

State College Area School District  
Office of Physical Plant  
Ed Poprik, Director

To: Board of School Directors

From: Ed Poprik

RE: **30% review comments**

Date: November 3, 2014

Attached is a sorted, but unedited, copy of all 30% review comments received as of October 30, 2014.

In preparation for the Work Session, the project team will work on the column labeled as "Direction." In this column each item will be classified as either:

ACK – Acknowledged  
(For items that the team has either already included in the project, or accepts as a cost neutral improvement, project enhancement, or cost savings measure)

BD – Board Direction  
(Items requiring direction from the Board)

ANSW – Answered  
(Questions that will be answered as appropriate)

O – Open  
(Open items that need more review and will be addressed at 60%)

Comments from the student session on October 29 are labeled as "Public Forum."

Attached: 30% review comments

Date	Area	From	Source	type	content	Direction
10/29/14	Delta		Public forum	Individual Question	Asked if flooding in previous auditorium location will be addressed.	
10/29/14	Delta		Public forum	Individual Question	Concern with the open nature of commons and potential noise.	
10/29/14	Delta		Public forum	Individual feedback	Request made for a library.	
10/29/14	Delta		Public forum	Individual Question	Asked if middle school students will be separate from HS.	
10/29/14	Delta		Public forum	Individual feedback	Finishes and furniture are important to the uniqueness of the program; "cozy"	
10/29/14	Delta		Public forum	Individual feedback	Day lighting is important.	
10/29/14	Delta		Public forum	Individual Question	How will Delta use/schedule use of Gym in North.	
10/29/14	Delta		Public forum	Individual Question	Location of lockers, type and size.	
10/29/14	Delta	John Messner	Public forum	Individual Question	Did you consider building a separate Delta building possibly in location of South building tennis, or elsewhere? jmessner@psualum.com	
10/29/14	Delta	John Messner	Public forum	Individual Question	Why is it so important to align walls? What type of structure is it? jmessner@psualum.com	
10/29/14	Delta	John Messner	Public forum	Individual Question	Will there be adequate daylighting, especially with interior rooms? jmessner@psualum.com	
10/9/14	Design	CAC for Facilities	Committee meeting	Committee Recommend.	Be sensitive to the "roof" views that are currently shown from many of the public and circulation areas.	
10/9/14	Design	CAC for Facilities	Committee meeting	Committee comment	Details regarding the CTC construction yard, especially for deliveries and also utility support for the greenhouse need further development	
10/9/14	Design	CAC for Facilities	Committee meeting	Committee comment	More detail and thought are required for the "open hole" created at the upper connection of the renovated portion with the new upper addition	
10/9/14	Design	CAC for Facilities	Committee meeting	Committee comment	More detail needed regarding the single or 2-story main connector corridor	

Date	Area	From	Source	type	content	Direction
10/9/14	Design	CAC for Facilities	Committee meeting	Committee Recommend.	Please review the angled corridors and be sensitive to lost or difficult to use spaces created as a result.	
10/9/14	Design	CAC for Facilities	Committee meeting	Committee comment	The 4 story canopy at the main entrance will not provide weather protection, either needs lowered or other provisions added	
10/9/14	Design	CAC for Facilities	Committee meeting	Committee Question	Will there be adequate soundproofing in areas with exposed ceiling	
10/10/14	Design	Rachel Prinkey	other	Individual Question	Security? Current vs proposed?	
10/13/14	Design	Board	Board meeting	Board question	How long is the travel from the back to the front of the building?	
10/13/14	Design	Board	Board meeting	Board Individual feedback	Movement of band students (tuba) from South to the North parking lot seems difficult in this plan, look to improve.	
10/13/14	Design	Board	Board meeting	Board question	Will the CTC yard be covered?	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	Will moving across a level through the four units be done with ramps or stairs? Ramps will improve ADA access.	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	In areas that incorporate light shelves, recommend that blinds be located at the level of the light shelf, not above them (i.e., not ceiling height). Placing blinds above the light shelves defeats the purpose of the light shelf for daylighting. Many staff use blinds for privacy, not lighting control. The design I'm suggesting would facilitate privacy and compromise daylighting features less.	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building- Additional doors between Delta wing and Athletic wing so that the Delta common area can serve double duty during athletic events (e.g. table space during tournaments).	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building- I am concerned about putting a music room next to a core academic room (noise transfer)	

Date	Area	From	Source	type	content	Direction
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building- Is the toilet area next to nurse area really necessary? There is another large toilet area right around the corner.	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building-North building addition Elevation 2.2A – If the horizontal windows were replaced with 2 square windows matching the gymnasium, would this help the two buildings work together better from an architectural standpoint?	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building- Will the commons area be one story or two? Two story could include a lot of clerestory light, and really work well with the two floors of the academic wing (e.g., balcony open to below). Low cost and beautiful!	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building- Will vestibule/entrance be adequate for athletic functions?	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	North Building-Overall, I am concerned about the marriage of the Delta Wing and the existing north building. In the proposed design, the courtyard between the two wings narrows considerably, from about 70' to half that amount. Will it become a tunnel? The entrance vestibule seems undersized for athletic functions. The common area of the Delta wing should be considered as a spillover area during athletic functions, including tournament play, but there are only one set of doors b/w the athletics lobby and the common area. Could a glass curtain wall be used to create a large vestibule that incorporates the existing granite "State College" in the design? This marriage needs to be functional and aesthetically pleasing. It will be seen and used by a lot of the community.	
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	What will prevent students on level one from using the stairs to enter admin suite on ground level?	

Date	Area	From	Source	type	content	Direction
10/23/14	Design	Jim Pawelczyk	email	Board Individual feedback	Where are the elevators in the S building?	
10/24/14	Design	Jim Pawelczyk	email	Board Individual feedback	Since the roof on the remaining elements of the south building needs to be replaced and the structure needs to be augmented, is there an opportunity to add clerestories or solatubes to bring daylight into this part of the building? Some classrooms still have no daylighting.	
10/27/14	Design	Penni Fishbaine	email	Board Individual feedback	I see a need for a toilet in the nurses station as kids must be monitored when vomiting and having gastro issues. I would want to make sure there was an isolated area for sick kids.	
10/29/14	Design		Public forum	Individual Question	Artsmart and LE areas?	
10/29/14	Design		Public forum	Individual Question	Automated security for lockdown/dividing academic/gathering spaces?	
10/29/14	Design		Public forum	Individual Question	Bottlenecks at arrival/dismissal?	
10/29/14	Design	John Messner	Public forum	Individual Question	Educational Model - I like the balcony idea to team areas jmessner@psualum.com	
10/29/14	Design		Public forum	Individual Question	Elevators in each pod?	
10/29/14	Design		Public forum	Individual Question	Elevators just for handicap use?	
10/29/14	Design		Public forum	Individual Question	Entrances locked between classes?	
10/29/14	Design		Public forum	Individual Question	Fewer lockers than students? Suggestion - because many not used now - might be different if location more convenient	
10/29/14	Design		Public forum	Individual Question	Floor Plan & Education Model, concern w/wall divider in auditorium due to functionality vs cost & sustainability	
10/29/14	Design		Public forum	Individual Question	Floor Plan & Education Model, concern, community needs both auditoriums	

Date	Area	From	Source	type	content	Direction
10/29/14	Design		Public forum	Individual Question	Floor Plan & Education Model, Fire code for stairway?	
10/29/14	Design		Public forum	Individual Question	Floor Plan & Education Model, What is the best place for special ed. classes?	
10/29/14	Design		Public forum	Individual Question	Floor plan, Room(s) for tutoring center?	
10/29/14	Design		Public forum	Individual Question	Floor plan, What "roof" covers front entrance?	
10/29/14	Design		Public forum	Individual Question	Floor plan, What is the soundproofing like?	
10/29/14	Design		Public forum	Individual Question	Floor plan, Where is the CTC?	
10/29/14	Design		Public forum	Individual Question	Floor plan, Where is the Roar Store?	
10/29/14	Design		Public forum	Individual Question	Floor plan, Will there be a lot of elevators?	
10/29/14	Design		Public forum	Individual Question	Greater amounts of insulation in the thermal shell	
10/29/14	Design	Community Member	Public forum	Individual Question	handicap accessibility (beyond) ADA (e.g. - doorways & restrooms), door hinges to permit ease of movement	
10/29/14	Design		Public forum	Individual Question	How does having 3 levels compare in size to current 2 buildings?	
10/29/14	Design		Public forum	Individual Question	How many entrances from North building?	
10/29/14	Design		Public forum	Individual Question	How many stairways in each pod?	

Date	Area	From	Source	type	content	Direction
10/29/14	Design	Patrese Huff	Public forum	Individual Question	I am wondering if you can give me some details on the auditorium. How many will it seat? How big is the stage in comparison to the current North auditorium? Will there be as much opportunity for community groups such as Nittany Valley Symphony and Municipal Bands to use the facilities since there will only be one auditorium instead of 2? patresehuff@gmail.com	
10/29/14	Design		Public forum	Individual Question	Instrument storage outside of bandroom?	
10/29/14	Design		Public forum	Individual Question	Only 2 entrances? Side entrances?	
10/29/14	Design		Public forum	Individual Question	Outside view from art rooms - e.g. so they can draw scenery?	
10/29/14	Design		Public forum	Individual Question	Placement of performing arts?	
10/29/14	Design	Jeff Schomer	Public forum	Individual Question	Please make sure to have an auditorium large enough to continue hosting the band, choir and drama events successfully. Thanks. jwschomer@gmail.com	
10/29/14	Design		Public forum	Individual Question	Scenery workshops? Near auditorium?	
10/29/14	Design		Public forum	Individual Question	Student interaction w/green building features, these should be displayed/conspicuous in some way	
10/29/14	Design		Public forum	Individual Question	Upstairs sep. from downstairs?	
10/29/14	Design		Public forum	Individual Question	Use roof as educational - outdoor science area w/ telescopes, etc.	
10/29/14	Design		Public forum	Individual Question	Where are lockers?	
10/29/14	Design		Public forum	Individual Question	Where do students who walk to school (e.g. currently through soccer field) enter building?	

Date	Area	From	Source	type	content	Direction
10/29/14	Design		Public forum	Individual Question	Will the W side of the crescent become an entrance/exit that students prefer to use?	
10/29/14	Design		Public forum	Individual Question	Will there be breakout spaces in corridors or only in pods?	
10/23/14	Finance	Jim Pawelczyk	email	Board Individual feedback	Set base bid with stained/polished/sealed concrete floors. Make alternates for other flooring materials that might increase cost.	
10/29/14	Finance		Public forum	Individual Question	Do we have a giving program?	
10/29/14	Finance		Public forum	Individual Question	How can the community help? Large donors?	
10/9/14	LEED	CAC for Facilities	Committee meeting	Committee Recommend.	Committee expressed some concern regarding battery operated sensor faucets, final selection of faucet should be coordinated with SCASD prior to final specifications	
10/9/14	LEED	CAC for Facilities	Committee meeting	Committee comment	Daylight harvesting and issues regarding light shelves and shades must be further developed and will be critical for next review	
10/9/14	LEED	CAC for Facilities	Committee meeting	Committee comment	Further information is needed on the rainwater harvesting system	
10/9/14	LEED	CAC for Facilities	Committee meeting	Committee comment	More detail needed regarding development of potential green roof and also the status of the retained roof in the renovation portion, especially regarding provisions needed for additional load	
10/9/14	LEED	CAC for Facilities	Committee meeting	Committee Recommend.	Use "low flow" flush valves in lieu of waterless urinals.	
10/10/14	LEED	Rachel Prinkey	other	Individual Question	2.11 will rain harvest serve water closets/urinals only? overflow to storm?	
10/10/14	LEED	Rachel Prinkey	other	Individual Question	3.3 LED lighting for stage?	
10/10/14	LEED	Rachel Prinkey	other	Individual Question	3.5 what would lesson learned from recent projects change in the lighting control system spec?	



Date	Area	From	Source	type	content	Direction
10/13/14	LEED	Board	Board meeting	Board Individual feedback	Consider making exposed rain water pipes clear.	
10/13/14	LEED	Board	Board meeting	Board question	Will there be daylighting to interior of each unit?	
10/22/14	LEED	Blair Malcom/ Scott Rhoads	email	Individual feedback	Cooling Tower:I would recommend the combination of an open tower with a separate indoor heat exchanger rather than closed circuit evaporative fluid cooler. The closed circuit fluid cooler has a coil that is subject to freezing, is not supposed to be drained seasonally, and becomes a significant source of heat loss to the outdoors even when weatherized with insulation and dampers. They might argue that the IECC requires for bypass valves around the fluid cooler, which can take care of the heat loss. But that doesn't resolve the issue of freezing in the outdoor coil (unless there is adequate anti-freeze in the system – which results in pump energy penalty year round). Overall, I think it is better in our climate to have separate open tower and interior heat exchanger components.	
10/22/14	LEED	Blair Malcolm	email	Individual feedback	Have you seen this Solatube product as a daylight option for the new gymnasium and possibly the cafeteria: <a href="http://www.solatube.com/commercial/skyvault#model">http://www.solatube.com/commercial/skyvault#model</a>	
10/23/14	LEED	Jim Pawelczyk	email	Board Individual feedback	Include enhanced insulation for roof (6" rigid, minimum)	
10/23/14	LEED	Jim Pawelczyk	email	Board Individual feedback	Include lightweight green roof (sedum trays). Consider an opportunity for student engagement where CTC grows the plants for the roof.	
10/23/14	LEED	Jim Pawelczyk	email	Board Individual feedback	Please retain an emphasis on EQ credits 7.1 and 7.2. Thermal comfort was one of the most significant community requests and the highest weighted scoring factor during option evaluation (option evaluation criterion F2).	

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10/29/14	LEED		Public forum	Individual Question	Can PSU Arch Engr help w/daylighting design?	
10/29/14	LEED		Public forum	Individual Question	Can the courtyards b/w the units include more naturalized landscaping? (LEED 5.1)	
10/29/14	LEED		Public forum	Individual Question	concern about shading windows - will people pull shades and turn on lights?	
10/29/14	LEED		Public forum	Individual Question	energy monitoring software as an educational tool - NOVEDA, - disaggregate by room/floor, LEED points - educational AND for behavior modification	
10/29/14	LEED		Public forum	Individual Question	Floor Plan & Education Model, concern, Add natural light to LE	
10/29/14	LEED		Public forum	Individual Question	Floor Plan & Education Model, concern, natural light should be added near the end of the hallways & especially in more dense spaces	
10/29/14	LEED		Public forum	Individual Question	How is LED lighting integrated into the learning environment	
10/29/14	LEED		Public forum	Individual Question	White roof? Meadow? Solar panels? Green house?	
10/29/14	LEED		Public forum	Individual Question	Why is green roof small?	
10/29/14	LEED	Andy Lau	Public forum	Individual Question	Would like to discuss daylighting - asl1@psu.edu	
10/9/14	MEP	CAC for Facilities	Committee meeting	Committee comment	Delete the reference to wall hung phones at each classroom door	
10/9/14	MEP	CAC for Facilities	Committee meeting	Committee Recommend.	Eliminate the plug load control components currently shown.	
10/9/14	MEP	CAC for Facilities	Committee meeting	Committee comment	Logistics, size and sound for the wood dust collection system require special consideration	
10/9/14	MEP	CAC for Facilities	Committee meeting	Committee comment	Study and attempt to limit the South building to 1 electrical service vs. 2	

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10/10/14	MEP	Judy Albrecht	email	Individual feedback	Auditorium-assisted listening: Can you keep me informed as far as who does the work? Are the architects in agreement? Do they know what we're talking about? It's just that I've had experiences that involve people saying that there will be hearing assistance devices in facilities, but what they are referring to is the sound system in general - mic, amplifier, speakers - not anything to help individuals hear.	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	1.4.J Is North cooling tower same as South? 1?	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	1.5 heating same as south? what if option 2 is taken, reinstall steam?	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	1.5.I Natatorium coil (how corrosive? what level of exploration?)	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	2.0 plumbing is there CX, including document review?	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	2.3 fixtures; do you find that your mixing valves work? Are wall or floor mounted water closets/urinals preferred?	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	2.4 Hot water generation statement conflicts with plans	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	2.6 PVC sanitary? savings vs sound. material for labs?	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	2.9 fire pumps with dedicated generators or one building generator?	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	3.6 Should phones be added to emergency power?	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	4 or 2 pipe heating system? diversity factor for sizing of water piping/pumps?	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	9-26-14 narrative: No reference to central system. What is the basis of design? would appreciate schematic	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	All utilities will be new. questioning that statement	

Date	Area	From	Source	type	content	Direction
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	BMS- head end/graphics requirements?	
10/10/14	MEP	Rachel Prinkey	other	Individual feedback	Demolition statement of "all existing" to be removed is very aggressive	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	Is there water softening in the South	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	Pro-press allowed?	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	South MEP summary of work-9-26-14 1.3.b or 1.3.c ? what does that mean	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	Use of retention pond for heat sink? ground coupled	
10/10/14	MEP	Rachel Prinkey	other	Individual Question	water design temperatures?	
10/13/14	MEP	Board	Board meeting	Board question	Fiber vs. Cat 6	
10/22/14	MEP	Blair Malcom/ Scott Rhoads	email	Individual feedback	Boilers: Given the low temp application in which the system would actually operate with condensing temperatures in the boiler, I would expect the designers will probably propose high-efficiency condensing type, modular boilers.	
10/22/14	MEP	Blair Malcom/ Scott Rhoads	email	Individual feedback	For the piping, in order to minimize all the corrosion issues with metallic piping systems, I would recommend the reinforced PPR that is engineered for HVAC applications. <a href="http://www.aquatherm.com/heating-and-cooling">http://www.aquatherm.com/heating-and-cooling</a> <a href="http://www.aquatherm.com/aquatherm-blue-pipe">http://www.aquatherm.com/aquatherm-blue-pipe</a>	
10/22/14	MEP	Blair Malcom/ Scott Rhoads	email	Individual feedback	In the regular classroom spaces consider the application of ECM fan motors for variable airflow (for better passive RH control, and reduced noise and increased fan energy savings) and at least two-stage compressors: much greater energy efficiency at part load conditions.	

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10/22/14	MEP	Blair Malcom/ Scott Rhoads	email	Individual feedback	The condenser water loop operates at low temperatures that are ideal to consider implementing solar hot water heating technology. I would highly suggest that some aspect of that be implemented, even if it is just the provisions to add it easily in the future via capped valves strategically located to tap into later to add a solar collector array. The project may not be referencing ASHRAE 189.1, but for what it's worth, here is the "mandatory" requirement in the 2011 version of that standard. (2 attachments)	
10/22/14	MEP	Blair Malcom/ Scott Rhoads	email	Individual feedback	The IECC mandates two-position valves at each heat pump and variable speed pumping systems on water source heat pump systems exceeding 10 hp. I would recommend following the more recent and more stringent ASHRAE 90.1-2010: 6.5.4.4 Hydronic (Water Loop) Heat Pumps and Water-Cooled Unitary Air-Conditioners. 6.5.4.4.1 Each hydronic heat pump and water-cooled unitary air-conditioner shall have a two-position automatic valve interlocked to shut off water flow when the compressor is off. Exception: Units employing water economizers. 6.5.4.4.2 Hydronic heat pumps and water-cooled unitary air-conditioners having a total pump system power exceeding 5 hp shall have controls and/or devices (such as variable speed control) that will result in pump motor demand of no more than 30% of design wattage at 50% of design water flow.	

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10/22/14	MEP	Blair Malcom/ Scott Rhoads	email	Individual feedback	This is getting into the application details, but in general the larger assembly type spaces (gymnasium, auditorium, cafeteria) typically have very wide ranges of loads that almost always require some type of reheat to effectively keep the relative humidity from getting too high under PART load conditions. With water source heat pump systems, that can be handled fairly effectively by specifying the units with hot gas reheat options on those units. Those large units should also be true variable air volume (to better match airflow to load) and variable modulating/unloading compressor technology (variable speed or digital scroll compressors).	
10/23/14	MEP	Jim Pawelczyk	email	Board Individual feedback	Develop logic for photosensing/daylighting. It has not functioned well in our new elementary schools.	
10/23/14	MEP	Blair Malcom	email	Individual feedback	If there is a real commitment to a “high-performance” building, then I would suggest that the design be required to go beyond any prescriptive code minimums in the IECC. Advocate for complying with the Water Use Efficiency, Energy Efficiency and Indoor Environmental Quality portions of <a href="https://www.ashrae.org/resources--publications/bookstore/standard-189-1">https://www.ashrae.org/resources--publications/bookstore/standard-189-1</a> or at least the latest of ASHRAE 90.1, <a href="https://www.ashrae.org/resources--publications/bookstore/standard-90-1">https://www.ashrae.org/resources--publications/bookstore/standard-90-1</a> , which are much advanced from the 2009 IECC. Those will have more aggressive minimum prescriptive requirements for applying things like energy recovery, demand controlled ventilation, and many other details too numerous to repeat here.	
10/23/14	MEP	Jim Pawelczyk	email	Board Individual feedback	Please plan water refill stations for occupants’ personal water bottles.	
10/29/14	MEP		Public forum	Individual Question	concern about not using any geothermal - could we do some/one?	

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10/29/14	MEP		Public forum	Individual Question	Eliminate plug load control	
10/29/14	MEP		Public forum	Individual Question	New HVAC system in the North building athletic areas (not acceptable to ignore the current conditions)	
10/29/14	MEP		Public forum	Individual Question	Solar hot water	
10/29/14	MEP		Public forum	Individual Question	Waterless urinals - smell?	
10/9/14	other	CAC for Facilities	Committee meeting	Committee comment	No FFE is needed in the Greenhouse (specification refinement)	
10/9/14	other	CAC for Facilities	Committee meeting	Committee comment	Specification sections provided are not developed to an extent to be meaningful and in many cases do not match the narratives	
10/10/14	other	Rachel Prinkey	other	Individual feedback	Exception to CenterPoint disclaimer regarding increased fees for changes in scope after design development; please clarify	
10/13/14	other	Board	Board meeting	Board question	How will student access from the South Building be controlled for entering the Natatorium area?	
10/29/14	other		Public forum	Individual Question	Challenge floor to floor heights	
10/29/14	other		Public forum	Individual Question	Floor Plan & Education Model, How are we preparing for community growth?	
10/9/14	Phasing	CAC for Facilities	Committee meeting	Committee Recommend.	Student travel path during Phase 1.2 is very long, any further refinements or improvements should be explored	
10/13/14	Phasing	Board	Board meeting	Board Individual feedback	Movement/travel during phasing for students with mobility limitations (handicapped) seems difficult	
10/23/14	Phasing	Jim Pawelczyk	email	Board Individual feedback	Clarify plan for pool parking during summer 2016 and summer 2018. At least 106 spaces need to be maintained at all times, in addition to ADA parking.	
10/29/14	Phasing		Public forum	Individual Question	Any modular classrooms?	

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10/29/14	Phasing		Public forum	Individual Question	Asbestos	
10/29/14	Phasing		Public forum	Individual Question	Class choice reductions? No	
10/29/14	Phasing		Public forum	Individual Question	Classroom counts gain/loss per phase	
10/29/14	Phasing		Public forum	Individual Question	Concern over time allotted for class change	
10/29/14	Phasing		Public forum	Individual Question	Concern over what happens if project phases are delayed	
10/29/14	Phasing	John Messner	Public forum	Individual Question	Construction Planning - Could you accelerate phase 1.2 by 5 months so that a portion of the new building could be occupied in the 2016 school year? Thanks for the event! Very well Done! jmessner@psualum.com	
10/29/14	Phasing	John Messner	Public forum	Individual Question	Construction Planning - Could you rent added parking from Westerly Parkway strip mall if needed? jmessner@psualum.com	
10/29/14	Phasing	John Messner	Public forum	Individual Question	Construction Planning - Will you have a good opportunity for students to view the construction along the walkways? It is a great learning opportunity. jmessner@psualum.com	
10/29/14	Phasing		Public forum	Individual Question	Contingency for unforeseen conditions	
10/29/14	Phasing		Public forum	Individual Question	Don't like - possible decrease of parking during construction	
10/29/14	Phasing	Andrea Pandolfi	Public forum	Individual Question	Due to other commitments, I could only attend the overview portion of the evening. I'm particularly interested in the construction phasing and student impact. I'd be interested in receiving any information that comes from these sessions. Thanks! andrea@thepandolfis.com	
10/29/14	Phasing		Public forum	Individual Question	Dust/noise, etc.	



Date	Area	From	Source	type	content	Direction
10/29/14	Phasing		Public forum	Individual Question	Gym spaces/per phase	
10/29/14	Phasing		Public forum	Individual Question	How noisy will it be?	
10/29/14	Phasing		Public forum	Individual Question	Max capacity	
10/29/14	Phasing		Public forum	Individual Question	Movement of special needs students	
10/29/14	Phasing		Public forum	Individual Question	Noise during school day	
10/29/14	Phasing		Public forum	Individual Question	parking #'s - maintained	
10/29/14	Phasing		Public forum	Individual Question	Phase 1.2 renovation classroom loss	
10/29/14	Phasing		Public forum	Individual Question	Phasing, class change time increases during construction? - Travel path - east side?	
10/29/14	Phasing		Public forum	Individual Question	Pool ? Open throughout	
10/29/14	Phasing		Public forum	Individual Question	Pool parking concern - Hncp.- Crossing Westerly Parkway.	
10/29/14	Phasing		Public forum	Individual Question	Room availability during each phase	
10/29/14	Phasing		Public forum	Individual Question	School calendar adjustments - No	
10/29/14	Phasing		Public forum	Individual Question	Student crossing time/safety	
10/29/14	Phasing		Public forum	Individual Question	What about Aud. space in P3.1	
10/29/14	Phasing		Public forum	Individual Question	What is the path between buildings? (East/West)	

Date	Area	From	Source	type	content	Direction
10/29/14	Phasing		Public forum	Individual Question	What would happen when there is bad weather? How will it impact schedule?	
10/29/14	Phasing		Public forum	Individual Question	Will class sizes need to be adjusted - No	
10/9/14	Program	CAC for Facilities	Committee meeting	Committee comment	In addition to Middle school addition at Delta, there has been "scope creep" on the High School portion	
10/13/14	Program	Board	Board meeting	Board question	Any changes to schedule or scope?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Administration should review operational plan for Delta middle in the new facility. This design will mix fifth graders and twelfth graders in common areas and toilet areas. Any concerns? Maybe there could be toilets on each floor of the academic wing so that there's more natural separation?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Any accommodation for future CTC programs with practical learning experiences (e.g., bank branch)?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Are conference rooms necessary in learning communities, or can SGIs be used for conferencing?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	For each SGI, locate each room and position windows in it so that the room can be monitored without placing a staff member in the room ("learning suite"). The two smallest SGI rooms on interior, W side of each learning community are more worrisome (e.g., C041 and C042)	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Function of B028 and B029?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Health occupations next to mechanical room could be a problem for noise. Prefer to have more separation of classroom and mechanical spaces.	

Date	Area	From	Source	type	content	Direction
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Is level 3 a scene shop or a science shop next to auditorium?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Is the Aux Gym alternate a potential program addition, or a reduction to meet cost?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Level 1 – Exchange locations of wood lab and agriculture lab so that dust collection system can be placed at building exterior?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Level 4 – Should toddler area be incorporated into rest rooms?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Lockers in Corridor E120 seems like an odd location. I would have thought that they would be closer to LCs.	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	N side of south building main entrance should incorporate a visitor's entrance through main office space. Force visitors through main office when the rest of the building entrances are locked down.	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Total of six teaching stations added in learning communities. Why?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	What are rooms 137-143 and 237-243 on levels B, C, D?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Where is the RIT program located?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Where is wrestling located?	

Date	Area	From	Source	type	content	Direction
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Why a teacher's lounge in B015? Aren't these areas located in LCs?	
10/23/14	Program	Jim Pawelczyk	email	Board Individual feedback	Would like to see the collegiate lecture hall sized to seat at least a double class (50 students minimum), have tiered/amphitheater seating, and include state-of-art technology (including videoconferencing). Good examples are found in the Business Building at PSU. This is one room to invest in high quality design, materials and finishes. It should be a showcase educational facility.	
10/27/14	Program	Penni Fishbaine	email	Board Individual feedback	PE: I know you are having an issue with accommodating PE on the South side, but we did tell our community that kids would only cross for swimming. Perhaps, you can have Crabtree bring suggestions as to alternates for "how we get all PE on South side" or options in the form of bid alternates. Can we have a plan for potential future growth in this area? Then, we have options if we have a financial opportunity to make it happen.	
10/29/14	Program		Public forum	Individual Question	Are other grade acads. planned for 10/11/12?	
10/29/14	Program		Public forum	Individual Question	Composting program?	
10/29/14	Program		Public forum	Individual Question	Could the green roof be used for class projects? (Is it possible)	
10/29/14	Program		Public forum	Individual Question	Floor Plan & Education Model, How will we prepare for the technology for the future?	
10/29/14	Program		Public forum	Individual Question	Floor plan, Are there practice rooms?	
10/29/14	Program		Public forum	Individual Question	Floor plan, is there an "Artsmart" area?	
10/29/14	Program		Public forum	Individual Question	Floor plan, Will we reduce time between classes?	

Date	Area	From	Source	type	content	Direction
10/29/14	Program		Public forum	Individual Question	Will grade levels be broken up by building level?	
10/29/14	Program		Public forum	Individual Question	Will layout mean more/less travel between classes?	
10/9/14	Site	CAC for Facilities	Committee meeting	Committee comment	For site lighting, please specifically mention not using bollards. Walkway lights are preferable as they light more space more effectively as well as lighting the face for security.	
10/9/14	Site	CAC for Facilities	Committee meeting	Committee comment	Many existing trees will be lost due to grading	
10/9/14	Site	CAC for Facilities	Committee meeting	Committee Recommend.	Please review fencing and site lighting details, emphasis should balance aesthetic, durability, and serviceability with sensitivity to cost.	
10/13/14	Site	Board	Board meeting	Board Individual feedback	Consider adding a drop/pick up lane on the North side of the campus	
10/13/14	Site	Board	Board meeting	Board question	Will there be a light at the Welch pool intersection (reaction to no light at O'Bryan)	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	"Y" intersection at Plaza Drive still looks problematic; improve orientation so that major traffic path is to the N parking lot, not to Pkwy Plaza apartments.	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Access from South parking lot to track will be used more often if it is between tennis courts and track rather than south of the tennis courts. It should be ADA compliant. Lots of grandparents (mobility limited) want to watch track meets!	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Add additional parking along the east side of the north parking lot (near the detention basin) if needed.	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Can the steps from Westerly Parkway to north Parking lot be ramps? Better for access and clearing snow.	

Date	Area	From	Source	type	content	Direction
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Has the south side circulator road access point to O'Bryan been reviewed with SC Borough? Is proximity to Waupelani and Weis lot access points acceptable, or will there be a need for redesign?	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Identify access control features on circulator road to Logan Avenue. Open to through traffic 24/7?	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Identify pedestrian safety features for crossing the campus circulator roads (north and south side)	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Identify speed control features on the private circulator roads (north and south side)	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Identify traffic control and pedestrian safety features for crossing Westerly Parkway. Personal preference would be a raised intersection. This is an area we should do as well as we possibly can.	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	If possible, add more parking spaces on the north side within a 400' radius of the Welch Pool entrance gate. I am not, however, recommending an increase in total number of spaces for the campus beyond what has been designed.	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Potential to stage buses or dropoff along W side of O'Bryan? In other words, should O'Bryan be widened when it is reconstructed?	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Prefer elimination of the two seasonal parking areas on south side.	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Remove the head-in parking along the north side of the north parking lot and make it a drop off lane instead. Could serve double duty as an area to practice parallel parking for in-car driver education.	

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10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Review pedestrian path from band wing to corner of O'Bryan and Westerly. How will band members walk from band wing to practice area in north parking lot?	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Review pedestrian path from NW parking lot (in front of north building) to Welch Pool. Do you anticipate crossing Westerly on the east side of the intersection (not ideal for pool) or both sides?	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	The open space in the north parking lot for band practice is an excellent idea, as is striping for a driving range.	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	There are quite a few retaining walls that need to be added around the campus. How will they be constructed? Expected lifespan? Will fencing be necessary to prevent falls from retention walls, or can they be tiered to eliminate fences and create planting areas?	
10/23/14	Site	Jim Pawelczyk	email	Board Individual feedback	Will the new storm water detention basin at the NE corner of the south building be fenced (hopefully not)? Is this an opportunity for "learning lab" program implementation in earth sciences? (biofiltration, select plant species, etc.)	
10/27/14	Site	Penni Fishbaine	email	Board Individual feedback	Office for Delta and PE. - There must be a secure entrance for Delta and PE. I would think a shared office space would make sense. I know you were trying for a separate entrance for Delta, but students coming for PE should have an office monitoring their entrance.	
10/27/14	Site	Penni Fishbaine	email	Board Individual feedback	Pool parking - Concern that we proceed with caution. Any changes must go through the entire board. I have heard that there is an area where they could have closer parking for ADA, but the pool wants it to remain a drop off for vendor's. That is their decision - they have the ability to make it closer. They should be flexible as to the side of the street - as long as within the distance limitation.	
10/29/14	Site		Public forum	Individual Question	Access to track in August/Fall Sports	

Date	Area	From	Source	type	content	Direction
10/29/14	Site		Public forum	Individual Question	Don't like - parking for Welch	
10/29/14	Site		Public forum	Individual Question	Don't like - where's driving range?	
10/29/14	Site		Public forum	Individual Question	Drivers ed course?	
10/29/14	Site	John Messner	Public forum	Individual Question	Educational Model - Really do not like the aesthetics of the fencing idea along Westerly jmessner@psualum.com	
10/29/14	Site	John Messner	Public forum	Individual Question	Educational Model - The most sustainable building space is space that is not constructed. I understand the desire for expansion space, but seems to be important to limit excess space. jmessner@psualum.com	
10/29/14	Site		Public forum	Individual Question	Floor Plan & Education Model, How to ensure safety on Westerly Parkway?	
10/29/14	Site		Public forum	Individual Question	How many exits from parking lots?	
10/29/14	Site		Public forum	Individual Question	How will the CTC courtyard be organized? (auto parking, deliveries, ag greenhouse, building construction storage, mechanic storage)	
10/29/14	Site		Public forum	Individual Question	Like - flat location for band	
10/29/14	Site		Public forum	Individual Question	Like - new parking lot behind South	
10/29/14	Site	Kathy Matason	Public forum	Individual Question	Parking for Welch pool must remain on the South building side. This community made a huge investment in the pool, and safety and access are vital. Handicapped parking during construction! Kathy Matason kdm1@psu.edu	
10/29/14	Site		Public forum	Individual Question	Possible to make sm. retention "wetland" for educational purposes?	
10/29/14	Site		Public forum	Individual Question	Show Westerly Pkwy fencing in renderings of streetscape	



<b>Date</b>	<b>Area</b>	<b>From</b>	<b>Source</b>	<b>type</b>	<b>content</b>	<b>Direction</b>
10/29/14	Site		Public forum	Individual Question	South parking - buses out vs. cars? (way to coordinate?)	
10/29/14	Site		Public forum	Individual Question	Student drop-off too small?	
10/29/14	Site	R.J. Woodhead	Public forum	Individual Question	The CRPR Board continues to be concerned with the parking & access provisions for Wm L. Welch community swimming pool. This concern has been expressed to the design team for at least the past year or more. It appears that the concert plan/layout fully overlooked the pool agreement (2009) and the current site plans cannot accommodate these concerns. rwoodhead@crcog.net	
10/29/14	Site		Public forum	Individual Question	Track bleachers?	
10/29/14	Site		Public forum	Individual Question	Why not project/restore habitat? It's a mistake not to	