



QUATTROCCHI KWOK  
ARCHITECTS

11/30/2022, 4:00pm Via Teams Virtual Meeting

## Kofman Auditorium, Programming Discussion #2

### District & School Staff Meeting

#### Attendees:

Shariq Khan, AUSD CBO  
Robbie Lyng, AUSD Senior Director of Construction  
Ruth Boyd, AUSD Bond Construction Project Manager  
Susan Davis, AUSD Community Affairs  
Bernadette Gard, AUSD Facilities  
Robert Ithurburn, AHS Principal  
Mark Quattrocchi, QKA  
Bryan Chubb, QKA  
Jedd de Lucia, Shalleck  
Mitchell Cramond, Shalleck

#### **Discussion Points**

- Mark introduced our goals for this meeting, and summary of discussion points during Programming Mtg #1.
  - Goal for the meeting isn't the final selection of improvements, but to find the types of desired improvements within the limits of budget and Division of State Architect (DSA) review.
- Jedd reviewed the design team's scope recommendations document with all attendees. The scope recommendations are attached to these meeting notes.
  - Jedd clarified, much of the recommended work is likely to require DSA review.
  - Also noted, the document includes blue text alternates the design team recommends as stretch-goals, contingent on budget and DSA issues.
- Mark reminded the attendees, the limits to scope we are proposing are of course contingent on DSA not requiring we add additional scope.
  - Mark clarified, we are trying to provide as much in the A/V sphere of work and not dressing rooms, because new dressing rooms may trigger other potential DSA requirements.
- Discussion about the balcony wall at the front row:
  - Mark & Jedd described that it is likely that raising the entire length of balcony is not required, despite the insurance company's report. It is likely that raising the existing balcony is only required where the stairs meet the balcony.

- The insurance company requirement for a higher balcony (new rail or glass) will have significant impacts on stage sightlines.
- Jedd further clarified, if there are known issues during student use of horseplay or other behavior that is concerning near a balcony edge, instead of raising the whole edge and affecting sight lines, Shalleck would recommend simply closing off those 3 lower rows.
- Monty asked whether we are looking at the stage floor, repairing/strengthening?
  - Jedd clarified the stage floor was not part of the scope, but curious if there are known issues.
  - No issues were known.
  - The recommended surface is Masonite panels that are tempered on both sides. Discussion of occasional challenges getting proper Masonite used for stage flooring in case refinishing is desired.
  - Mark indicated no structural investigation was performed for the stage and to asked Monty to let QKA know if there are known structural issues. Monty indicated he was not aware of any.
- Robert asked if the design team had any recommendations at the orchestra pit, or did the team look at it?
  - Jedd responded, that was not part of our scope at this time.
  - Mark agreed and added that attempts to upgrade it would trigger accessibility issues with DSA that would be costly. Therefore, QKA is consciously avoiding work at the orchestra pit, unless additional funding is found for a larger scope project.
- Mark asked how everyone felt about the scope as we've described it?
  - Robert responded favorably and felt this is the right direction and what the design team proposed covers all the district's needs. The community users may have other thoughts, of course.

### **Next Steps**

- Meeting to be setup that discusses these options & recommendations with the community users.

### **Next Meeting**

- Community Meeting date is January 11, 2023.

### **Attached**

- 2022-11-30 - Alameda HS - Kofman Auditorium, Recommended Production Systems Upgrades

## **Alameda HS – Kofman Auditorium**

### **Recommended Production Systems Upgrades**

#### **Site Assessment Summary**

##### **Lighting and Rigging**

- The dimmer racks are outdated and must be replaced.
- All rigging onstage except for 5 linesets have been removed. Those that remain are unsafe/outdated and should be replaced.
- There are no remaining linesets in which to hang production lighting and no remaining circuits to plug in fixtures.
- Footlight fixtures at edge of stage are non-functional.
- The theatre lacks a data distribution system to support a modern production lighting system. (DMX for LEDs)
- Manually dimming house light system would need to be modernized to integrate with stage lighting system.
- The Access to the grid is by a straight uncaged ladder, this is not OSHA compliant.
- There is no main, side, or overhead stage draperies. This limits the function of the space.
- Of the extensive rigging system that was removed, only five operating lines were preserved.

##### **AV**

- Power panels and receptacles are noted to be isolated ground power. After inspection, we determined that there was no isolation transformer and the AVIG power shared the same panelboard as lighting and building power.
- The Sound Mixer is damaged and out of date.
- The Amplifiers at the gallery are mostly non-functional.
  - Access to the gallery is not OSHA compliant.
- The intercom and loudspeakers were manufactured by companies that are out of business but are equipment is still operating.

## **Proposed Scope of work : *Stretch goals shown in Italic Blue***

### **Rigging**

- Re-use existing (5) line sets (*Hazard potential*)
  - *replace (5) lines with motorized hoists\**
- Add dead hung battens for:
  - Lighting (x 4)
  - Masking drapes (x 5-8)
  - *Add additional dead hung lines for more rigging – Scenery/Drapes*
- *Add additional hoists for more rigging – Scenery/Drapes\**
- Specific goals in priority
  - Replace lifting Main curtain(s) with bi-parting curtain
  - Move cyclorama upstage (towards stage rear)
  - Add (4-5) legs and (3-4) borders
  - Replace mid stage curtain with bi-parting traveler
  - Move mid-stage curtain to be behind screen.
  - *Replace screen with motorized screen*

*\* It may not be possible to provide any hoists or operable rigging, and it may be necessary to remove the (5) existing lines. in which case the entire systems will be dead-hung. Ladder/lift access only.*

### **AV work**

- Replace Console
  - *Replace mixing console and stage box with a compact industry standard digital audio console and digital stage box*
- Re-pull new wire through existing conduits at mix, at stage, and at equipment rack
- Provide new equipment in rack: Amps, Playback/recording, etc.
- Reuse Main speakers, ALS, Intercom
  - *Possibly replace intercom and ALS*
  - *Possibly replace with new main speakers*
- *New loose equipment*
  - *2x wireless mics*
  - *Mics, cables, stands, etc.*
- New projector, re-use existing screen
  - *Possible new motorized screen.*
- *Provide (3) new AV panels at critical locations throughout theatre (i.e., Downstage left and right, and mix position.)*
- *Provide new AV panels for installed loudspeaker and AV equipment locations*
- *Provide a simple control system with touchpanel interface at stage and mix positions. Control interface will provide a basic “lecture” level of operation, for ease of use.*
- *Provide a production computer with interconnectivity for audio and video system multichannel playout and record.*
- *Provide fixed camera at balcony and networked production interface to allow bidirectional streaming and streaming control from the mix position.*

## **Lighting**

- New lighting console
- Replace dimmer rack using LED supportive modules (thru-power)
- Replace power receptacles
  - Baseline: as needed/where damaged or missing
  - *Expanded: replace all*
- Adding low voltage DMX distribution, conduit/wire/boxes.
  - Baseline: at Key lighting positions only – (others wireless)
  - *Expanded: add comprehensive distribution*
- *Removal of existing footlight fixtures and replace with power distribution boxes*
- *Purchase New production lighting fixture inventory*
- *Replace houselights*
  - *Incandescent bulbs replaced with high quality LED equivalent*
  - *House light dimmer modernized with integrated DMX dimmer*

## **Architectural & Engineering**

- District provided modification to existing/available space to use for dressing rooms
  - *Alternative: Build out of simple dressing room space to formal, yet small, dressing rooms.*
- Provide safety rail modification at balcony guard.
- Remove stage stairs (these can be used temporarily, but cannot be left in place)
- *Structural accommodations as may be required to support changes to rigging.*
  - *Replace wood beams at gridiron*
  - *Strengthen connections and brace steel below gridiron*
- State required code and accessibility upgrades associated with project: 20% of constr. costs.
- Electrical work associated with system upgrades.

**END OF SUMMARY**