

STATUS DATE: 6/10/2009

Item		Description	Action By / Date		Room #	Room Name	Status / Comments	Discipline	Date Resolved	Critical
No.	Date Added		Needed	User Group						
01)	3/16/09	Requirments for the Donor Niches and display areas. Part of LEED education?	4/15/09	UCD			4/3/09 Schemes presented to UCD for review and comment. Action TBD. 4/27/09 Areas scoped as needing power, AV, data, seat, adjustable lighting, light colored wood. Integration of LEED graphics TBD. Add 'niche' design outside of food freezer/cooler 2.			
03)	3/16/09	Flad needs to present alternates for final carpet and linoleum.	4/15/09	UCD			4/27/09 Samples tile reviewed accepted. Flad to forward manufacturers cleaning recommendations. 5/4/09 Cleaning instructions forwarded to UCD.	UCD		
06)	3/16/09	Select vendor for high density bottle storage - need to coordinate items embedded in slab, validate slab thickness, foundation support, etc.	4/1/09	Winery			3/30/09 Proceed with high density storage. UCD to confirm vendor.	UCD		Yes
09)	3/16/09	Select vendor and determine quantity of PVs. Impacts electrical room size for inverters.	4/1/09	UCD			5/1/09 Redtop to verify design provisions. Julie to provide direction. 5/7/09 Maximise PV over winery with residual placed over brewery /food roof. 5/15/09 Vendor selection and quantity pending. BNB confirmed design is based on satisfying 17% power requirement. 5/26/09 UCD workgroup meeting tomorrow to review. 6/2/09 No update. Team proceeding with current LEED requirements only.	UCD		Yes
10)	1/12/09	Monitoring of electrical circuits - what is the extent of the scope, only for measurement and verification LEED point or more detailed monitoring?	4/15/09	UCD / Winery			5/7/09 RedTop to provide assumed product information to satisfy stated program needs. LEED monitoring requirements beyond these items TBD. 5/15/09 Pending info from Redtop 5/26/09 Pending	RedTop		Yes
11)	3/16/09	Select vendor for catwalk - need to coordinate utilities hung on underside, any embedded items required for attachment to slab, etc.	4/1/09	Winery	108	Fermentation Hall	4/3/09 Users reviewing configuration to accommodate transfer panel. Resolution critical to determining utility routing. 4/27/09 Catwalk to include CIP transfer panel. UCD to verify details. 5/1/09 Julie to discuss with Users to define requirements to allow design proposal to be developed. 5/7/09, 5/15/09, 5/26/09 Pending	UCD		Yes
12)	3/16/09	Verify refrigerant in existing refrigerators. (Impact to LEED credit)	4/15/09	Food			4/3/09 UCD to verify.	UCD		

STATUS DATE: 6/10/2009

Item No.	Date Added	Description	Action By / Date		User Group	Room #	Room Name	Status / Comments	Discipline	Date Resolved	Critical
			Needed	Date							
15)	3/16/09	Define use of area north of wine class room	4/1/09		Winery				UCD		
17)	3/16/09	<b>SRI testing of existing exposed aggregate pavement:</b> needed to determine compliance w/ LEED 7.1. If existing pavement does not meet SRI values, standard gray concrete could be used. Alternatively, to preserve continuity between buildings, the same exposed aggregate paving could be used, if 4,230 sf of asphalt is replaced w/ gray concrete.	5/1/09		UCD	Site	Hardscape	In progress - Samples are to be delivered to BNB week of 3/30. 4/27/09 Samples with BNB for testing. 5/26/09 Samples do not meet SRI requirements. Assume change of asphalt to concrete to achieve LEED point and review alternate of colored asphalt. BN to confirm cost impact.	BNB		
19)	3/16/09	<b>Irrigation Controller:</b> We have determined that the existing RMI irrigation controller can be used, though it will not be expandable in the future. We have heard from the irrigation controller vendor second-hand, and would like the University to verify, that 40 of 42 stations are currently in use (as this conflicts with the as-built plans).	5/1/09		UCD	Site	Irrigation	4/1/09 UCD requested dedicated controller. 5/1/09 UCD to confirm cost impact is acceptable prior to inclusion in scope 5/7/09 Pricing submitted under item 92 in scope adjustment log (\$12k) - item pending 5/15/09 Pending 5/26/09 Not likely to approve but continue to monitor. 6/10/09 Additional controller added to scope per UCD		6/2/09	
20)	3/16/09	<b>Southern Windbreak:</b> Current DD plans show Poplars, though Pistache has been requested as an alternative. Use of Pistache will require more aggressive pruning to maintain fire access, and will result in a loss of about 1,400sf of shade (best estimate based on comparative size), which would impact LEED 7.1, requiring an equivalent area be concrete to reduce asphalt coverage and resultant cost impact.	5/1/09		UCD	Site		Resolved - UCD Confirmed that alternate tree was acceptable. 4/27/09 Acer tree rejected by UCD Grounds. Alternate specie to be selected. 5/1/09 Item still open pendnig UCD direction. 6/10/09 Elm was selected in coordination with Christina (grounds assistant Landscape Architect), that meets requirements for LEED 7.1. Does Skip still have concerns?	UCD		
22)	3/16/09	<b>NW gathering area:</b> some potential impacts to BWF plans based on future design. Future irrigation for any additional planting may required an additional controller or modification of the RMI irrigation (see #19).	5/1/09		UCD	Site	NW	6/10/09 Planning ahead for future irrigation needs in this area, additional controller added to scope. See #19,		6/2/09	
25)	3/16/09	Window blind / shade scope to be verified per discussions in User meetings where concerns have been voiced about safety of students after dark.	4/15/09		UCD			5/1/09 Julie to discuss requirements for blinds in MPL, GFL and Food Lab.	UCD		

STATUS DATE: 6/10/2009

Item		Description	Action By / Date		Room #	Room Name	Status / Comments	Discipline	Date Resolved	Critical
No.	Date Added		Needed	User Group						
27)	1/12/09	Verify CIP skid configuration and access height requirements for doors.	4/15/09	Winery	112	Winery CIP	5/26/09 Door opening to be 10' high x 8' wide (per Sieberling email 1/27/09). Skid configuration TBD. 6/10/09 CIP skid requires water, chemicals, and steam. Conceptual plan issued to team 6/3 from Sieberling.		6/10/09	
28)	1/12/09	Verify berm requirements in winery CIP room	4/15/09	Winery	112	Winery CIP	4/27/09 Any underslab utility supplies required? 5/1/09 Julie to discuss with users 5/7/09 Pending 5/15/09 4" stub drain required per email from Sieberling to Chik 1/27/09. UCD to verify if drain is gravity to sewer or pressure to equal't tank as well as berm requirements. 5/26/09 Flad to contact Sieberling direct to verify all CIP questions. 6/10/09 The hub drain in the CIP room will be a typical drain. The discharge to the EQ tanks will be pumped.	Flad	6/10/09	
30)	1/12/09	Verify specific requirements for janitors closet. Campus standard appears to relate to large projects.	5/1/09	UCD	131	Janitor	4/1/09 Per meeting with EH+S provide H+CW. Cleaning chemical storage. Others?	UCD		
31)	1/12/09	Verify data rack layout / requirements	4/1/09	UCD	135	Tel / Data	4/27/09 Room location changed based on 295' cable length restriction. Review ability for utilities to pass overhead. 5/1/09 Julie to pass design alternate sketch to communication group for review. 5/7/09 Pending 5/15/09 Redtop to provide draft layout of racks for UCD review. 5/26/09 Information in 50% CD set for review.	UCD		Yes
39)	3/16/09	Confirm locations and design requirements for building name signage - (not campus standard signage)	5/1/09	UCD	Exterior			UCD		
41)	3/16/09	Design requirements for tank wash area in winery. Utilities, hoist, splash protection, dedicated drain?	4/15/09	Winery	108	Fermentation Hall	5/1/09 Can we sheet flow to trench drain or do we need a dedicated drain at the wash area. 5/7/09, 5/26/09 Pending	UCD		Yes
46)	3/16/09	Are there any requirements for ordering extra / spare materials for maintenance purposes. We'd include in spec if so.	4/15/09	UCD				UCD		
48)	3/16/09	Please provide guidance on card reader / LV power requirements to doors.	4/15/09	UCD			4/3/09 RedTop locations per 100DD ok. UCD to forward spec requirements on Millennium product.	UCD		

STATUS DATE: 6/10/2009

Item		Description	Action By / Date		Room #	Room Name	Status / Comments	Discipline	Date Resolved	Critical
No.	Date Added		Needed	User Group						
49)	3/16/09	Determine if a single water filtration system is best for all three departments.	3/30/09	UCD	All	Mechanical Room	Three systems currently, probably makes more sense to have one system. 4/27/09 Water meeting was held on campus. Direction? 5/1/09 UCD to follow up with EH+S on chlorine free water. Once confirmed Booth to submit proposal for water types. 5/7/09 Pending 5/20/09 Booth issued water type matrix by location for UCD review and comment. 5/26/09 Info with UCD for review.	UCD		Yes
52)	3/16/09	Determine quality, volume and pressure required for air compressor that is required.	June	All		Mechanical Room	FM Booth is putting together a spreadsheet that will cover all three departments. 5/21/09 Booth issued info for UCD review.	UCD		
53)	3/16/09	Determine most efficient AHU requirements from energy modeling (heat recovery, direct evaporative cooler, indirect evaporative cooler, utilize fluid cooler), etc.	June	UCD	n/a		Meeting setup with the modeler.	Booth		
57)	3/16/09	Brewery: Determine exhaust ventilation rate in CIP room.	June	Brewery	127	Brewery		Booth		
58)	3/16/09	Milk Processing: RFP states 100% outside air for unit. However, given that a HEPA filter is provided with 99.97% efficiency (clean room), UCD to confirm that air can be recirculated to be more energy efficient.	3/30/09	Milk	119	Milk Processing	5/6/09 Per email from John Krotcha HEPA filtration required. 5/7/09 Confirmed direction. Close item. 5/15/09 Need confirmation on 50 or 100% outside air 5/20/09 Item with John Krochta for review and direction 5/26/09 Per email from John, 50% out side acceptable.		5/26/09	
63)	3/16/09	Determine winery and brewery CIP ventilation requirements.	4/3/09	Winery				Booth		
67)	3/27/09	Is surface protection required for the concrete around the CIP equalization tanks.		Winery	112	Winery CIP	5/1/09 Julie to review status with users 5/7/09 Pending 5/26/09 Flad to contact Sieberling - email sent. 6/10/09 Siberling does not require protection. UCD to verify if they do.	UCD		
69)	3/27/09	Is potable water required near the CO2 unit or the equalization tanks, and, at what flow rate.		Winery			5/1/09 With UCD for review 5/7/09, 5/26/09 Pending (Need CO2 skid requirements) 6/10/09 No potable water at equalization tanks per Siberling. UCD to verify at CO2.	UCD		Yes

STATUS DATE: 6/10/2009

Action By / Date										
Item No.	Date Added	Description	Needed	User Group	Room #	Room Name	Status / Comments	Discipline	Date Resolved	Critical
70)	3/27/09	Does the existing top soil need to be removed or can our project use it.		UCD / Geotech			6/10/09 Existing rock to be removed. BNB to perform soil fertility analysis by the landscape contractor after rough grading.	BNB		
71)	3/27/09	Please confirm that UCD will contract directly with the geotechnical engineer to review construction drawings and specifications for consistency with the geotechnical report.		UCD / Geotech				UCD		
72)	3/27/09	Please confirm that UCD will provide soils engineer during construction for observation of site preparation and soil testing.		UCD / Geotech				UCD		
76)	4/9/09	Landscape to add trash and recycling concrete bins		Landscape			6/10/09 HLA to locate on plans	HLA		
77)	4/9/09	Fume hood efficiency features. Verify interface with VAV and control features, utilities and acid waste.		Booth			5/1/09 Flad to issue hood scoping document. 5/7/09 Flad/UCD to set up conf call with users to discuss. 5/26/09 Dates submitted to UCD for coordination w/ users. 6/10/09 Conf call held 6/4/09. Notes + actions circulated.		6/10/09	
79)	4/30/09	Does the CO2 skid discharge waste by gravity or under pressure		UCD		Exterior	5/1/09 Julie to check with users 5/7/09, 5/26/09 Pending	UCD		Yes
80)	4/30/09	What are the house keeping pad requirements for the equalization tanks and CO2 skids		UCD		Exterior	5/1/09 Julie to check with users 5/7/09 Pending 5/20/09 Civil pending input from structural	KPW		
81)	4/30/09	Irrigation emitter type for shrubs – design team recommends sub-surface drip, Skip had concerns. This issue was detailed in our response to comments.		UCD /Grounds		Exterior	5/1/09 Julie to check with Grounds 5/7/09, 5/15/09 Pending 5/26/09 Julie supportive of underground system but final solution needs to be approved by Grounds. HLA to develop alternate plant palette for review at next user meeting in early June.	HLA		Yes
82)	4/30/09	Add Irrigation for native grass – this is a substantial add, and will break our water budget, adding an additional tank (back to 5!) But – we do see value in this comment from a long-term maintenance perspective.		UCD /Grounds		Exterior	5/1/09 Julie to check with Grounds 5/7/09 Pending 5/15/09 Design team will continue to show DD scheme until instructed to modify design 5/26/09 Refer to comments for item 81 relative to plant palette selection.	UCD		Yes

STATUS DATE: 6/10/2009

Action By /										
Item		Description	Date		Action By /		Room #	Room Name	Status / Comments	Discipline
No.	Date Added		Needed	User Group	Room #	Room Name				Date Resolved
83)	4/30/09	Julie requested 3,000 sf of native grass area be changed to shrubs on the E. side – this can be accommodated but eliminates the 5% buffer we still had in the last water budget, unless the tanks are upsized.		UCD /Grounds		Exterior		5/1/09 Julie to check with Grounds 5/7/09 Pending	UCD	Yes
86)	4/30/09	Further direction on controls plan – campus providing or Booth		UCD				5/7/09 UCD prefers use of Siemens Apogee system. This is to be program by design team not campus controls	Booth	
87)	4/30/09	From Julie's comment 46 – addendum 1 stubouts to future vineyards equipment storage facility. University to clarify what stubouts they need and what size. Potential cost impact depending on the answer.		UCD				5/1/09 Julie to check with campus 5/7/09 Pending 5/26/09 Pending UCD review of 50% CD set.	UCD	Yes
90)	5/7/09	Can UCD provide guidelines of building / room numbering strategy as outlined in comments.		UCD		All			UCD	
91)	5/7/09	For consistency can UCD provide samples of room signage drawings from RMI.		UCD		All			UCD	
92)	5/13/09	The T&R geotech report does not specifically address concrete pavement for H-25 loading (for required fire access near of the main entrance). Can this please be provided.		UCD				5/15/09 C+D'A assuming a 13" section in 50% CD docs. 5/26/09 UCD to verify with Treadwell + Rollo	UCD	Yes
93)	5/13/09	Please provide written direction to document UCD's requirements for the interior flushing system. There are concerns over the ambiguous state of regulations surrounding the interior use of non-potable water		UCD				5/21/2009 Critical for mech progress. 5/26/09 Pending EH+S input.	UCD	Yes
94)	5/13/09	User request to add dishwashers in Food Science Lab, Brewery and MPL (incl DI water for final rinse)		UCD				5/20/09 Per email from Julie add dish washer to brewery hall as well 5/26/09 Provide space on plan and plumbing connection only. UCD to provide fixture. 6/10/09 UCD to verify spec of unit.	UCD	Yes
95)	5/13/09	Chemical List / HMIS inventory authorization		UCD				5/7/09 UCD to process change order to authorize IES to start chemical analysis. 5/26/09 Design team approved to proceed with scope of work to develop HMIS.		5/26/09

STATUS DATE: 6/10/2009

Item		Description	Action By / Date		Room #	Room Name	Status / Comments	Discipline	Date Resolved	Critical
No.	Date Added		Needed	User Group						
96)	5/26/09	Action items requested by UCD: 1. Area tabulation for 50% CD set 2. Light fixture cut sheets 3. Energy forms (documentation and energy model status update) 4. Structural calcs 5. Cold room documents for review 6. Change Log 7. DSA + Commissioning meeting notes 8. Wall mock definition		BNB			1. Sent 5/28/09 - Closed 2. Sent 5/27/09 - Closed 3. Meeting w/ KEMA + Interface held on 5/27/09 - Closed 4. Sent 5/27/09 - Closed 5. Estes to provide ASAP - BNB to advise on date. 6. Meeting held on 6/1/09 - Closed 7. BNB to circulate - Commissioning pending 8. Wall mock - BNB actioned and underway.	BNB		
97)	6/10/09	Verify spec of projector in clsrooms		UCD				UCD		

## LEED QUESTIONS / INFORMATION NEEDED

Item		Description	Action By / Date					Discipline	Critical
No.	Date Added		Needed	User Group	Room #	Room Name	Status / Comments		
L1	5/13/09	Does UCD have a Green Seal only cleaning products policy		UCD				UCD	