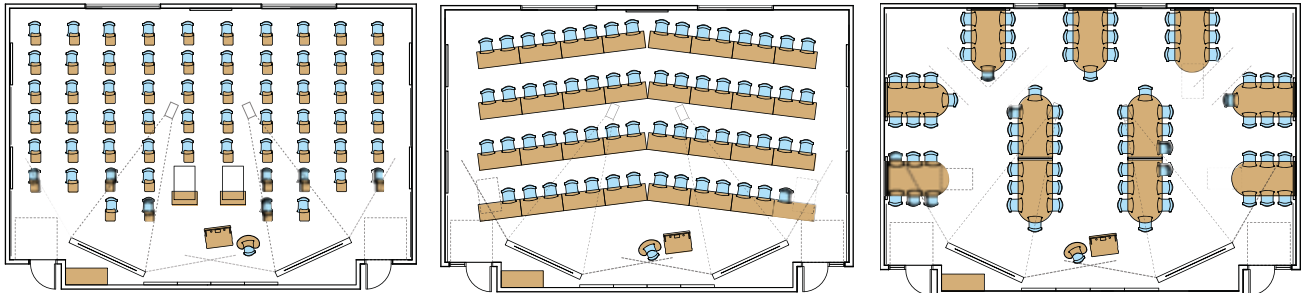
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## MEDIUM CLASSROOM - OPTION 3

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

- 64 student stations
- 1,585 sq. ft.

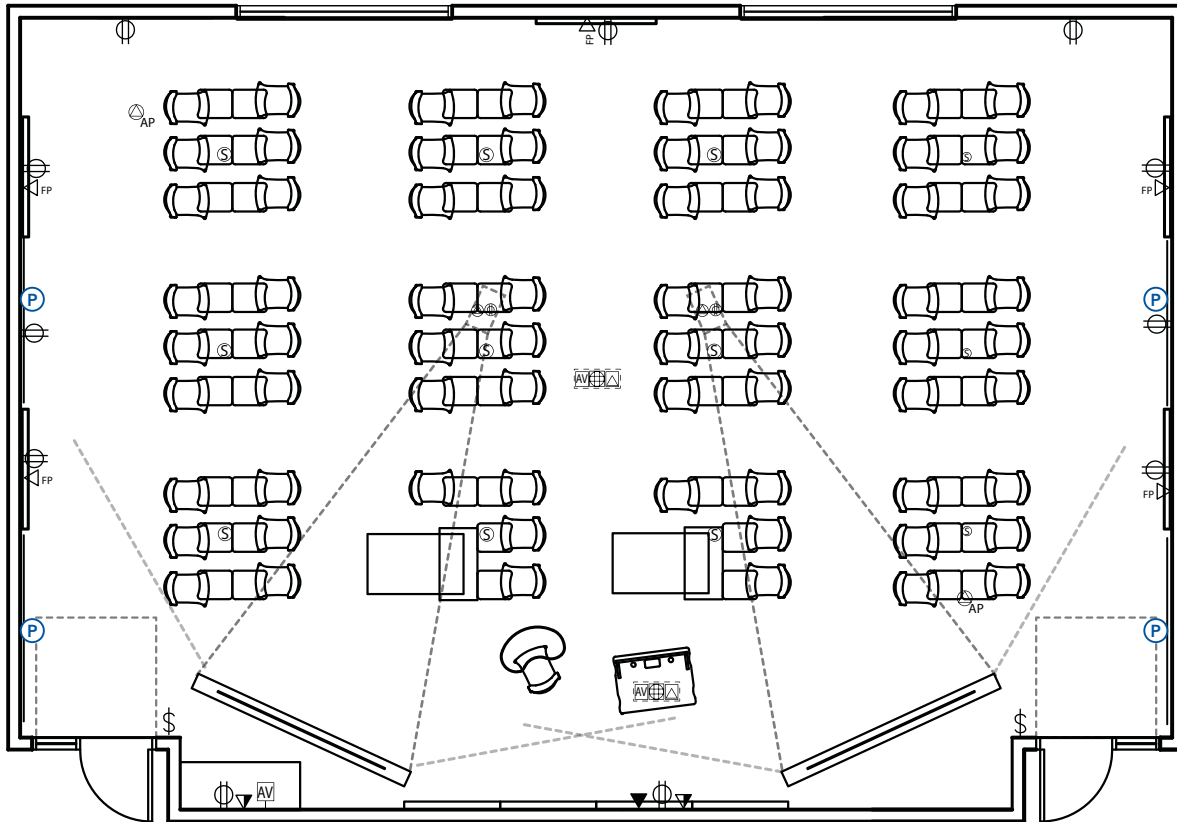


### FURNISHINGS & EQUIPMENT

- 0 Indicates optional feature
- 1 Markerboard
- 2 Mobile flip-top support table
- 3 Desk and Chair
- 4 Mobile instructor station with A/V equipment rack, power conditioner, fan
- 5 Motorized projection screen, 128" x 72"
- 6 Projector, ceiling mounted
- 7 Mobile presentation surface
- 8 Accessible desk
- 9 Roller shade (window treatment)
- 10 Flat screen monitors
- 11 Backpack hooks below markerboard

### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & Acoustical wall treatment
- Ceiling Ht: 10'-6"-11'
- Ceiling Type: Acoustical ceiling tile
- Chair Rail: 3 walls
- Environmental Sound Control: Walls: min. STC 50  
Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ▲ Wall phone                           |
| ▲ Tel/Data  | ⊕ Ceiling duplex, power for projector  |
| ⊕ Flush floor-mounted quadruplex                    | ⊕ Ceiling data for projector           |
| ⊕ Flush floor-mounted data                          | ⊕ Ceiling wireless access point outlet |
| AV A/V connector                                    | ◁ <sub>FP</sub> Flat panel data        |
| Ⓢ Light switch                                      | Ⓢ Ceiling speaker                      |
| Ⓟ Power for charging                                |  |
| Ⓢ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# CLASSROOMS

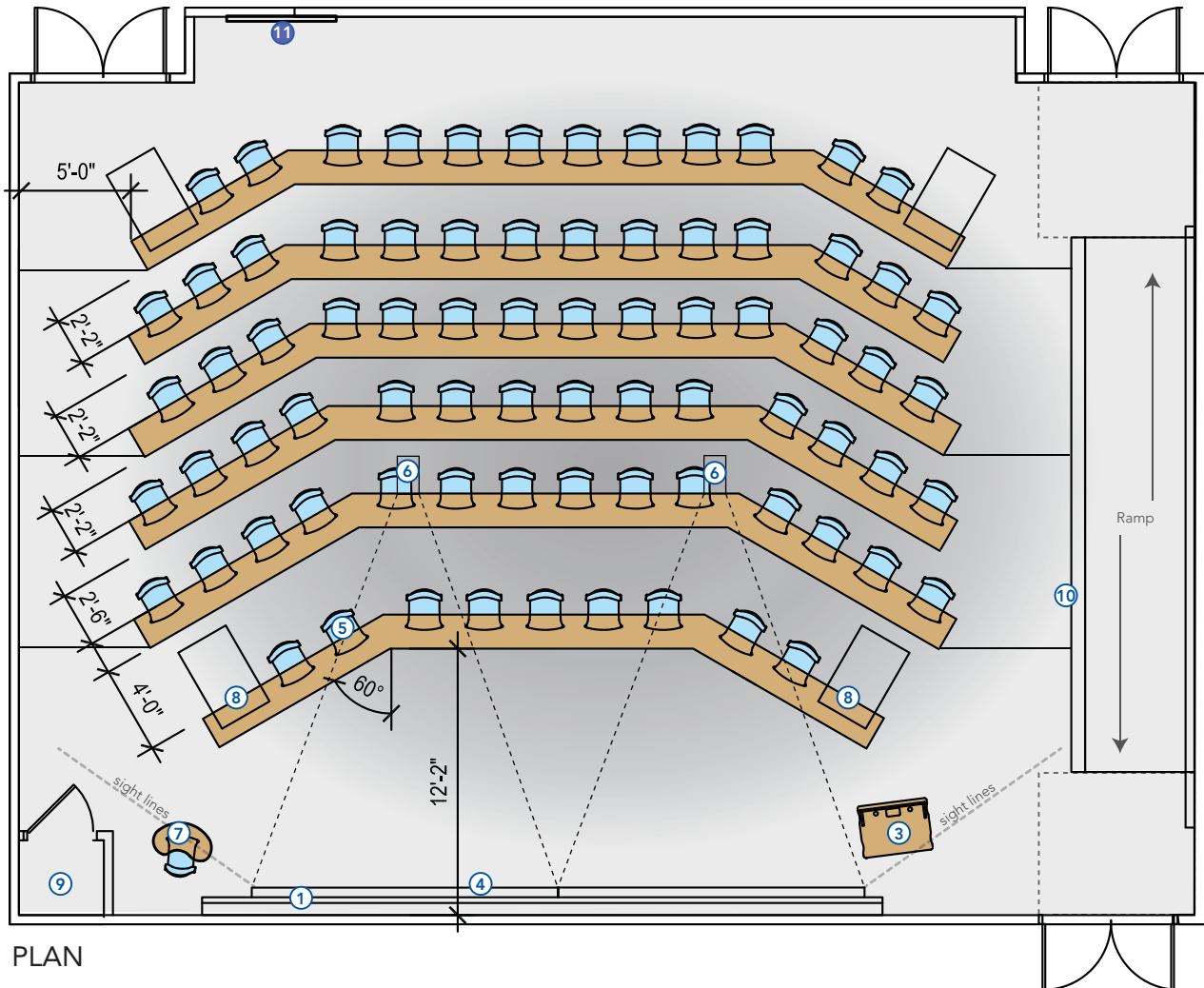
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## LARGE CLASSROOM - OPTION 1

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

- 80 student stations
- 2,125 sq. ft. - tiered floor



PLAN

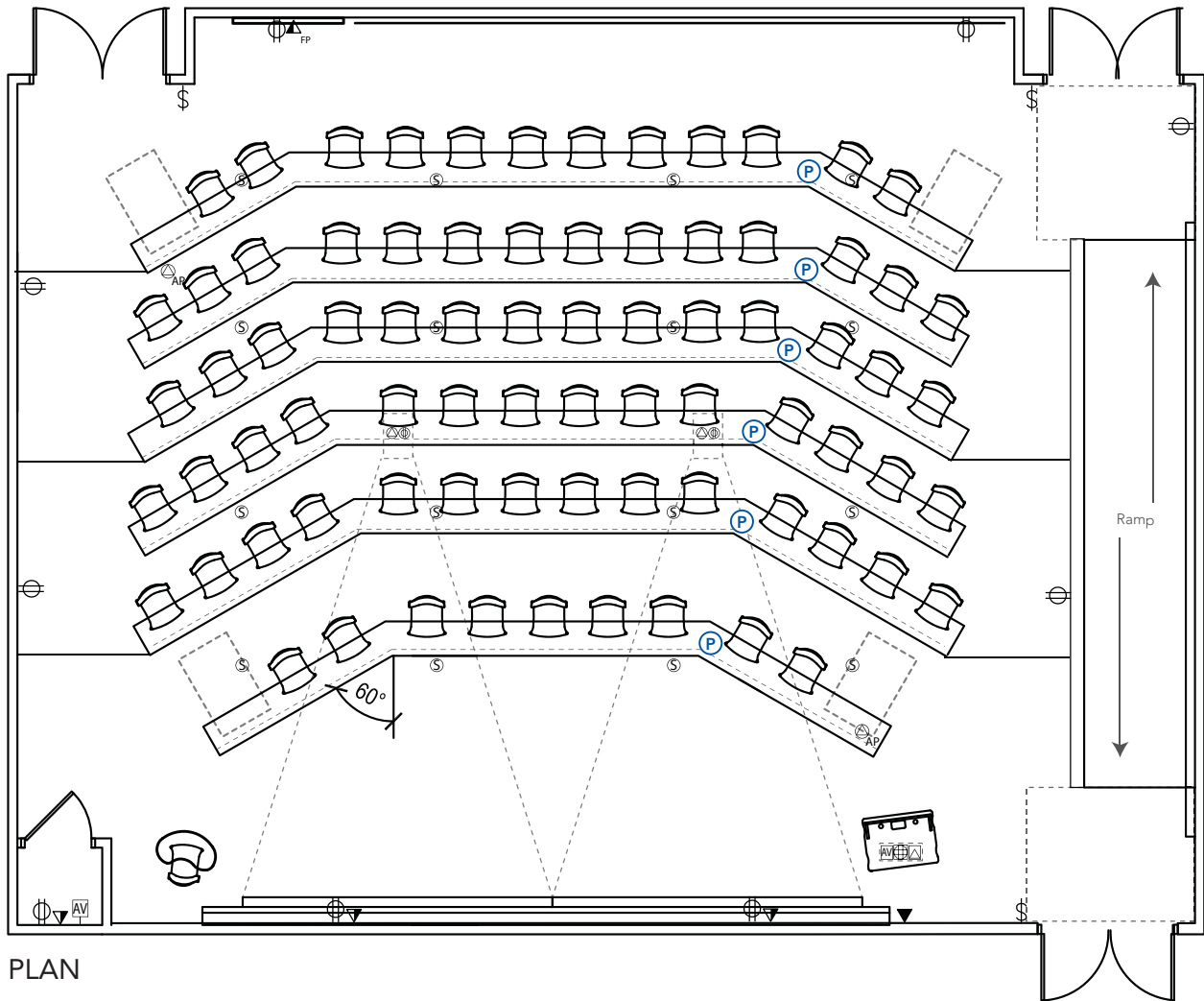
### FURNISHINGS & EQUIPMENT

- ⓪ Indicates optional feature
- ① Markerboard
- ② Mobile flip-top support table
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motorized projection screen 136.5" x 76.75"
- ⑤ Stackable, loose chairs
- ⑥ Projector, ceiling mounted
- ⑦ Mobile instructor station
- ⑧ Accessible seat
- ⑨ AV equipment rack
- ⑩ Partial height wall with railing
- ⑪ Flat screen monitor

### FINISHES

Floor: Carpet or dark carpet  
 Wall: Paint & Acoustical wall treatment  
 Ceiling Ht: 12'-14' min.  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |  |  |
|--|--|
| ⊕ Duplex   | ⊕ Ceiling duplex, power for projector                |
| ▲ Tel/Data   | ⊕ Ceiling data for projector                         |
| ⊕ Flush floor-mounted quadruplex                     | ⊕ <sub>AP</sub> Ceiling wireless access point outlet |
| ▲ Flush floor-mounted data                           | ◁ <sub>FP</sub> Flat panel data                      |
| AV A/V connector                                     | ⊙ Ceiling speaker                                    |
| \$ Light switch                                      |  |
| - ⊕ Power/data raceway, typ. for all fixed furniture |  |
| ⊕ Emergency call button - location to be determined  |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting.

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# CLASSROOMS

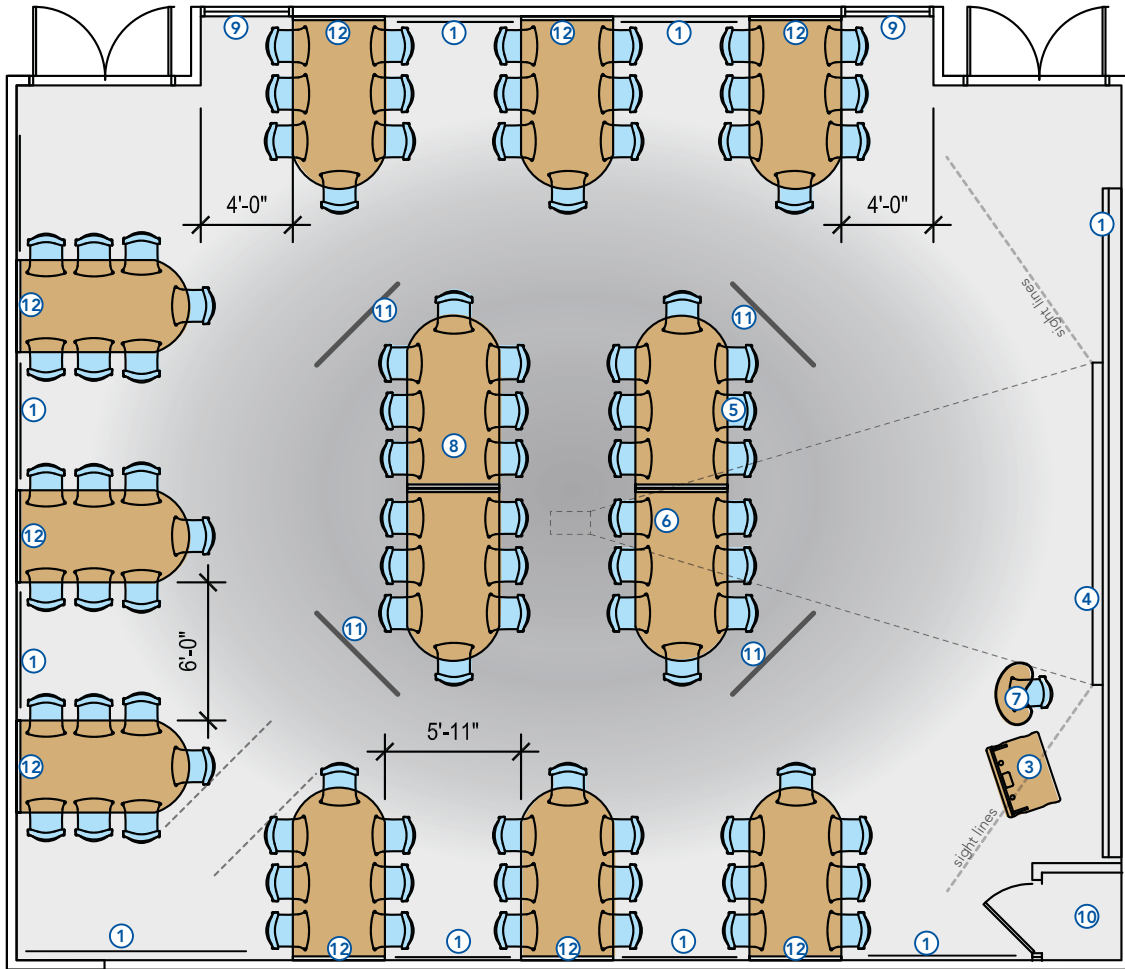
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## LARGE CLASSROOM - OPTION 2

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

- 80+ student stations
- 1,968 sq. ft. - flat floor



### PLAN

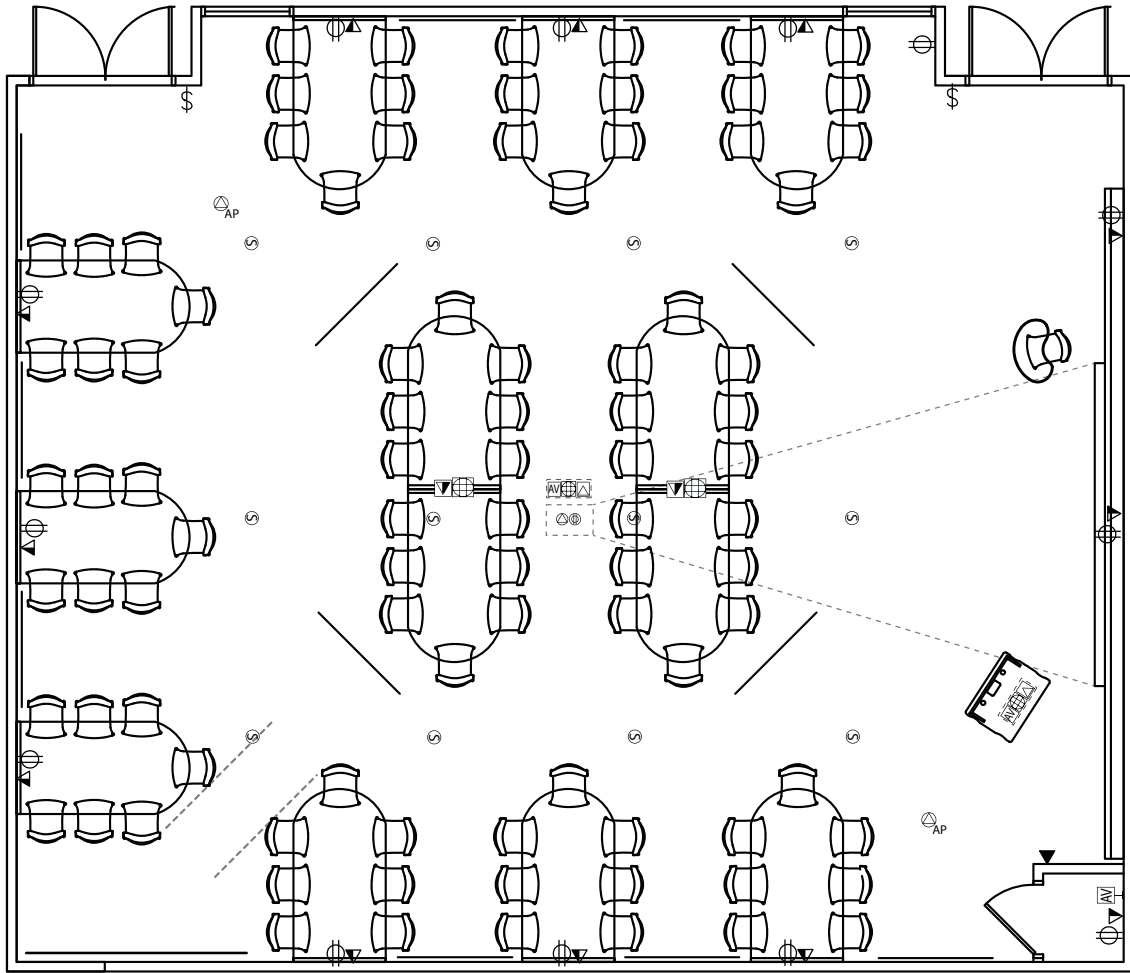
#### FURNISHINGS & EQUIPMENT

- ① Indicates optional feature
- ① Markerboard
- ② Mobile fiptop support table
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motorized projection screen 128" x 72"
- ⑤ Mobile chairs
- ⑥ Projector, ceiling mounted
- ⑦ Mobile instructor station
- ⑧ Monitor table stations
- ⑨ Roller shade (window treatment)
- ⑩ AV equipment rack
- ⑪ Mobile marker easel
- ⑫ Flat screen monitors

#### FINISHES

Floor: Rubber or dark carpet  
 Wall: Paint & acoustical treatment  
 Ceiling Ht: 10'-11'  
 Ceiling Type: Acoustical ceiling tiles

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ⊕ Ceiling duplex, power for projector                |
| ▲ Tel/Data  | ⊕ Ceiling data for projector                         |
| ⊞ Flush floor-mounted quadruplex                    | ⊕ <sub>AP</sub> Ceiling wireless access point outlet |
| ⊞ Flush floor-mounted data                          | ◁ <sub>FP</sub> Flat panel data                      |
| AV A/V connector                                    | ⊙ Ceiling speaker                                    |
| \$ Light switch                                     |  |
| ⓔ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting.

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# CLASSROOMS

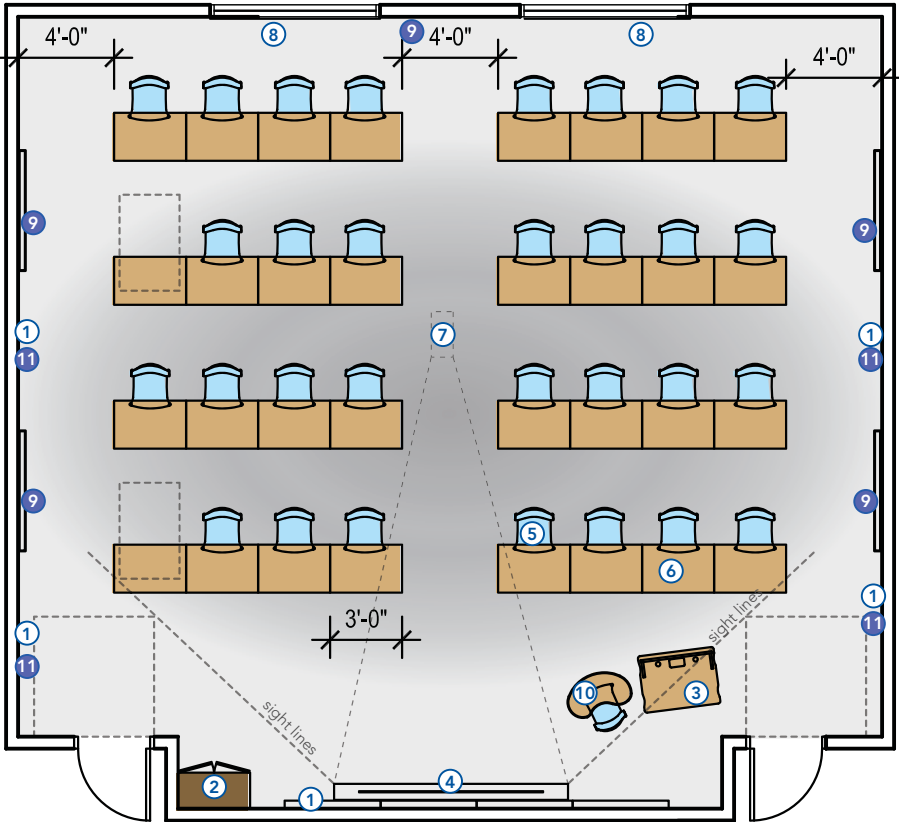
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## COMPUTER LAB - OPTION 1

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

- 32 student stations
- 1,154 sq ft



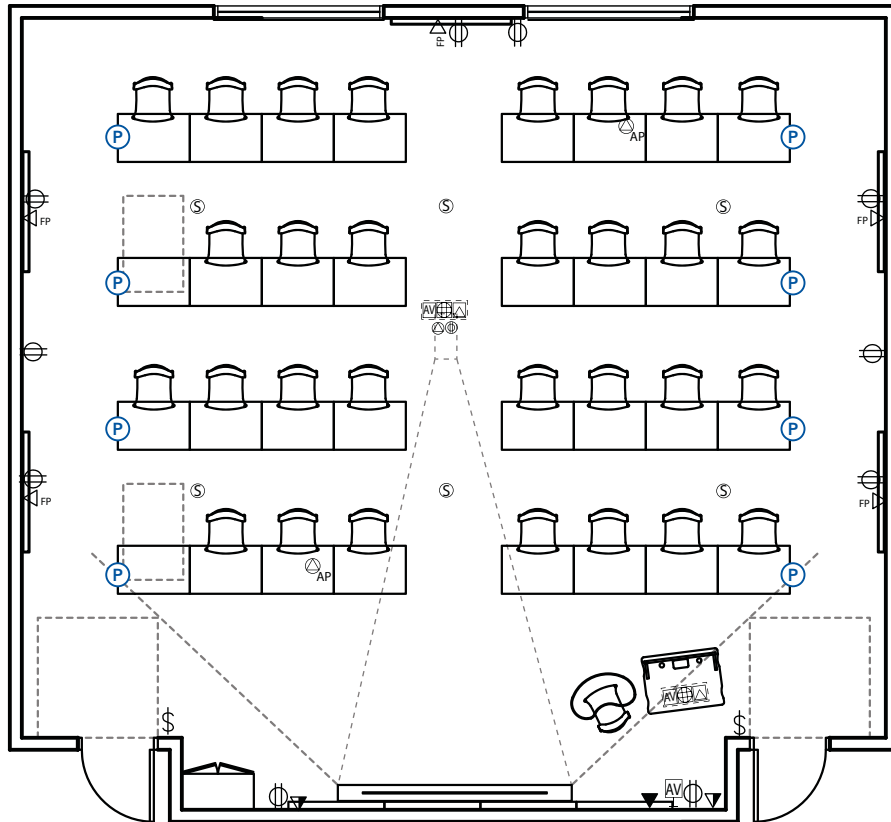
### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Indicates optional feature
- ① Markerboard
- ② Storage cabinet - lockable
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motorized projection screen, 119.5" x 67.25"
- ⑤ Mobile chairs
- ⑥ System computer desks
- ⑦ Projector, ceiling mounted
- ⑧ Roller shade (window treatment)
- ⑨ Flat screen monitors
- ⑩ Mobile presentation surface
- ⑪ Backpack hooks below markerboard

#### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & acoustical wall treatment
- Ceiling Ht: 10'-11'
- Ceiling Type: Acoustical ceiling tile
- Chair Rail: Back wall
- Environmental Sound Control: Walls: min. STC 50
- Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ⊕ Ceiling duplex, power for projector                |
| ▲ Tel/Data  | ⊕ Ceiling data for projector                         |
| ⊞ Flush floor-mounted quadruplex                    | ⊕ <sub>AP</sub> Ceiling wireless access point outlet |
| ⊞ A/V connector                                     | ◁ <sub>FP</sub> Flat panel data                      |
| \$ Light switch                                     | Ⓢ Ceiling speaker                                    |
| Ⓟ Data & Power for connection for furniture system  |  |
| ▲ Wall phone  |  |
| Ⓜ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.



# CLASSROOMS

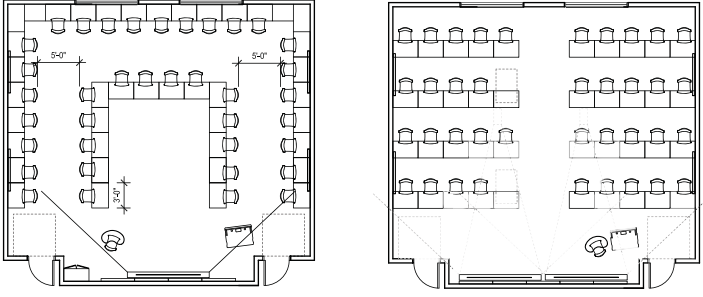
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



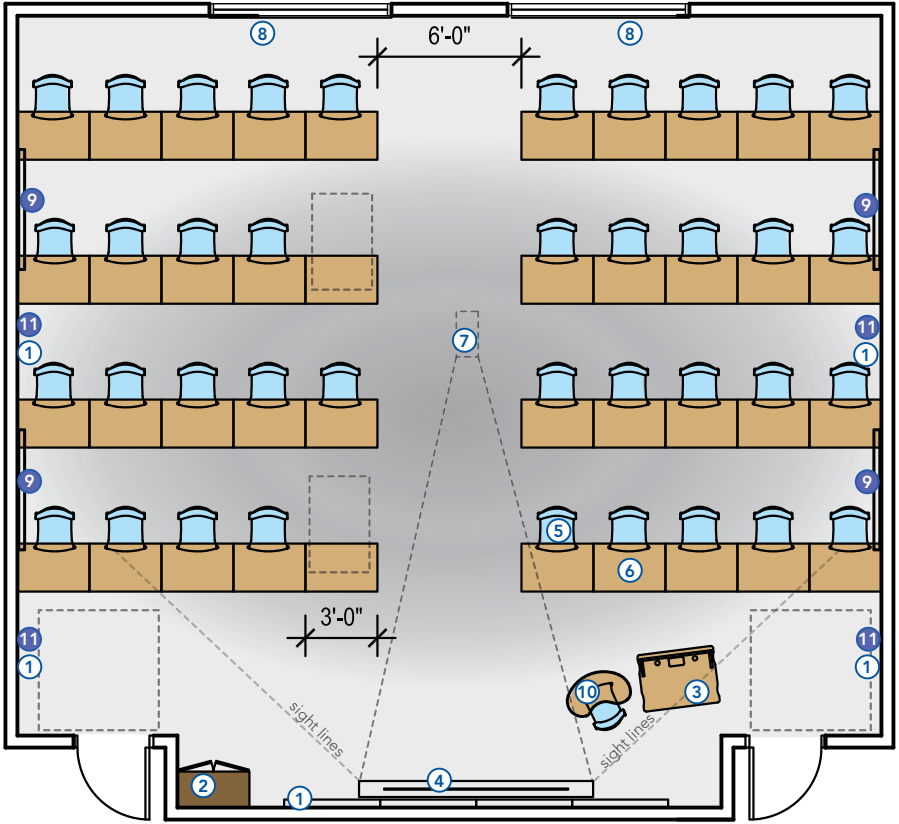
## COMPUTER LAB - OPTION 2

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

- 36-40 student stations
- 1,154 sq ft



**NOTE:**  
Double Projection Screen Option - if budget allows



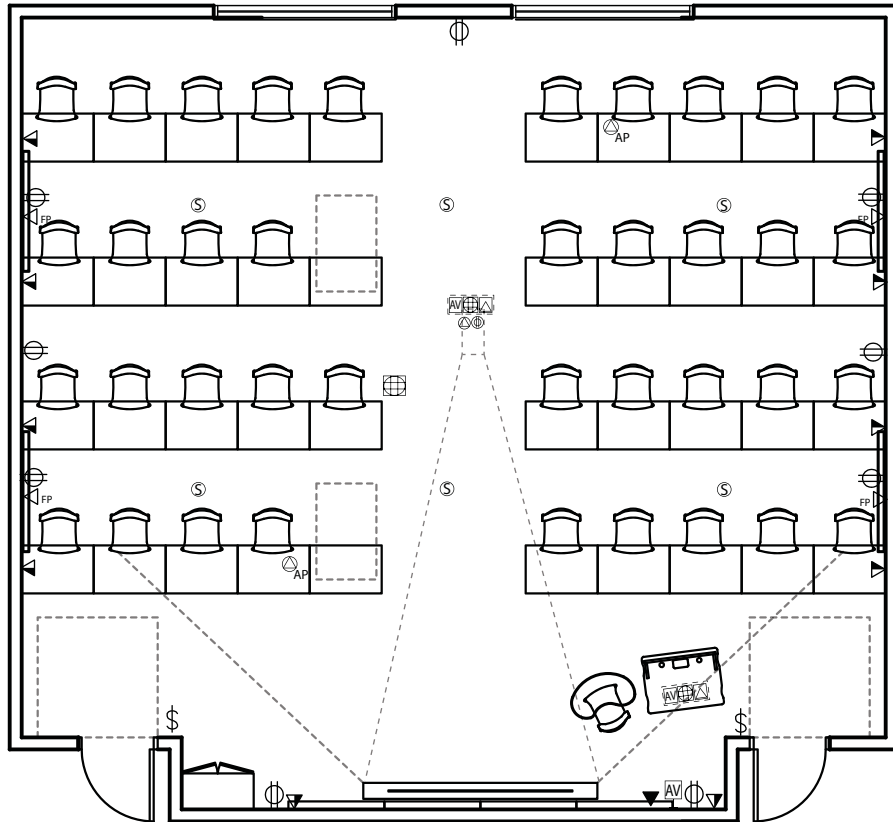
PLAN

### FURNISHINGS & EQUIPMENT

- ① Indicates optional feature
- ① Markerboard
- ② Storage cabinet - lockable
- ③ Mobile instructor station with A/V equipment rack, power conditioner, fan
- ④ Motor operated projection screen, 119.5" x 67.25"
- ⑤ Mobile chairs
- ⑥ System computer desk
- ⑦ Projector, ceiling mounted
- ⑧ Double roller shade (window treatment)
- ⑨ Flat screen monitors
- ⑩ Mobile presentation surface

### FINISHES

- Floor: Rubber or dark carpet
- Wall: Paint & Acoustical wall treatment
- Ceiling Ht: 10'-11'
- Ceiling Type: Acoustical ceiling tile
- Chair Rail: Back wall
- Environmental Sound Control:
- Walls: min. STC 50
- Ceilings: min. CAC 35, NRC .70



PLAN

SYMBOLS

- |   |  |
|---|--|
| ⊕ Duplex  | ⊕ Ceiling duplex, power for projector                |
| ▲ Tel/Data  | ⊕ Ceiling data for projector                         |
| ⊕ Flush floor-mounted quadruplex                    | ⊕ <sub>AP</sub> Ceiling wireless access point outlet |
| ⊕ Flush floor-mounted data                          | ◁ <sub>FP</sub> Flat panel data                      |
| AV A/V connector                                    | ⊙ Ceiling speaker                                    |
| \$ Light switch                                     |  |
| ⊙ Power   |  |
| ▲ Wall phone  |  |
| ⊙ Emergency call button - location to be determined |  |

HVAC:

Thermostat by door

LIGHTING:

LED lighting

NOTES:

- Avoid locating electrical panels in classrooms.
- Avoid chilled water equipment above the ceiling of all classrooms.

# Part B CONFERENCE/MEETING ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



SMALL GROUP/TUTOR ROOM

A well designed conference room helps for effective and clear communication of ideas and dialogue. Conference room design demands not only need to have the appropriate furniture and equipment, but it also calls for the right space, atmosphere, lighting and technology support.

## LIGHTING

For rooms with exterior windows, the window treatments should contain solar blocking or blackout options to prevent glare for audio visual use.

## ACOUSTICAL CONTROL

Conference room interiors should be designed seeking the comfort level of the users and should not allow for external sound to interfere with internal interaction. Sound inside the room also needs to be controlled. Location of conference rooms and doors in these spaces will assist in acoustical control.

## FURNISHINGS

It is good practice to plan for a sufficient amount of space for the users to circulate and interact comfortably but still maintain personal space. Cluttering can & should be avoided by not crowding too many chairs around the table.



SMALL CONFERENCE ROOM



MEDIUM CONFERENCE ROOM



LARGE CONFERENCE ROOM

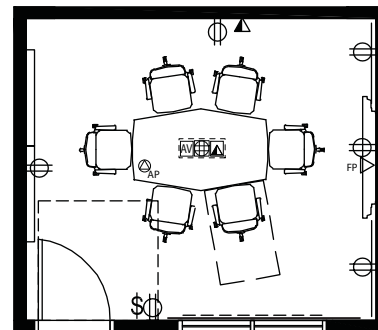
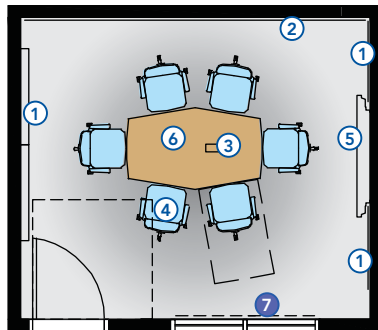
# Part B CONFERENCE/MEETING ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## SMALL GROUP/TUTOR ROOM - 180 SF / 6 SEATS

0 ft 4 ft 8 ft

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



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Indicates an optional feature
- ① Markerboard
- ② Tackable acoustical wall treatment
- ③ Power/data/phone/AV access panel
- ④ Mobile chairs
- ⑤ 65" Flat panel display, wall mounted
- ⑥ Conference table
- ⑦ Interior window - may be opaque

#### FINISHES

Floor: Carpet or Rubber  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" approximately  
 Ceiling Type: Acoustical ceiling tile

HVAC:  
 Thermostats by door

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

#### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- ⊞ Flush floor-mounted quadruplex
- ⊞ Flush floor-mounted data
- AV A/V connector
- \$ Light switch with occupancy sensor
- AP Wireless access point
- FP Flat panel data

#### LIGHTING:

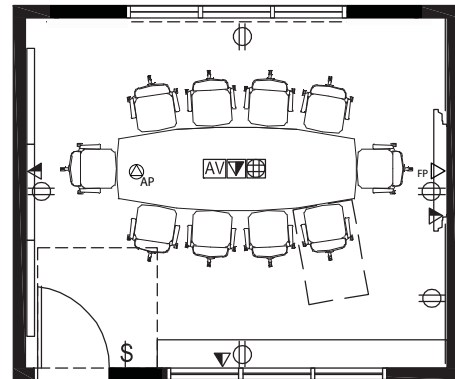
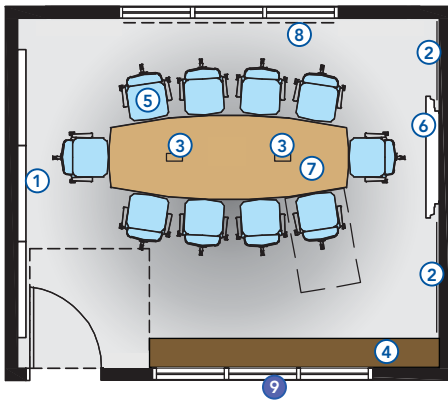
LED lighting

# SMALL GROUP ROOM

- 256 SF / 10 SEATS

0 ft 4 ft 8 ft

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



## PLAN

### FURNISHINGS & EQUIPMENT

- ⓪ Indicates an optional feature
- ① Markerboard
- ② Tackable acoustical wall treatment
- ③ Power/data/phone/AV access panel
- ④ Storage cabinet
- ⑤ Mobile chairs
- ⑥ 65" Flat panel display, wall mounted
- ⑦ Conference table
- ⑧ Roller shade (window treatment and room darkening)
- ⑨ Interior window - may be opaque

### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" approximately  
 Ceiling Type: Acoustical ceiling tile

HVAC:  
 Thermostats by door

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- ⊞ Flush floor-mounted quadruplex
- ⊞ Flush floor-mounted data
- AV A/V connector
- \$ Light switch with occupancy sensor
- ⊕AP Wireless access point
- ◁FP Flat panel data

### LIGHTING:

LED lighting

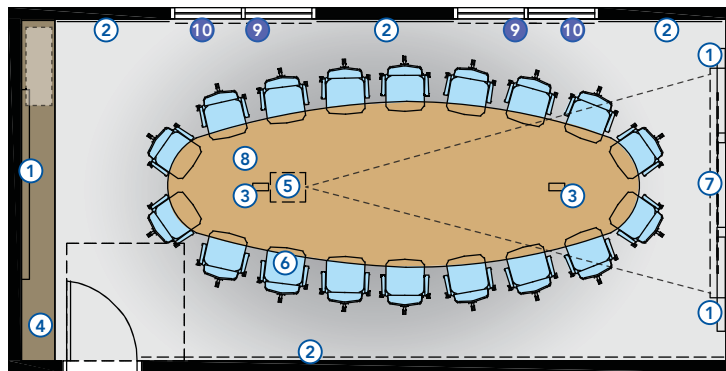
# CONFERENCE/MEETING ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## MEDIUM GROUP ROOM - 416 SF / 18 SEATS

0 ft 4 ft 8 ft

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



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Indicates an optional feature
- ① Markerboard
- ② Tackable acoustical wall treatment
- ③ Power/data/phone/AV access panel
- ④ Storage cabinet w/ space for AV equipment
- ⑤ Projector, ceiling mounted
- ⑥ Mobile chairs
- ⑦ Motorized projection screen, 42.75" x 72.5"
- ⑧ Conference table
- ⑨ Interior or exterior windows - may be opaque if interior
- ⑩ Roller shade - exterior window (window treatment)

#### FINISHES

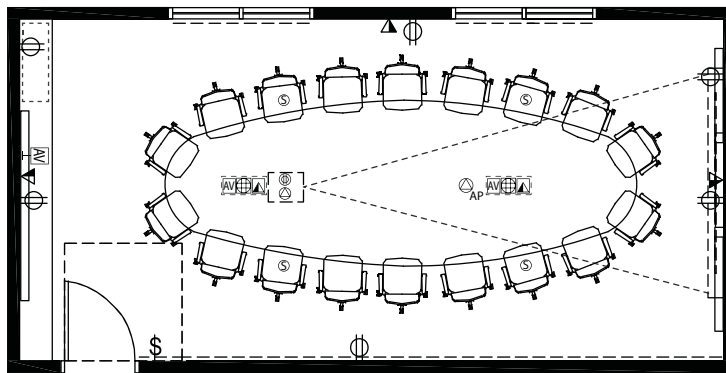
Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 10'-0"  
 Ceiling Type: Acoustical ceiling tile

HVAC:  
 Thermostats by door

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70



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



**PLAN**

SYMBOLS

- |                                       |  |
|---------------------------------------|--|
| ⊕ Duplex                              | ⊕ Ceiling duplex, power for projector                |
| ▲ Tel/Data                            | ⊕ Ceiling data for projector                         |
| ⊕ Flush floor-mounted quadruplex      | ⊕ <sub>AP</sub> Ceiling wireless access point outlet |
| ⊕ Flush floor-mounted data            | ⊕ Ceiling speaker                                    |
| AV A/V connector                      |  |
| \$ Light switch with occupancy sensor |  |

LIGHTING:

LED lighting



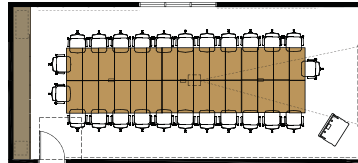
# CONFERENCE/MEETING ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

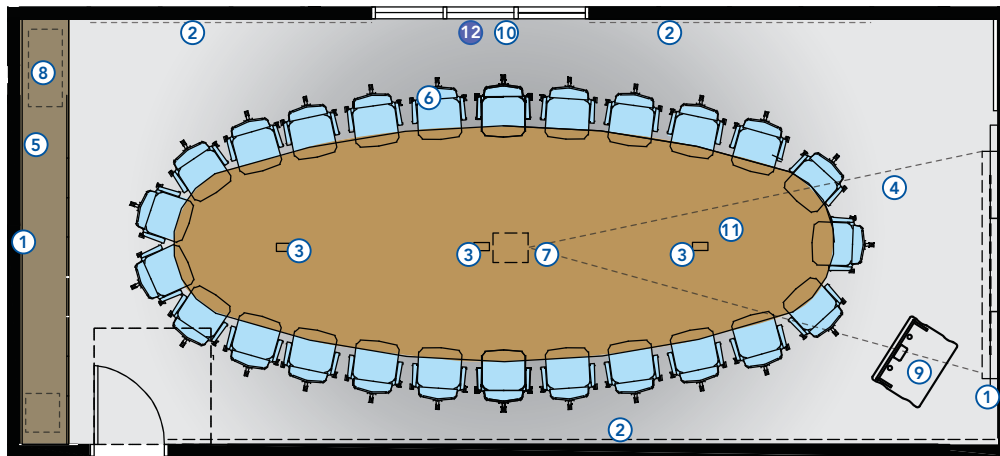
## LARGE GROUP ROOM - 650-660 SF / 25 SEATS

0 ft 4 ft 8 ft

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



**NOTE:**  
Alternative layout with modular tables.



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Markerboard
- ② Tackable acoustical wall treatment
- ③ Power/data/phone/AV access panel
- ④ Motorized projection screen, 102" x 57"
- ⑤ Low storage cabinet
- ⑥ Mobile chairs
- ⑦ Projector, recessed in ceiling
- ⑧ AV equipment
- ⑨ Mobile instructor station
- ⑩ Roller shade if exterior window (window treatment)
- ⑪ Conference table
- ⑫ Markerboard opaque glass

#### FINISHES

Floor: Carpet  
 Wall: Painted and acoustical wall treatment  
 Ceiling Ht: 10'-11' approximately  
 Ceiling Type: Acoustical ceiling tile

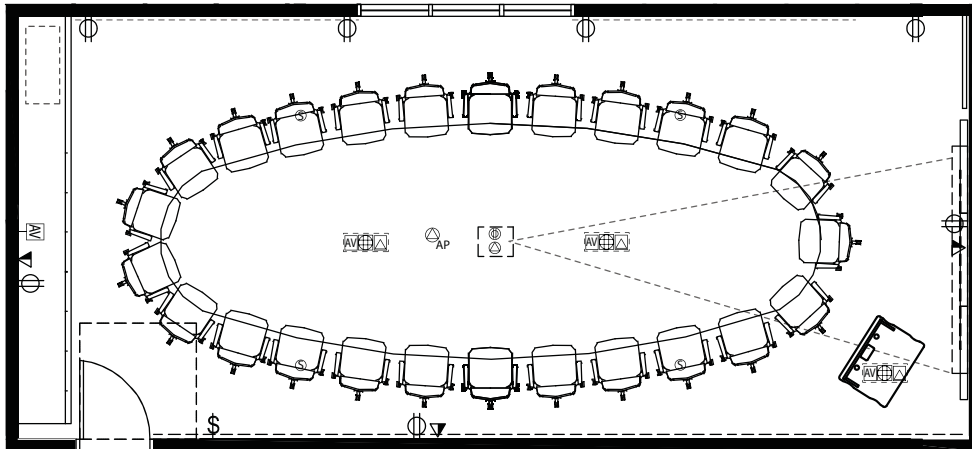
#### HVAC

Manually operated thermostats. Provide separate zone for large Conference Room.

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70



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



PLAN

SYMBOLS

- |    |                                    |                 |                                      |
|----|------------------------------------|-----------------|--------------------------------------|
| ⊕  | Duplex                             | ⊕               | Ceiling duplex, power for projector  |
| ▲  | Tel/Data                           | ⊕               | Ceiling data for projector           |
| ⊕  | Flush floor-mounted quadruplex     | ⊕ <sub>AP</sub> | Ceiling wireless access point outlet |
| ▲  | Flush floor-mounted data           | ⊕               | Ceiling speaker                      |
| AV | A/V connector                      |                 |                                      |
| \$ | Light switch with occupancy sensor |                 |                                      |

LIGHTING

LED lighting

# Part C OFFICES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS





# OFFICES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS





## DOORS

Vision panels are regularly installed to allow first responders to quickly ascertain the condition of the room occupants. At a minimum, a solid door with a vision lite is required.

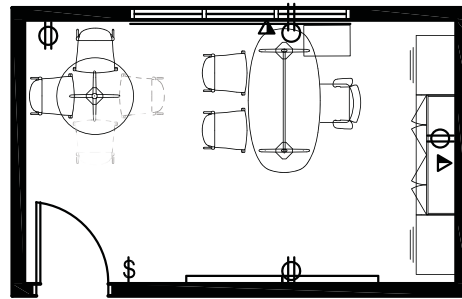
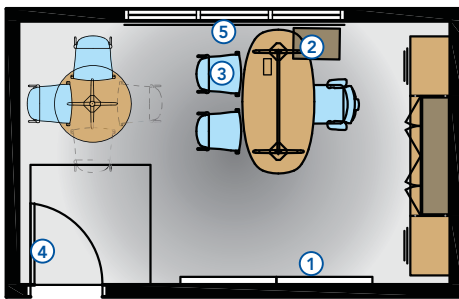
# OFFICES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## DEAN OR VP PRIVATE OFFICE - 200 SF / SINGLE OCCUPANCY

0 ft 4 ft 8 ft

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



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Markerboard/tackboard
- ② Mobile, lockable pedestal file
- ③ Guest seating
- ④ Solid wood door w/ vision lite
- ⑤ Single roller shade
- Worksurface
- Storage
- Seating

#### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 10'-0"  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

#### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- \$ Light switch with occupancy sensor

#### HVAC

Manually operated thermostats are acceptable.

#### LIGHTING

LED lighting

#### NOTES:

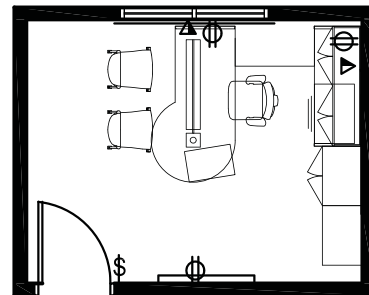
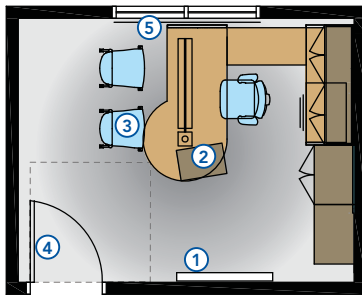
- Co-locate electrical and data outlets when placed on same wall.

# MANAGER PRIVATE OFFICE

- 150 ASF / SINGLE OCCUPANCY



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



## PLAN

### FURNISHINGS & EQUIPMENT

- ① Markerboard/tackboard
- ② Mobile, lockable pedestal file
- ③ Guest seating
- ④ Solid wood door w/ vision lite
- ⑤ Single roller shade
- Worksurface
- Storage
- Seating

### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 10'-0"  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- \$ Light switch with occupancy sensor

### HVAC

Manually operated thermostats are acceptable.

### LIGHTING

LED lighting

### NOTES:

- Co-locate electrical and data outlets when placed on same wall.



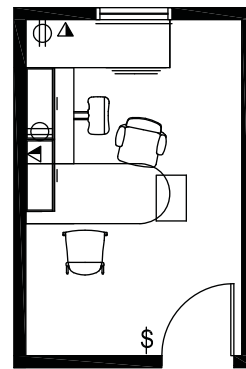
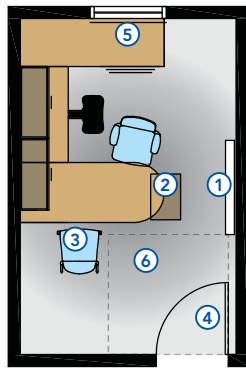
# OFFICES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## SUPERVISOR 1 PRIVATE OFFICE - 125 SF / SINGLE OCCUPANCY

0 ft 4 ft 8 ft

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



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Markerboard/tackboard
- ② Mobile, lockable pedestal file
- ③ Guest seating
- ④ Solid wood door w/ vision lite
- ⑤ Single roller shade
- Worksurface
- Storage
- Seating

#### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 10'-0"  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

#### SYMBOLS

- Ⓢ Duplex
- ▲ Tel/Data
- \$ Light switch with occupancy sensor

#### HVAC

Manually operated thermostats are acceptable.

#### LIGHTING

LED lighting

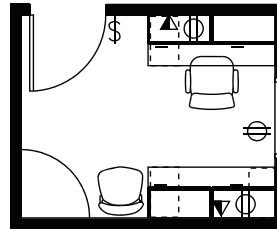
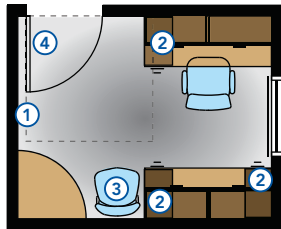
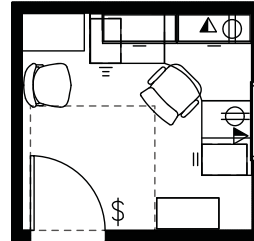
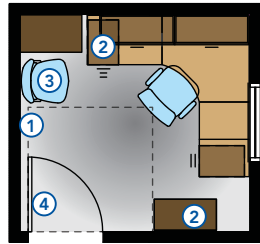
#### NOTES:

- Co-locate electrical and data outlets when placed on same wall.

# SUPERVISOR 2 + FACULTY PRIVATE OFFICE - 80 SF / SINGLE OCCUPANCY



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



## PLAN

### FURNISHINGS & EQUIPMENT

- ① Markerboard/tackboard
- ② Mobile, lockable pedestal file
- ③ Guest seating
- ④ Solid wood door w/ vision lite
- Worksurface
- Storage
- Seating

### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 10'-0"  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- \$ Light switch with occupancy sensor

### HVAC

Manually operated thermostats are acceptable.

### LIGHTING

LED lighting

### NOTES:

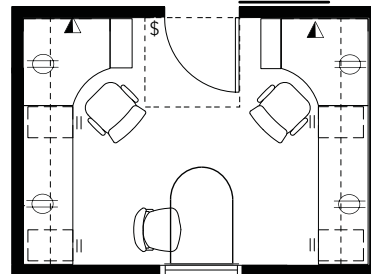
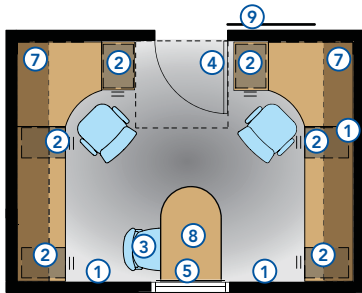
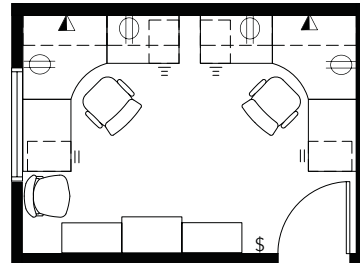
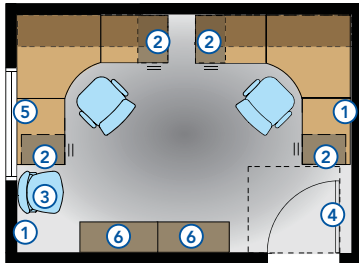
- Co-locate electrical and data outlets when placed on same wall.

# OFFICES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## SHARED FACULTY OFFICE - 150 SF / DOUBLE OCCUPANCY

0 ft 4 ft 8 ft  
SCALE: 1/8" = 1'-0"



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Markerboard/tackboard
- ② Lateral file
- ③ Guest seating
- ④ Solid wood door w/ vision lite
- ⑤ Single rollar shade
- ⑥ Bookcase (6 shelves - 15" d x 30" w x 77" h)
- ⑦ Upper cabinet storage
- ⑧ Collaboration table
- ⑨ Option for sliding door
- Worksurface
- Storage
- Seating

#### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 10'-0"  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

#### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- \$ Light switch with occupancy sensor

#### HVAC

Manually operated thermostats are acceptable.

#### LIGHTING

LED lighting

#### NOTES:

- Co-locate electrical and data outlets when placed on same wall.
- Note that sound transmission can be compromised with a sliding door if there is no seal.

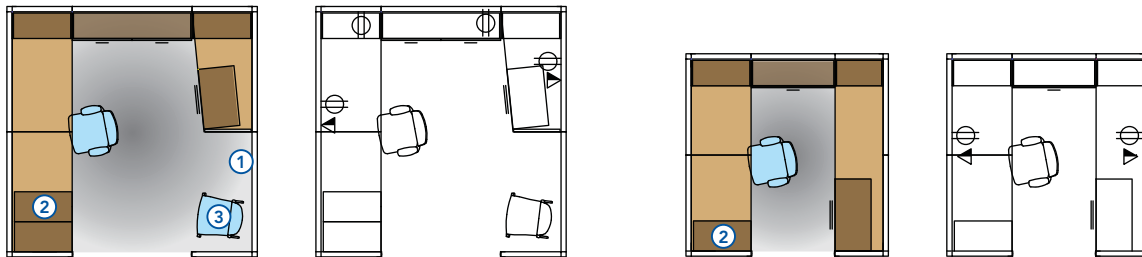
# WORKSTATIONS



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

## LARGE WORKSTATION 100 SF

## STANDARD WORKSTATION 64 SF



### PLAN

#### FURNISHINGS & EQUIPMENT

- ① Markerboard/tackboard
- ② Fixed, lockable pedestal file
- ③ Guest seating
- Worksurface
- Storage
- Seating

#### FINISHES

Floor: Carpet  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 10'-0"  
 Ceiling Type: Acoustical ceiling tile

Environmental Sound Control:  
 Walls: min. STC 50  
 Ceilings: min. CAC 35, NRC .70

#### SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- \$ Light switch with occupancy sensor

#### HVAC

Manually operated thermostats are permitted in Division Suites.

#### LIGHTING

LED lighting

#### NOTES:

- Co-locate electrical and data outlets when placed on same panel.

# Part D CORRIDORS + COLLABORATIVE SPACES

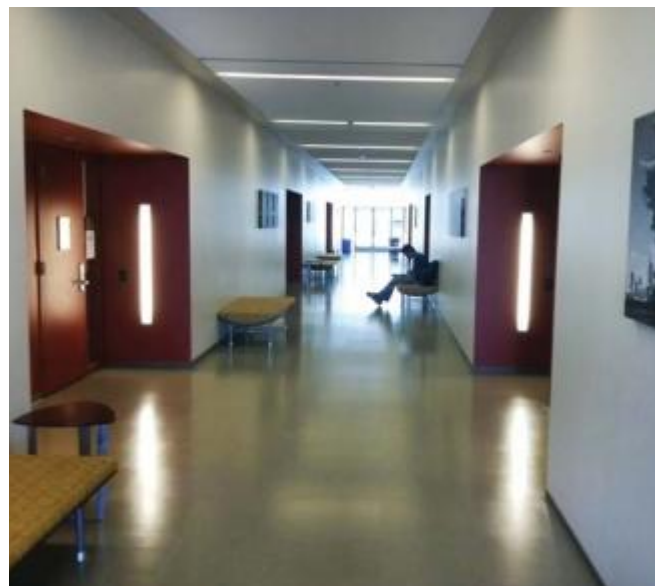
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## PUBLIC CORRIDORS



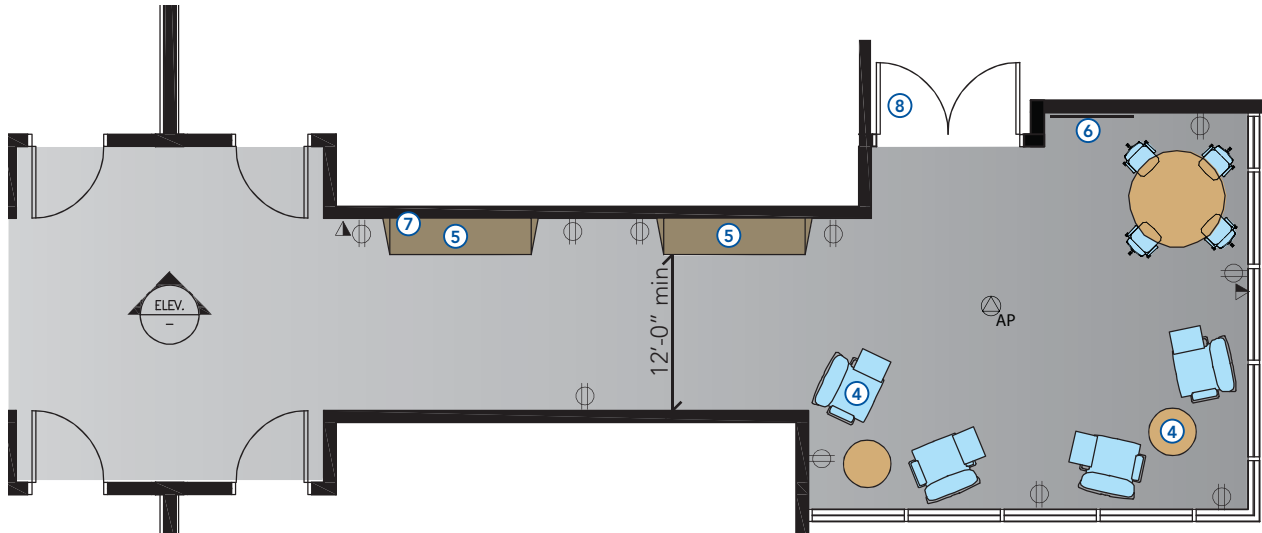
### PUBLIC CORRIDORS

Public corridors adjacent to student classrooms should include highly durable materials and be configured to provide students with opportunities for collaboration and discussion with other students and instructors. Break out spaces at the end of the corridors are encouraged as they allow for informal dialogue and interaction. Placement of these areas should be away from classroom doors to provide for circulation flow and acoustical control.

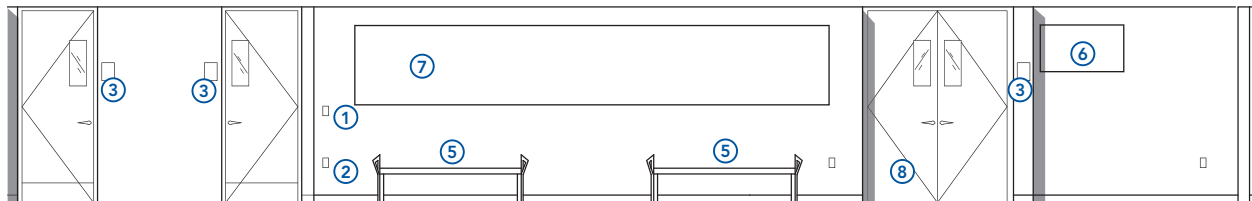


0 ft 4 ft 8 ft

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



PLAN



ELEVATION

FURNISHINGS & EQUIPMENT

- ① Light switches, thermostat
- ② Electric receptacle
- ③ Signage
- ④ Casual chairs and side tables
- ⑤ Bench
- ⑥ Electronic signage (where appropriate)
- ⑦ Opportunities for art and student display.
- ⑧ Exit doors

FINISHES

Floor: Resilient flooring  
 Wall: Painted drywall  
 Consider durable wainscot  
 Ceiling Ht: 9'-0" to 11'-0"  
 Ceiling Type: Acoustical ceiling tile

SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- ⊕<sub>AP</sub> Wireless access point

HVAC

No manually operated thermostats

LIGHTING

LED lighting  
 Consider 'Solatube' lights when possible

NOTES:

- Consider acoustical control when laying out informal gathering spaces.

# CORRIDORS + COLLABORATIVE SPACES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## FACULTY OFFICE SUITE CORRIDORS



### FACULTY OFFICE SUITE CORRIDORS

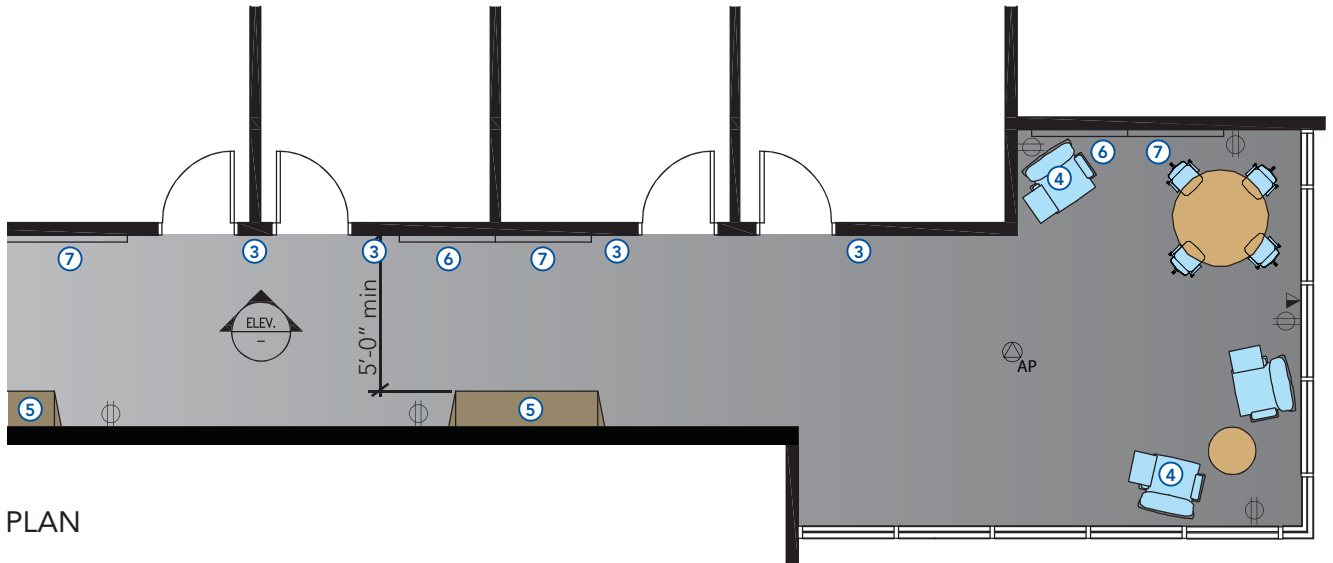
Faculty office suite corridors should provide space for interaction and collaboration among faculty members and between faculty and their students. Providing adequate seating groups along with tackboards and markerboards will foster this type of environment.



GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

0 ft 4 ft 8 ft

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



PLAN



ELEVATION

FURNISHINGS & EQUIPMENT

- ① Light switches, thermostat
- ② Electric receptacle
- ③ Signage
- ④ Casual chairs and side tables
- ⑤ Bench
- ⑥ Magnetic markerboard
- ⑦ Tackboard
- ⑧ Vision lite, typ.

FINISHES

Floor: Resilient flooring  
 Wall: Painted drywall  
 Ceiling Ht: 9'-0" to 11'-0"  
 Ceiling Type: Acoustical ceiling tile

SYMBOLS

- ⊕ Duplex
- ▲ Tel/Data
- ⊙<sub>AP</sub> Wireless access point

HVAC

No manually operated thermostats

LIGHTING

LED lighting  
 Consider 'Solatube' lights when possible

NOTES:

- Consider acoutical control when laying out informal gathering spaces.



# CORRIDORS + COLLABORATIVE SPACES

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



Interior gathering spaces should be provided in each building, with furniture layouts that will accommodate multiple types of configurations and activities within the space. Places for rest and quiet study enhance the campus experience and support the users.





Public spaces are essential for the daily life of students, faculty, staff, and visitors. They foster the widest variety of activities, and should support the informal, spontaneous, casual collisions and socializing that support behaviors, attitudes, and goals that lead to trust, collaboration, and in turn, innovation and education. Clear sightlines of these areas should be considered for security.

Planning a campus's facilities should strategically distribute a mix of quiet and loud, public and semi-private spaces such as lounges, cafés, common areas, and study rooms throughout buildings. They should be created within easy to locate areas such as lobbies, corridors, outside classrooms and offices, in transition spaces, and outdoors. Consideration should be given to designing a variety of configurations for various uses. They should support a variety of student activities including study, waiting between classes, socializing, interacting with one another or with instructors, eating, or reading.

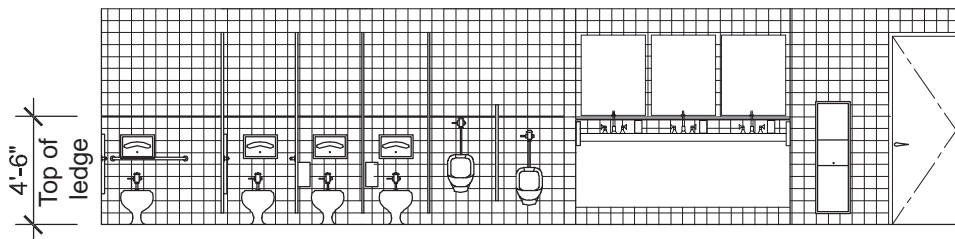
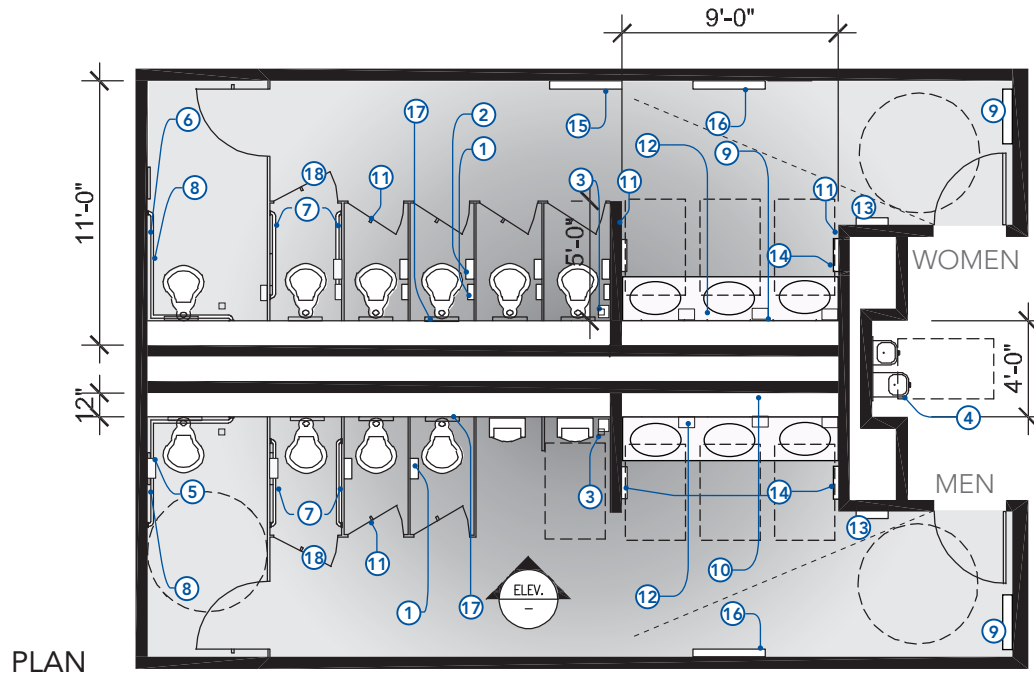
# Part E TOILET ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

0 ft 4 ft 8 ft

## MULTIPLE ACCOMODATION STUDENT TOILET ROOMS - 850 SF | TOTAL OCCUPANCY

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



### ELEVATION

#### EQUIPMENT & ACCESSORIES

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>① Twin jumbo roll toilet tissue dispenser - surface mount (must have consideration for meeting accessibility clearances).</li> <li>② Sanitary napkin disposal</li> <li>③ Floor drain w/ trap primer connection</li> <li>④ Hi-low drinking fountain</li> <li>⑤ Combination toilet seat cover and toilet tissue dispenser - recessed preferred</li> <li>⑥ Combination toilet seat cover, sanitary napkin disposal and toilet tissue dispenser - recessed preferred</li> <li>⑦ Horizontal grab bar</li> </ul> | <ul style="list-style-type: none"> <li>⑧ Two-wall horizontal grab bar</li> <li>⑨ Full length mirror</li> <li>⑩ Individual mirrors over lavatories</li> <li>⑪ Hook with flat square head</li> <li>⑫ Soap dispenser - surface mount</li> <li>⑬ Combination paper towel dispenser and waste receptacle</li> <li>⑭ Hand dryer</li> <li>⑮ Napkin/tampon vendor - recessed (Women's)</li> <li>⑯ Diaper changing station - when appropriate</li> <li>⑰ Toilet seat cover dispenser</li> <li>⑱ Semi-ambulatory accessible</li> </ul> |
|---|--|



#### FINISHES

Floor: 8" x 8" porcelain tile w/ dark grout  
Base: Porcelain tile cove base  
Wall: 8" x 8" porcelain tile w/ accent  
option - to ceiling if budget allows  
Ceiling Ht: 9'-0" to 11'-0"  
Ceiling Type: Painted drywall with access panels

#### LIGHTING

LED lighting above water closets and above handwashing area

#### NOTES:

- Toilet rooms should provide a continuous ledge, 12" in depth, spanning the area behind lavatories and toilets. This design element provides a convenient dry surface for occupants to set their personal belongings.
- Provide obstructed sightline into restroom from corridor when door is open.
- All floor drains to be provided with an automatic trap primer behind an access panel.
- Floor mounted water closets.
- Backing plates for drinking fountains to be provided by the manufacturer.
- Provide exhaust at a minimum of 10 AC/HR and sufficient supply or transfer air to prevent excess negative pressure.
- Hot and cold water supply should be provided with accessible shut off valves.
- All cleanouts and access panels locations to be easily accessible.

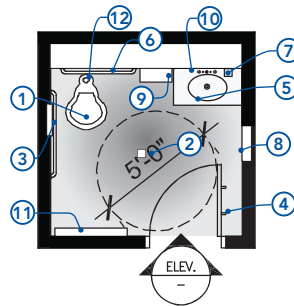
# TOILET ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

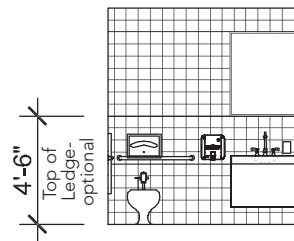


## SINGLE OCCUPANCY/ FACULTY STAFF TOILET ROOM - MINIMUM 60 SF

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



PLAN



ELEVATION

### EQUIPMENT & ACCESSORIES

- ① Floor mounted water closet
- ② Floor drain w/ trap primer connection
- ③ Combination toilet seat cover, sanitary napkin disposal and toilet tissue dispenser - recessed preferred
- ④ Coat hooks with flat end for safety
- ⑤ Solid surface counter with integral bowl
- ⑥ Two-wall, horizontal grab bar
- ⑦ Soap dispenser - surface mount
- ⑧ Combination paper towel dispenser and waste receptacle - recessed
- ⑨ Hand dryer - quick dry
- ⑩ Mirror
- ⑪ Napkin/tampon vendor - recessed (Women's)
- ⑫ Toilet seat cover dispenser - recessed

### FINISHES

- Floor: 8" x 8" porcelain tile
- Base: Porcelain tile cove base
- Wall: 4" x 4" ceramic or 8" x 8" porcelain tile
- Ceiling Ht: 9'-0"
- Ceiling Type: Painted drywall with access panels

### LIGHTING

- LED light fixtures



NOTES:

- The number of faculty/staff toilet rooms included in a building project will be determined by the needs of the specific programs that will occupy the building.
- Hot and cold water supply should be provided with accessible shut off valves.
- All floor drains to be provided with an automatic trap primer behind an access panel.
- Floor-mounted water closets.
- Provide exhaust at a minimum of 10 AC/HR and sufficient supply or transfer air to prevent excess negative pressure.
- All cleanouts and access panels locations to be easily accessed.
- Avoid placing plumbing walls on walls common with occupied spaces, such as classrooms, private offices, etc. If this is unavoidable, special sound isolated wall construction will be required.

# Part F CUSTODIAL ROOMS

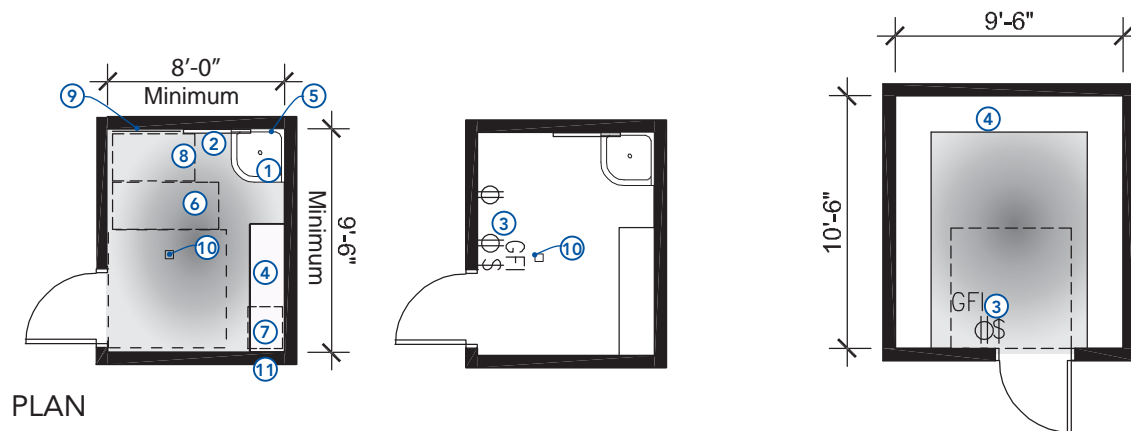


GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

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

## CUSTODIAL WET/ EQUIPMENT CLOSET - MINIMUM 76 SF

## CUSTODIAL SUPPLY STORAGE ROOM - MINIMUM 100 SF



### EQUIPMENT & ACCESSORIES

- ① Floor basin (mop sink) with 4" curb
- ② Mop rack with hooks
- ③ Ground fault interrupter (GFI) receptacle located approximately 2'-0" above finish floor (AFF) near door
- ④ Adjustable shelving - 12-16" deep starting at 3' AFF to allow vacuum to be stored below
- ⑤ Hot and cold water faucet with hook for filling buckets and attached hose
- ⑥ Mop cart - 2'-0" x 5'-0"
- ⑦ Vacuum - 18" x 18"
- ⑧ Floor machine (buffer) - 2'-0" x 4'-0"
- ⑨ Step ladder on wall hooks
- ⑩ Floor drain with trap primer connection
- ⑪ Walls to sit on 4" concrete curb

### FINISHES

- Floor: Hardened smooth concrete
- Wall: FRP panels
- Ceiling Ht: Slab to slab
- Ceiling Type: Exposed concrete or painted drywall
- Door: 3'-0" wide  
Hollow metal frame

### SYMBOLS

- ⊕ Duplex
- ⊕⊕ Quadruplex
- \$ Light switch with occupancy sensor

### LIGHTING

LED utility lights



### CUSTODIAL WET EQUIPMENT CLOSET

- Strategically located on all floors throughout a building.
- Locate closet to avoid moving equipment long distances.
- Doors shall swing out and shall be large enough to permit free movement of boxes and equipment (3'-0" min).
- Provide adequate ventilation.

#### NOTES:

- Backflow preventers, pressure regulators etc. are not allowed in custodial rooms.
- Provide exhaust at a minimum of 10AC/HR.
- All equipment rooms shall be designed and located to facilitate the removal, transport, and replacement of the largest equipment component housed within the room.

### CUSTODIAL SUPPLY STORAGE ROOM

- One room per building for bulk storage of custodial supplies.
- Locate on ground floor near elevator or loading dock to avoid moving equipment long distances.
- Doors shall swing out and shall be large enough to permit free movement of boxes and equipment.
- Provide adequate ventilation.



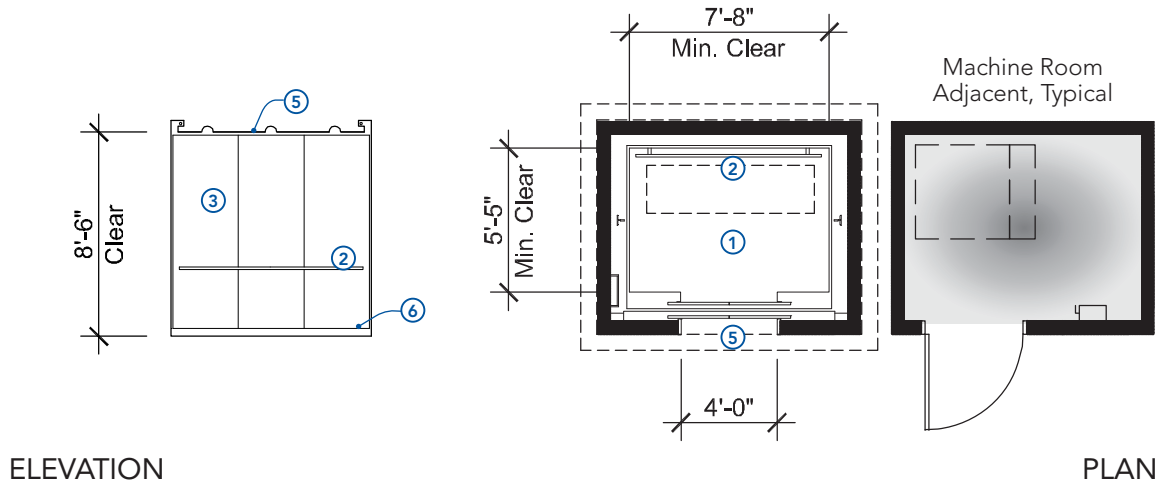
# Part G ELEVATOR CABS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## PASSENGER ELEVATOR - CENTER OPENING

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



ELEVATION

PLAN

### FINISHES

- ① Floor: Carpet
- ② Handrail: One tubular handrail at back wall, satin stainless steel finish
- ③ Walls: Plastic laminate removable panels. Consider PVC edge or hardwood edge.
- ④ Ceiling: Metal panels with recessed LED downlights and perimeter lighting
- ⑤ Doors and front returns: Satin stainless steel (vertical)
- ⑥ Base: Satin stainless steel (vertical) 4" high

### LIGHTING

LED downlights

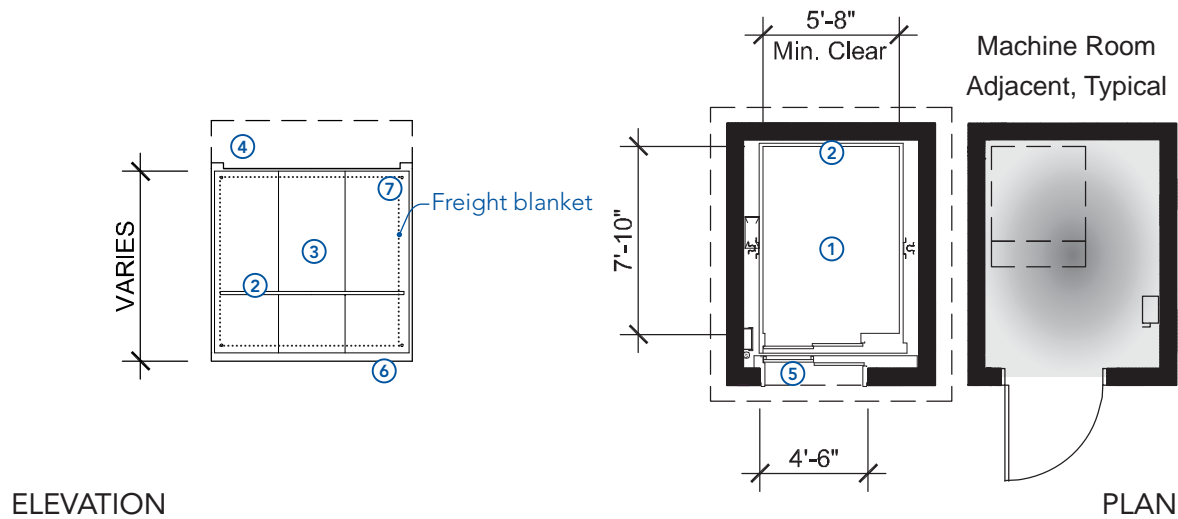
### NOTES:

- For additional detail, refer to Section 4.
- All equipment rooms shall be designed and located to facilitate the removal, transport, and replacement of the largest equipment component housed within the room.
- Machine room surfaces similar to Electrical Room.

# SERVICE ELEVATOR - SIDE OPENING



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



ELEVATION

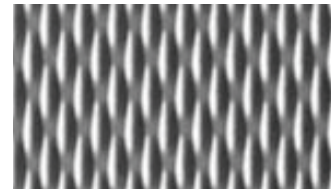
PLAN

## FINISHES

- ① Floor: Rubber tile
- ② Handrail: Satin stainless steel tubular handrail at back wall only
- ③ Walls: 5.WL patterned stainless steel wall panels
- ④ Ceiling: Metal panels with recessed LED downlights and perimeter lighting
- ⑤ Doors, front returns, base and reveals: Satin stainless steel (vertical)
- ⑥ Base: Satin stainless steel (vertical) 4" high
- ⑦ Freight blanket hook: Satin stainless steel (vertical)

## LIGHTING

LED lighting



RIMEX 5.WL

## NOTES:

- All equipment rooms shall be designed and located to facilitate the removal, transport, and replacement of the largest equipment component housed within the room.
- Machine room surfaces similar to Electrical Room, refer to Part J. Elevator machine rooms sound absorptive ceiling treatment should be the same as the mechanical room.

# Part H TECHNOLOGY ROOMS

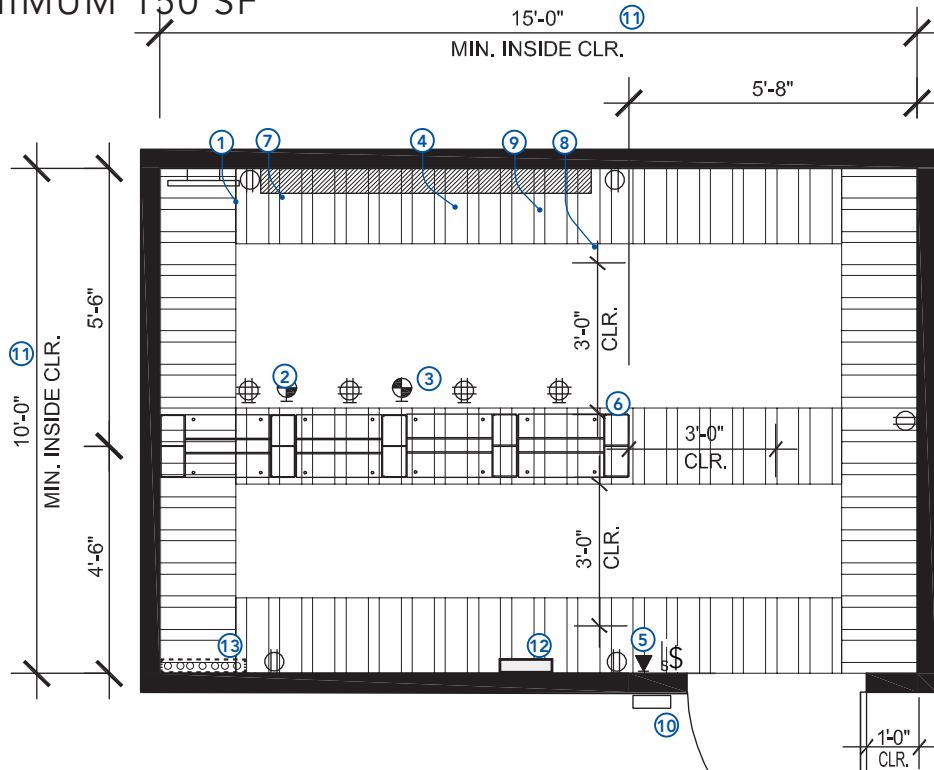
GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## MAIN DISTRIBUTION FRAME (MDF)

SCALE: 1/4" = 1'-0"

- MINIMUM 150 SF



### PLAN

### LEGEND

- ① Telecom main grounding busbar at 18" AFF
- ② 120V/30A and 208/30A outlet on dedicated circuit mounted on side of ladder rack (NEMA L5-30R)
- ③ 120V/20A quadplex outlet on dedicated circuit mounted on side of ladder rack (typ.)
- ④ Wall mounted equipment
- ⑤ Wall mounted telephone
- ⑥ 19" equipment rack w/ 6" vertical cable mngt.(typ.)
- ⑦ Convenience duplex outlet
- ⑧ 12" ladder rack @ 7'-6" above finish floor (AFF)
- ⑨ 8'x4'x 3/4" sheets of A-C grade fire retardant treated plywood by General Contractor at all walls, plywood 2'-0" AFF to 10'-0" AFF
- ⑩ Security card access - HID card reader/keypad combo with electrified mortise lockset, keyed off master
- ⑪ Any deviation from minimum clear dimensions requires written pre-authorization from ECC ITS. Typical for all technology rooms.
- ⑫ ABF fiber enclosure, 24"W x 20"H x 7"D.
- ⑬ 4" Riser conduit sleeves

### FINISHES

- Floor: Sealed concrete
- Wall: Exposed concrete  
Painted drywall  
Hard, smooth finish on concrete block wall
- Ceiling Type: Acoustical lay-in ceiling
- Doors: 3'-6" wide, solid, lockable, no louvers  
Hollow metal frames

### LIGHTING

- LED utility lighting



## SYMBOLS

- ⊕ Duplex
- ⊗ Quadruplex
- ▲ Tel/Data
- ⌘ Light switch
- ▼ Wall phone
- ⊕ Twist lock

## NOTES:

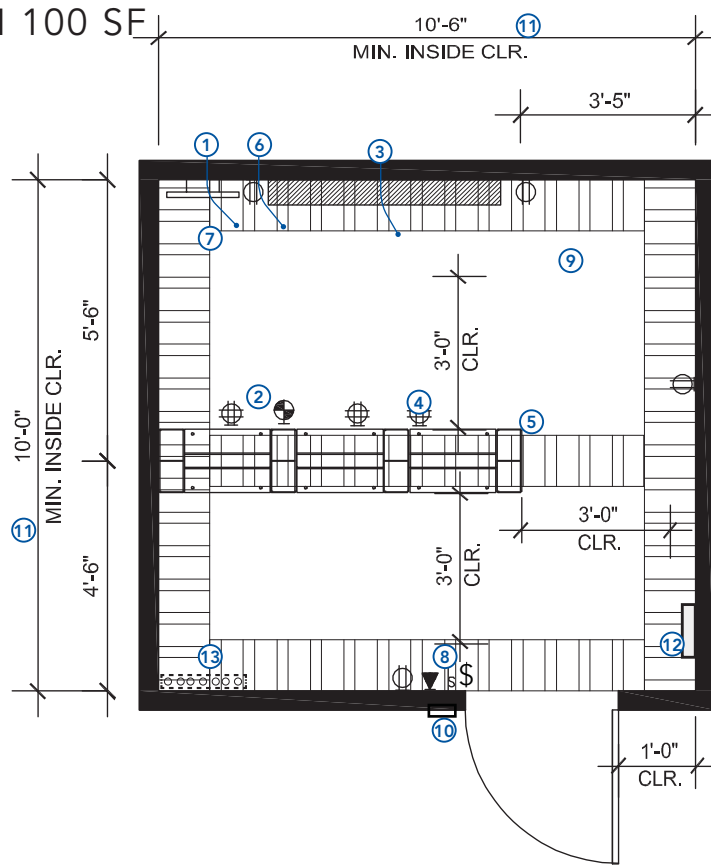
- Connect to emergency power.
- Minimum clear height of 8'-0" clear of obstructions.
- Provide multi-mode fiber cross connect between all technology rooms in the same building.
- No windows, full height walls.
- Provide stand-alone HVAC unit with independent controls.
- Coordinate light layout with rack and cable tray placement to ensure adequate service lighting on both sides of rack.
- Technology rooms should not be directly accessible from the outside of the building.
- All equipment rooms shall be designed and located to facilitate the removal, transport, and replacement of the largest equipment component housed within the room.

# TECHNOLOGY ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS

## INTERMEDIATE DISTRIBUTION FRAME (IDF)

- MINIMUM 100 SF



### LEGEND

- ① Telecom grounding busbar
- ② 120V/30A and 208/30A outlet on dedicated circuit mounted on side of ladder rack (NEMA L5-30R)
- ③ Wall mounted equipment
- ④ Quadplex outlet on dedicated circuit
- ⑤ 19" equipment rack w/ 6" vertical cable mgnt
- ⑥ Convenience duplex outlet
- ⑦ 18" ladder rack @ 7'-6" above finish floor (AFF)
- ⑧ Wall mounted telephone
- ⑨ 8'x4'x 3/4" sheets of A-C grade fire retardant treated plywood by General Contractor at all walls, plywood 2'-0" AFF to 10'-0" AFF
- ⑩ Security card access. HID card reader/keypad combo with electrified mortise lockset, keyed off master
- ⑪ Any deviation from minimum clear dimensions requires written pre-authorization from GCCD ITS. Typical for all technology rooms.
- ⑫ ABF fiber enclosure, 24"W x 20"H x 7"D.
- ⑬ 4" Riser conduit sleeves

### FINISHES

Floor:	Sealed concrete
Wall:	Exposed concrete Painted drywall Hard, smooth finish on concrete block wall
Ceiling Type:	Acoustical lay-in ceiling
Doors:	3'-0" wide, solid, lockable, no louvers Hollow metal frames

### LIGHTING

LED utility lighting



### SYMBOLS

- ⊕ Duplex
- ⊗ Quadruplex
- ▲ Tel/Data
- ⌚ Light switch
- ▼ Wall phone
- ⊕ Twist lock

### NOTES:

- Connect to emergency power.
- Minimum clear height of 8'-0" clear of obstructions.
- Provide multi-mode fiber cross connect between all technology rooms in the same building.
- No windows, full height walls.
- Provide stand-alone HVAC unit with independent controls.
- Coordinate light layout with rack and cable tray placement to ensure adequate service lighting on both sides of the racks.
- Technology rooms should not be directly accessible from outside of the building.
- All equipment rooms shall be designed and located to facilitate the removal, transport, and replacement of the largest equipment component housed within the room.

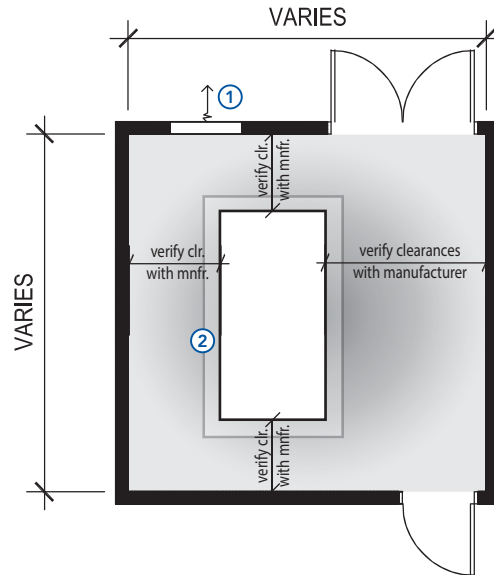
# Part I MECHANICAL ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## MECHANICAL ROOMS - SF VARIES

SCALE: 1/4" = 1'-0"



### LEGEND

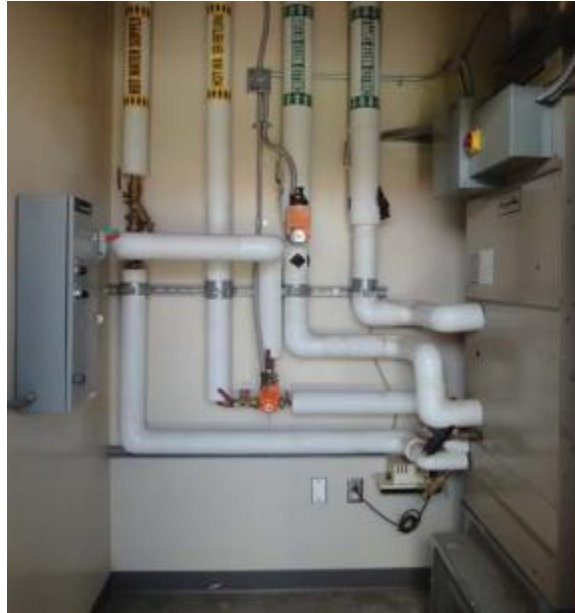
- ① Exterior wall louver
- ② Provide 4" high concrete curbs (housekeeping pads for equipment)

### FINISHES

- Floor: Sealed concrete with concrete curb and floor drain
- Wall: Paint
- Ceiling Ht: Slab to slab
- Ceiling Type: Exposed to underside of structure
- Doors: 3'-0" wide, louvered door (if required for ventilation and not fire rated)  
Hollow metal frames  
Hollow metal, double, exterior doors where applicable for large units.
- Drains: Minimum of one floor drain is required.  
Provide floor sink to support equipment as needed.

### LIGHTING

- LED utility lighting



NOTES:

- Provide sound absorption (NRC 0.90 min) over 100% of the total ceiling area whenever a mechanical room is immediately adjacent to an occupied room (i.e. classroom, group study room, office, etc.) or portions of an occupied room.
- Provide adequate safe access and manufacturer's recommended working clearances for all equipment.
- Provide clearances and door for replacement of the largest piece of equipment without removing permanent walls, large items of equipment, or equipment essential to the principal on-going, day-to-day building use.
- Provide direct access from the exterior for major mechanical rooms exceeding 100 net square feet.
- In phased projects, mechanical rooms shall be sized to include equipment for all the phases.
- Air equipment, piping, ductwork, etc., shall be located to provide unobstructed access to filters, bearings, valves, control devices, and anything requiring access for maintenance.
- Provide fully ducted outside air, relief air, and return air for air handling equipment in mechanical rooms. Do not use mechanical rooms as an air plenum. Ventilation or HVAC for mechanical equipment rooms to maintain temperatures between 65°F and 80°F.



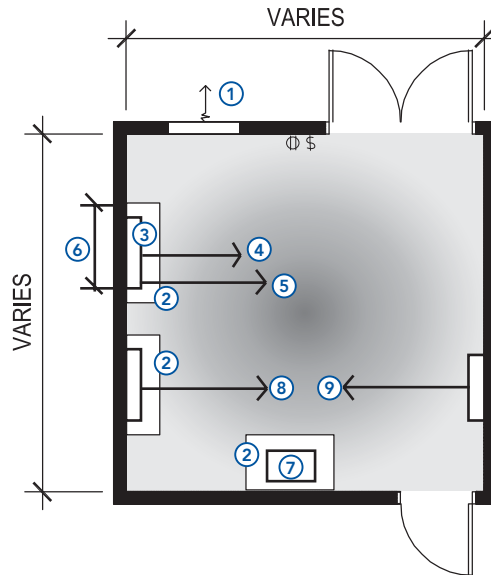
# Part J ELECTRICAL ROOMS

GROSSMONT CUYAMACA COMMUNITY COLLEGE DISTRICT – DISTRICT STANDARDS



## ELECTRICAL ROOMS - SF VARIES

SCALE: 1/4" = 1'-0"



PLAN

### LEGEND

- ① Exterior wall louver (depending on room type)
- ② Provide 3" high concrete curbs (housekeeping pads) for equipment
- ③ Electrical panel board 20"W
- ④ 0-120V nominal voltage to ground equip. Provide 3' working space clearance.
- ⑤ 151-600V nominal voltage to ground equip. Provide 3-6' in working space clearance.
- ⑥ The width of the working space in front of the electrical equip. shall be the width of the equip. or 30", whichever is greater.
- ⑦ Transformer
- ⑧ 0-120V nominal voltage to ground equip. Provide 3' working space clearance.
- ⑨ 151-600V nominal voltage to ground equip. Provide 4' working space clearance.

### FINISHES

- |               |  |
|---------------|--|
| Floor:        | Sealed concrete with floor drain   |
| Wall:         | Exposed concrete<br>Painted drywall<br>Hard smooth finish on concrete block wall   |
| Ceiling Ht:   | Slab to slab   |
| Ceiling Type: | Underside of structure   |
| Doors:        | 3'-0" wide, louvered door (if required for ventilation and not fire rated)<br>Hollow metal frames<br>Hollow metal, double, exterior doors where applicable |

### LIGHTING

- LED utility lighting



NOTES:

- All equipment rooms shall be designed and located to facilitate the removal, transport, and replacement of the largest equipment component housed within the room.
- Rooms shall be properly ventilated. If room contains transformers, the use of split system air conditioners should be considered. Maintain 80°F temperature control/limitations for transformers and lighting control panels to extend the duration of equipment.
- With the exception of fire sprinklers servicing the room, no other piping/ducting is allowed in the space.
- Transformers should be vibration isolated on 3/4" thick, 60 durometer maximum neoprene pads. Bolt holes shall have neoprene grommets. Flexible connections to the transformers shall be made using slack flexible conduit. There shall be 6" minimum of free and clear space between adjacent walls and the transformer.