



QUATTROCCHI KWOK  
ARCHITECTS

Date March 3, 2014      Time 3:30PM

## Alameda USD Master Planning

Alameda Science and Technology Institute (ASTI) - Master Planning Committee Meeting #1

### Attendees:

Stan Clark, Project Manager, QKA  
Raymond Keck, Project Architect, QKA  
Also see sign-in sheet attached

### Distribution:

Via District Website

### Facility Master Planning for A.S.T.I.:

#### 1. Ground rules and expectations:

- Bond Measure /Facilities Master Plan overview
- Long-term vision of educational goals for the next 15-20 years
- Master Planning process (as it applies to all AUSD schools)
  - Educational Specifications define curriculum responsive facility requirements
  - 2012 Facilities Assessment indicated about \$90million of facility improvements (did not include ASTI)
  - Demographics – In process of being updated
  - Staff, community input on program needs, facilities issues

#### 2. Alameda Science and Technology Institute

- Located on College of Alameda (COA) community college campus
- Curriculum is an “Early college” model
- Encompasses 10<sup>th</sup> through 12<sup>th</sup> grades
- Enrollment of approximately 200 students
- Entry via application process, with limited enrollment
- ASTI accepts approximately 50 freshmen each year – would consider growth to 60 per year, given facilities to accommodate

- Curriculum utilizes on-site high school classes as well as college courses
- Students enroll in COA classes beginning in 11<sup>th</sup> grade
- ASTI students may earn AA concurrent with high school diploma
- ASTI has approximately 250 students on campus at any given time
- Existing portable classrooms are owned by AUSD
- College of Alameda is currently conducting their own campus Master Plan
- Discussions with COA have considered relocation of ASTI to the current Diesel Technology facility, located on the northeast of campus along Webster Street

3. Needed improvements and/or new facilities:

a. Site Improvements

Pickup/Dropoff/Parking:

- Pick-up and drop-off located at adjacent driveway (staggered at pick up)
- A dedicated drop, separated from traffic, would be desired
- Parking is limited to a paid lot – prefer to have dedicated parking for A.S.T.I.
  - 9 staff
  - 10 -15 students use parking
  - Provide visitor parking

Security:

- Currently ASTI is an open campus
- As part of COA, ASTI prefers openness and inclusion to campus
  - Do not want separation, fencing
- Non-student walk-through not common
- Need for exterior lighting
- Security cameras desired for outside areas
- Need for security locks on all doors
- Desire for safe classrooms with defensible features

Gymnasium/Play Fields:

- Physical Education instruction utilizes shared COA fields, track, and gym
- ASTI does not have priority use, which can be problematic for scheduling
- Ideally ASTI would like dedicated facilities

c. Buildings

Administration

- Principal/Assistant desks (no closed offices)
- Need for private meeting space is critical Do not want separation, fencing
  - Space for 10 – 12 people for counseling and conference
  - Breakout / small group instruction could share the space
- Students frequently utilize office
- Need staff work/break room
- Need textbook storage
  - College textbooks, provided to students per Williams Act
- Need secure file storage (320 sf)
- Lunch currently served out of Admin. space – students line up, eat in classrooms
- Need for lunch room

Multi-Purpose Building

- Currently, ASTI has no common/multi-use space
- Need for a large space, ideally to accommodate 180 people
- Desire for performance space - Lack of physical space to consider performance
- MPR for
  - Robotics (currently conducted off-campus)
  - Performance
  - Leadership
  - Yearbook
  - P.E., etc.
- Portable classroom on the southwest corner of the cluster is used for COA College/Career Center- Explore use for additional classroom or multi-use.
- Storage needed (currently using shipping containers)

Classrooms

- Need for 9 classrooms: one for each instructor (+4 classrooms)
  - $240 \text{ students} / 9 \text{ classrooms} = 26.67 \text{ students per classroom}$
- ASTI currently has 5 classrooms for 6 teachers
- 7 portables:
  - 5 classrooms
  - 1 computer lab

- 1 office
- Provide for growth to 240 students
- Would like to add one classroom for math instruction
- No space for small group instruction – need one
- COA classroom spaces sometimes used short term, by reservation

Specialized Educational Spaces:

- Math classrooms with:
  - Sliding whiteboards
  - Projection capability
  - Wireless access
  - Power to supply moveable tables
  - Flexible furniture with support for technology
- Science Classrooms:
  - 1 currently: Physical Science and Biology (no Chemistry)
  - Sinks are needed
  - Lacks storage
  - Ideally full chemistry lab would be desired with:
    - gas
    - fume hood, chemical storage, etc.
    - emergency shower
    - prep room

Library/Media Center:

- No library/media center currently
- A.S.T.I. uses COA library
- Ideally, A.S.T.I would have a resource library

Storage/Restrooms:

- Provide adequate storage
- Toilet rooms currently not code-compliant for accessibility
- Need custodial closet/storage (currently shared with staff toilet, which impacts accessibility)
- Need for garden storage

Next Meeting: Thursday March 20, 6:30 pm.

