

Facilities Advisory Committee

October 24, 2016

3 Year Capital Plan

Project Name	Budget	FY17	FY18	FY19
Auxiliary:				
Overlook South Renovations already underway	\$1,500,000	\$1,500,000		
Other Residence Hall Renovations	\$2,000,000		\$1,000,000	\$1,000,000
New Residence Hall Architectual	\$1,500,000	\$1,500,000		
Speert Hall- Replace AC rooftop unit due to condition	\$190,000	\$190,000		
Total	\$5,190,000	\$3,190,000	\$1,000,000	\$1,000,000
	Complete	-	-	-
	Construction			
	Design	-	-	-
External/Bond Funds:				
Hunziker Wing and Hall - Renovation	\$31,000,000	\$15,000,000	\$8,000,000	\$2,000,000
New Academic Building	\$40,000,000	\$500,000	\$0	
Total	\$71,000,000	\$15,500,000	\$8,000,000	\$2,000,000

Project Name	Budget	FY17	FY18	FY19
Annual Academic Interior and Classroom Improvements	\$600,000	\$200,000	\$200,000	\$200,000
Atrium Roof and Exterior Repairs	\$690,000	\$40,000		\$650,000
Campus Wide Bathroom Renovations	\$600,000	\$200,000	\$200,000	\$200,000
Campus Wide Exterior Lighting Upgrades	\$650,000	\$150,000		\$500,000
College Hall HVAC and Lighting	\$1,600,000	\$800,000	\$800,000	
College Hall Roof	\$250,000			\$250,000
Football/Baseball Field Returf	\$1,500,000		\$1,500,000	
Hobart Hall HVAC and Lighting	\$2,400,000	\$550,000	\$1,300,000	\$550,000
Landscaping/Site Improvements	\$500,000	\$125,000	\$125,000	\$250,000
Library Carpeting	\$400,000			\$400,000
Power Arts Roof	\$1,150,000			\$1,150,000
Rec Center Repair to Entrance, Siding and Wall	\$230,000		\$230,000	
Roadway and Sidewalk Improvements	\$1,100,000	\$450,000	\$350,000	\$300,000
Shea Music Department Acoustics projec (already underway)	\$100,000	\$100,000		
Soccer Field & pathway project (already underway)	\$500,000	\$500,000		
Valley Road Chillers	\$1,100,000	\$1,100,000		
Total	\$13,370,000	\$4,215,000	\$4,705,000	\$4,450,000

Foundations and Rock Removal



Hunziker/Preakness Link

- Link Steel

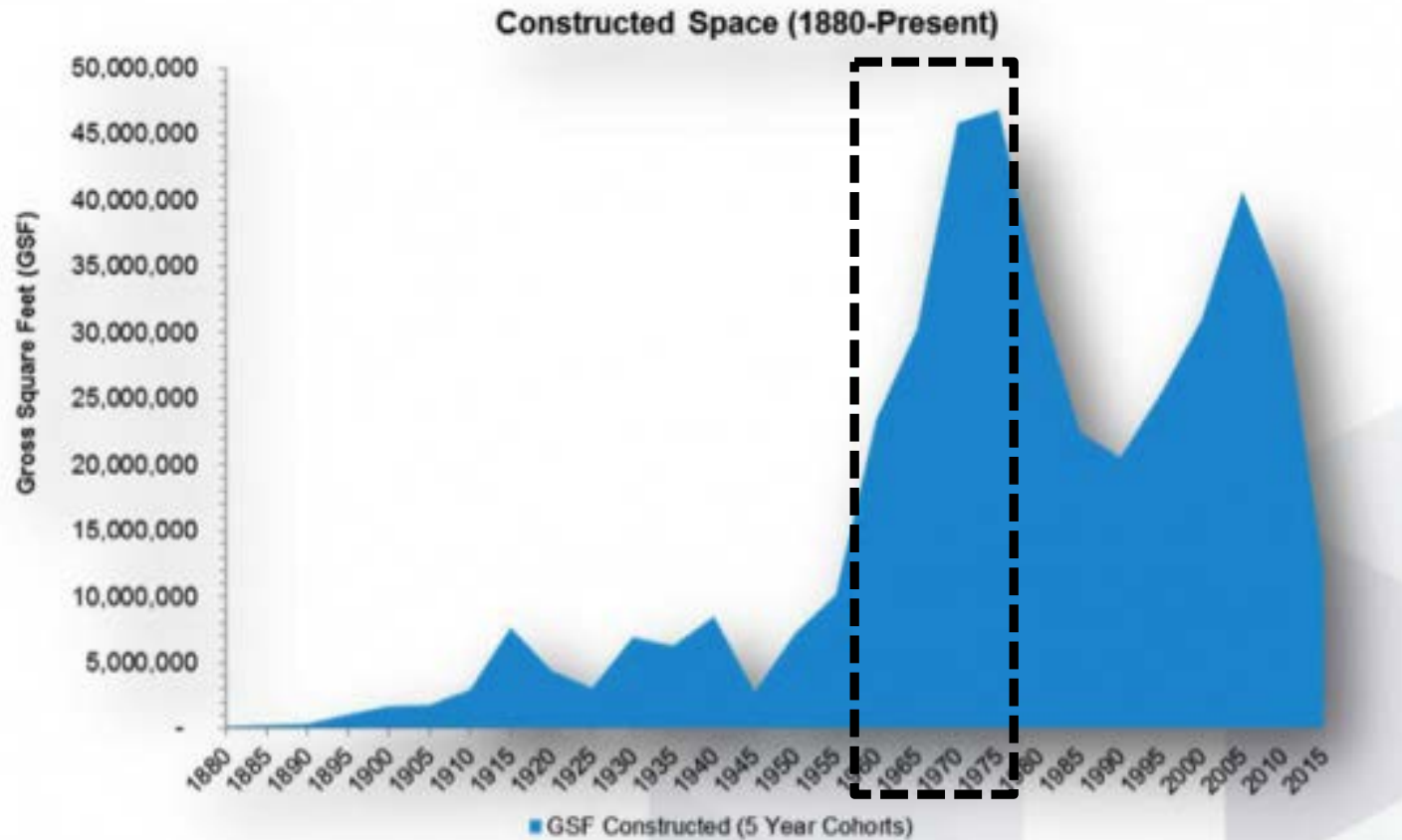


Hunziker/Preakness Timeline

- July 2017 Preakness Hall Occupancy
- English, Philosophy, AFT, Faculty Senate
- WGS & UPA to Atrium (temp)
- July 2017 Hunziker Hall Vacated
- July 2018 Hunziker Hall Complete
- UPA, Black Box, CWA, Music Classrooms

Wave 1: 1960-1975

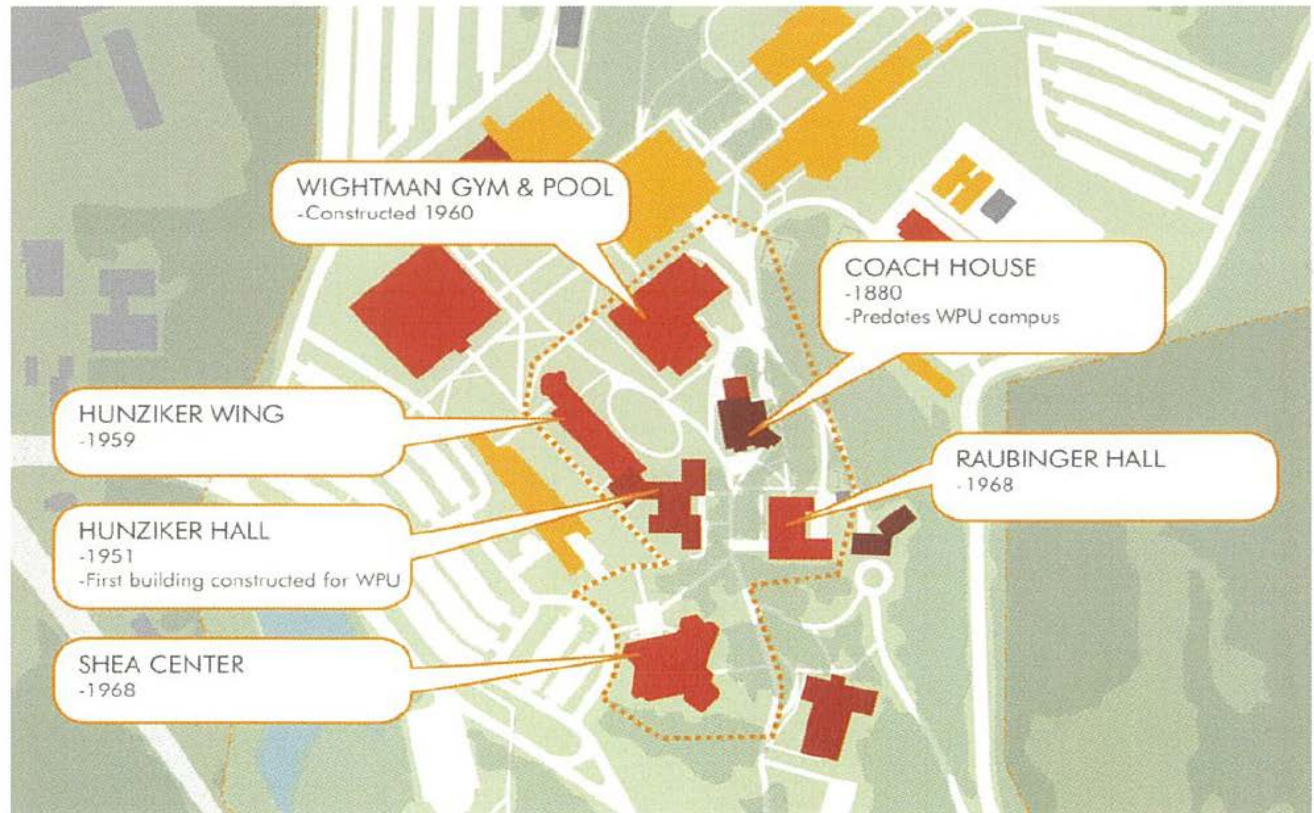
- Baby Boomer Generation
- More construction in this period than in previous 100 years combined.
- Large percentage of campus buildings are from this period (>50% typically)
- Buildings built hastily; not necessarily well.



Academic Zone Mid-Century Construction

Graphic 3.7
Chronological Development of
Academic Zone

- Pre-1900 ●
- 1951-1958 ●
- 1959-1969 ●
- 1970 and Beyond ●



Academic Zone Mid-Century Construction

Building	Constructed	Renovated
Science Hall West	2011	
Science Hall East	1972	2012
Coach House	1919?	1950
University Hall	2016	
Preakness Hall	1960	2017
Hunziker Hall	1950	2018
Wightman Gym	1954/1960	?
Raubinger Hall	1968	?
Shea Center	1968	?
Ben Shahn (Upper)	1969	?



Shea Center circa 1968

Raubinger Double Loaded Corridor



University Hall Common Space



Wightman Classroom



University Hall



University Hall

Room Name	Capacity	Contact Hours	Room Utilization (%)	Seat Utilization (%)
UNIVH_113	38	590.3	62.7	51.9
UNIVH_114	38	684.3	52.6	62.6
UNIVH_115	32	300.0	26.4	63.5
UNIVH_116	40	588.8	55.9	49.5
UNIVH_117	50	479.2	42.4	40.0
UNIVH_118	40	659.7	54.8	59.2
UNIVH_120	24	332.5	35.5	72.7
UNIVH_121	24	315.8	35.3	67.7
UNIVH_126	40	483.7	45.6	47.9
UNIVH_127	40	509.8	55.5	49.2
UNIVH_128	32	87.5	13.6	36.4
UNIVH_203	40	355.2	50.6	38.9
UNIVH_204	24	299.5	36.1	73.5
UNIVH_205	24	434.2	65.8	61.7
UNIVH_312	40	709.0	52.7	62.7
UNIVH_313	36	738.9	60.2	64.4
Summary	562	7,568	46.6	56.4

1. Active Learning Classroom (Orange) Utilization Low
2. Seminar Room (Green) Utilization Low than Standard Classroom
3. Seat Utilization for some Standard below 50%

Room Name	Capacity	Contact Hours	Room Utilization (%)	Seat Utilization (%)
VALLEY_1001	32	55.0	5.0	62.5
VALLEY_1002	15	76.0	8.2	80.0
VALLEY_1003	15	53.8	6.5	100.0
VALLEY_1004	20	194.1	25.2	72.9
VALLEY_1007	15	83.2	10.6	82.2
VALLEY_1008	15	75.0	11.7	76.7
VALLEY_1012	170	192.5	10.0	20.6
VALLEY_1016	15	45.0	8.0	66.7
VALLEY_1017	15	128.8	15.6	100.0
VALLEY_1020	20	273.8	25.9	96.9
VALLEY_1021	20	308.8	29.2	95.0
VALLEY_1022	32	339.2	23.8	80.4
VALLEY_1023	30	701.7	44.8	95.8
VALLEY_1024	30	699.2	47.0	91.0
VALLEY_2001	48	1,078.3	55.8	73.6
VALLEY_2002	48	1,085.8	55.8	73.6
VALLEY_2003	30	377.1	25.6	89.6
VALLEY_2004	15	565.0	68.5	100.0
VALLEY_2005	15	431.3	52.3	100.0
VALLEY_2006	48	735.0	38.2	72.9
VALLEY_2007	30	508.7	35.6	88.3
VALLEY_2008	48	624.1	38.2	62.5
VALLEY_2009	48	717.5	37.3	72.9
VALLEY_2012	48	630.0	32.7	72.9
VALLEY_2013	30	550.0	38.6	87.9
VALLEY_2014	30	155.0	10.9	88.9
VALLEY_2016	30	452.5	46.4	72.9
VALLEY_2018	24	283.7	32.9	63.9
VALLEY_2020	15	683.3	85.8	86.7
VALLEY_2021	48	718.8	38.6	71.0
VALLEY_2022	48	486.3	25.9	71.4
VALLEY_3015	15	129.2	27.4	56.7
VALLEY_3017	24	60.0	5.5	83.3
VALLEY_3024	15	51.7	4.7	100.0
VALLEY_3065	15	61.7	6.7	83.4
VALLEY_3074	15	363.8	44.1	100.0
VALLEY_3076	15	290.6	43.9	58.6
VALLEY_3103	15	48.3	8.0	70.0
VALLEY_4018	15	175.5	23.0	93.3
VALLEY_4022	15	112.2	17.6	78.3
VALLEY_4070	15	30.0	1.8	100.0
VALLEY_4088	15	62.7	12.0	64.4
VALLEY_4091	15	198.0	22.4	90.0
Total	1,236	14,892	28.1	80.2

Valley Road

Different Room Availability for Seminar Rooms (evenings only).

Seven seminar/conference rooms were removed from this sheet since they were not scheduled at all for classes.

Smaller classrooms have extremely low utilization.

Larger class rooms have high seat utilization.

Auditorium not frequently used for scheduled classes.

Science East

Room Name	Capacity	Contact Hours	Room Utilization (%)	Seat Utilization (%)
SCIE_1014	28	563.3	45.6	80.9
SCIE_1015	30	505.0	51.4	63.6
SCIE_1017	40	487.5	50.0	44.3
SCIE_1018	10	203.8	32.3	85.7
SCIE_1020	30	392.5	41.4	57.6
SCIE_2030	35	387.5	35.5	60.3
SCIE_2063	89	525.3	46.1	23.3
SCIE_2064	131	730.8	46.8	23.2
SCIE_3002	49	488.8	38.6	47.2
SCIE_3008	24	328.5	33.2	75.0
SCIE_3009	20	218.0	16.5	100.0
SCIE_3013	24	400.0	30.3	100.0
SCIE_3018	24	504.0	50.9	75.0
SCIE_3024	40	517.3	47.1	49.8
SCIE_3026	40	588.8	51.4	53.1
SCIE_3027	49	319.4	27.1	43.9
SCIE_3028	40	488.3	47.9	45.3
SCIE_3054 D	26	618.6	49.8	84.6
SCIE_3054 F	40	646.2	64.4	44.6
SCIE_3054 G	26	541.0	45.9	81.9
SCIE_4003	24	198.0	15.0	100.0
SCIE_4005	24	383.1	28.3	100.0
SCIE_4006	24	269.6	43.5	52.5
SCIE_4007	40	645.0	57.7	51.7
SCIE_4009	40	685.0	49.5	63.1
SCIE_4011	24	116.8	28.6	43.4
SCIE_4012	24	209.0	16.8	93.8
SCIE_4018	30	671.7	51.7	76.9
SCIE_4020	24	291.1	29.8	73.6
SCIE_4021	24	494.0	37.4	100.0
SCIE_4023	24	188.0	14.2	100.0
SCIE_4025	24	125.3	38.6	29.6
SCIE_4026	30	602.9	53.9	67.6
SCIE_5000	40	649.6	48.3	62.3
SCIE_5001	40	579.0	52.3	51.5
SCIE_5003	24	555.8	44.1	90.8
SCIE_5019	24	509.3	42.4	92.3
SCIE_5020	24	751.5	57.3	92.4
SCIE_5036	40	658.5	47.7	61.7
SCIE_5041	30	478.2	38.8	72.7
Total	1,373	18,516	41.2	67.9

Smaller Classroom/Labs Utilization Low

Same Rooms Have High Seat Utilization

Classroom and Seat Utilization

Room Name	Capacity	Contact Hours	Room Utilization (%)	Seat Utilization (%)
University Hall	562	7568	46.6	56.35
Valley Road	1236	14891	28.1	80.17
Science East	1373	18515	41.2	67.87

Data from 25Live.

Does not include events/classes not on 25 Live.

Room Utilization based on 55 contact hours per week.

More details needed about 25Live calculations.

Fall 2018, add 13 classrooms with 360 more seats than now

New 300 Bed Residence Hall



SITE PLAN

William Paterson University: New Residence Halls - Revised Plans (300 beds)

October 20, 2016

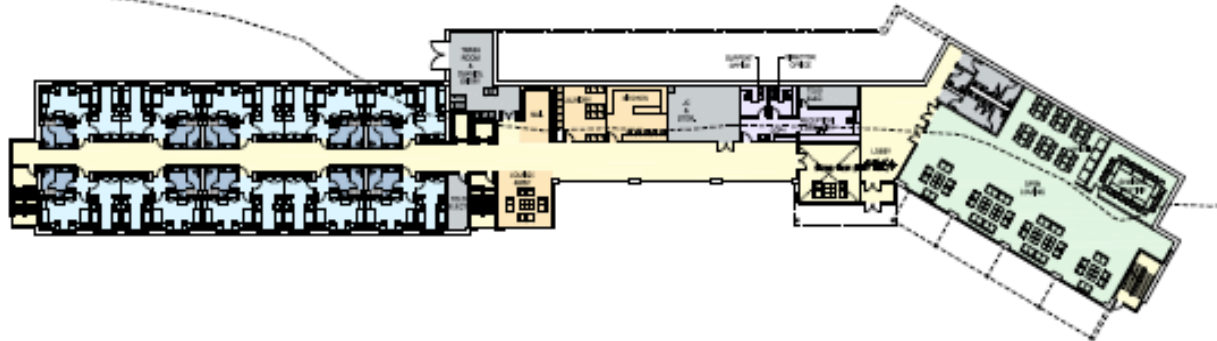


Circle Green Halls
Architecture
Planning
Landscape Architecture

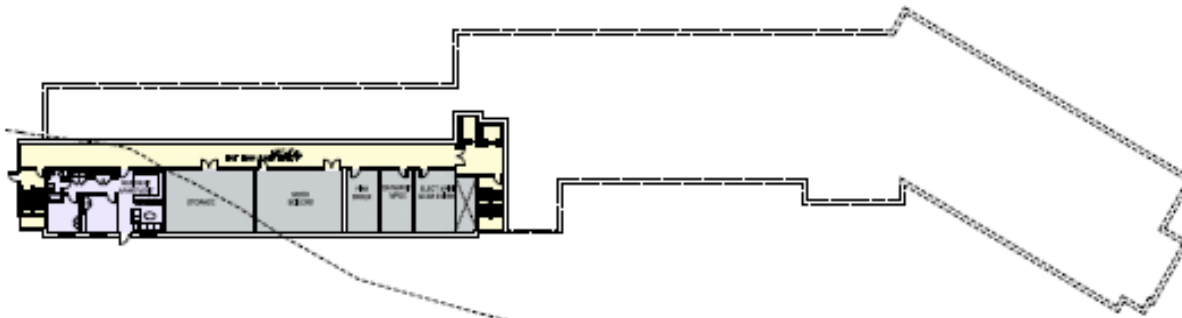




THIRD FLOOR
Elev: +557'



ENTRY LEVEL
(SECOND FLOOR)
Elev: +544'



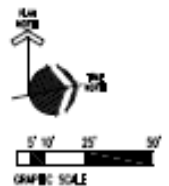
LOWER LEVEL
(FIRST FLOOR)
ELEV: +531'

LEGEND

- | | | |
|--------------------|-------------|---|
| CIRCULATION | BATHROOMS | RECEPTION, OFFICES & RESIDENT APARTMENT |
| RESIDENT AMENITIES | MECHANICAL | |
| DORMITORY SUITES | OPEN LOUNGE | |

NOTES:

- GROSS BUILDING AREA: 92,990GSF
- TOTAL # OF STORIES: 5
- TOTAL # OF BEDS: 300 (75/SUITES)

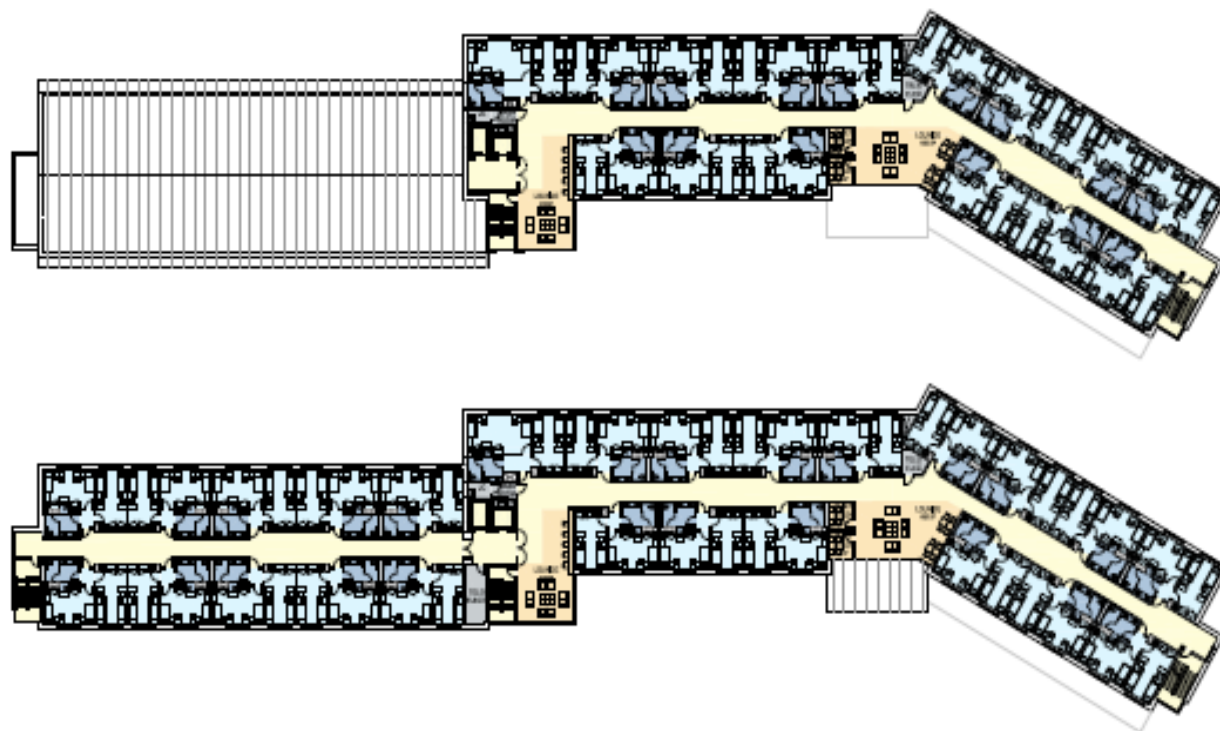


William Paterson University: New Residence Halls - Revised Plans (300 beds)

October 20, 2016

Shelsie Green White
Architectural
Planning
Landscape Architecture





FIFTH FLOOR
Elev: +573'

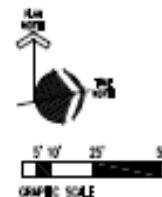
FOURTH FLOOR
ELEV: +560'

LEGEND

 CIRCULATION	 BATHROOMS	 RECEPTION, OFFICES & RESIDENT APARTMENT
 RESIDENT AMENITIES	 MECHANICAL	
 DORMITORY SUITES	 OPEN LOUNGE	

NOTES:

GROSS BUILDING AREA: 92,070GSF
 TOTAL # OF STORIES: 5
 TOTAL # OF BEDS: 300 (75/SUITES)



William Paterson University: New Residence Halls - Revised Plans (300 beds)

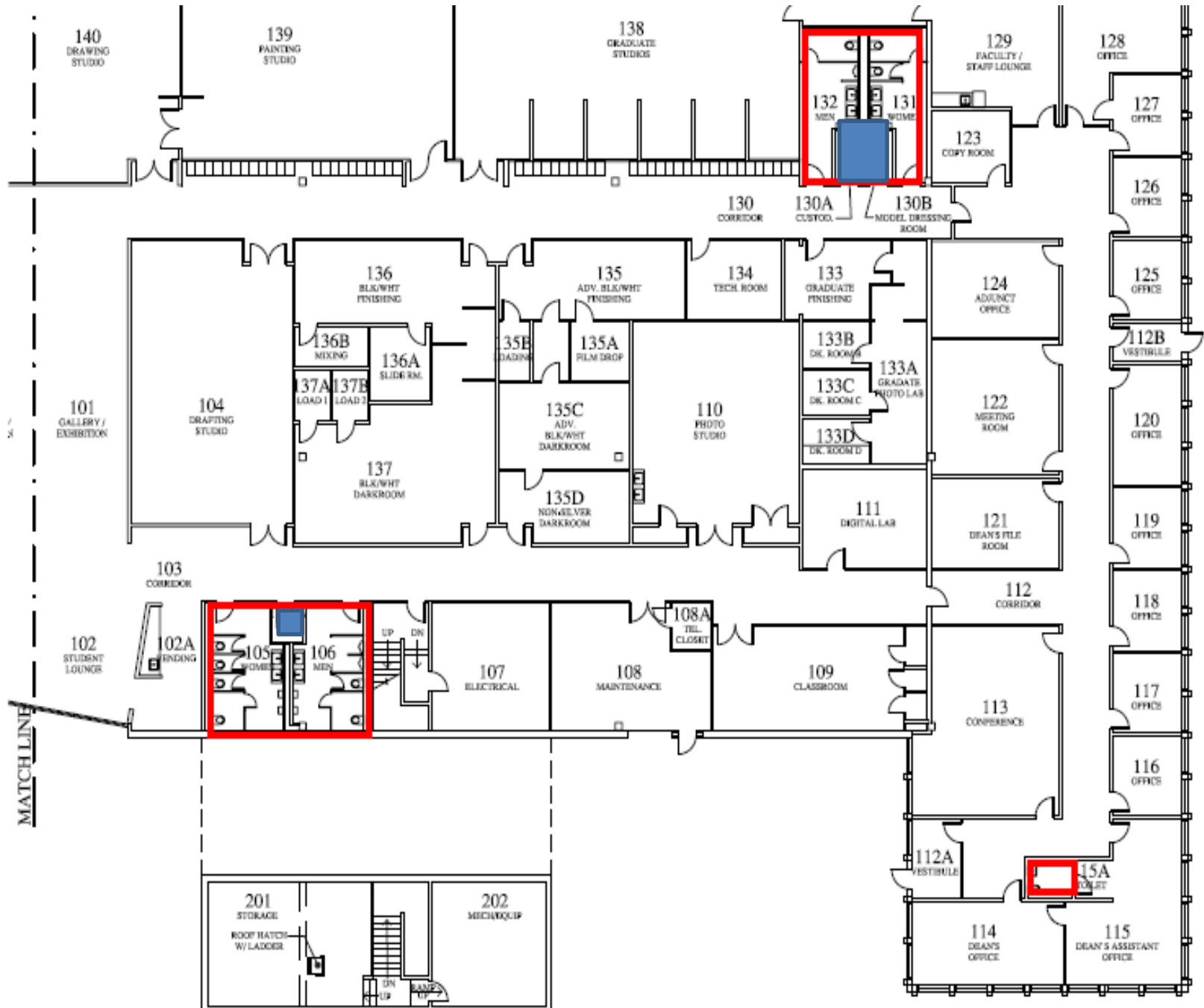
October 20, 2016

Clarko-Cotton Hillis
 Architecture
 Planning
 Landscape Architecture

Power Arts Plumbing Fixtures

Summary:

Max. Occ.:	Grand Total of plumbing fixtures Required:	
	Men: W.C. - 2 / U - 2	Lav. - 2
	Women: W.C. - 4	Lav. - 2
Prog. Occ.:	Grand Total of plumbing fixtures Required:	
	Men: W.C. - 2 / U - 2	Lav. - 2
	Women: W.C. - 4	Lav. - 2
	Grand Total of plumbing fixtures Provided:	
	Men: W.C. - 3 / U - 3	Lav. - 4
	Women: W.C. - 6	Lav. - 4



MATCHLINE

All Gender Bathrooms

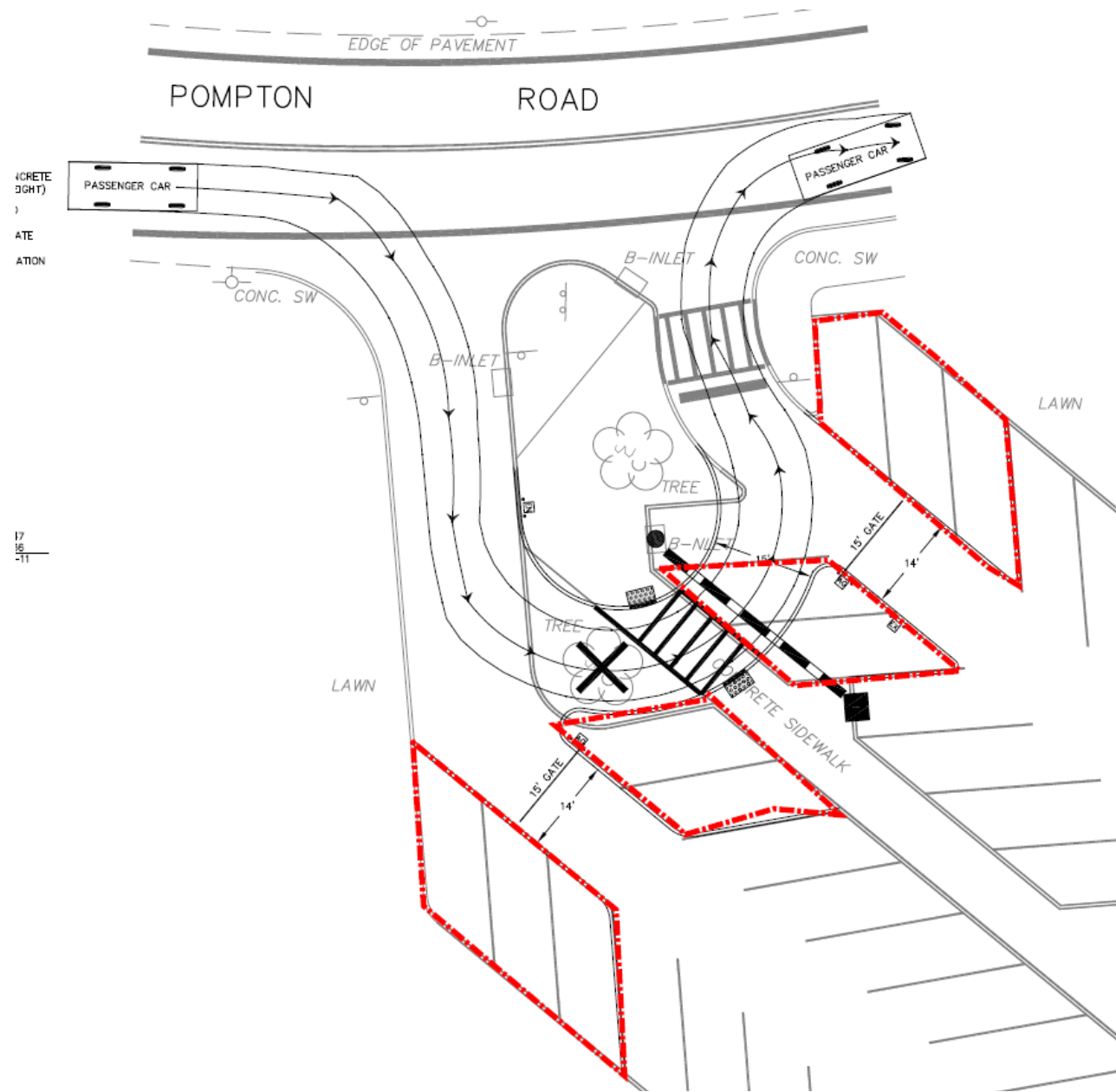
- Include in Renovations
- Include in New Construction
- Decisions for existing construction (funding)
- Plumbing Code Changes
- Multiple Stall All-Gender?



Vehicle Free Zone

Loading Zones

Gate at Lot 8



No Left Turn

