

HIGH SCHOOL
EDUCATIONAL SPECIFICATIONS

COMPONENT:

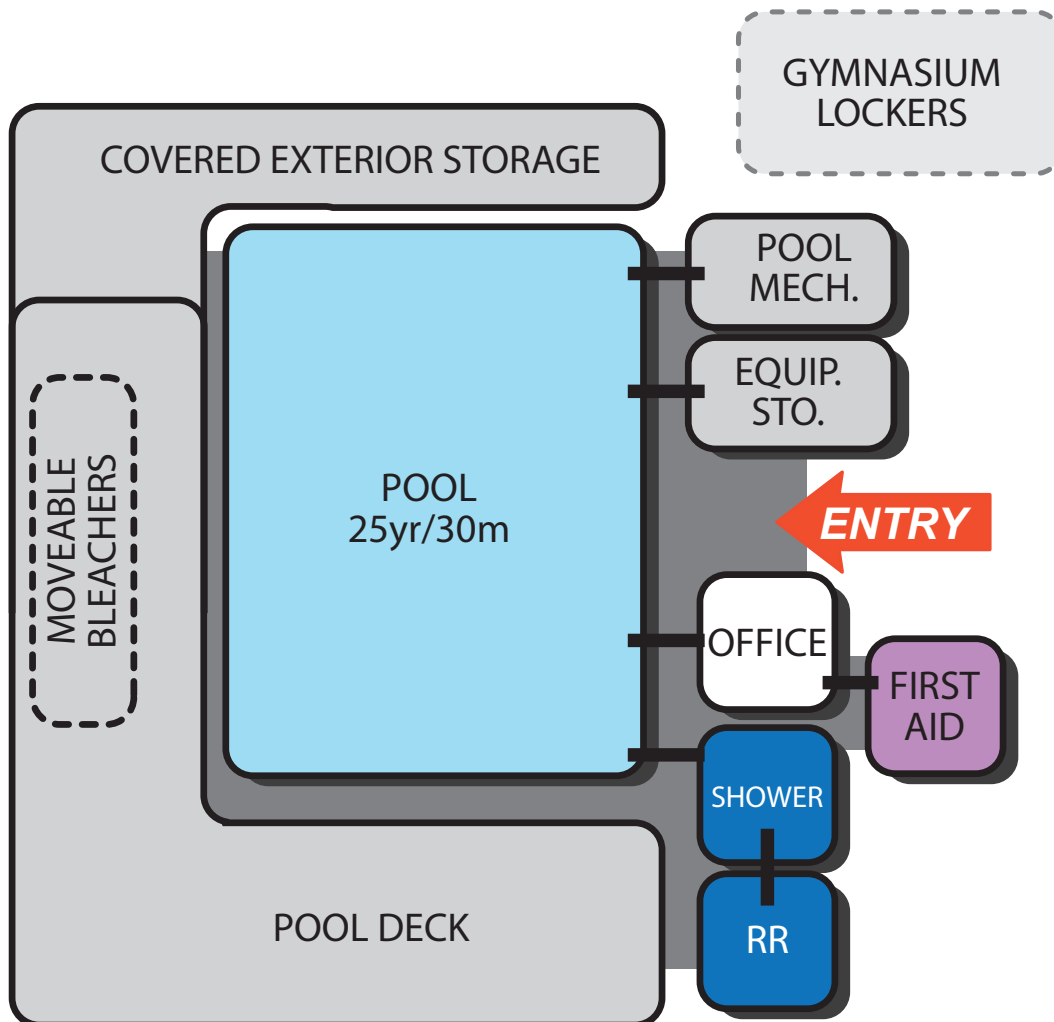
AQUATICS CENTER



DESCRIPTION/GOALS

- The Aquatics Center component provides a full function competition and practice pool facility for various aquatic sports teams, such as swimming, diving, and water polo.
- Multi-functional
- Accessible

ADJACENCY DIAGRAM



ROOM TYPE:

POOL EQUIPMENT / STORAGE

SIZE: 2000 sf

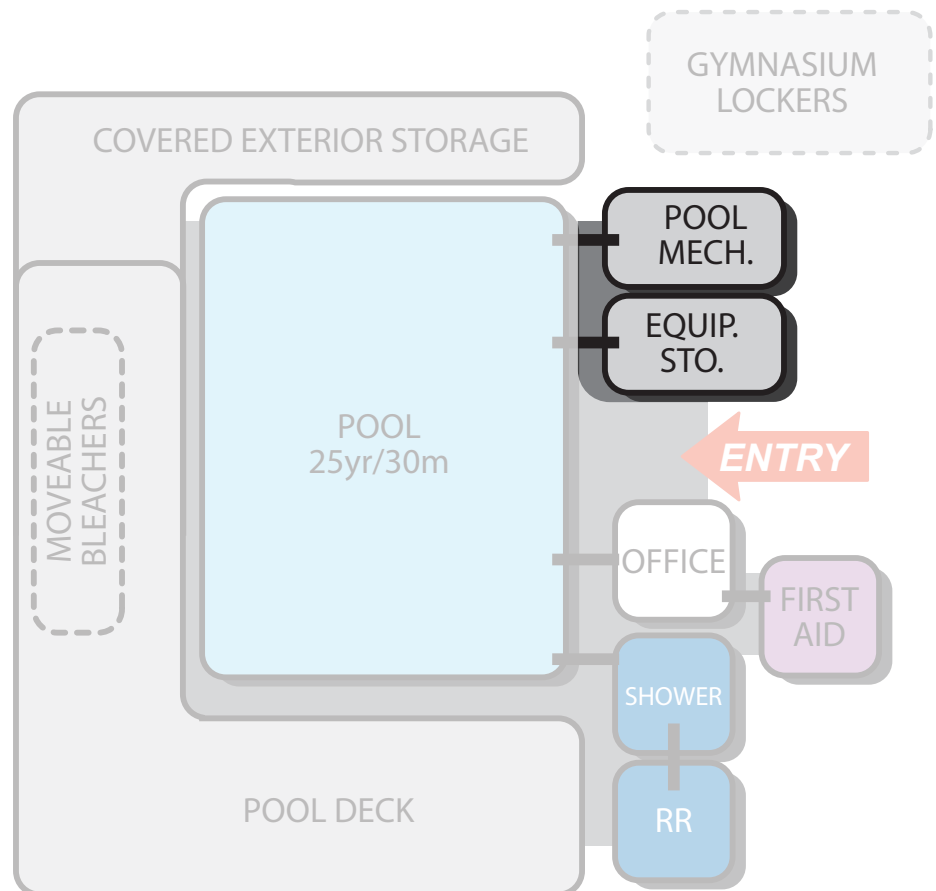
OCCUPANTS: Varies

ACTIVITIES AND USES

Storage of pool equipment such as lane lines, water polo goals, pool covers, starter blocks, etc.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: exposed structure
- Ceiling height: 10'-0" min.
- Wall material: painted concrete block
- Floor material: sealed concrete
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"
 - Part 1: Permanent Schools

DOORS / WINDOWS

- Door with view panel
- Roll-up / garage doors to pool area

FURNITURE / EQUIPMENT/ MILLWORK

- Tall storage cabinets (with locks)
- Pool chemical storage (with locks)
- Markerboard: (1) 4' x 12' or marker wall
- Tackboard: (1) 4' x 4'

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- N/A

PLUMBING

- Large basin sink with hot and cold water

ELECTRICAL / LIGHTING

- Outlets for general room use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Wireless access capable for most computer communications/applications

ROOM TYPE:

OFFICE

SIZE: 100 sf

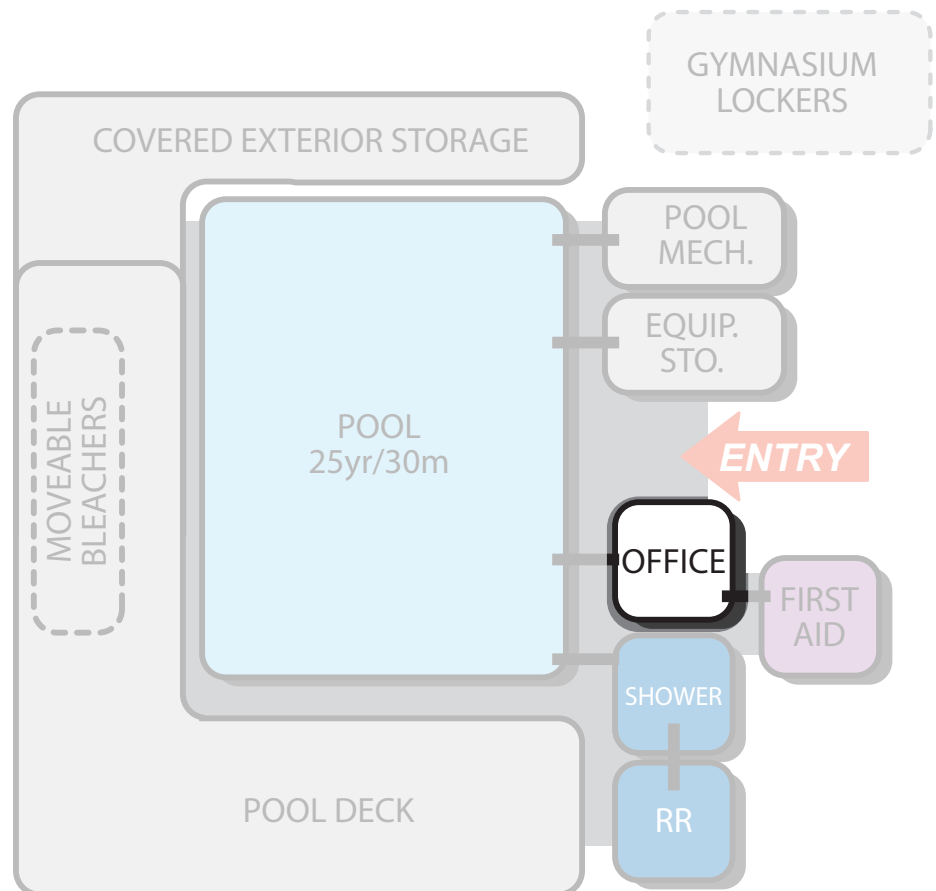
OCCUPANTS: 1 primary (1-2 visitors)

ACTIVITIES AND USES

Office space to prepare materials and conduct administrative activities to include individual and small group informal and formal conferences and consultations with colleagues, staff, students and community members. Control entry to pool from public side.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile
- Ceiling height: 9'-0" min.
- Wall material: painted gypsum board
- One wall tackable surface
- Floor material: carpet tile
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"
 - Part 1: Permanent Schools
- Min. 55 STC rating between office and adjacent occupied spaces

DOORS / WINDOWS

- Door with view panel
- Energy efficient windows with blinds - natural light desirable
- Skylights acceptable
- Visibility to pool and public entry

FURNITURE / EQUIPMENT/ MILLWORK

- (1) Administrative office desk and chair
- (1) Computer workstation
- TV monitor display w/ wall-mount bracket
- Storage cabinets i.e. credenza and 4-drawer file (with locks)
- Markerboard: (1) 4' x 8' or marker wall
- Tackboard: (1) 4' x 4'
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- N/A

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Local area network connectivity
- Wireless access capable for most computer communications/applications

ROOM TYPE:

FIRST AID

SIZE: 180 sf

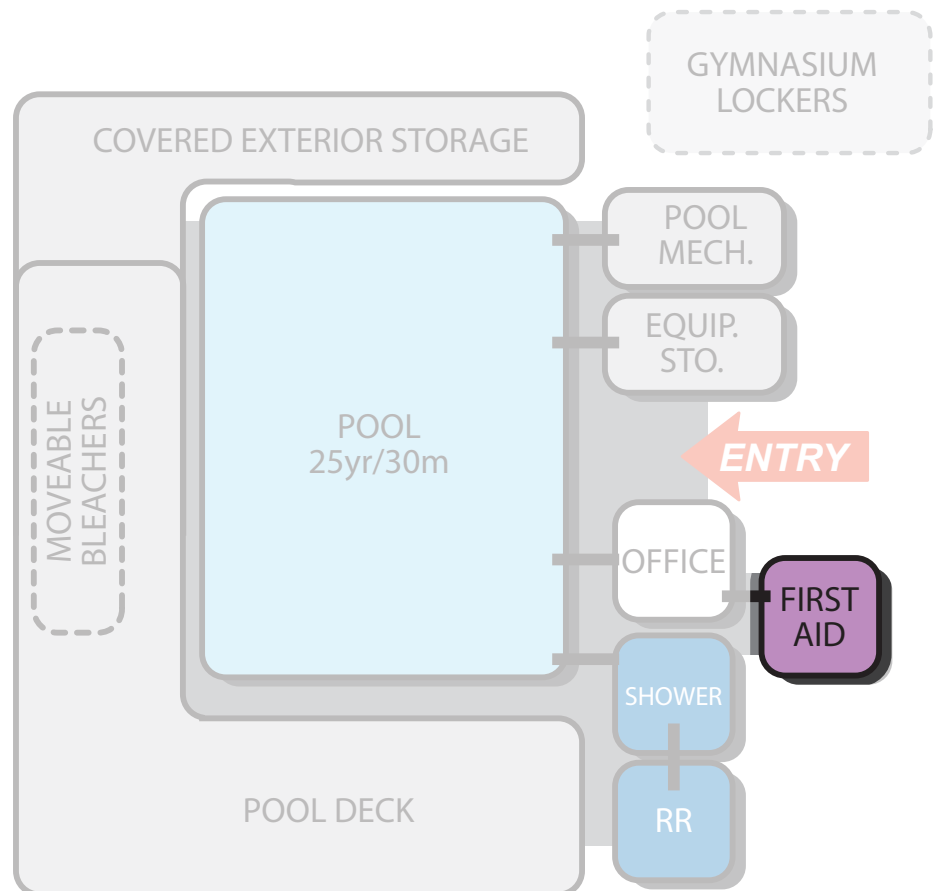
OCCUPANTS: Varies

ACTIVITIES AND USES

Health screening for both physical evaluation and treatment of minor injury.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile
- Ceiling height: 9'-0" min.
- Wall material: painted gypsum board
- Floor material: vinyl composite tile
- Vehicular access for emergency transfer
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,"
 - Part 1: Permanent Schools

DOORS / WINDOWS

- Door with view panel
- Energy efficient windows with blinds
- Skylights acceptable

FURNITURE / EQUIPMENT/ MILLWORK

- Base cabinets with counter top surface and sink
- Tall storage cabinets (with locks)
- Tackboard: (1) 4' x 4'
- (1) Exam table / cot
- Small refrigerator with ice maker
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- Counter sink with hot and cold water
- Water connection for refrigerator and ice machine

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Local area network connectivity
- Wireless access capable for most computer communications/applications