



DATE: July 2, 2015
BY: Jerry Osborn

We believe the following record to be an accurate summary of decisions and related discussions. We would appreciate notification of exceptions to this record within ten (10) days of its receipt.

PRESENT:

Dave Jungkuntz	Bellingham Technical College
Kevin Soderland	EvCC AMTEC/Machining
Kim	EvCC AMTEC
Sheila Dunn	EvCC AMTEC
Thom Watson	EvCC Facilities
Jerry Osborn	OAI

PART I GENERAL DISCUSSION

- 1.01 Sheila and Kevin both wanted mobile furniture in the “Mechatronics Lab”. Concept is to develop an overhead grid of cord and compressed air drops; and to role the work tables under the drops as required. The grid of 10’ on center was discussed; but this may vary as we get into design.
- 1.02 Sheila said that the student cap would be 20 students; there was discussion of having 10 stations set up; assumption is that there would be 2 students per station.
- 1.03 Storage: Secure storage is required for the “consumables” used in the lab. After tour, there was consensus that a storage/tool room is recommended.
- 1.04 There is soldering that will occur in the lab; but there was consensus that work surface area exhaust systems would not be required. Air conditioning is required.
- 1.05 Standard AV console and overhead projector also recommended for the Lab
- 1.06 Lab flooring: sealed concrete
- 1.07 Sheila noted that individual lockers would not be needed.
- 1.08 Room needs:

Lab: Sheila said only *one* lab was required as long as the lab was sufficiently sized. Sheila said the lab they toured at Alamo College was round 4,700: the lab area at Bellingham Tech is 2,744 square feet. Architect is suggesting a lab of around 3,500 square feet. Understood that the Lab functions would not need this much space when first opened; but the space will be needed as the program develops.

Kevin said that there are shared functions between machining and the Mechatronics Lab; and proximity between the 2 labs would be a real plus for the program. Thom suggested converting the two general purpose classrooms provided in Phase I of AMTEC, and expanding the area through the demising wall to create a lab of sufficient area. (Thom wins the design synthesis award; it’s perfect solution.

Ceiling height: It does not appear that high-bay volumes are required; but is also felt that the volumes should be greater than the ceilings in the Providence area anticipated for the AMTEC expansion. Architected recommends ceilings (or clear unencumbered space if open ceiling concept is used) around 12’ above finish floor.

Classrooms: Five (5) computer classrooms and three (3) general purpose classroom will be required. Which includes the two classrooms displaced with the Mechatronics Lab..

Offices: The number of offices required was not discussed. Noted that the quality of finishes in the Providence area is higher than the quality in AMTEC Phase I. Some offices may be relocated from AMTEC Phase I into the Providence “expansion area”.

1.09 Support Spaces

Compressor Room: Likely needs to be on outside wall; sound isolation required

Custodial Closet: Mop sink and custodial storage

Storage/Tool Room: Located within Lab area

Toilet Rooms: Students/staff will use toilet rooms established in Phase I AMTEC

1.07 Cost considerations: Sheila indicated that their grant only covers the equipment used in the lab. All other furnishings (tables, chairs etc) are not included in the grant.

Cc: Attendees