



William Rainey Harper College Master Plan

Master Plan October 20, 2009



EHRENKRANTZ ECKSTUT & KUHN ARCHITECTS / GRAYWOOD DESIGN in association with NELSON BYRD WOLTZ



Our Team

- Design and Consensus Building Process
- Initial Impressions
- Schedule
- Q & A

Organization Chart







- Establish Programmatic Needs
- Enhance the First Impression
- Make more **Connections** which bring people together
- Retool and Re-purpose Existing Buildings for the future
- Develop methods for achieving Sustainability for buildings, grounds and infrastructure

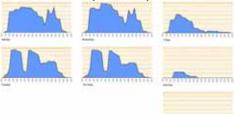
Establishing Programmatic Needs: Long Range Plan

BK

Historical and Projected FTEs

16,000	-	-	16,277
12,000	14,151		
Historic	al and Pr	ojected F	TEs
16,000			T.P.C.C. THE
14,000	-		16,277
12,000	14,151		
10,000	-	-	
8.000	<u> </u>	-	
6,000			
4,000	-		
2,000		-	
0			

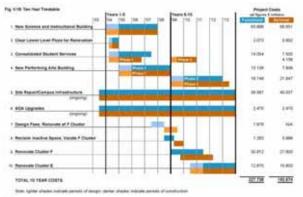
Classroom Use by Weekday



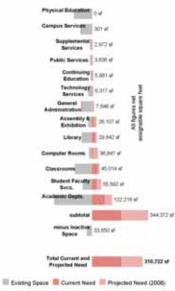
Space Assessment

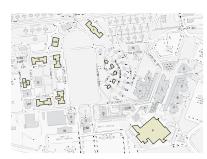
		F wit 2005				F will 2008		
Convert Burnners	Space Existing	Space Need	Current Suspice/ (Defice)	Space Need	Projected Surplus/ (Deficit)	Deckell Temporary Buildings	Space Newl	Net Burplus
1 Classiciona	105,838 M	1.40,421 of	104.64514	146.674 м	141.425.14	4,176 at	150.890 af	(05.3) ()()
2 Cumpular Rms	20.111 af	25.318 ef	10.0000	34.854 v*	138.84734	0.47	56.956 af	10.04134
3 Academic Depts	252,848.47	315,419.67	177.77	351.011 M	1118.0821af	2.264 at	354.885 w	1122.21814
Substat tratructional	216,336 ef	478,158 pt	1111202301	555.543 yf	1.00.047107	7,130 M	362,873 ef	1394.377yet
Bullent FTEx	14.1017784	IA 101 FTEN		16311 7164				
Tari Assignative per FTE	21.4	34.00		34.9				
4 Public Service	12.860 af	16.005 af	(1-Alling)	14,214 af	13.00004	0.01	18,216 al	0.6764
S' L8miry	84,724 of	84,214 st	119.44/04	84,616 af	(28-842)#	.8.4	84.01E ef	128.84374
8. Health Phys Ed	641,718.60	111.714.07	1.0	111,714 10		0.47	111.714-58	0.0
7 Centinung Education	8.462 at	14,559 af	10.054.40	15.348 sf	10.001101	8.0	15.346 af	25.88104
8 Diggiorental Devices	10.411 af	8.004 wf	809 M	11.400 af	(1.677347	N 008.1	13.345 ef	12 07 210
5 Asserticity & Ephdemon	25.047 w	00.01H wf.	(10.941)	38.014 m	(10.647)#	17,140 41	12.774 af	(pt. Partset
10. Dutent/Faculty Services	58,258 M	65.T1# of	107.400.00	103.149 #	144.01014	10.862 af	113.881 M	100.50004
H Gent Altransfelori	82,211 47	56,000 of	5.321 W	61,818.07	332 #	7.979 ef	69.897 ef	CT MARKET
12 Technology Services	28.237 M	27,087 of	12.211 M	28.047 at	8.632 af	1.007 af	21,554 W	00.5173eF
13 Campus Benetices	88,848 sf	98.900 eF	1206.47	05.051 W	12.14894	297 ef	88,950 af	1201104
Inactive Space	33,655 ef	2.4	10.153 M	64	8.97	3 ef.	0.01	1 et
Substate New Instructional	492.138 M	508.002 af	131.04214	243,420 pt	real Station	38,899 vf	588,384 st	1105.24944
Total	845,731 ef	BH, MIT of	(141,428)+	1,104,838 of	(IND.)Hilled	47,818 af	1,151,207 of	(211, 122)-4
Dudent FTEx	14.101PTEA	18,101 FTER		10,217 FTEA			16,277 8154	
Net Assignates per FTE	58 H	10 4		66 s ²			71 af	
DUNY Targets		961,701 eF		1.054.409 af			1,208,409 af	
Distant FTEE		14,1017103		16.277 FTER			18,277 #768	
Ital Assignable per F1210		88.47		44.41			its at	

Ten-Year Timetable

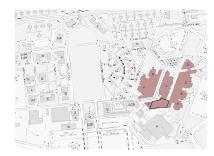


Space Assessment





Candidates for Reprogramming



Candidates for Rehabilitation



Candidates for New construction

Nassau Community College Master Plan Garden City, New York

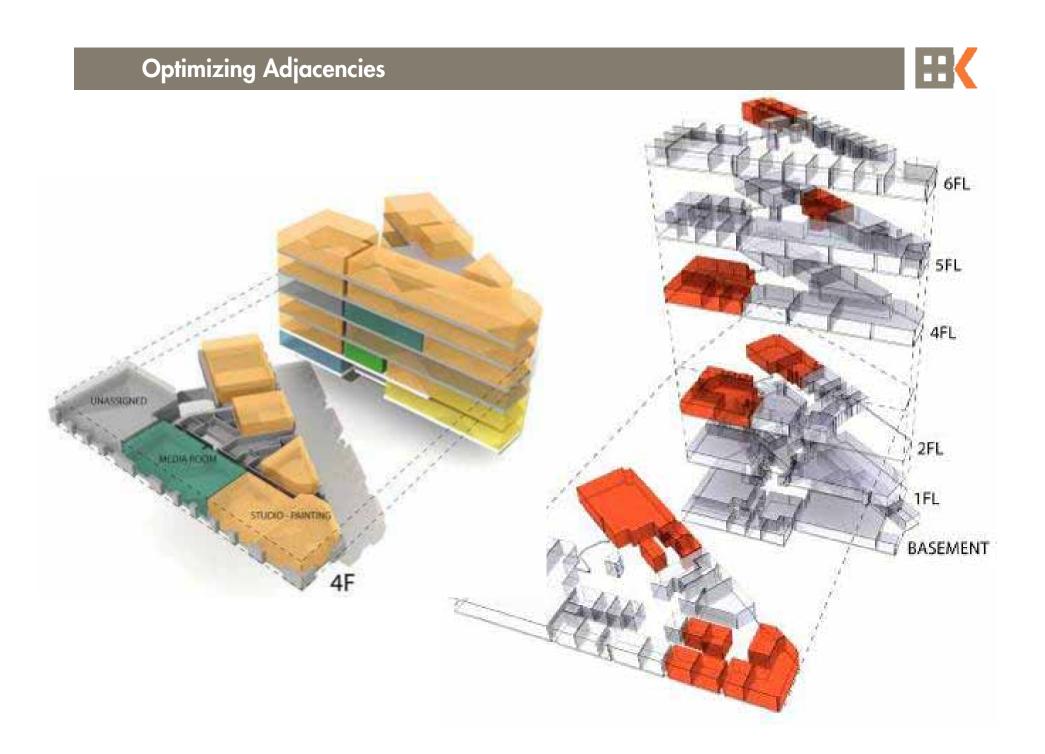
Projecting Space Needs



2 <u>1</u>	Existing Fall	Need Fall	Need Fall	Delta Exist &	Delta Need	
Departmental Profile	2006	2006	2016	Need 2006	2006-2016	Total Need
Administration Leadership and Technology	6,670 sf	7,425 sf	7,863 sf	755 sf	438 sf	1,193 sf
Applied Psychology	15,370 sf	16,813 sf	24,269 sf	1,443 sf	7,456 sf	8,899 sf
Art and Art Professions	34,830 sf	46,207 sf	50,767 sf	11,377 sf	4,560 sf	15,937 sf
Humanities and Social Sciences	4,488 sf	6,464 sf	6,776 sf	1,976 sf	312 sf	2,288 sf
Media, Culture & Communication	8,686 sf	8,944 sf	9,756 sf	258 sf	812 sf	1,070 sf
Music and Performing Arts Professions	52,096 sf	74,487 sf	78,102 sf	22,391 sf	3,615 sf	26,006 sf
Nutrition, Food Studies, and Public Health	6,713 sf	8,661 sf	12,055 sf	1,948 sf	3,394 sf	5,342 sf
Occupational Therapy	4,277 sf	7,544 sf	8,513 sf	3,267 sf	969 sf	4,236 sf
Physical Therapy	8,598 sf	9,950 sf	11,275 sf	1,352 sf	1,325 sf	2,677 sf
Speech-Language Pathology	6,109 sf	7,013 sf	7,469 sf	904 sf	456 sf	1,360 sf
Teaching and Learning	14,722 sf	19,578 sf	21,765 sf	4,856 sf	2,187 sf	7,043 sf
Total Departmental						
Assignable Square Feet	162,559 sf	213,086 sf	238,610 sf	50,527 sf	25,524 sf	76,051 sf

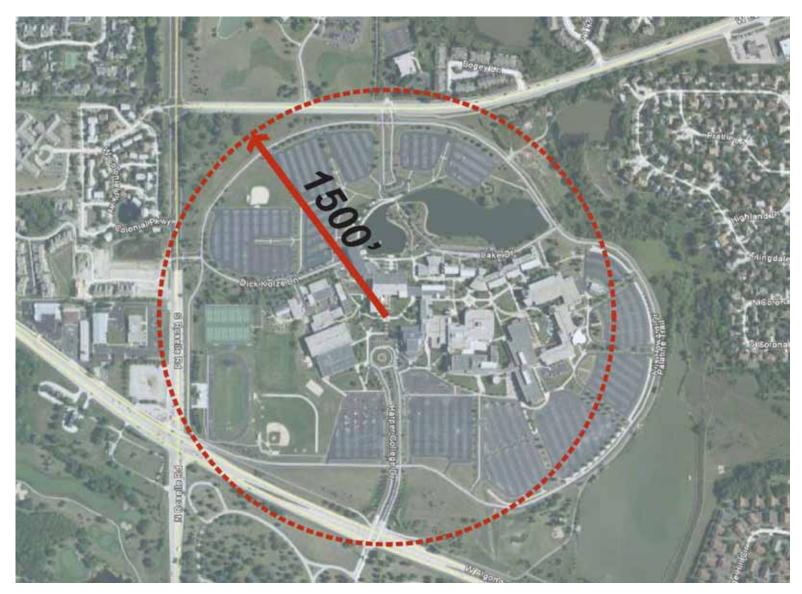
Non-Academic Departments

Departmental Assignable Square Feet	38,758 sf	44,617 sf	46,555 sf	5,859 sf	1,938 sf	7,797 sf
Total Non-Academic						
Student Services & Public Affairs	5,485 sf	5,781 sf	6,219 sf	296 sf	438 sf	734 sf
Steinhardt Administration	9,519 sf	10,175 sf	10,175 sf	656 sf	0 sf	656 sf
Ruth Horowitz Center	3,483 sf	3,483 sf	3,483 sf	0 sf	0 sf	0 sf
Opportunity Programs (HEOP & CSTEP)	6,120 sf	9,958 sf	11,239 sf	3,838 sf	1,281 sf	5,119 sf
Metro Center	10,576 sf	10,576 sf	10,576 sf	0 sf	0 sf	0 sf
Graduate Admissions	3,006 sf	3,644 sf	3,863 sf	638 sf	219 sf	857 sf
Central Services (Storage)	569 sf	1,000 sf	1,000 sf	431 sf	0 sf	431 sf



Enhancing First (& Lasting) Impressions





First Impressions: Architecture & Parking





First Impressions: Water as Opportunity





Combining Architecture & Landscape - George Mason University





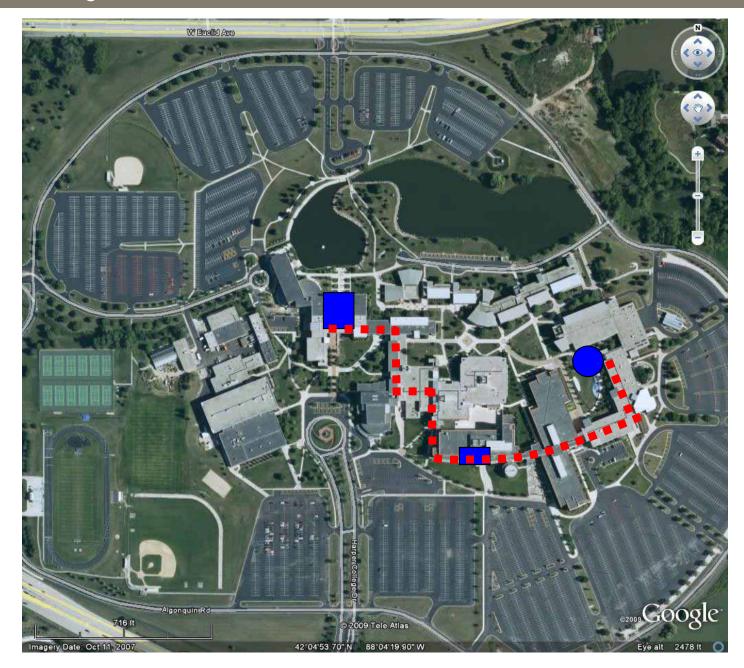
First Impression: A New Campus Entry – SUNY New Paltz





Making Connections





Harper Interior Connections





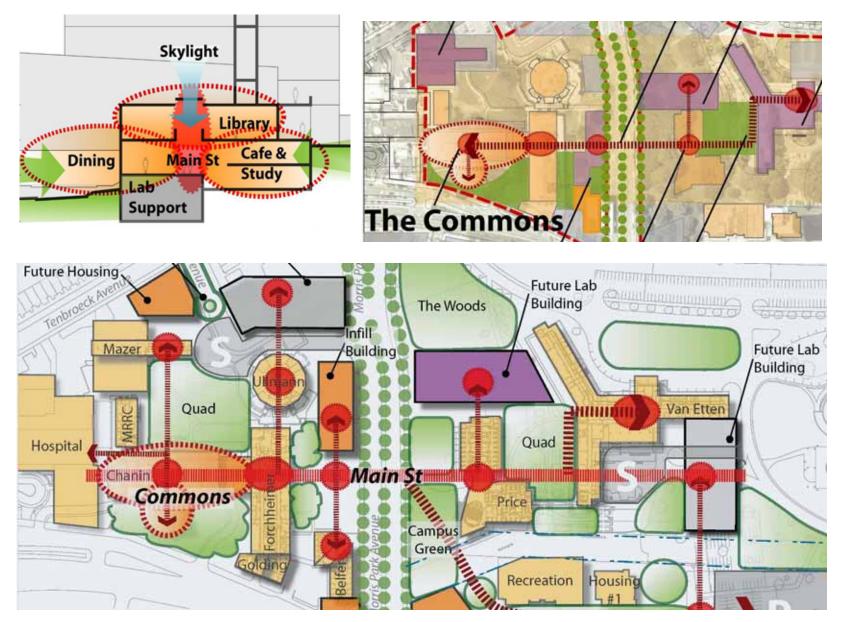






Creating Main Street - Albert Einstein College of Medicine





Albert Einstein College of Medicine – Main Street





Harper Exterior Connections





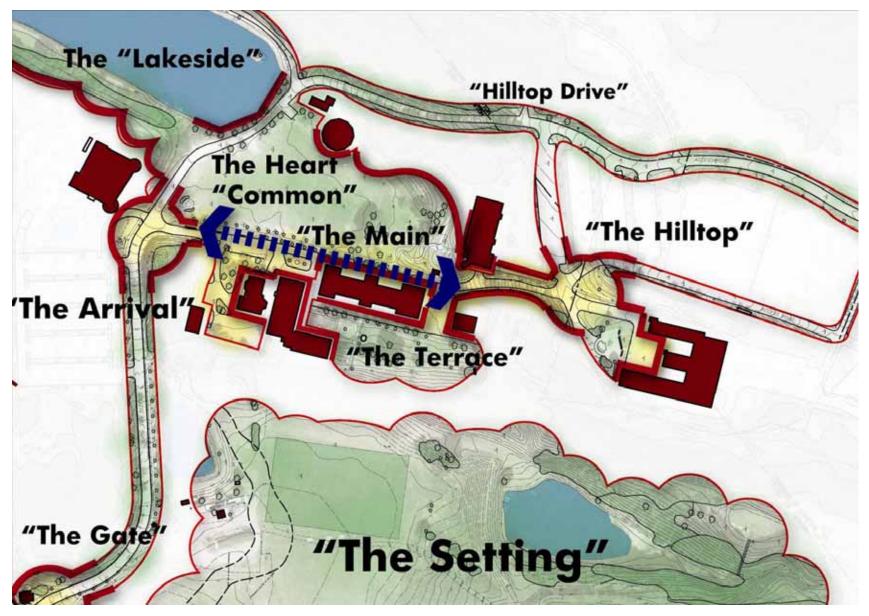






Sussex County Community College - Places





Integrated Landscape & Building Projects – St. John's College





Creating Connections - SUNY New Paltz









Creative Approach to Existing Buildings





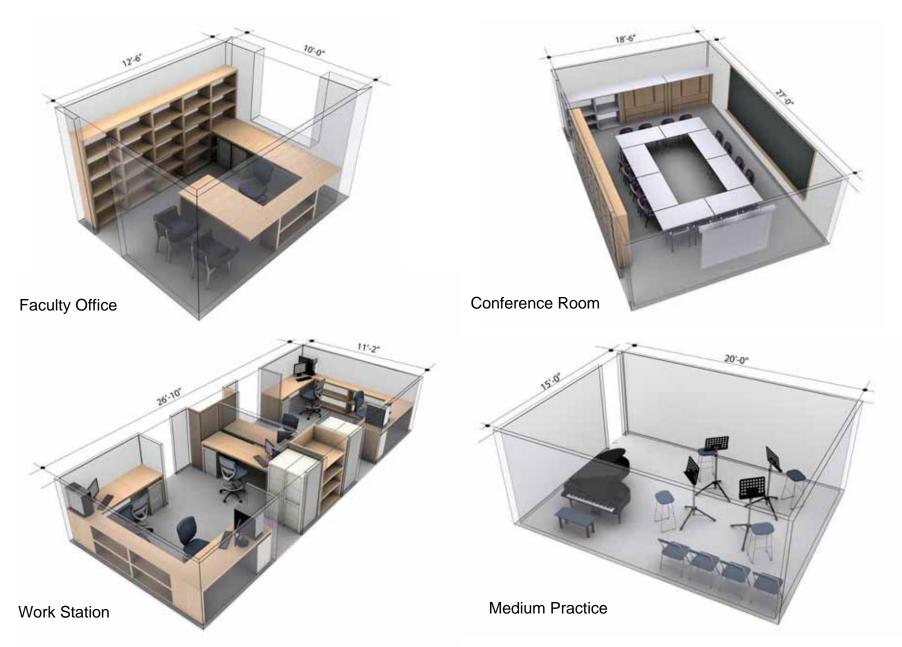
Existing Buildings: Swarthmore College – Trotter Hall





Steinhardt Space Needs – Space Prototypes





Existing Buildings: Einstein – Van Etten Building



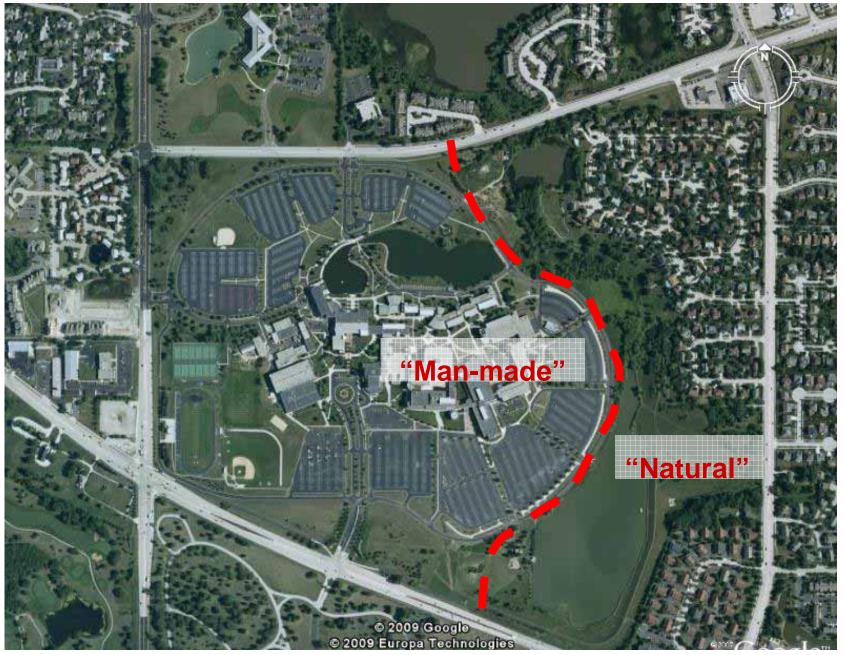






Enhancing Sustainability





Managing Storm Water





The Dell - UVa





The Dell - UVa





Three Step Design process: I - Creative Analysis



Creative Analysis

- Campus Profile
 - Review previous reports to understand mission, goals, aspirations
 - Meet with key campus representatives

Site and Building Analysis

- Tour campus and facilities
- Context, site layout, circulation, buildings, landscape, parking review
- Sustainability review

Understanding Academic and Space Needs

- Review Academic Master Plan

Creative Analysis Summary Enables Consensus on Key Client Decisions:

- Campus Mission & Goals
- Facility Capacity
- Critical Maintenance Issues and Priorities
- Space Needs
- Design Principles

Three Step Design process: II – Master Plan Concepts

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Master Plan Concepts

- Developing Campus Potential
 - Public environment: special, unique places
 - Sites for new buildings
 - Refocusing existing buildings
 - Integration of buildings and landscape
 - Sustainability
 - Budgets and phasing
- Progress Meetings
 - Presentation of ideas
 - Discussion and brainstorming
 - Site Plan layouts
 - Sketches

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Master Plan Recommendations

- Synthesis
 - Public environment: special, unique places
 - Sites for new buildings
 - Refocusing existing buildings
 - Integration of buildings and landscape
 - Sustainability
 - Budgets and phasing
- Summary
 - Documentation of ideas
 - Site Plans
 - Vignettes

William Rainey Harper Community College



William Rainey Harper College Master Plan		Identify										Identify & Test Solve																	
EE&K Architects Revised Project Schedule									rot		m							P			iun) ital					S			e
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Task	30-Nov	7-Dec	14-Dec	21-Dec	28-Dec	4-Jan	11-Jan	10-Jan	1-Feb	8-Feb	15-Feb	22-Feb	1-Mar	8-Mar	15-Mar	22-Mar	29-Mar	5-Apr	12-Apr	19-Apr	26-Apr	3-May	10-May	17-May	24-May	31-May	1-Jun	14-Jun 24-Jun	28-Jun
Project Meetings	•							•	•		•		•		•		•		•		•			•		•		•	•
Board Meeting								•		t					•									•				•	
Campus Master Plan																													
1. Creative Analysis															5	7													
Client Review				-																									
2. Options									tive			s,			4	7								1	7				
Client Review			1	v	/e wi	ill ha	ave c	ons	ensu	S OI	n:													1		1			
3. Final Plan	1	F							ncipl Need					H		-	-			-									1
Draft Master Plan Report				C		nce	ptua		asing		rateg	у							-		-								
Final Master Plan Report						lage		_	_	_	-	_	_	F		_				-	-							\mathbf{T}	5

Creating a Vision for Harper College



