

**Chabot-Las Positas CCD**  
**Las Positas College PSC/AMT Project**  
**Lionakis Project No. 019051**  
**Overall Meeting #13 | LPC PSC/AMT Project - DD User Groups Meeting #04**

Date: 3/5/20  
 Location: Bldg 1600, Rm 1681B  
 Time:  
 08:30 – 09:15 Admin of Justice/SIM Labs/Situation Room  
 09:30 – 10:15 PSC Classrooms and Shared Support / Offices  
 10:30 – 11:15 AMT Welding including outdoor space  
 11:30 – 12:15 AMT Auto Tech including outdoor space  
 11:30 – 12:15 PSC Outdoor space and Fire Training Apparatus

Attendees: Stuart McEldberry, LPC Dean of Academic Services  
 Diane L. Hardy, CSI, Inc Facilities Project Manager CLPCCD  
 Sebastian Wong, LPC Emergency Medical Services  
 Chad McMullen, LPC Public Safety Programs Manager  
 Mike McQuiston, LPC Administration of Justice  
 Brian Hagopian, LPC Automotive Technology  
 Henry \_\_\_\_\_, LPC Smog Referee  
 Scott Miner, LPC Welding  
 Tenley Lubarsky, Lionakis Project Manager/Architect  
 Aaron Buehring, Lionakis Director of Educational Environments  
 Kevin Hall, Lionakis Architect

**1. OVERVIEW**

- 1.1 Review 100% Design Development deliverable with each group while noting comments in Bluebeam session.
- 1.2 Page Turn Topics covered by each session
  - AV Set up
  - Power
  - Window coverings/finishes
  - Electrical, Mechanical and Plumbing Fixture
  - Fit – Equipment
  - Follow up on previous comment from 1/20/2020

**2. PSC: BUILDING A**

**PSC Classrooms - typical**

- 2.1. Laptop carts: laptops are secured within cart. Ensure dedicated outlet for laptop carts and backing on side wall for securing carts to the wall. District should confirm locking preference to confirm amount and location of backing. WP noted that two laptop carts will suffice in Building A for the amount of the equipment to be available for the students. Only (2) charging stations should be provided, rooms A129 and A135 decided by group.
- 2.2. Lighting fixtures shall have dimmable control for front half of the room during projection.
- 2.3. Tackable panels provided on interior walls to help with acoustics and provide display space,
- 2.4. Markerboards (whiteboards) in front of the room. Group confirmed standard 4’x8’ whiteboards are preferred over full height markerboard laminate. Preference is to have 6’-8’ writable surface on either side of projection screen when it is down.
- 2.5. Design team to remove wall mounted markerboard light fixture.
- 2.6. Projection screen should be as close to wall as possible.

- 2.7. Classroom door in A129 relocated to the back of the classrooms. Exterior door in this room is exit only.
- 2.8. Convenience outlets, discussion about students wanting to charge laptops in class. Request to provide more outlets if feasible. SM: ok to use the sticky spaces to charge. WP noted that outlets on window wall will be sufficient: by door and by column.
- 2.9. MM motorized shades not preferred. Consensus: Change to manual.
- 2.10. MM: confirm all storage is lockable.
- 2.11. MM expressed satisfaction with the rooms.
- 2.12. Finishes reviewed throughout meeting and accepted by group.
- 2.13. WP and SG brought up the topic of GoPrint printer stations; provide connections in each classroom for future GoPrint possibility.

### **VR Simulation Lab & Adjacent AJ Storage**

- 2.14. Confirmation that walls & ceiling are matte black.
- 2.15. District to send updated projector/screen cut sheet to Lionakis. WP: use cut sheets and ensure that this equipment is engineered by SFMI to ensure integration with audio and data design. CM is concerned that computer system is compatible with the screen/projector/software.
- 2.16. A follow up IT meeting is to be scheduled in next steps; SG/WP to provide notes for SFMI to review; then set meeting.
- 2.17. This room is not to be outfit as a standard classroom. Group agreed not to provide infrastructure for future classroom possibility since the size of the room would not be suitable for typical class instruction.
- 2.18. Lionakis to confirm STC rating of wall between VR simulation Lab and classroom to the north. The speakers in VR lab are loud.
- 2.19. In Storage room A128, add convenience outlets on E, W & S walls for charging equipment. Leave door as currently designed.
- 2.20. CM is overall pretty happy with the spaces.

### **Mat Room**

- 2.21. Confirm hose bib on exterior NE corner.
- 2.22. Flooring is concrete now; for mats to be rolled out on. As space is joint use; suggest resilient flooring is more multi-purpose. Ensure mats roll up/fold away.
- 2.23. CM to provide required mat sizes and access space around the mats. Needs to be sized for 30 students.
- 2.24. Walls are currently steel studs; and need backing for TRX. Group thought TRX may not happen. GS/MM/CM need to confer on need for wall protection. AB suggested Acrovyn wall panels as an inexpensive durable option.
- 2.25. Confirm 6 outlets distributed. Keep finishes simple, exposed ceiling and duct.
- 2.26. South wall painted white for temporary projection, no whiteboard requested.
- 2.27. Wireless to service this room; suggest rolling in a moveable pro-wise for intermittent presentations.
- 2.28. GS – would tables and chairs be provided for events? Yes, but stored in M&O.

### **Conference Room and Corridor**

- 2.29. Conference room has interior storefront – Lionakis brought translucent film samples to provide privacy-frosting at view zone; CM/MM/SM like uniform frosting or lined; but at least level.
- 2.30. Digital signage near Building A, building B entry Look at the signage of B1000 for specification.
- 2.31. Security Cameras should be pointing at the entry. Note AK update for the security at the Dean's office, reiterated here: ["At this morning's LPC Exec. Meeting the below email communication was discussed. The consensus was that cameras are needed to capture those entering the Dean's suite. It](#)

was agreed that a camera would be installed outside the Deans suite facing the hallway only. No camera's inside the suites. When the DW SMS takes place, camera's that are now in VP area's in B1600, they will be relocated and placed outside the suites facing the hallways capturing those entering the suites, but not placed within the suites." Please iterate as appropriate for this Project.

#### **Adjunct offices**

2.32. Accommodate two workstations each in each of two rooms. No doors. Personal effects storage is a part of FF&E package.

#### **Faculty offices**

2.33. District to confirm window covering treatment at sidelite. DH- proceed with blinds until District gives confirmation.

#### **Records storage**

2.34. WP: need data port in records.

#### **Work Area Room**

2.35. Copier is floor mounted but put outlet at counter height as well. SW indicates that faxes are still requested. WP- Ricoh has fax capabilities.

#### **EMS / Class Lab and Sim Rooms**

2.36. WP – suggests using mobile pro-wise in the class lab. No power or data is needed at the student center tables. Confirmation of resilient flooring.

2.37. SW would like camera above gurneys in the (3) sim rooms. Integrate with LCD to playback (DVR) as a stand-alone system. LCD on wall opposite sink for playback. Designed for immediate feedback.

2.38. Add upper cabinet above the sink cabinet for supplies.

2.39. SW satisfied with spaces.

2.40. In EMS storage room, FF&E solution of metal mesh lockable cabinets. Partial full height and partial upper cabinets above gurney storage. Would require backing for mounting of uppers. See McMaster-Carr or Global caged storage unit.

#### **Shared Classroom A117**

2.41. No need for charging station for laptop cart, (2) other locations identified previously. Modify currently show full height cabinets to lower cabinets and countertops for display.

### **3. AMT – BUILDING B**

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#### **Welding Lab**

3.1. Equipment layout still in progress. Lionakis and SM to meet with Lincoln Electric to gather more information on equipment trends.

3.2. Finishes: concrete floor, CMU walls, chain link at exterior yard.

3.3. SM would like the ability to use a wireless camera with magnetic base at a welding lab surface to project or show in the front of the class. AV controls are located next to the instructor stations. WP wants to check connectivity and data needed as the room gets finalized. Need to track need for floor boxes, data, connectivity. Data and each weld booth; and 1 instructor's station.

3.4. Welding booths – existing booth width is 4', 5' is recommended in industry, with a 6' on one end for ADA.

3.5. Welding rod room has been relocated to accommodate new location of inspection area.

3.6. SM requests projector/AV as per classroom. No mobile pro-wise. Need to connect instructor demonstration table (OFOI). Manual pull-down screen. Add instructor desk adjacent to projector screen on welding room side for rack.

3.7. In addition to pass through window to tool room, SM requests a door. No printers needed.

- 3.8. One 2 Ton Bridge Crane at exterior yard. Confirm needs to be part of the construction, as it is attached to the canopy.
- 3.9. Two 1 Ton JIB Crane in Welding shop.

#### **Lockers**

- 3.10. Lockers are countersunk into block wall with structural block columns between – cut into tool area somewhat. 120 lockers (increased from 90). SM is ok with impact to secure storage tool space. SM request is 100 lockers.

#### **Secure Tool Storage Room**

- 3.11. Door into Corridor has no window. WP – Is computer needed? SM requests (2) workstations at the corner; WP/SG noted the ports outlet. Open shelving provided by FF&E. Power needed at for tool charging at south and east walls. East to have lower storage and counter with convenience outlets. Select counters as FFE or built-in after cost estimate is known.

#### **Shared space/Entry to Building B**

- 3.12. Standard power and charging at entry. Potential for student gathering. Digital signage moved due to added lockers to East wall of entry.

#### **Offices**

- 3.13. Solid door, vision panels, carpet. AMT does not want carpet (District Standard), provide resilient flooring in AMT offices only.

#### **Computer Lab**

- 3.14. Tack panels provided. Consider full white board on each side of the projector screens. Ensure the wall mounted light above the marker boards do not conflict with the projector screen.
- 3.15. Data and Elec in back of room for future GoPrint use.

#### **Smog Bay and Office/Waiting Area**

- 3.16. 220V required for Dyno. Centered in the door as shown is good.
- 3.17. Provide Power/Water/Air overhead, similar to AutoTech bays
- 3.18. Telephone needed in Smog Bay
- 3.19. Add data/elec for desk located in Smog Bay
- 3.20. Henry would like to add exterior door at Office as “an escape”. Added door to smog office is not approved by SM.
- 3.21. Add door between Smog bay and Auto Tech bay to allow student to access Smog bay without walking around. This door approved by SM.
- 3.22. BH indicated that equipment needs 110v and 220v outlets at the walls surrounding the smog shop.

#### **AMT Specialty Lab B123**

- 3.23. No need for floor boxes.
- 3.24. Power & data to +43” near door for printing

#### **AMT Lab B122**

- 3.25. BH approved of this space – no changes.

#### **Tools/Storage**

- 3.26. Add power for charging in SW corner.

#### **Auto Tech Bays**

- 3.27. Power/Water/Air from ceiling

- 3.28. All in one with data mounted at each individual lift. Chabot has mounted to columns. SG concerned about attachment to actual lift. SG to look into pedestal solution and send cut sheet to Lionakis.
- 3.29. Previous request for windows between Auto Tech bays and GM Specialty lab. Structurally unable to accommodate, BH understood.

#### 4. FIRE TRAINING PROP

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- 4.1. DH / AB - provided update on the DSA consideration of the fire training apparatus. GS related that Shasta Community College / Fire District were not satisfied with their 2-story model. AB provided several examples of schools using Fire Facilities which have been recently approved including the 'Deputy Chief' model which reflected the general configuration and overall sf that the Program determined would be satisfactory.
- 4.2. Samples will be provided to DSA for consideration at 3/23 meeting, for direction on how to proceed with prop in the building application. Fire Facilities has GSA-approved models which can be procured through their government sanctioned purchasing program. The pricing is not comprehensive. Depending on the price of the work to accommodate the training apparatus on the site as part of the conventional construction budget availability and resource options will help to determine the cost of the training model, allowing for installation, commissioning, etc. A base model starts at \$750k to 2.7M. Class B props could double costs. Class A fire properties are different; not as 'realistic', but generally more desirable; AB made case for selection of Class A props. In the meantime, GS will review examples of Fire Systems' Deputy Chief model for feasibility in curriculum.
- 4.3. Outdoor equipment storage area and yard - 220v charging stations need to be provided at each bay. Secure storage for charging equipment; TL suggest locating in the equipment room. GS has 40' container with ladders which can be stored in yard; suggest locate next to the fire prop. Class A burn props are shown future.
- 4.4. Training tower should allow min space between to allow fire engine to fit between it and fence. Gate shown to outside. GS requests lighting from buildings; but no light poles in yard.
- 4.5. GS Consider water source near engines and a drinking fountain by the fire training space. Hose bibb at mat room is good location. Consider adding an outdoor shower fixture to shower off gear after the training. Like a beach shower.

#### 5. NEXT STEPS

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- 5.1. Fire Marshall Preliminary Approval Mtg 3/10/20
- 5.2. DSA Pre-App Meeting 3/23/20
- 5.3. Executive Team Presentation 3/26/20
- 5.4. District Room Numbering Approval
- 5.5. 100% DD Page Turn M&O Meeting TBD
- 5.6. 100% DD Page Turn IT Meeting TBD

These notes represent Lionakis' understanding of the discussion and events of the meeting. These notes form the basis of future work. Should there be any incomplete or inaccurate information contained herein, please notify this office immediately for appropriate action. This report, if not corrected within three (3) working days of receipt, shall be acknowledged as an accurate report of the events that took place at this meeting.