DRAWING LIST - Updated 2/13/2014

with prope and proper on a tead drawings f submission	er layo r use o m base rom o on mu	ut & scale before mo f scale and level of a es each individual st thers will disqualify l st be both in printed te final submission.	oving on to anoth letail is critical. A udent is required both students fro form and as a PL	on and not quantity. Complete 1 sheet well - wer sheet. As with the scavenger hunt - layout Although much of the research was completed to complete their own work and copying of m receiving any credit for that drawing. Final DF uploaded to blackboard. There will be no sheets in advance of the final deadline. The st be bound.	Preliminary Submission as Required	Set 1- Grids, Levels, Massing	Set 2- Foundations	Set 3-Cores	Set 4- Structure	Set 5- Gym Walls	Set 6- Exterior Elevations	Set 7- Roofs	Set 8- Typ. Lab Floors	Set 9- Level 1 and Mezz	Set 10- RCP	FINAL SET
Req/Opt	#	Sheet No	Scale	Sheet Name		S										
		Cover / Zoning / St	tudies		1							1				
Required	1	C-101	REVIT	*COVERSHEET With Perspective or 3d Images	•	•										•
Required	2	C-102	AUTOCAD/REVI	DRAWING LIST, ABBREVIATIONS, GRAPHIC SYMBOLS, MATERIALS LEGEND	•	•										•
Required	4	ADA-101	AUTOCAD	ADA DIAGRAMS AND CODE EXCERPTS	•											•
Required	5	ADA-102	AUTOCAD	ADA DIAGRAMS AND CODE EXCERPTS	•											
Required	5	Z-101	AUTOCAD	SITE PLAN/ ZONING ANALYSIS ZONING TEXT	•											•
Required	6	Z-102	AUTOCAD	SITE PLAN/ ZONING ANALYSIS ZONING TEXT	•											•
Required	7	SK-101	AUTOCAD	STAIR, CORE, LOADING DOCK & ENTRY STUDIES	•											•
Required	*	SEE BELOW	AUTOCAD	PARTITIONS ARE MOVED TO A-400	•											•

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For all drawings pay attention to quality of information and not quantity. Complete 1 sheet well—with proper layout & scale before moving on to another sheet. As with the scavenger hunt—layout and proper use of scale and level of detail is critical. Although much of the research was completed on a team bases each individual student is required to complete their own work and copying of drawings from others will disqualify both students from receiving any credit for that drawing. Final submission must be both in printed form and as a PDF uploaded to blackboard. There will be no extension for the final submission. Consider printing sheets in advance of the final deadline. The final printed set must be bound.

Scale

Sheet Name

Grids, Levels, Massing **Exterior Elevations** 9- Level 1 and Mezz 8- Typ. Lab Floors Set 2- Foundations **Gym Walls** Set 4- Structure 3-Cores Set 7- Roofs Set 5-Set Set 6-Set Set 1-Set

Set 10- RCP

SET

FINAL

100 !FLOOR PLANS

Sheet No

#

Req/Opt

Drawing should be laid out in a consistent fashion on each sheet. Drawings should include exterior dimension strings that include, overall, column grids and window opening dimensions. For the Lab building there should be two additional dimension strings shown across the floor plans one in each direction (north-south & east-west). Pay attention to the level of detail you show at different scales and set the view range settings carefully.

Required	8	A-100	1/16" = 1'-0"	BASEMENT LEVEL - COMPOSITE	•							•
Required	9	A-100.A	1/8" =1'-0"	BASEMENT - ATRIUM	•							•
Required	10	A-100.G	1/8" =1'-0"	BASEMENT - GYM	•							•
Required	11	A-100.L	1/8" =1'-0"	BASEMENT - LAB	•							•
Required	12	A-101	1/16" = 1'-0"	1ST FLOOR - COMPOSITE	•	•		•			•	•
Required	13	A-101.A	1/8" =1'-0"	1ST FLOOR - ATRIUM	•	•					•	•
Required	14	A-101.G	1/8" =1'-0"	1ST FLOOR - GYM	•	•					•	•
Required	15	A-101.L	1/8" =1'-0"	1ST FLOOR - LAB	•	•					•	•
Required	16	A-102	1/16" = 1'-0"	2ND FLOOR / MEZZANINE - COMPOSITE	•	•		•		•		•
Optional	*	A-102.A	1/8" =1'-0"	2ND FLOOR - ATRIUM								
Optional	*	A-102.G	1/8" =1'-0"	2ND FLOOR - GYM								
Optional	*	A-102.L	1/8" =1'-0"	2ND FLOOR - LAB								
Required	17	A-103	1/8" =1'-0"	3RD FLOOR LAB - (DOOR SCHEDULE)		•				•		•
Required	18	A-104	1/8" =1'-0"	4th FLOOR LAB - (DOOR SCHEDULE)		•				•		•
Required	19	A-105	1/8" =1'-0"	5th FLOOR LAB - (DOOR SCHEDULE)		•				•		•
Required	20	A-106	1/8" =1'-0"	6th FLOOR LAB - (DOOR SCHEDULE)		•				•		•
Optional	18	A-107	1/8" =1'-0"	7th FLOOR LAB - (DOOR SCHEDULE)		•				•		•
Required	19	A-108	1/16" = 1'-0"	ROOF PLAN - COMPOSITE					•			•
Optional	20	A-108.A	1/8" =1'-0"	ROOF PLAN - ATRIUM					•			•
Optional	21	A-108.G	1/8" =1'-0"	ROOF PLAN - GYM					•			•
Optional	22	A-108.L	1/8" =1'-0"	ROOF PLAN - LAB					•			•
Required	23	A-110 (110.1,110.2)	1/8" =1'-0"	ALL DOOR SCHEDULES IF NOT ON OTHER SHEETS					•			•

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Scale

Sheet Name

Preliminary Submission as Required	Set 1- Grids, Levels, Massing	Set 2- Foundations	Set 3-Cores	Set 4- Structure	Set 5- Gym Walls	Set 6- Exterior Elevations	Set 7- Roofs	Set 8- Typ. Lab Floors	Set 9- Level 1 and Mezz	Set 10- RCP	EINA! SET
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200!RCP PLANS

Sheet No

Req/Opt

Only 1 reflected ceiling plan for each level is required. Focus on the lower levels (1-2) and the typical lab floor (3). For Lab levels 4-7 show only those portions that are unique to that level. Your ceiling plans should include a combination of hung ceiling and gypsum board - lighting should be included.

Required	*	A-200	1/16" = 1'-0"	BASEMENT LEVEL - COMPOSITE							
Optional	*	A-200.A	1/8" =1'-0"	BASEMENT - ATRIUM							
Optional	*	A-200.G	1/8" =1'-0"	BASEMENT - GYM							
Optional	*	A-200.L	1/8" =1'-0"	BASEMENT - LAB							
Required	24	A-201	1/16" = 1'-0"	1ST FLOOR - COMPOSITE						•	•
Optional	25	A-201.A	1/8" =1'-0"	1ST FLOOR - ATRIUM						•	•
Optional	26	A-201.G	1/8" =1'-0"	1ST FLOOR - GYM						•	•
Optional	27	A-201.L	1/8" =1'-0"	1ST FLOOR - LAB						•	•
Required	28	A-202	1/16" = 1'-0"	2ND FLOOR / MEZZANINE - COMPOSITE						•	•
Optional	*	A-202.A	1/8" =1'-0"	2ND FLOOR - ATRIUM							
Optional	*	A-202.G	1/8" =1'-0"	2ND FLOOR - GYM							
Optional	*	A-202.L	1/8" =1'-0"	2ND FLOOR - LAB							
Required	29	A-203	1/8" =1'-0"	3RD FLOOR - LAB (TYPICAL)						•	•
Partial	30	A-204	1/8" =1'-0"	4th FLOOR - LAB						•	•
Partial	31	A-205	1/8" =1'-0"	5th FLOOR - LAB						•	•
Partial	32	A-206	1/8" =1'-0"	6th FLOOR - LAB				·		•	•
Partial	33	A-207	1/8" =1'-0"	7th FLOOR - LAB						•	•

DRAWING LIST - Updated 2/13/2014

Grids, Levels, Massing For all drawings pay attention to quality of information and not quantity. Complete 1 sheet well -**Exterior Elevations** Mezz with proper layout & scale before moving on to another sheet. As with the scavenger hunt - layout and proper use of scale and level of detail is critical. Although much of the research was completed on a team bases each individual student is required to complete their own work and copying of drawings from others will disqualify both students from receiving any credit for that drawing. Final 8- Typ. Lab Floors 2- Foundations **Gym Walls** 4- Structure Roofs 3-Cores 9- Level 1 and Set 10- RCP FINAL Preliminary submission must be both in printed form and as a PDF uploaded to blackboard. There will be no Set . Set 5 Set, extension for the final submission. Consider printing sheets in advance of the final deadline. The Set 6final printed set must be bound. Set ₽ Set Set Req/Opt # Sheet No Sheet Name Scale

300 BUILDING SECTIONS AND EXTERIOR ELEVATIONS

Building sections are overall (showing all buildings) and should cut through each of the three buildings in both directions. Recommended is on across the GYM, one across the GYM and the Atrium, one across the Atrium and the Lab Building, and one across the Lab in the other direction. Keep the building sections all at the same scale (1/16"). The exterior elevations should exist at two scales 1/16" & 1/8". The 1/16" elevations should show the overall building and the 1/8" elevations would focus on the elevation of each building. You can also consider an elevation/section showing a views from inside the Atrium showing the GYM and the LAB facades.

Required	34	A-300	1/16" = 1'-0"	BUILDING SECTIONS	•		•	•				•
Required	35	A-301	1/16" = 1'-0"	BUILDING SECTIONS	•		•	•				•
Required	36	A-302 (302.1 &.2)	1/16" = 1'-0"	EXTERIOR ELEVATIONS - NORTH & SOUTH	•				•			•
Required	37	A-303	1/16" = 1'-0"	EXTERIOR ELEVATIONS - EAST & WEST	•				•			•
Required	38	A-304 (304.1 &.2)	1/8" =1'-0"	EXTERIOR ELEVATIONS - GYM	•				•			•
Required	39	A-305 (306.1 &.2)	1/8" =1'-0"	EXTERIOR ELEVATIONS - ATRIUM	•				•			•
Required	40	A-306 (306.1 &.2)	1/8" =1'-0"	EXTERIOR ELEVATIONS - LAB	•				•		_	•
Optional	*	A-307, 308	1/8" =1'-0"	EXTERIOR ELEVATIONS - ADDITIONAL AS REQUIRED								

400 ! PLAN DETAILS

Plan details as well as Wall Sections & Details (similar to the scavenger hunt exercises) should be the primary focus of the work that differentiates your specific efforts - The plan detail drawings will be linked and referenced from the floor plans in the A-100 series. The Wall Sections and Details will be referenced from both the plans (A-100 Series) and the building elevations (A-300 Series). Remember to focus on organization of drawings on each sheet and what you are trying to explain. Pay attention to the approriate scale and level of detail.

Required	41	A-400	3"= 1'-0"	PARTITION TYPES						•
Required	42	A-401.1 401.2	3"= 1'-0"	PLAN DETAILS - GYM	•				•	•
Required	43	A-402.1 402.2	3"= 1'-0"	PLAN DETAILS - ATRIUM					•	•
Required	44	A-403.1 403.2	3"= 1'-0"	PLAN DETAILS - TYPICAL LAB				•		•
Optional	*	A-404	3"= 1'-0"	PLAN DETAILS - ADDITIONAL						

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500 ! WALL SECTIONS & DETAILS

Plan details as well as Wall Sections & Details (similar to the scavenger hunt exercises) should be the primary focus of the work that differentiates your specific efforts - The plan detail drawings will be linked and referenced from the floor plans in the A-100 series. The Wall Sections and Details will be referenced from both the plans (A-100 Series) and the building elevations (A-300 Series). Remember to focus on organization of drawings on each sheet and what you are trying to explain. Pay attention to the approriate scale and level of detail.

Required	45	A-500	3/4" = 1'-0"	WALL SECTIONS - GYM	•		•		•		•
Required	46	A-501.1 501.2	1 1/2" = 1'-0"	WALL SECTION DETAILS- GYM	•		•		•		•
Required	47	A-502	3/4" = 1'-0"	WALL SECTIONS - ATRIUM				•			•
Required	48	A-503.1 503.2	1 1/2" = 1'-0"	WALL SECTION DETAILS- ATRIUM				•			•
Required	49	A-504	3/4" = 1'-0"	WALL SECTIONS - LAB				•			•
Required	50	A-505.1, 505.2	1 1/2" = 1'-0"	WALL SECTION DETAILS- LAB				•			•
Optional	*	A-506	3/4" = 1'-0"	WALL SECTIONS - GYM - ATRIUM INTERSECTION							
Optional	*		1 1/2" = 1'-0"								
Optional	*	A-507	3/4" = 1'-0"	WALL SECTIONS - ATRIUM-LAB INTERSECTION							
Optional	*		2 1/2" = 1'-0"								

600 ! PARTIAL PLANS & INTERIOR ELEVATIONS

All enlarged plans and interior elevations are optional. If you choose to complete any of these sheets consider completing a plan and its related interior elevations. It is better to complete 1 good sheet than several of lesser quality.

Required 51	A-600	1/4" = 1'-0"	CORE PLANS (Elevators, Toilets)		•				•
Required 52	A-601	1/4" = 1'-0"	CORE PLANS (Elevators, Toilets)		•				•
Required 53	A-602	1/4" = 1'-0"	STAIR PLANS & SECTIONS (MINIMUM 1 STAIR)		•				•
Optional *	A-603	1/4" = 1'-0"	STAIR PLANS & SECTIONS						
Required 54	A-604	1 1/2" = 1'-0"	STAIR DETAILS		•				•
Required 55	A-605	1/4" = 1'-0"	PARTIAL PLANS & ELEVATIONS- BATHROOMS		•				•

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Req	/Opt	#	Sheet No	Scale	Sheet Name			Ŋ										
Requ	iired	55	A-606 - 6XX	1/4" = 1'-0"		INTERIOR ELEVATIONS- LA INCLUDE EACH UNIQUE SI				•								•

S-10(STRUCTURAL

Structural drawings do not need to show much detail. Their purpose is to key the types of beams. In addition to completeness these will be evaluated to see if they correct beam types are used in the correct locations - based on span and location (interior or exterior). Also be certain to apply the proper structural view templates.

Required	56	S-100 1	L/16" = 1'-0"	FOUNDATION PLAN-COMPOSITE	•					•
Optional	*	S-100.A	1/8" =1'-0"	BASEMENT - ATRIUM						
Optional	*	S-100.G	1/8" =1'-0"	BASEMENT - GYM						
Optional	*	S-100.L	1/8" =1'-0"	BASEMENT - LAB						
Required	57	S-101 1	L/16" = 1'-0"	1ST FLOOR - COMPOSITE	•					•
Optional	*	S-101.A	1/8" =1'-0"	1ST FLOOR - ATRIUM						
Optional	*	S-101.G	1/8" =1'-0"	1ST FLOOR - GYM						
Optional	*	S-101.L	1/8" =1'-0"	1ST FLOOR - LAB						
Required	58	S-102	L/16" = 1'-0"	2ND FLOOR / MEZZANINE - COMPOSITE		•				•
Optional	*	S-102.A	1/8" =1'-0"	2ND FLOOR -ATRIUM						
Optional	*	S-102.G	1/8" =1'-0"	2ND FLOOR - GYM						
Required	59	S-103	1/8" =1'-0"	TYPICAL LAB FLOOR- TYPE A	•					•
Optional	*	S-104	1/8" =1'-0"	TYPICAL LAB FLOOR- TYPE B						
Optional	*	S-105	L/16" = 1'-0"	ROOF PLAN - COMPOSITE						
Optional	*	S-105.A	1/8" =1'-0"	ROOF PLAN - ATRIUM						
Optional	*	S-105.G	1/8" =1'-0"	ROOF PLAN - GYM						
Optional	*	S-105.L	1/8" =1'-0"	ROOF PLAN - LAB						
Required	60	S-110 (111,112)	1/4" = 1'-0"	TRUSS SECTIONS AS NEEDED		•				•
		0.0000000								

END OF LISTING