



## Minutes 2012 Bond Project Advisory Team (PAT) Meeting Energy Institute High School

**MEETING #:** 5

**LOCATION:** Energy Institute High School

**DATE / TIME:** January 22, 2015, 3:00pm

**ATTENDEES:** (those marked with a check were present)

<input type="checkbox"/>	Lori Lambropoulos	Principal	<input checked="" type="checkbox"/>	Amber Farias	Student
<input checked="" type="checkbox"/>	Jenna Moon	Magnet	<input type="checkbox"/>	Rene Flores	Stem
<input type="checkbox"/>	John Hansen	PLTW	<input type="checkbox"/>	Avin Pasalar	Student
<input type="checkbox"/>	Teresa Maltbia	PTSA	<input checked="" type="checkbox"/>	Richard Tesson	Parent
<input type="checkbox"/>	Shanel Martin	Teacher	<input type="checkbox"/>	LuJuan Harris	HISD
<input checked="" type="checkbox"/>	Timothy Chung	Student	<input type="checkbox"/>	Clay Clayton	HISD
<input checked="" type="checkbox"/>	Valencia Hall	Teacher	<input checked="" type="checkbox"/>	Nestor Martinez	HISD
<input checked="" type="checkbox"/>	Jim Jelliffe	VLK	<input type="checkbox"/>	Todd Lien	VLK
<input checked="" type="checkbox"/>	Ken Hutchens	VLK	<input type="checkbox"/>	Tim Kunz	VLK
<input checked="" type="checkbox"/>	Kedrick Wright	Facilities	<input checked="" type="checkbox"/>	Garrett Wentrek	Anslow
<input checked="" type="checkbox"/>	Mark Shaw	Anslow	<input checked="" type="checkbox"/>	Raul Alanis	Teacher
<input checked="" type="checkbox"/>	Jillian Estrella	Teacher	<input type="checkbox"/>	Noelle MacGregor	Dean
<input checked="" type="checkbox"/>	Richard Tesson	Parent	<input checked="" type="checkbox"/>	Lauren Garcia	Dean

**PURPOSE:** Discussion will focus on status of design.

**AGENDA:**

- Review Site Plan
- Review Floor Plans
- Exterior Elevations/Massing
- Alternate Bid Menu Items

**DISCUSSION:**

1. Jim Jelliffe, VLK Architects reviewed the agenda for the PAT meeting and informed the committee that the estimate for the the current design has not yet been completed by the Construction Manager At Risk (CMAR). He noted that Design Development documents will be submitted on Friday January 23, 2015, at which time Anslow Bryant and Heery will begin their Design Development estimates. Several items that are currently indicated in the design will likely be bid as alternates to ensure that the project can be constructed within the budget. A list of alternates is included in Item 12 of these minutes.



2. Jenna Moon, Magnet Coordinator relayed a request from Principal Lambropoulos that an aquarium be provided in each one of the four Learning Communities. These will need to be considered as an alternate bid.
3. VLK briefly reviewed the Schematic Design Site Plan and noted that the following issues were identified be addressed during design development:
  - a. Proper Turning radius for busses queuing in the western parking lot
  - b. Conflict between busses and deliveries on the north side of the building
  - c. Aligning the service drive to allow garbage trucks to collect trash via a straight-on approach.
4. The updated (Design Development) site plan was presented by VLK addressing the issues listed above. It was noted that the site plan is still a work in progress. VLK received a preliminary topographic and boundary survey, but the complete site survey will be needed in order to finalize the site design.
  - a. It was noted that the Surveyor has reached out to City of Houston regarding covered manholes that need to be opened so they can complete their survey.
5. The following changes have been made to the site design:
  - a. The building orientation has changed slightly to improve useable area and layout of parking on the site.
  - b. Parking has been reduced. The site plan is currently showing 313 spaces. Mr. Jelliffe informed the PAT Committee that VLK has submitted a request for a reduced occupant load to the City of Houston (COH); however, the COH may require additional parking.
  - c. The access road along the north and east sides of the site has been changed from one-way to two-way.
  - d. Bus loading has been moved from the west and northwest of the site to the east and northeast of the site so that it no longer conflicts with the service drive.
  - e. The parent drop-off area has been redesigned to utilize the existing curb cuts along Southmore Boulevard. This will be a one-way drive.
  - f. There was a discussion about the location for students to enter the building. Students will enter the building at either the main entry or through the doors at the east end of Corridor B135. The Architect was instructed to add a walk from the west parking lot to the walk adjoining the parent drop-off area.
6. Mr. Jelliffe presented a proposed layout for the central outdoor learning courtyard (including plans and perspective images), which provides for a variety of outdoor learning spaces. The overall concept was found to be acceptable to the PAT.
7. Mr. Jelliffe reviewed the proposed changes to the distributed Administration areas in Building 'A' and 'B', which were a result of several meetings held during December of 2014. The proposed changes were acceptable to the PAT.
8. VLK presented possible layouts for the College Center, Media Lounge, and Learning Commons. The layouts are all based on a blended learning environment. PAT Committee members were asked to think about proposed options for providing power into the middle of the Media Lounge and Learning Commons.
9. VLK presented three different seating options for the Large Group Instruction Room. The options included:
  - a. Jump Seat by Sedia Systems: This option provides the most seats, however, does not include provisions for power and data at the seats.



- b. Runner Seat by Sedia Systems: This option provides fewer seats; however, it includes provisions for power and data.
- c. Traditional auditorium seating with tablet arm: This option provides fewer seats than the Jump Seat option; however, provisions for power and data can be provided.
- d. All three options can be installed in straight rows or on a radius.

There was a brief discussion about whether or not it was important to have power available at the LGI seating. The consensus of the PAT committee was that this was not a priority. Maximizing the number of seats is more important.

10. VLK presented exterior images of the main entry indicating possible material selections and indicated that material selections may change once cost estimates are received from the CMAR.
11. VLK identified and reviewed items included in the design that are alternates to the base design. These included:
  - a. Photovoltaic Glass Entrance Canopy
  - b. Photovoltaic Glass at the curtain wall of Learning Community 'C'
  - c. Daylight Harvesters
  - d. Glass Marker Boards
  - e. Photovoltaic Array at Outdoor Learning Canopy
  - f. "Wind Trees"
  - g. Aquariums in each of the Learning Communities
  - h. Charging Stations for Electric cars
  - i. Roof garden above CTE Lab-C and its associated rainwater harvesting system.
12. Additional alternates may be added as the design progresses; some alternates may be deleted.

#### **ACTION ITEMS:**

- 1-1 Review the comments noted above and revise the design accordingly (VLK)

#### **WHAT TO EXPECT AT THE NEXT PAT MEETING:**

1. Review of further development of the site and floor plans.

**NEXT PAT MEETING:** Thursday, February 5, 2015 at 3:00 pm.

Please review the meeting minutes and submit any changes or corrections to the author. After five (5) days, the minutes will be assumed to be accurate.

Sincerely,

#### **Nestor Martinez**

Sr. Project Manager

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