

Attending:

Beth Wheat
Ryan Snodgrass
Tracy Harris
Brian Fernandes
Suzanne Downer
John Hosmer
Carolyn Bourgeois
Debbie Pozycki
Keith Pancoast
Tom Risley
Greg O'Hare
Kelly Magill
Bob McTiernan
Larry Payne
Greg Smith
Pervais Alvi
Betsy Kane

Representing:

West Jefferson Hills School District
West Jefferson Hills School District
West Jefferson Hills School District
West Jefferson Hills School District - School Board
West Jefferson Hills School District - School Board
West Jefferson Hills School District - School Board
West Jefferson Hills School District - School Board
West Jefferson Hills Construction Committee
West Jefferson Hills Construction Committee
West Jefferson Hills Construction Committee
West Jefferson Hills Construction Committee
Tucker Arensberg
WTW Architects
Geo-Mechanics Inc.
Turner Construction Company

Email:

ewheat@wjhsd.net
rsnodgrass@wjhsd.net
tharris@wjhsd.net
fernandes720@yahoo.com
suzdowner@gmail.com
jhosmer218@comcast.net
bourgie@verizon.net
dpozycki@bc.pitt.edu
kpancoast53@comcast.net
trisley001@gmail.com
ohareg@hotmail.com
ksmagill@verizon.net
rmctiernan@tuckerlaw.com
lpayne@wtwarch.com
gsmith@wtwarch.com
palvi@geo-mechanics.com
bkane@tcco.com

Meeting Location: Thomas Jefferson High School – Board Conference Room

Meeting Purpose: Thomas Jefferson High School Project Updates and Discussion.

Items of Discussion per the Agenda:

1. The brick selection was reviewed and WTW will take samples to the August 16 Board Meeting for their concurrence. Colors selected are Glen-Gery, Jefferson Blend (Red Brick) and Redland #850 (White Brick).
2. B. Kane gave a quick review of construction progress, with more detailed explanations given in the PCO review.
 - a. Site – The downpours have slowed progress, as even a day or two after the rain the site is too wet to spread the backfill. The contractor is working with Geo-Mechanics to remediate soft spots in the building pad and foundations. It is becoming apparent that the fill from Borrow Pit #3 varies in strata and currently clayey and silty fill is not optimal, with little shale or rock mixed in. The contractor has used the broken up rock per GMI's direction to place a layer of soil, then rock, then roll for compaction. More rock is required, either purchased off-site or made on site with a rock crusher.
 - b. Foundations – Deep foundations are complete in Area A (Natatorium), reinforced block walls were brought up and backfilled. The contractor will continue foundations as the site is brought up to grade.
 - c. MEP Coordination – This is behind schedule. LL was to be complete mid-June, followed by ML mid-July and UL mid-August. Underground is signed off, but will require a revision due to the relocation of the Server Room. The Fire Protection Contractor had fallen behind but appears to be catching up. Clash detection will resume with the FP Contractor's input and it is not expected that this delay will have an impact on the overall schedule.
 - d. Temporary Electric – West Penn Power has responded and met with the Electrical Contractor. Temporary power should be available 3-4 months from the July 28 meeting.
 - e. Gas Line – Peoples Natural Gas contacted R. Snodgrass and offered to install the gas line to the school as a branch off the main line, provided the meter was installed at the school in lieu of at Old Clairton Road, and a Right of Way was granted. Benefit to the District is that future maintenance on the line, if needed, will be the responsibility of Peoples. The work is currently in the Plumbing Contractor's scope, and a credit would be due. The solicitor has been given the paperwork required by Peoples.
3. Change Orders and Potential Change Orders –
 - PCO GC 002 – Eliminate the retaining wall and connect the Main and Admin parking with a Ring Road Pricing was received from both Nello and Kirby. Total is \$151,907. This is a board decision. Some material from the cut and re-grading of the hillside may be suitable for use as backfill.
 - PCO GC 004 – Credit for the Water Vault is pending. The amount initially offered is not sufficient, per Turner.
 - PCO GC 005 – Borrow Pit for backfill material. P. Alvi explained the composition of the soil in the Borrow Pit and how the layers of sediment that created this soil vary. Currently the soil being removed requires rock to be mixed with it as it is being placed, because it is fine. For this reason, PCO 019 has been opened to account for the rental of a rock crusher or the purchase of stone. (see below)

Item Closed

- PCO GC 006 & 007 – Soft spot remediation in the building pad and building foundation, respectively. These PCO's are on a T&M basis. The operation is ongoing based on observations and tests by the GMI on-site representative. Remediation requires removal of the soil or addition of stone or both.
- PCO GC 008 – Modification 5 contained three structural changes: Server room modifications, Surge tank re-orientation and change from block walls to cast-in-place walls, and Steel additions mainly to Rotunda area. The server room will be moved, so modifications will not be needed. The remaining Change Order Request totals approximately \$30,000 and represents steel shop drawing clarifications, and consultant recommendations. Pricing will be reviewed and final pricing presented to the Board at the August 23 meeting.
- PCO GC 009 – Modification 6 changed the permanent Retention Pond embankment based on Geo-Mechanics analysis and borings of the soil in this area, which had not been done in the design phase. No cost has been presented by the contractor. P. Alvi explained the need for the rock toe and clay liner due to soil conditions.
- PCO GC 010 – In response to an RFI, Geo-Mechanics recommended an additional 200 LF of Rock Toe at the base of the main entry road. No cost has been presented by the contractor.
- PCO GC 011 – Steel Storage charges were requested by Nello's fabricator since Phase 2 was delayed. Turner's initial response was to deny this request as there is no indication that Nello informed their subcontractor of the delay. Nello will need to substantiate the expense and attempt to mitigate the extent of storage by delaying the fabrication of some areas.
- PCO GC 012 – Credit for Final Cleaning. This will need to be analyzed vs. District forces or subcontractor.
- PCO GC 013 – Server Room relocation to across the hall due to piping running in shaft above a portion of this room. R. Snodgrass was not comfortable with the proximity of water to the District-wide server. Costs should be minimal, if any. Electrical Contractor's underground will be moved but at no cost.
- PCO GC 014 – Credit for Soil vs Stone Backfill on Utility Lines under pavement. Small credit anticipated.
- PCO GC 015 – Different manufacturer for HDMU block. Due to the brick color change, the HDMU block was not a compatible color. WTW has selected another manufacturer but is researching quality. It is likely there will be no increase in cost.
- PCO GC 016 – Athletic Office Relocation – The Athletic Director has asked to swap office space with the Alternative Education Room, placing athletic offices in the central office area. WTW is checking on square footage as this type of change impacts PlanCon.
- PCO GC 017 – Athletic Equipment Changes – The Athletic Director has asked for changes in equipment including scoreboards, basketball backboards. A PCO was opened but information is not complete.
- PCO GC 018 – Reduce Block Partition Heights @ select locations – Initially reviewed to aid the MEPFP coordination of locating their overhead services within the corridors, WTW determined that additional block walls shown as floor to underside of deck could be reduced in height to 6" above ceiling tile height without compromising fire wall or acoustic design. A Modification will be prepared for this credit.
- PCO GC 019 – Rent a Rock Crusher or Purchase Stone to use in combination with the Borrow Pit soil for raising the building pad (PCO 005), for the Permanent Retention Pond (PCO 009) and the Main Entry Road rock toe (PCO 010). Discussion on this item started with a review of costs to crush a defined quantity vs. purchasing. Initial consensus was to rent, but since the quantity of rock needed is uncertain, purchasing was seen as a better alternative. R. Snodgrass will investigate purchasing through the South Hills municipal and school purchasing group, as purchasing directly requires bids. **Post Meeting Note:** Further review showed that the purchasing group did not have the best price; the state Department of Education would not approve purchasing directly without bidding, and the contractor cost for rental and associated costs would be less than his purchase of stone. The Board approved a rental rate of \$25,000 per month with a \$50,000 limit. Turner is issuing a Construction Change Directive to do this work T&M, and requesting anticipated costs for machine and manpower.
- PCO HC 001 and 002 – Truss Changes are needed to accommodate the HVAC ducts passing through the openings in the truss, or the HVAC contractor could modify the ducts. These changes are being investigated with the truss supplier, WTW, Tower Engineering and the HVAC and General Primes. All are working to minimize the cost while providing the air-flow needed.
- PCO EC 001 – Ring Road pricing is included in PCO GC 002
- PCO EC 003 – Revise Chiller Feeds to Main Switchgear was recommended by West Penn Power due to space limitations of the transformer. This will also improve usage rates by allowing one meter in lieu of two. Pricing will be reviewed and final pricing presented to the Board at the August 23 meeting.
- This is summarized in the PCO sheet of the Monthly Report below. *Note: Unless pricing has been received from the Prime Contractors, the pricing listed under Potential Exposure is a place holder.*

PCO #	WTW Modification #	Description	Proposed Amount	Potential Exposure	Status/Comments
BP-1: GENERAL CONSTRUCTION (Nello Construction)					
001		Accept Alt.2B Myrtha Pool in lieu of Alt.2A full ceramic tile gunite pool	\$0		Approved, 2/23/16 Board meeting
002	Mod # 3	Eliminate retaining wall; Ring Road to connect Main and Admin Parking	\$131,674	\$131,674	See also ElectricPCO '001.
003	Mod # 1	Use select inert granular fill in lieu of inert fill under fdns larger than 8'x8'	\$132,544.49		Declined, per GMI recommendation.
004		Credit for Water Vault installation by Golden Triangle	(\$24,987.67)	(\$30,168)	Negotiating with Nello for more credit.
005	Mod # 4	Alternate site for inert backfill material (Borrow Pit) - CCD #1	\$93,330	\$150,000	Cost to Date per Pay Application
006		Additional work required in soft spots as directed by GMI site inspector	\$62,279	\$75,000	Cost to Date per Pay Application
007		Additional stone and undercut in foundations, directed by GMI site inspector		\$50,000	Time and Material tickets being verified
008	Mod # 5	Structural Drawing Clarifications; pool surge tank; rotunda; server room	\$42,171	\$30,000	Verifying pricing. Coordinate with 013.
009	Mod # 6	Permanent Retention Basin Embankment Modifications		\$20,000	Awaiting pricing.
010	RFI 187	Additional 200 LF Rock Toe at Main Entry Road, directed by GMI in RFI #187.		\$20,000	Awaiting pricing.
011		Steel Storage		\$175,000	Letter refuting; this is potential exposure
012		Credit for final cleaning by District	(\$129,568)	(\$129,568)	Awaiting Decision
013		Server Room Change		\$1,000	Awaiting Decision
014		Credit for Soil vs. Stone Backfill on Utility Lines under pavement		(\$5,000)	Awaiting pricing.
015		Different manufacturer - HDMU block		\$5,000	Awaiting WTW research
016		Athletic Office relocation		\$2,000	Pending request for pricing
017		Athletic Equipment Changes		\$30,000	Pending request for pricing
018		Reduce block partition heights @ select locations		(\$20,000)	Pending request for pricing
		Total	\$174,898	\$504,938	
BP-4: HVAC CONSTRUCTION (Ruthrauff Sauer)					
1		Cost for modifications to accommodate Gym roof truss		\$34,000	Budget pricing; alternative in review
2		Cost for modifications to accommodate Pool roof truss		\$25,000	Budget pricing; alternative in review
		Total	\$0	\$59,000	
BP-5: ELECTRICAL CONSTRUCTION (Kirby Electric)					
001	Mod # 3	Add conduit, lighting to Ring Road to connect Main and Admin Parking	\$20,233	\$20,233	Add to GC-002
002		Main Power Supply from Loading Dock Area to south of bus roadway	\$126,232		Not recommended per West Penn Power
003		Revise Chiller Feeds to Main Switchgear	\$18,033	\$18,033	Recommended per West Penn Power
		Total	\$38,266	\$38,266	

In discussing the PCO's, some members of the Construction Committee expressed that the Architect should be responsible for the cost if an error or omission occurred. The Architect does not charge additional fee to correct an error; an omission is scope that would have been paid by the District if it had been present at bid time. **Post Meeting Note: Two articles on Errors and Omissions were circulated to the CCC members to explain the contractual obligations on E & O.**

OLD BUSINESS:

- R. Snodgrass reported on using an all-terrain vehicle to follow the 'paper street' near the western property line from Pearson Road to Gill Hall Road. Using a satellite image, he explained that the terrain is much steeper than it seemed and he could not complete the route. He estimated a 60% grade. D. Pozycycki asked why the First Responders are making this request now. Emergency response time is now 9-10 minutes and they wanted a shorter route. It is 8800 lineal feet from Waterman Road to the property line, plus additional footage to the building location. Ryan mentioned that there are other options to explore, including a route from Jefferson Elementary to Rt. 51 on land already owned by the district but it is also steep. D. Pozycycki and G. O'Hare asked that this topic be put on hold.

Item on hold

6-16-16: No Update

- Phase 1 Status** – No status report was given at the meeting. **Post Meeting Note: R&B is working to submit final paperwork for closeout and final bill to release retention in September.**
- The District has been named a finalist in the \$10,000 grant from the Allegheny County Conservation District. Mr. Geiger will be working on a plan to be submitted for the final round.

4-12-16 Update: None provided. *Post Meeting Note: T. Risley and R. Snodgrass accompanied Tim Schumann of Peters Creek Watershed, John Thatcher, former Allegheny County Conservation District member, Rick Moore, geologist, & Jefferson Hills EAC, and Tom Donohue on a walk from Beam Run up to the school property. They reviewed the areas and projects outlined in the grant and took a look at the options of connecting a trail from the District Property to the Montour Trail.*

5-12-16 Post Meeting Update: *Mr. Giger was notified by ACCD that WJHSD has been awarded a grant of \$5K for the project.*

6-16-16 Update: T. Risley noted that the grant would be directed to decks for observation and suggested that the Facilities Committee help with applying for more grants, and getting the students and teachers involved. The Jefferson Borough Advisory Council and the Pleasant Hills Garden Club should also be approached for assistance. R. Snodgrass could take interested parties to visit the site. Coordination with construction would be required.

7. D. Pozycki brought forth several items that need to be addressed by the committee in the near future.
 - a. A list of items not yet defined (i.e. telecommunications, security etc.) but included in the contract
 - b. A list of items to be supplied by the District (i.e. furniture, fixtures, equipment) and their timing and cost considerations. Dr. Panza said he and R. Snodgrass have had preliminary discussions, and R. Snodgrass has met with vendors and explained it will be an open bid process with some items coming from the existing school. T. Risley asked if curriculum will drive some discussion and selection and noted the HS principal needs to provide input. J. Hosman noted that while FFE and Technology funds are included as a percentage in the budget shown to the community, things "in the budget" are somewhat discretionary, because existing furniture can be re-used. Dr. Panza said the conversation needs to begin: an order should be placed no later than 1/2018 meaning bids should occur by 9/2017.

Post Meeting Turner Note: As WTW has defined most of these items on the contract drawings and Turner has maintained a list of items pulled as FFE during Value Engineering, they will formalize a list.
 - 5-12-16 Update: B. Kane submitted a list of items included in the contracts (A-11 series), and items located on the drawings (A-12 series) but considered FFE. R. Snodgrass added that an inventory of the existing high school will be done to determine the condition of equipment etc. that could be moved, and items may be added to the list. Tom Risley pointed out again that many conversations have been held about matching furniture with curriculum and teachers and that while Ryan's effort is necessary, so is someone else who is looking at the issue from how the 2018 classrooms should be appointed and generating a list of furniture and equipment from needs/requirements. Then match that up with furniture inventory of current high school Ryan has developed. This should be a Facilities Committee function to move forward with.
 - c. Conflict of Interest – vendor approaches in community. Bids already awarded are the result of a transparent design process, and the Board, Administration and Construction Committee can no longer influence a decision.
 - d. Items to be Bid – Where should interested parties be directed? Do all items require bidding?
Advertising?
 - e. Addition Board Action Required – Clearly define the CCC role moving forward. What involvement does the committee have regarding the old high school demolition, plans for the District Admin, etc.
 - f. Facility Committee of the Board – When will the Facility Committee become the replacement for the CCC? C. Bourgeois was in attendance and said she would represent the Facility Committee at future meetings.
 - g. Bathroom Facility Design – What is WJHSD policy and does the new HS design conform? T. Risley said the current issue of gender identity is a Board issue, but an opportunity exists to get direction before construction is complete. He suggested the Solicitor and Architect be consulted and made the recommendation to fund A/E to look at alternative bathroom and locker room facility design and make recommendations to district. *Post Meeting Note: emails have circulated suggesting the Board establish policy on this issue prior to design changes.*
- 6-16-16 Update: Items a-f were discussed. R. Snodgrass said he is working with C. Sefcheck on the inventory of the high school and pointed out that the drawings include furniture layout. T. Risley said he continues to recommend that the Administration develop a list of furniture required for the new school in addition to inventorying the current high school. Then match the list to what will be needed for the new school to fulfill the vision discussed at the start of the project. He said he did not want to see all of the existing furniture moved, but wanted staff input on the types of seating and desks best suited to the learning

atmosphere. The Facilities Committee recommends that the Facilities Committee take this item over and that the CC should be involved. On behalf of the Facilities Committee, C. Bourgeois agreed.

Item g was addressed with a discussion on policy, plumbing codes, federal and state positions and the difficulty of incorporating unknowns into a building under construction. M. Hoffman questioned whether there is a 'building' solution, as solely providing some gender neutral facilities is not enough. T. Risley stated that a design with all facilities gender neutral would suffice but current county plumbing codes would prohibit changes along those lines. S. Downer asked if the Architect could plan gender neutral facilities, giving WJHSD an idea of what it would take. K. Wilmes said they would need direction on what the intention of policy is, and noted that the example of Pitt's gender neutral dormitory is a case of residential use vs. public use codes. G. O'Hare asked what the state's position is, and M. Hoffman said it is evolving. C. Bourgeois said the Facilities Committee wants to wait for the PSBA to complete a policy statement. G. O'Hare said the potential cost of changes should be investigated, and asked WTW for a rough order of magnitude for design costs. M. Hoffman noted that similar to ADA modifications, changes would be required to be incorporated over time as buildings are renovated and brought to existing codes. All agreed that it will be resolved most likely by a School District policy in the future.

8-12-16 Update: Not Discussed

19. R. McTiernan informed the committee of the letters received from the Plumber's Union (to the District) and the lawyer for the Plumbing Prime Contractor (to the Solicitor) objecting to the utility sitework (installation of the Storm, Sanitary and Water Line) being included in the General Construction Contractor's scope of work as opposed to the Plumber's. Specs state that if a plumber is required, the GC must utilize one. Another objection was that this violates the Separations Act. The PLA covers jurisdictional disputes, and this is being referred to the Executive Committee meeting, scheduled for Tuesday 5/17, which includes the Building Trades Council representatives, the District representatives and will also be attended by Matt Hoffman/ Tucker Arensburg, and Turner representatives. *Post Meeting Note: The Building Trades Council representatives said they were surprised by the letter, as this should have been handled within the framework of the PLA by the Unions involved. They assured Dr. Panza and M. Hoffman that a letter would be issued rescinding the complaint. M. Hoffman sent a letter to Wheels Mechanical's attorney, Sean Audley, advising him of this position.*

6-16-16 Update: M. Hoffman informed the committee Wheels Mechanical filed a preliminary injunction on the basis that the assignment of work violates the Separations Act. A brief hearing on the complaint was held on 6/15 and the court set a hearing for August 17. The Building Trades Council tried to dissuade Wheels, but the PLA is directed to what trade performs the work, not what contractor. Nello is also a party to this action and the Laborers Union may claim the work. At risk is whether or not a portion of the work has to be transferred from Nello to Wheels. Per M. Hoffman, there is no risk of work stoppage or financial impact to the District since this is between District Contractors.

21. L. Payne explained that since the Phase 1 change order exceeded \$300,000 due to the additional grout costs, PDE requires PlanCon Part I to be submitted. He has a conference call with PDE rep and will clarify if a submittal is required when future change orders reach \$300,000 in aggregate. *Post Meeting Note: All future change orders must be submitted to PDE, since the limit was reached. This approval must be given prior to board vote on a change request that is in excess of \$19,400 including OCIP and Builders Risk Insurance cost.*
22. With the departure of Dr. Panza, Turner requested guidance as to who should be considered the WJHSD Lead Representative and authority for signature. WJHSD Board will need to identify who has authorization to act on School District's behalf. *Post Meeting Note: Beth Wheat, Acting Superintendent*
23. K. Wilmes presented slides and materials boards to establish a direction for the overall interior finish selections for the project. The building areas will be zoned according to the following color palettes:

Scheme 1: General (Entrances, lobbies, main corridors, administrative offices, media, dining, art, tech, music)
Scheme 2A: Academic (lower level)
Scheme 2B: Academic (main level)
Scheme 2C: Academic (upper level)
Scheme 3: Natatorium

Scheme 4: Auditorium

Scheme 5: District Offices (will closely follow Scheme 1, with potential for different accents/identity if desired)

Samples are being gathered from product submittals received from the Prime Contractors so far. For some areas of the building, such as the natatorium and auditorium, samples have not yet been submitted to allow for full development of those palettes. This discussion therefore was primarily focused on Schemes 1 and 2.

Each floor of the academic wings will have a different color to help with wayfinding and identity. The Small Group Instruction rooms will act as the threshold to the academic wings, with accent walls and bulkheads. The recessed entry niches to each classroom will also have the accent paint color. Instructional areas were planned to have one accent wall, the main teaching wall, to create focus and interest at the front of the room. J. Hosmer asked about colors conducive to learning and the committee preferred a gray accent wall in all classrooms uniformly, in lieu of an accent color relating to the scheme of the academic wing.

Doors will be a maple grain with a dark stain, with a complementary dark HM door frame color that will coordinate with the Ground Face Block and resilient wall base throughout the building. Lockers will be a uniform neutral color throughout the building. Carpet tile selections will be linear patterns in the admin/office areas, with non-linear patterns in the media center to coordinate with the radial furniture layouts. Terrazzo will be a 4-color range of off-white to dark gray; floor patterns drawings were published in the Bid Set documents.

Based on feedback from the group, G+P will proceed with the proposed palettes for Scheme 1: General and Scheme 2: Academic Wings. As the remainder of the samples are received, the remaining color palette schemes will be developed. G+P will make another presentation to the CCC once the remaining palettes are developed. K. Pancoast asked about furniture color. K. Wilmes replied that a consistent color of furniture will allow for flexibility and availability over time.

Action Items:

1. West Jefferson Hills School District: Define CCC role moving forward; Initiate policy on transgender lockers and restrooms
2. Turner Construction: Obtain PCO's from GC.
3. WTW Architects: Submit PlanCON Part I, and discuss process for future change orders; Prepare additional interior samples for presentation/ discussion at future meeting.

Next Meeting:

1. Construction Committee Meeting – September 15, 2016, Time 5:30 PM, Location: TJ High School – Cafeteria

Any authorized persons who take exception to any statement in this report shall notify the Preparer, in writing, within three (3) days from the date of receipt of this report, stating in detail the correction or omission. Otherwise this report shall be considered correct and final.

Prepared by:

Betsy Kane
Turner Construction
September 2, 2016

Attachments:

Distribution:

Name:

Attendees

Patty Zeleznick

Kerri Gonot

Representing:

West Jefferson Hills School District

West Jefferson Hills School District - School Board

Email:

pzeleznick@wjhsd.net

gonot@yahoo.com

Thomas Jefferson High School

West Jefferson Hills School District
WTW Project No. 71-4012

WJHSD CC CONSTRUCTION MEETING 04

August 12, 2016

Jill Bertini	West Jefferson Hills School District - School Board	jill.18@verizon.net
Carolyn Bourgeois	West Jefferson Hills School District - School Board	bourgie@verizon.net
Dave Dominick	West Jefferson Hills School District - School Board	davedominick@gmail.com
Anna Louise Lilley	West Jefferson Hills School District - School Board	lilleyall@comcast.net
Chris Sefcheck	West Jefferson Hills School District	csefcheck@wjhsd.net
John Rambo	West Jefferson Hills School District (Foodservice)	jrambo@wjhsd.net
Aaron Donahue	Turner Construction Company	adonahue@tcco.com
Kurt Johnson	Turner Construction Company	kjohnson@tcco.com
Bob Goetz	Trans Associates (TA)	goetz@transassociates.com
Stefanie Bako	Tower Engineering (ESTC)	sbako@estower.com
Tom Gorski	Tower Engineering	tgorski@estower.com
Mike Miller	Barber & Hoffman, Inc. (B&H)	mmiller@barberhoffman.com
Jim Pospisil	Barber & Hoffman, Inc.	jpospisil@barberhoffman.com
David Brooks	Fahringer, McCarty, Grey, Inc. (FMG)	dbrooks@fmginc.us
Megan Sweringen	Fahringer, McCarty, Grey, Inc.	msweringen@fmginc.us
Ken Kistler	McFarland Kistler & Associates (MKA)	kkistler-mka@comcast.net
Ted Wallover	Wallover Architects, Inc. (WAI)	ewallover@walloverarchitects.com
Susan Wallover	Wallover Architects, Inc.	swallover@walloverarchitects.com
Lisa Whitmeyer	Wallover Architects, Inc.	lwhitmeyer@walloverarchitects.com
Javaid Alvi	Geo-Mechanics, Inc. (GMI)	jalvi@geo-mechanics.com
Pervaiz Alvi	Geo-Mechanics, Inc.	palvi@geo-mechanics.com
Greg Vizza	VizzAcoustics (VA)	greggvizza@vizzacoustics.com
David Nash	StoweNash Associates, LLC (SNA)	david@stowenash.com
Steve Parker	Grimm+Parker Architects (G+P)	sparker@gparch.com
Anthony Lucarelli	Grimm+Parker Architects	alucarelli@gparch.com
Kieran Wilmes	Grimm+Parker Architects	kwilmes@gparch.com
Laura Meador	Grimm+Parker Architects	lmeador@gparch.com
Billy Arias	Grimm+Parker Architects	barias@gparch.com
Rich DeYoung	WTW Architects	rdeyoung@wtwarch.com
Jeff Krill	WTW Architects	jkrill@wtwarch.com