MiraCosta College
Space and FF&E Standards

VERSION 3.0
October 2019

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Space and FF&E Standards

Space and FF&E Standards

Introduction:

The following standards have been developed to establish minimum levels of design performance desired for MiraCosta College renovations and new building projects. These standards focus in the building interior spaces and describe the desired character and qualities for common program spaces at MiraCosta College. The standards cover a range of basic design items and issues however, not all items are addressed. It is the designer's responsibility to provide design solutions that are consistent with the reference standards established by the College as well as standards of care in good building design practices.

Reference Documents:

MiraCosta College has developed additional documents that shall be referenced. These documents include:

- » MiraCosta College Facilities Master Plan
- » Sustainability Goals & Guidelines
- » Technology Guidelines
- » Appendix
- » Utilities & Infrastructure Drawings
- » MiraCosta College Design and Construction Standards

Design Criteria

Introduction:

The following design criteria addresses the goal of creating new facilities that contribute to the quality of life on campus and the character of the campus itself. The standards describe minimum conditions, indicate a direction, and convey a certain ideal of campus making. The quality of the results will depend more than anything on the judgment and consensus of the parties involved.

The success of any new building on campus is intricately linked to the creation of outdoor space and the subsequent seamless integration of landscape and architecture. The standards provide a framework for the building project. The design of the new buildings should incorporate creativity.

Design of any project needs to follow careful analysis of building program, design guidelines, overall campus form, relationship to exterior open space, aesthetic considerations, and sustainability goals.

Design Criteria:

Natural Daylighting

Natural daylighting has a positive effect on learning and is credited for contributing to higher test scores, increased daily attendance, and higher teacher satisfaction and retention. Properly designed and implemented daylighting strategies can save energy. Good daylight penetration into the building combined with shading and reflected light options will help provide pleasant environments.

Sustainable Design

MiraCosta College has developed District Sustainability Design Guidelines. Please refer to these guidelines in order to understand District established minimums and desired levels of sustainable design.

Codes & Standards

Design and construction codes and standards are listed below. The codes and standards listed are minimum requirements. Nothing is to prevent the architect, engineer, or consultant from exceeding the applicable requirements. In most cases the current editions of codes and referenced standards apply.

Applicable Codes include but are not limited to:

» Building	California Building Code
» Mechanical	California Mechanical Code
» Plumbing	California Plumbing Code
» Electrical	California Electrical Code
» Energy	California Energy Code
» Fire	California Fire Code
» Life Safety	California Building Code
» Accessibility	California Building Code
» Ventilation / Indoor air quality	California Energy Code
» Sustainability	California Green Building Code
» Elevator	Elevator Safety Orders

References and Guidelines

» Americans with Disabilities Act (ADA)
» National Fire Protection Association, NFPA 110: Life Safety Code.

Design Criteria:

Background Noise Criteria

The background noise criterion is a measure of the noise that should not be exceeded by mechanical, electrical, plumbing and other noise sources in a space in order to achieve acceptable sound levels for various space uses. The Noise Criterion (NC) curves are used to describe acceptable noise environments for a variety of functional areas. The standard family of NC curves has been in use for years and may be found in the "Sound and Vibration Control" chapter of the HVAC Applications Handbook published by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). The target background noise criteria listed below. Special attention must be paid to rooms adjacent building equipment rooms.

Area Noise Criterion

Meeting / Conference Rooms	NC-25
Study Rooms	NC-30
Private Offices, Lobby/Circulation Areas, Dining Areas, Lounge	NC-35
Open Office Areas, File/Storage Rooms, Copy/Workrooms, Restrooms	NC-40
Kitchens	NC-45

Interaction

All campus design should encourage social interaction. This requires that a variety of active and passive spaces be created in public areas of the building, as well as the exterior areas surrounding the building. These areas for informal interaction shall be linked to the circulation schemes. Concepts should be developed as part of the design process that would directly support these objectives.

INFORMAL INTERACTION CONSIDERATIONS

» Casual study/interaction spaces for short duration interaction (interior and exterior).
» Outdoor gathering spaces should be highly visible and inviting.
» Varying the sizes of gathering spaces allows for small, medium, or large groups to gather.
» Display/announcement boards serve as gathering places for informal contact.
» Connections to other campus facilities will facilitate interaction with students and staff in nearby buildings

Accessibility

The College strives to provide a barrier free environment. Providing accessibility for all persons requires special design considerations. The facility must conform to the most restrictive local, state and federal regulations. In all cases universal accessibility is preferred. Early considerations shall be given to the following accessibility aspects:

» All parts of the building shall be accessible.
» Accessible work stations shall be provided based on code requirements.

Design Criteria:

Signage

Signage shall be provided at the interiors and exteriors of all spaces as required by building codes and guidelines. The MiraCosta College Design and Construction Standards shall be referenced for specific Signage design information.

Safety

The building interior functions shall promote the safe operation of the building and the health and comfort of the occupants.

All design shall be based on regulatory requirements and guidelines along with good engineering practices. Code requirements are a minimum standard.

Furniture

The information included herein describes the minimum requirements for furniture and equipment for the common program spaces at MiraCosta College. Each space type includes a list of design characteristics along with a space diagram illustrating a generic room layout. The furniture shown is considered to be the minimum prescribed for the room function. The included diagrams and data sheets reference the MiraCosta Design and Construction Standards for additional information.

MiraCosta College has developed a list of furniture vendors that have established relationships with the District. These are considered the preferred vendors for furniture at the College:

- » Agati | http://www.agati.com/
- » Arenson | http://www.arensonof.com/
- » KI | https://www.ki.com/
- » Omni Pacific | http://www.omnipacific.com/
- » Parron Hall | http://www.parronhall.com/
- » Virco | http://virco.com/

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Room Diagrams

October 2019

1.0   PRIVATE OFFICES

1.01   FACULTY & STAFF OFFICE

	ASF:	**100**
	STATIONS:	**1**

USE		
	Activities:	General office work
	Access:	Faculty & Staff
	Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Carpet
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Natural Lighting:	Preferred
	Light Control:	Sunshades per Design and Construction Standards
	Casework:	N/A
	Accessories:	Sidelight into each office; Coat hooks
	Hardware:	Per Design and Construction Standards

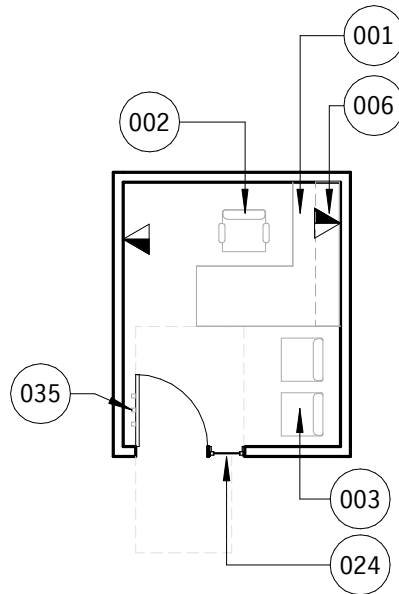| TECHNOLOGY		
	Audio/Visual:	N/A
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design & Construction Standards; Task lighting at workstation
	Electrical:	Minimum (1) Power outlet on (2) walls
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	See room diagram

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Space and FF&E Standards

1.01   FACULTY & STAFF OFFICE

KEY NOTES

001	WORKSTATION(S)
002	TASK CHAIR(S)
003	GUEST CHAIRS
006	OVERHEAD STORAGE
024	INTERIOR SIDELIGHT
035	COAT HOOKS

LEGEND

WALL MOUNTED NETWORK / POWER

1.0   PRIVATE OFFICES

1.02   DEAN / DIRECTOR OFFICE

ASF:	**160**
STATIONS:	**1**

USE

Activities:	General office work
Access:	Dean / Director & Staff
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Sidelight into each office; Coat hooks; Markerboard
Hardware:	Per Design and Construction Standards

TECHNOLOGY

|	
Audio/Visual:	N/A
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards; Task lighting at workstation
Electrical:	Minimum (1) Power outlet on (2) walls
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

1.02   DEAN / DIRECTOR OFFICE
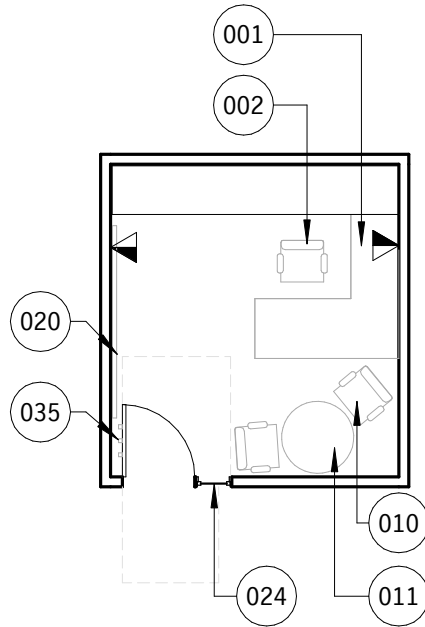
KEY NOTES

001	WORKSTATION(S)
002	TASK CHAIR(S)
010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT
035	COAT HOOKS

LEGEND

▽ WALL MOUNTED NETWORK / POWER

1.0 PRIVATE OFFICES

1.03 VICE PRESIDENT'S OFFICE

ASF:	**200**
STATIONS:	**1**

USE

Activities:	General office work
Access:	Vice President & Staff
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Sidelight into each office; Coat hooks; Markerboard
Hardware:	Per Design and Construction Standards

TECHNOLOGY

Audio/Visual:	Wall mounted Flat panel TV
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards; Task lighting at workstation
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

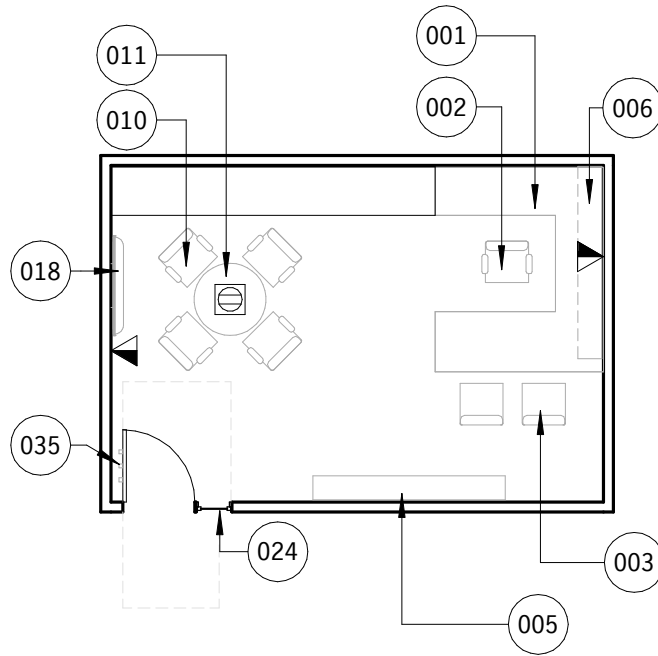# 1.03   VICE PRESIDENT'S OFFICE
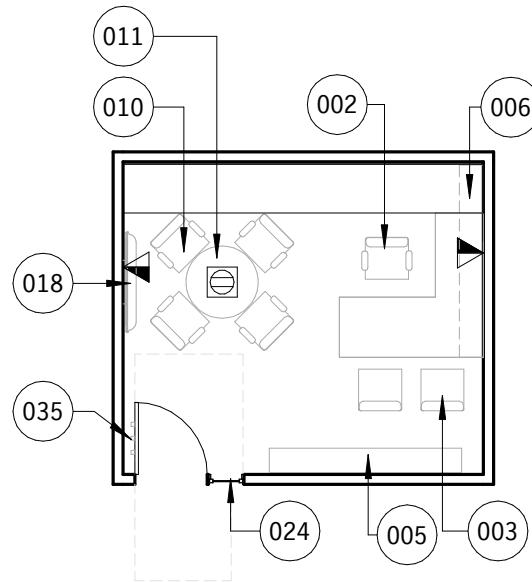
KEY NOTES

002	TASK CHAIR(S)
003	GUEST CHAIRS
005	BOOKCASE
006	OVERHEAD STORAGE
010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
018	FLAT SCREEN TV
024	INTERIOR SIDELIGHT
035	COAT HOOKS

LEGEND

WALL MOUNTED NETWORK / POWER

FLUSH FLOOR BOX NETWORK / POWER

1.0 PRIVATE OFFICES

1.04 PRESIDENT'S OFFICE

ASF:	**285**
STATIONS:	**1**

USE

Activities:	General office work
Access:	President & Staff
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Sidelight into each office; Coat hooks; Markerboard
Hardware:	Per Design and Construction Standards

TECHNOLOGY

|	
Audio/Visual:	Wall mounted Flat panel TV; Refer to Technology Guidelines for additional information
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards; Task lighting at workstation
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

1.04   PRESIDENT'S OFFICE

KEY NOTES

001	WORKSTATION(S)
002	TASK CHAIR(S)
003	GUEST CHAIRS
005	BOOKCASE
006	OVERHEAD STORAGE
010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
018	FLAT SCREEN TV
024	INTERIOR SIDELIGHT
035	COAT HOOKS

LEGEND

WALL MOUNTED NETWORK / POWER

FLUSH FLOOR BOX NETWORK / POWER

2.0   SHARED OFFICES

2.01   SHARED FACULTY OFFICE

ASF:	**140**
STATIONS:	**2**

USE

Activities:	General office work
Access:	Faculty
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Sidelight into each office; Coat hooks; Markerboard
Hardware:	Per Design and Construction Standards

TECHNOLOGY

|	
Audio/Visual:	N/A
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards; Task lighting at workstation
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

2.01   SHARED FACULTY OFFICE
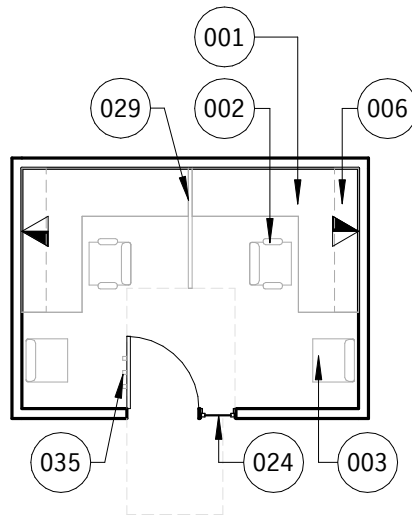
KEY NOTES

001	WORKSTATION(S)
002	TASK CHAIR(S)
003	GUEST CHAIRS
006	OVERHEAD STORAGE
024	INTERIOR SIDELIGHT
029	PRIVACY SCREEN
035	COAT HOOKS

LEGEND

WALL MOUNTED NETWORK / POWER

2.0   SHARED OFFICES

2.02   SHARED STAFF OFFICE

ASF:	**120**
STATIONS:	**2**

USE

Activities:	General office work
Access:	Staff
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Sidelight into each office; Coat hooks; Markerboard
Hardware:	Per Design and Construction Standards

TECHNOLOGY

Audio/Visual:	N/A
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards; Task lighting at workstation
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

2.02   SHARED STAFF OFFICE
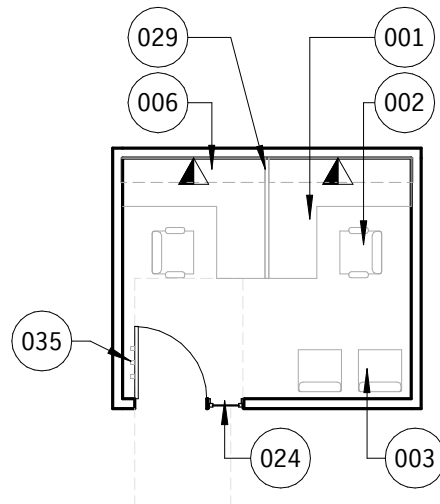
KEY NOTES

001	WORKSTATION(S)
002	TASK CHAIR(S)
003	GUEST CHAIRS
006	OVERHEAD STORAGE
024	INTERIOR SIDELIGHT
029	PRIVACY SCREEN
035	COAT HOOKS

LEGEND

 WALL MOUNTED NETWORK / POWER

3.0 MEETING ROOMS

3.01 SMALL MEETING ROOM

ASF:		**90**
SEATS:		**4**

USE

Activities:	Small meetings
Access:	Staff & Students
Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Sidelight into each room; Markerboard; Telephone near door
Hardware:	Per Design and Construction Standards

TECHNOLOGY

Audio/Visual:	Wall mounted Flat panel TV; Refer to Technology Guidelines for additional information
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

|	
Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

3.01   SMALL MEETING ROOM
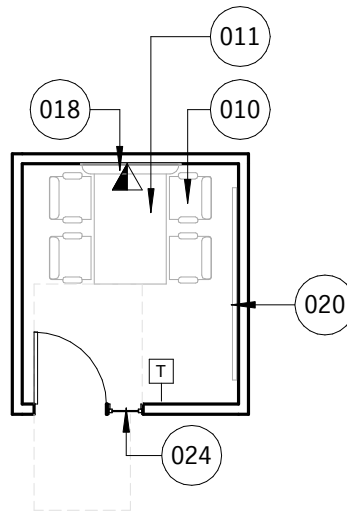
KEY NOTES

010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
018	FLAT SCREEN TV
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT

LEGEND

WALL MOUNTED NETWORK / POWER

TELEPHONE

3.0   MEETING ROOMS

3.02   SMALL CONFERENCE ROOM

ASF:	**200**
SEATS:	**8**

USE		
	Activities:	Meetings; Presentations; Video Conferencing
	Access:	Staff & Students
	Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Carpet
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Light Control:	Sunshades per Design and Construction Standards; Darkening Shades
	Natural Lighting:	Preferred
	Casework:	Base Cabinet for AV racks and Storage
	Accessories:	Sidelight into each room; Markerboard; Telephone near door
	Hardware:	Per Design and Construction Standards

TECHNOLOGY		
	Audio/Visual:	Wall mounted Flat panel TV; Video Conferencing capabilities; Refer to Technology Guidelines for additional information
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (1) Power outlet at each wall
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	
	See room diagram

3.02   SMALL CONFERENCE ROOM
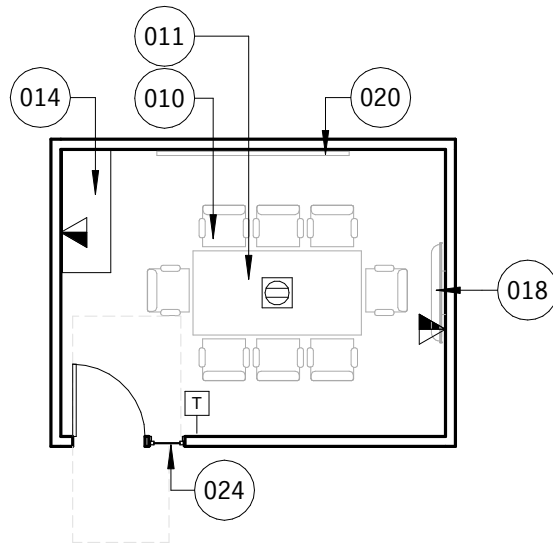
KEY NOTES

010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
014	BASE CABINET
018	FLAT SCREEN TV
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT

LEGEND

WALL MOUNTED NETWORK / POWER

TELEPHONE

FLUSH FLOOR BOX NETWORK / POWER

3.0 MEETING ROOMS

3.03 MEDIUM CONFERENCE ROOM

ASF:	**300**
SEATS:	**12**

USE		
	Activities:	Meetings; Presentations; Video Conferencing
	Access:	Staff
	Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Carpet
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Natural Lighting:	Preferred
	Light Control:	Sunshades per Design and Construction Standards; Darkening Shades
	Casework:	Base cabinet for AV racks and Storage
	Accessories:	Sidelight into each room; Markerboard; Telephone near door
	Hardware:	Per Design and Construction Standards

TECHNOLOGY		
	Audio/Visual:	Wall mounted Flat panel TV; Video Conferencing capabilities; Refer to Technology Guidelines for additional information
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (1) Power outlet at each wall
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	See room diagram

3.03   MEDIUM CONFERENCE ROOM
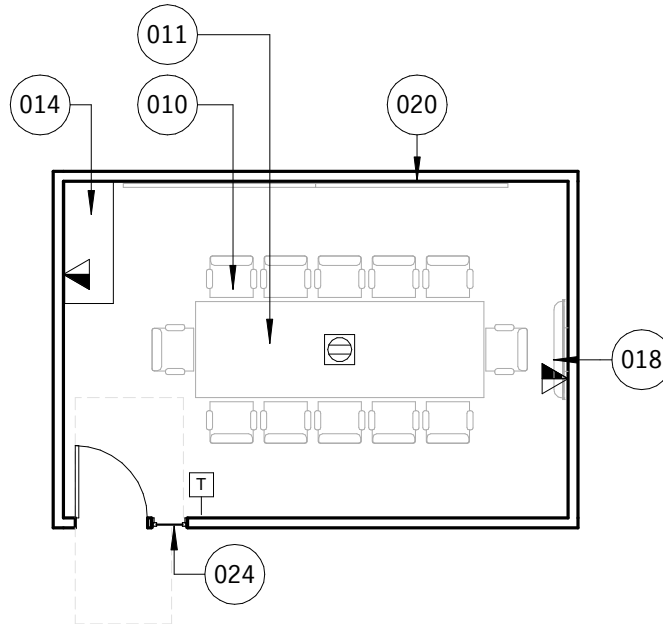
KEY NOTES

010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
014	BASE CABINET
016	CEILING MOUNTED PROJECTOR
018	FLAT SCREEN TV
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT

LEGEND

WALL MOUNTED NETWORK / POWER

T TELEPHONE

FLUSH FLOOR BOX NETWORK / POWER

3.0   MEETING ROOMS

3.04   LARGE CONFERENCE ROOM

ASF:	**400**	
SEATS:	**16**	

USE		
	Activities:	Meetings; Presentations; Video Conferencing
	Access:	Staff & Students
	Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Carpet
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Natural Lighting:	Preferred
	Light Control:	Sunshades per Design and Construction Standards; Darkening Shades
	Casework:	Base cabinet for AV rack and Storage
	Accessories:	Sidelight into each room; Markerboard; Telephone near door
	Hardware:	Per Design and Construction Standards

TECHNOLOGY		
	Audio/Visual:	Ceiling mounted Projector; Ceiling mounted Motorized Projection Screen; Video Conference capabilities; Refer to Technology Guidelines for additional information
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

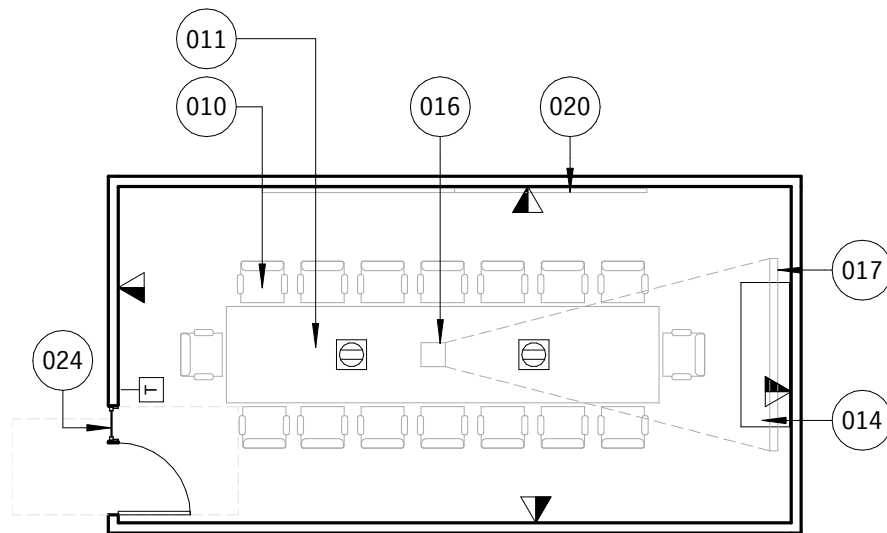| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (1) Power outlet at each wall
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	See room diagram

3.04   LARGE CONFERENCE ROOM

KEY NOTES

010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
014	BASE CABINET
016	CEILING MOUNTED PROJECTOR
017	MOTORIZED PROJECTION SCREEN
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT

LEGEND

WALL MOUNTED NETWORK / POWER

TELEPHONE

FLUSH FLOOR BOX NETWORK / POWER

3.0   MEETING ROOMS

3.05   EXTRA-LARGE CONFERENCE ROOM

	ASF:	**600**
	SEATS:	**24**

USE		
	Activities:	Meetings; Presentations; Video Conferencing
	Access:	Staff & Students
	Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Carpet
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Natural Lighting:	Preferred
	Light Control:	Sunshades per Design and Construction Standards; Darkening Shades
	Casework:	Credenza / AV Equipment storage
	Accessories:	Sidelight into each room; Markerboards; Telephone near door
	Hardware:	Per Design and Construction standards

TECHNOLOGY		
	Audio/Visual:	Ceiling mounted Projector; Ceiling mounted Motorized Projection Screen; Video Conference capabilities; Refer to Technology Guidelines for additional information
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

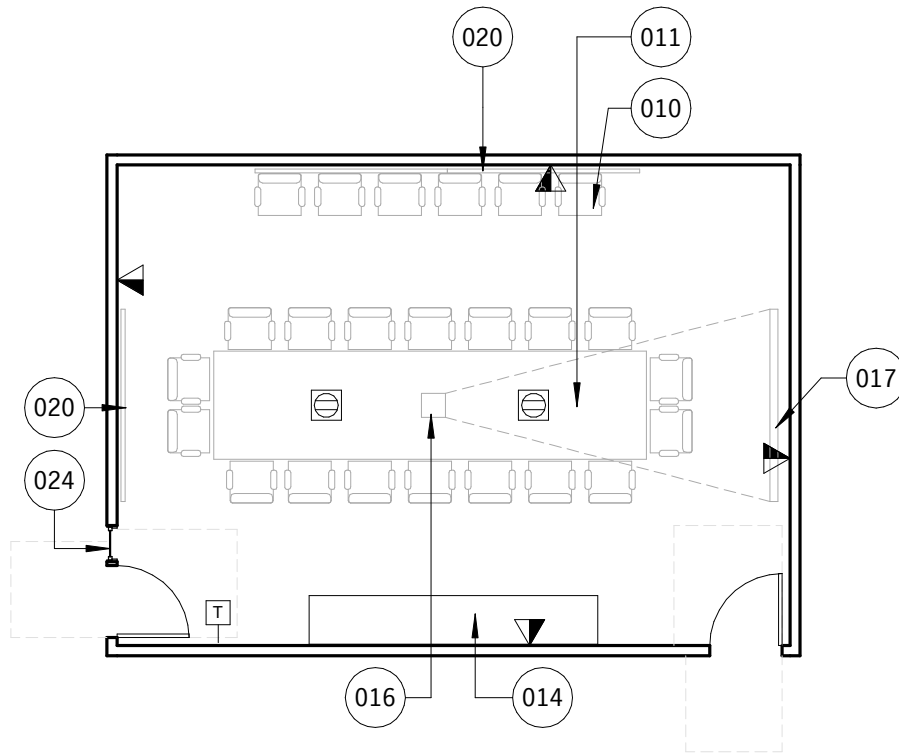| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (1) Power outlet at each wall
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	See room diagram

3.05   EXTRA-LARGE CONFERENCE ROOM

KEY NOTES

010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
014	BASE CABINET
016	CEILING MOUNTED PROJECTOR
017	MOTORIZED PROJECTION SCREEN
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT

LEGEND

WALL MOUNTED NETWORK / POWER

T   TELEPHONE

FLUSH FLOOR BOX NETWORK / POWER

4.0   CLASSROOMS

4.01   CLASSROOM WITH TABLET ARM CHAIRS

ASF: **780**

SEATS: **40**

USE		
	Activities:	Lectures; Learning; Presentations
	Access:	Students & Faculty
	Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Carpet
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Natural Lighting:	Required
	Light Control:	Sunshades per Design and Construction Standards; Darkening Shades
	Casework:	N/A
	Accessories:	Vision light at door; Markerboards; Telephone near door
	Hardware:	Per Design and Construction standards

TECHNOLOGY		
	Audio/Visual:	Ceiling mounted Projector; Ceiling mounted Motorized Projection Screen; Refer to Technology Guidelines for additional information
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (2) Power outlets at each wall
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	
	See room diagram

4.01   CLASSROOM WITH TABLET ARM CHAIRS
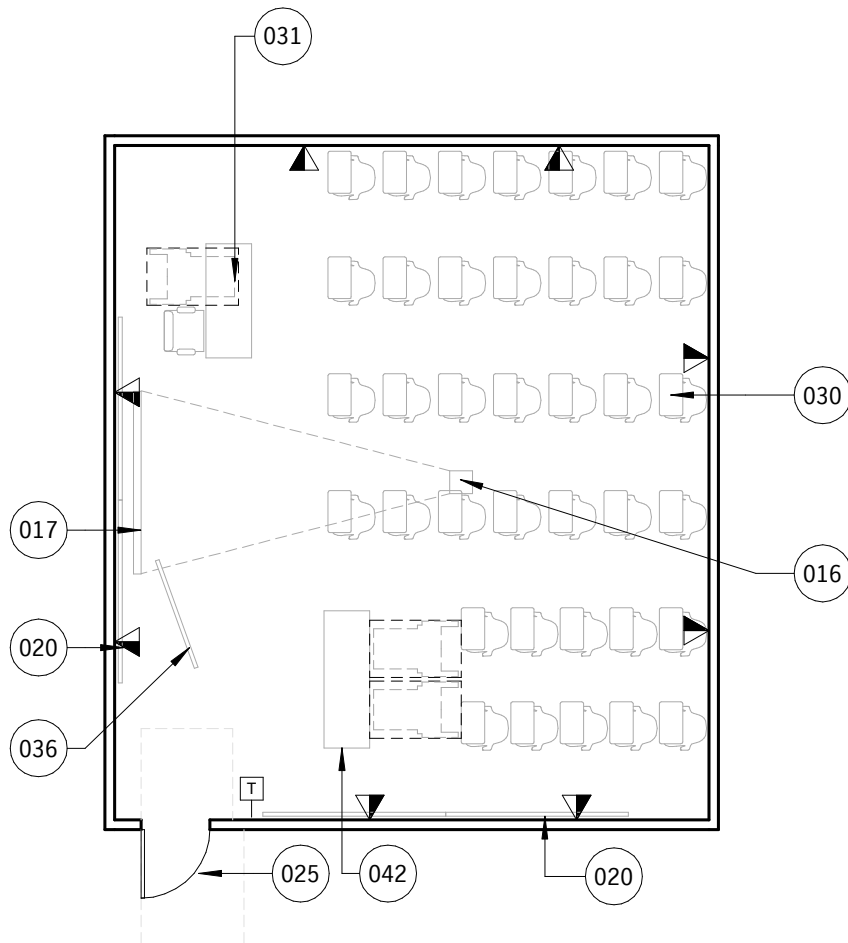
KEY NOTES

016	CEILING MOUNTED PROJECTOR
017	MOTORIZED PROJECTION SCREEN
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT
025	VISION LIGHT AT DOOR
030	TABLET ARM CHAIR(S)
031	INSTRUCTORS STATION
036	MOVEABLE MARKER BOARD
042	HEIGHT ADJUSTABLE DESK

LEGEND

WALL MOUNTED NETWORK / POWER

T   TELEPHONE

4.0   CLASSROOMS

4.02   CLASSROOM WITH TABLES AND CHAIRS

ASF: **1,000**

SEATS: **40**

USE

Activities:	Lectures; Learning; Presentations
Access:	Students & Faculty
Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls and ceiling
Natural Lighting:	Required
Light Control:	Sunshades per Design and Construction Standards; Darkening Shades
Casework:	N/A
Accessories:	Vision light at door; Markerboards; Telephone near door
Hardware:	Per Design and Construction Standards

TECHNOLOGY

Audio/Visual:	Ceiling mounted Projector; Ceiling mounted Motorized Projection Screen; Refer to Technology Guidelines for additional information
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

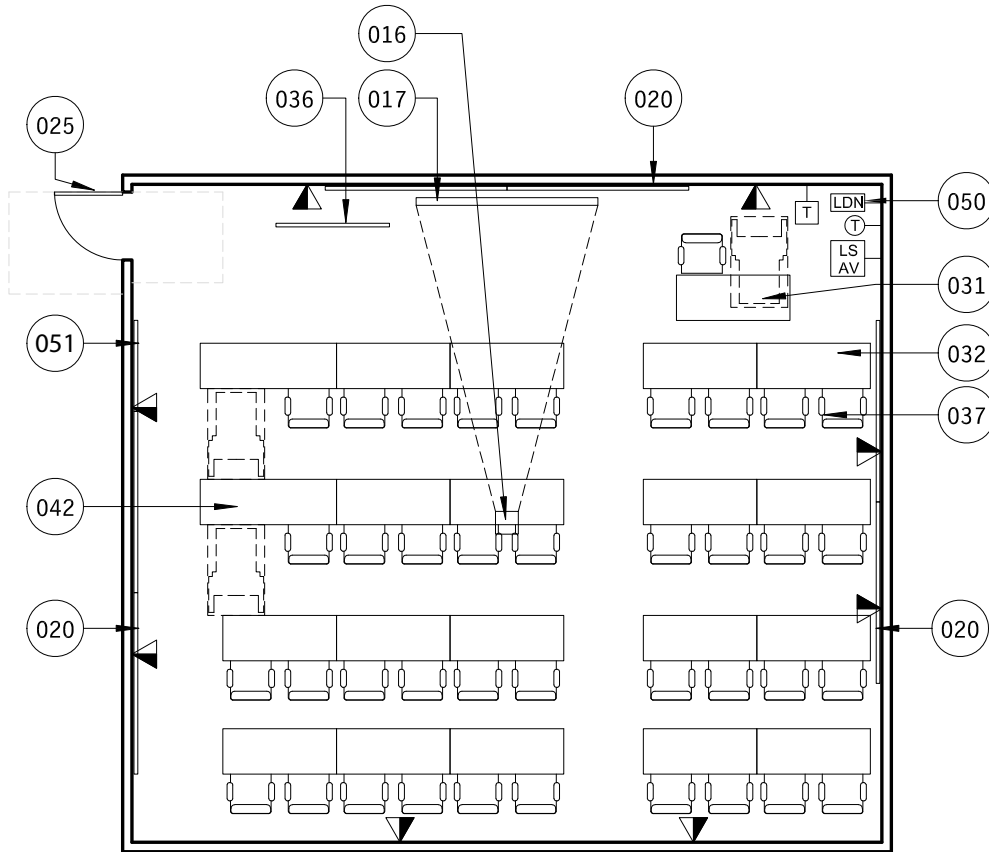|	
Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards
Electrical:	Minimum (2) Power outlets per each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

## 4.02   CLASSROOM WITH TABLES AND CHAIRS
### OPTION "A": TEACHER CONTROLS CLUSTER

KEY NOTES

011	CONFERENCE TABLE(S)
016	CEILING MOUNTED PROJECTOR
017	MOTORIZED PROJECTION SCREEN
020	MARKER BOARD(S)
024	INTERIOR SIDELIGHT
025	VISION LIGHT AT DOOR
031	INSTRUCTORS STATION
032	DESK(S)
036	MOVEABLE MARKER BOARD
037	DESK CHAIR(S)
038	COFFEE TABLE(S)
042	HEIGHT ADJUSTABLE DESK
050	DURESS BUTTON
051	TACK BOARD

LEGEND

WALL MOUNTED NETWORK / POWER

TELEPHONE

THERMOSTAT

LOCK DOWN

LIGHT SWITCH

5.0   PUBLIC SPACES

5.01   LOUNGE

ASF:	**300**
SEATS:	**15-20**

USE

Activities:	Study; Social
Access:	Students
Frequency/Hours:	Mon. - Sun. 7:00am - 10:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Resilient
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound dampening required at walls and ceiling
Natural Lighting:	Required
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Markerboards
Hardware:	Per Design and Construction Standards

TECHNOLOGY

Audio/Visual:	N/A
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	N/A

MECHANICAL, ELECTRICAL & PLUMBING

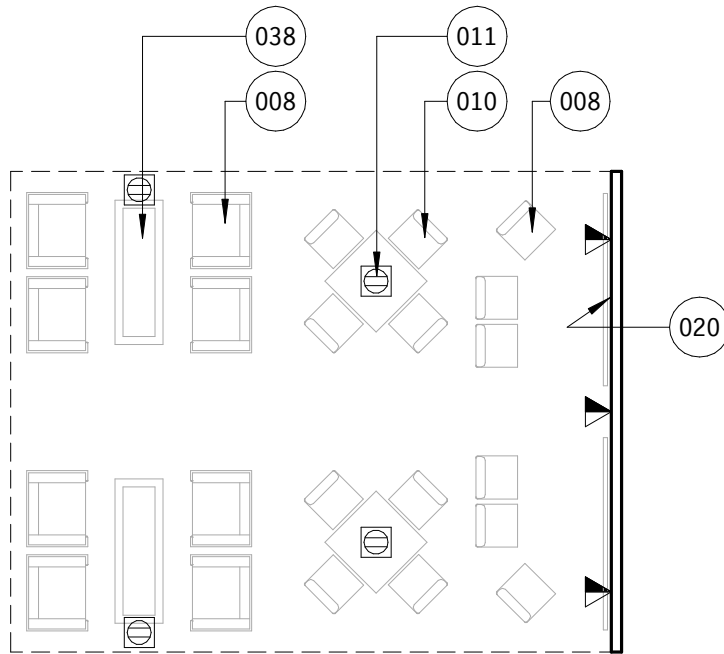|	
Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards
Electrical:	Minimum (3) Power outlets at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

5.01   LOUNGE

KEY NOTES

008	LOUNGE CHAIR(S)
010	CONFERENCE CHAIRS
011	CONFERENCE TABLE(S)
020	MARKER BOARD(S)
038	COFFEE TABLE(S)
039	DINING CHAIR(S)

LEGEND

▼ WALL MOUNTED NETWORK / POWER

⊖ FLUSH FLOOR BOX NETWORK / POWER

5.0　PUBLIC SPACES

5.02　RECEPTION / WAITING

ASF:	**240**
SEATS:	**8-10**

USE

Activities:	Receiving Visitors
Access:	Students & Staff
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Carpet
Wall Finish:	Painted Gypsum Board
Acoustics:	Sound Transmission Control required at walls
Natural Lighting:	Preferred
Light Control:	Sunshades per Design and Construction Standards
Casework:	N/A
Accessories:	Bulletin board; Flier display; Telephone near door
Hardware:	Per Design and Construction Standards

TECHNOLOGY

|	
Audio/Visual:	N / A
Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

|	
Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N / A

EQUIPMENT & FURNISHINGS

See room diagram

5.02   RECEPTION / WAITING
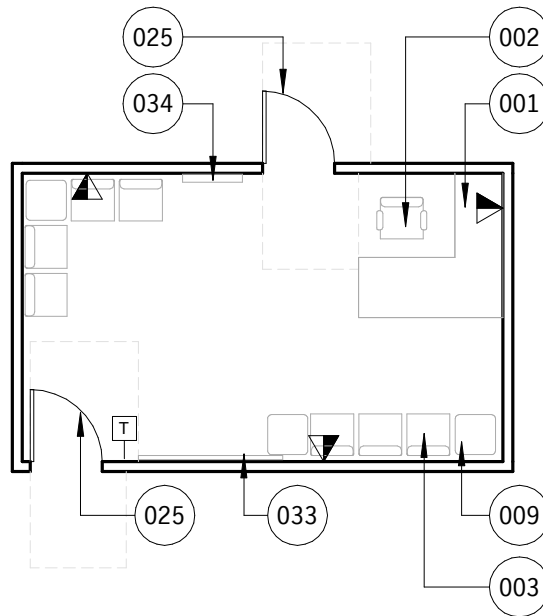
KEY NOTES

001	WORKSTATION(S)
002	TASK CHAIR(S)
003	GUEST CHAIRS
009	SIDE TABLE(S)
025	VISION LIGHT AT DOOR
033	BULLETIN BOARD
034	FLYER DISPLAY

LEGEND

WALL MOUNTED NETWORK / POWER

T   TELEPHONE

5.0 PUBLIC SPACES

5.03 BREAK ROOM (STAFF / FACULTY)

	ASF:	168
	SEATS:	4-6

USE		
	Activities:	Small meetings; Social
	Access:	Staff & Faculty
	Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Resilient
	Wall Finish:	Painted Gypsum Board
	Acoustics:	Sound Transmission Control required at walls and ceiling
	Natural Lighting:	Preferred
	Light Control:	Sunshades per Design and Construction Standards
	Casework:	Base and upper cabinets for Storage
	Accessories:	Full Size Refrigerator; Microwave; Telephone near door
	Hardware:	Per Design and Construction Standards

TECHNOLOGY		
	Audio/Visual:	N/A
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

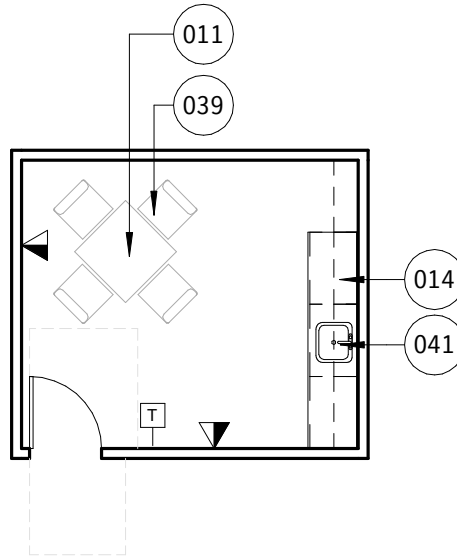| MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (1) Power outlet at each wall
	Plumbing:	Sink; Garbage Disposal

EQUIPMENT & FURNISHINGS	See room diagram

## 5.03   BREAK ROOM (STAFF / FACULTY)

KEY NOTES

|	
003	GUEST CHAIRS
011	CONFERENCE TABLE(S)
014	BASE CABINET
039	DINING CHAIR(S)
041	SINK WITH GARBAGE DISPOSAL

LEGEND

WALL MOUNTED NETWORK / POWER

T   TELEPHONE

6.0 ANCILLARY SPACES

6.01 STORAGE ROOM

ASF:	**120**
CAPACITY:	**N/A**

USE

Activities:	Storage
Access:	Staff & Faculty
Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS

Ceiling Height:	9'-0" minimum, 10'-0" preferred
Ceiling Treatment:	Acoustical Ceiling Tiles
Floor Finish:	Resilient
Wall Finish:	Painted Gypsum Board
Acoustics:	N/A
Natural Lighting:	N/A
Light Control:	N/A
Casework:	N/A
Accessories:	Heavy Duty Adjustable Shelves
Hardware:	Per Design and Construction Standards

TECHNOLOGY

Audio/Visual:	N/A
Network:	N/A
Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING

Ventilation:	Heating and cooling
Artificial Lighting:	Overhead Lighting per Design and Construction Standards
Electrical:	Minimum (1) Power outlet at each wall
Plumbing:	N/A

EQUIPMENT & FURNISHINGS

See room diagram

6.01   STORAGE ROOM
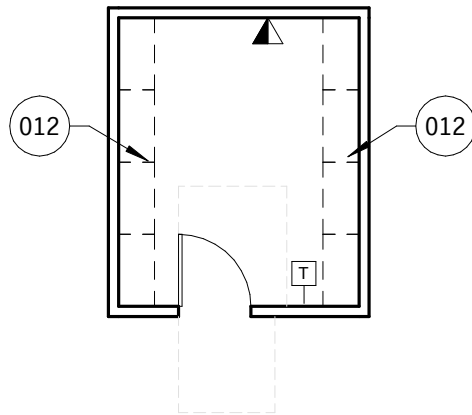
KEY NOTES

012	ADJUSTABLE HEAVY DUTY SHELVING

LEGEND

 WALL MOUNTED NETWORK / POWER

 TELEPHONE

6.0   ANCILLARY SPACES

6.02   WORKROOM

ASF:		**200**
CAPACITY:		**N/A**

USE		
	Activities:	Storage; Production
	Access:	Staff & Faculty
	Frequency/Hours:	Mon. - Fri. 7:00am - 5:00pm

CHARACTERISTICS		
	Ceiling Height:	9'-0" minimum, 10'-0" preferred
	Ceiling Treatment:	Acoustical Ceiling Tiles
	Floor Finish:	Resilient
	Wall Finish:	Painted Gypsum Board
	Acoustics:	N/A
	Natural Lighting:	N/A
	Light Control:	N/A
	Casework:	Base and upper cabinets for storage; Mailboxes (# TBD)
	Accessories:	N/A
	Hardware:	Per Design and Construction Standards

TECHNOLOGY		
	Audio/Visual:	N/A
	Network:	Wireless; Data ports shown in diagram are minimum required; Refer to Technology Guidelines for additional information
	Communications:	VOIP Phone / Data

MECHANICAL, ELECTRICAL & PLUMBING		
	Ventilation:	Heating and cooling
	Artificial Lighting:	Overhead Lighting per Design and Construction Standards
	Electrical:	Minimum (1) Power outlet at each wall
	Plumbing:	N/A

EQUIPMENT & FURNISHINGS	
	See room diagram

6.02   WORKROOM
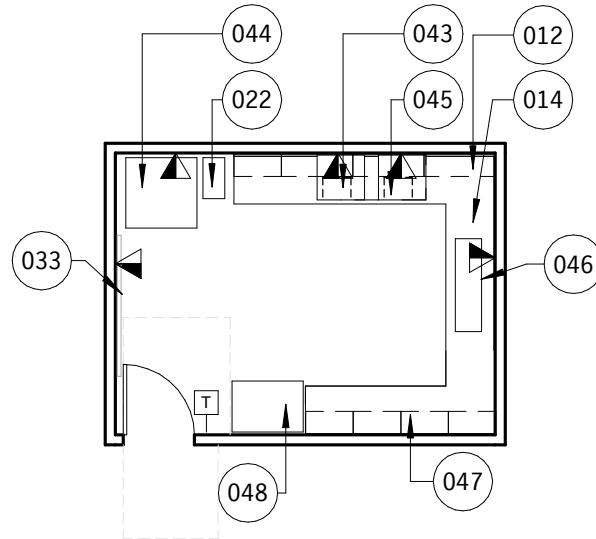
KEY NOTES

012	ADJUSTABLE HEAVY DUTY SHELVING
014	BASE CABINET
022	RECYCLE BIN
033	BULLETIN BOARD
043	COPIER
044	PRINTER
045	SCANNER
046	SCANTRON MACHINE
047	MAILBOXES
048	MAIL BIN STATION

LEGEND

WALL MOUNTED NETWORK / POWER

T   TELEPHONE