PROJECT MEETING

Project: LA Harbor College – Science Complex
DD Meeting – User Groups

Date: Friday, March 26, 2010
Time: 9:00 AM – 12:00 PM
Place: SSA Conference Room #219

Present: Rick Darling  Arcadis, Sr. Project Manager
Tom Johns   Arcadis, Project Director
Lauren J. McKenzie LAHC, Chair, Physical Sciences
Joachin Arias LAHC, Chemistry
Basil Ibe LAHC, Chemistry
Steven Morris LAHC, Physics
Joyce Parker LAHC, Chair, Life Sciences
Ana Escandon LAHC, Biology
Randy Wade LAHC, Biology
Tissa Munasinghe LAHC, Geology/Oceanography
Bill Englert LAHC Facilities Director
Luis Rosas LAHC Administration
Carlos Reyes Build-LACCD Design Manager
Rick Nolette Build-LACCD Warranties
June Pena Build-LACCD Furniture
Rene Nishihiira Build-LACCD Furniture
Donte Adams Build-LACCD IT
Afshan Afshar Build-LACCD Accessibility
Petar Blanusa Build-LACCD WBCx Campus Coordinator
Joe Sion Steinberg Architects
David Chapman Pinner Construction
James Matson HGA Architects
Satoshi Teshima HGA Architects
Matt Dunbar HGA Architects
Sing Sing Lee HGA Architects
Diana Tang HGA Architects

Prepared By: James Matson
Distribution: Rick Darling for Pinner/HGA Team

NOTE: If there are any inconsistencies or errors, please contact this office; otherwise, it is assumed that the following represents a correct record by all present.

ITEM:  SUBJECT:  ACTION  BY:  DUE DATE:
1.0 **BIM**

1.1 Review of 3D Building Information Model. Construction documents are created from the actual BIM model. This model represents 75% CD phase.

1.2 75% DSA review meeting is next Tues. Final 100% CDs are due May 7th.

1.3 Fence was added at greenhouse to protect outdoor shelves, sink and glass greenhouse from vandalism.

1.4 Outdoor terrace at greenhouse could be used for telescope viewing at night – lights need to be controlled so can reduce light level of outdoor lighting.

1.5 Exposed steel diagonal braces are painted steel. They are enclosed at casework in labs and exposed steel above. Diagonal braces at walkways need protection to prevent hitting your head for blind such as change in paving or curb, bench, planter, etc.

1.6 Offices with full height glass have shades on inside and some opaque spandrel glass.

1.7 Need to study trash and recycling container locations throughout the building.

1.8 Clash detection demonstrates mechanical, plumbing, and structural systems all in one model to see if there are any conflicts.

1.9 Guardrails are painted steel. Structural steel vertical members with panels inset. Desire to keep transparency and not allow climbing. Design team to present material for inset panels.

2.0 **Interior Design**

2.1 **Toilet rooms**

- Toilet partition colors are limited in durable finish campus standard Bobrick panels. Other manufacturers were reviewed but are not as durable to scratches.
- Toilet partitions in gray or terra cotta.
- Gray, white and blue wall tiles with orange accents.
- Gray grout color preferred.
- Decision to use white tile with blue and gray tile accents at walls, gray tile floor, gray grout, and gray toilet partitions (Forest Green Bobrick).
2.2 **Corridors**
- Faculty office collaboration area flooring has two tones of gray in simplified pattern sheet vinyl with welded seams.
- Check with manufacturers about campus wax products and it does work.
- Damaged floor can be cut out and replaced.
- Dark gray base.
- Accent walls in blue color Zolotone full height similar to Student Services Bldg.
- White walls in corridors have typ paint above and lower portion is Scuffmaster paint which is more durable. Paint line between the two points – no joint.
- Scuffmaster paint will require maintenance to clean the scuffs and Facilities does not have enough staff.
- Darker color Scuffmaster similar to the accent wall color but slightly lighter on lower portion of wall would be better.
- Drywall metal joint between the two paints.
- Height of lower paint would align with display cases and tackboards.
- HGA to send final samples and drawings to Rick for user review.
- Interior corridors at lab blocks have concrete floors in natural color polished concrete. Exterior walkways have light sandblast finish concrete.

2.3 **Lobby**
- Display cases are full length, 24 ft long and 2 ft deep locked glass cases. White concrete wall finish with clear recycled glass.
- Perhaps too much display case for changing displays and requires a lot of work to maintain.
- On daily basis, lobby is in Child Development area.
- Decision: Two full height display cases preferred with bench seating in middle of floor opposite the cases. Wall area between cases would be concrete panels and plaster panels. Side walls are concrete with interactive display kiosk on one wall.
- Rick will send cut sheet of TV for kiosk.
- Provide museum rail on ceiling for hanging banners 6-8” away from the wall.
- Wall washer lights and lights within the display cases.

2.4 **Conference Room** – blue fabric on chairs. Millwork casework at one wall.

2.5 **Lecture Halls**
- Darker gray floor proposed over lighter color – sheet vinyl either in solid color or pattern. Solid color preferred and darker color hides dirt better.
- Acoustic panel fabric revised to be more acoustically transparent.
- Focus of room will be on seating and fabric.
- Cabinets under markerboards and tablet arms are light wood color laminate.
2.6 Outdoor Solar Lab – folding tables with UV protection and folding chairs. Furniture catalog does not have this furniture – June will review. Gray color. Furniture is light and easy to move into storage room.

2.7 Bike Rack – curved pipe rack proposed but not part of District contract. Same as one at PE Wellness. T bike rack preferred by faculty

2.8 Lecture Hall Seating – Herck Edwards seat option is being proposed due to greatly reduced cost since District seat with extra options became quite expensive. Warranty is comparable to KI district option.

2.9 Labs
- Wood laminate casework, black epoxy counters
- Wet labs have sheet vinyl floor in light gray color with coved base. Dry labs have VCT floors.
- Chairs with no upholstery and high chairs have no casters but lower chairs do have casters. Blue chair color.
- Email Loren M. with inside finish of lab casework drawers and shelves.
- Lab tables still do not have wire management system – lab planner to check with table manufacturer.
- Lab lighting direct indirect fluorescent lighting – with multiple controls? Wall washers at screen on separate controls.

Design Team

2.10 Greenhouse plan reviewed with new fence for security.
- Gate will be added in fence to roof terrace.
- One of three sinks needs to be ADA accessible. Other two sinks should be deeper. Exterior sink should be deeper and will not be ADA accessible. Sediment traps at sinks.
- Need counter space next to sinks.
- Floor drains in greenhouse.
- Potting benches also. Hose bib inside greenhouse. Send cut sheets and plan for potting tables to users and Afshan.
- Plaster finish inside and outside or enclosed room.

Design Team

3.0 Exterior Materials

3.1 Exterior materials and colors were reviewed in sunlight. Concern about staining and aging of all materials.

3.2 Metal wall panels have two different corrugations and are oriented vertically. There are three different colors of gray – two in metallic finish and one in matte finish. The colors vary in different lighting which is desirable.

3.3 Gray concrete paving with broom finish and light sandblast finish for two different textures and colors. Accent paving stripes will be in colored concrete with sandblast finish. There is no stamped pattern to the concrete paving.

3.4 Brick is a red color with iron spots. Thin brick is being used. This color is not a campus standard color but is preferred by the user group since it is more compatible with the color palette for the building.
3.5 High performance glass with a slight tint is being used. Frit pattern glass is used at the east side of the building on the ground floor to control the sun. Sunshades control the light at other areas. Spandrel glass will be a solid ceramic frit.

3.6 Stucco color is not as yellow as some campus buildings. Users do not like the yellow color. The selected color is gray to blend with building palette.

3.7 Boiler Building will have a new plaster finish on hat channels.

3.8 Technology Tower will be a screen wall with lighting and bridge walkways behind.

3.9 Guardrails are painted steel with inset panels in galvanized steel. Material to be presented.

4.0 Furniture Samples

4.1 Furniture samples were reviewed in the modular classroom building.

4.2 Lab table sample in solid maple with epoxy top was reviewed.
   - It is too heavy to move easily.
   - Epoxy top was also scratchable and did not seem to have the final finish
   - Design team to review alternate finish for top that is durable with a lightweight core.

4.3 Lecture Hall seating options: (See attached comparison chart of three seat types.)
   - KI Lancaster chair – tablet arm is too small and belly space is too tight.
   - KI Concerto chair – seat height is too high for short students but seat can be lowered but there is an added cost.
   - Herck Edwards Quattro chair – this option is proposed as a reduced cost option to see if it is comparable quality to the KI options.
   - Seat height is slightly lower, clear seat width is wider and cost is lower.
   - Tablet arm comes in different sizes. Mid size must be used due to the row spacing requirement. One stroke tablet arm.
   - Lower back option preferred. Straight back preferred if available.
   - Warranty is similar to KI – to be reviewed further.
   - Check with Diane Lam if this chair can be added to District furniture catalog.
   - Electrical and data are built in.
   - One piece back upholstery is preferred.
   - Quattro chair was approved by User Group.

4.4 Collaboration Table and Chairs
   - Table with integral mounted swivel seats was reviewed. Seats would be facing each other at two person tables.
   - All poly chair would be used – no upholstery.
   - Too many round edges on table and chairs – prefer squarer look.
   - Is leg space adequate – to be checked.
   - Fixed seats preferred at interior corridors so seats do not block exit path.
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<th></th>
<th>Lancaster modified</th>
<th>Concerto</th>
<th>Quattro</th>
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<tbody>
<tr>
<td>Height of seat</td>
<td>17.34”</td>
<td>17.34”</td>
<td>17”</td>
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<tr>
<td>Width of seat</td>
<td>22” chair 17 1/8” seat</td>
<td>22” chair 17 1/8” seat</td>
<td>22” chair 20” seat</td>
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<td>Tablet size</td>
<td>139 square in.</td>
<td>169.5 square in.</td>
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<tr>
<td>Price</td>
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<td>$600-$700</td>
<td>$400-$500</td>
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<tr>
<td>Belly Room</td>
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### Los Angeles Harbor College – Science Complex
#### Design Development
##### Meeting Sign-in-Sheet

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