

# Facilities Advisory Committee

February 6, 2015

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# NAB Wayfinding



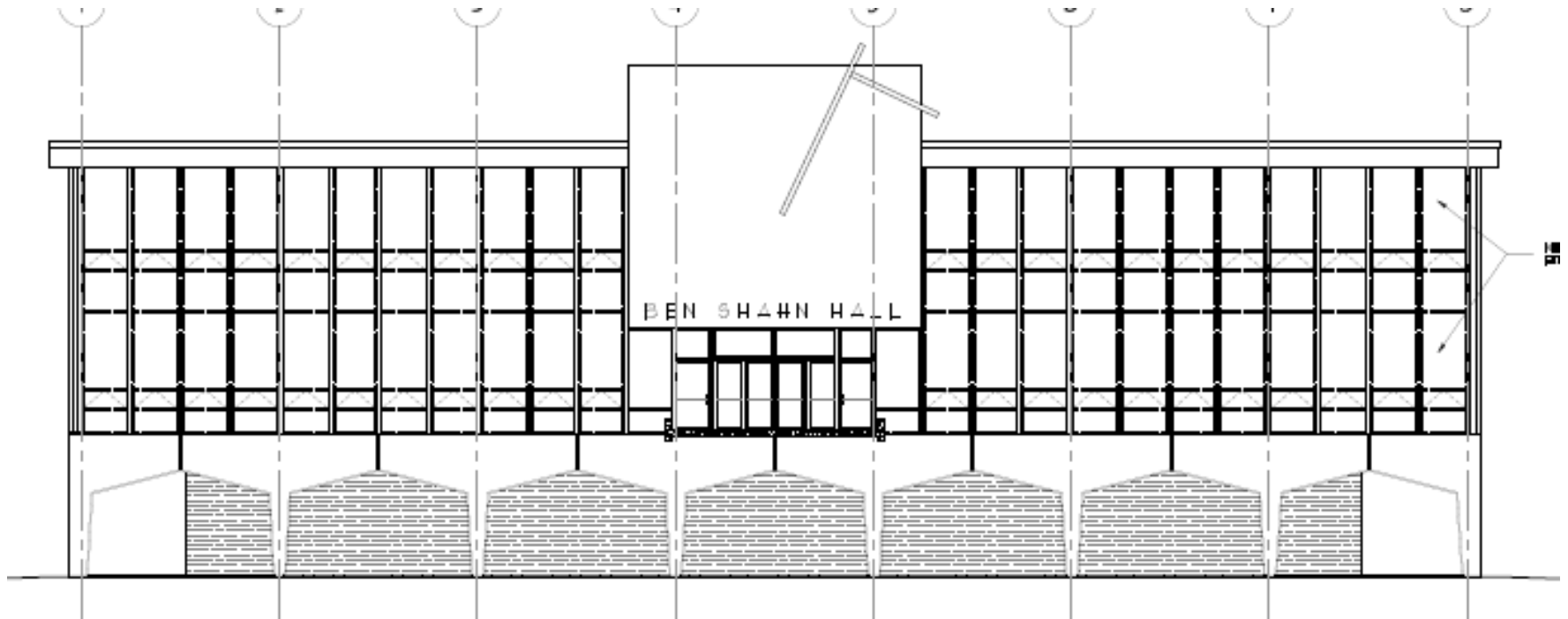
## Paving Boundary

# FY16 Proposed Projects

• Paving	\$500,000
• East Road Widening	\$500,000
• Valley Road Plaza	\$250,000
• Ben Shahn HVAC and Elevator	\$500,000
• Hobart Hall Windows	\$200,000
• Classroom Improvements	\$200,000
• Atrium Plaza, Doors and Security	\$300,000
• Ben Shahn Entry	\$250,000
• Facilities Building Renovations	\$100,000
• Football Bleachers	\$800,000
• Total	\$3.6 million; Goal \$5 million



# Ben Shahn Curtain Wall



# Ben Shahn Curtain Wall

Material R-Values			
Material	Term	R-Value	Comments
A	B	C	D
Baseline			
Outer Surface Film	$R_{OSF}$	0.25	Vertical interior wall
Inner Surface Film	$R_{ISF}$	0.68	Vertical exterior wall, light wind
Transite (asbestos cement board), 3/8"	$R_{INS-1}$	0.09	
Insulation (exist), 1-1/4"	$R_{INS-2}$	5.00	Polystyrene according to DWGs
Existing Glass, Single Pane, 1/4"	$R_{GLASS}$	0.91	
Proposed			
Outer Surface Film	$R_{OSF}$	0.25	
Inner Surface Film	$R_{ISF}$	0.68	
Thermafiber Insulation (new), 1"	$R_{INS-1}$	14.00	
Insulated Metal Panel, 1"	$R_{INS-2}$	7.50	
New Glass, Double Pan, 1/4"	$R_{GLASS}$	2.22	Based on U-value of 0.45

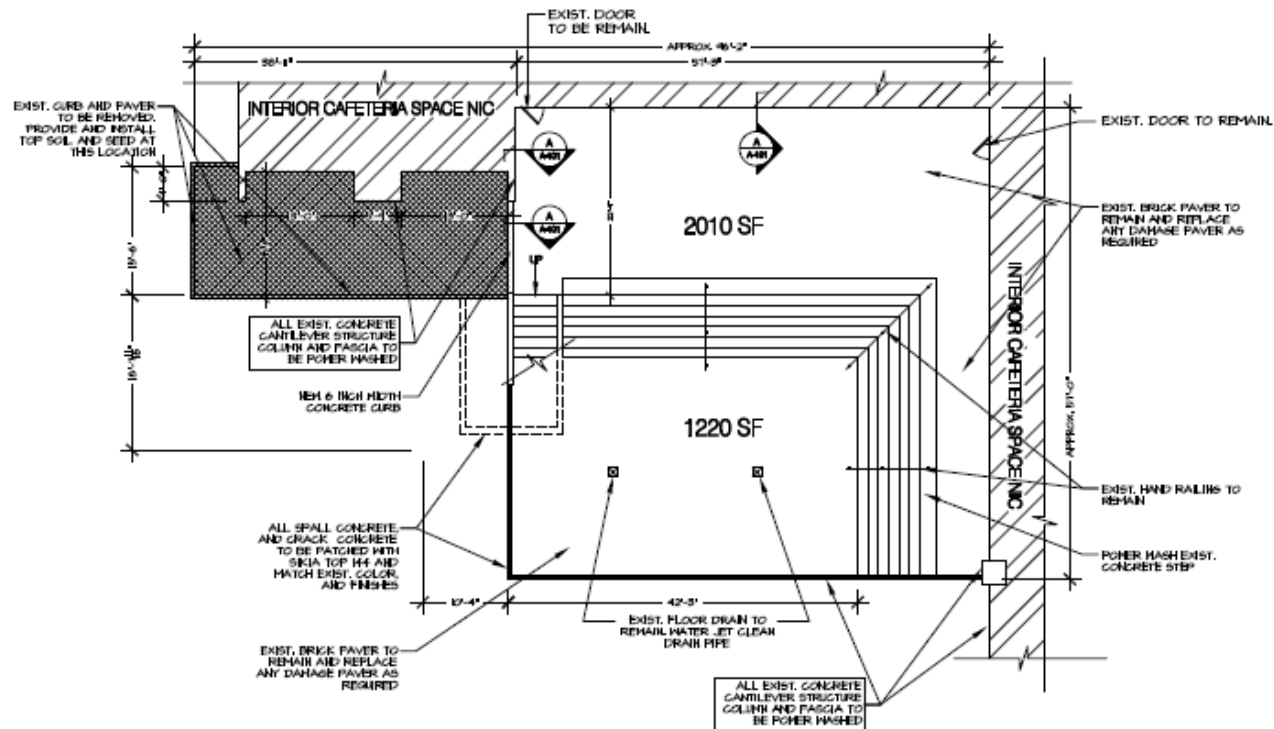
# Ben Shahn Curtain Wall Energy Savings

Energy Savings Calculations		
Model	Electricity (kWh)	Gas (therms)
A	B	C
Baseline (existing)	825,529	13,708
Proposed	717,129	9,566
Savings	108,400	4,142
Savings %	13.1%	30.2%

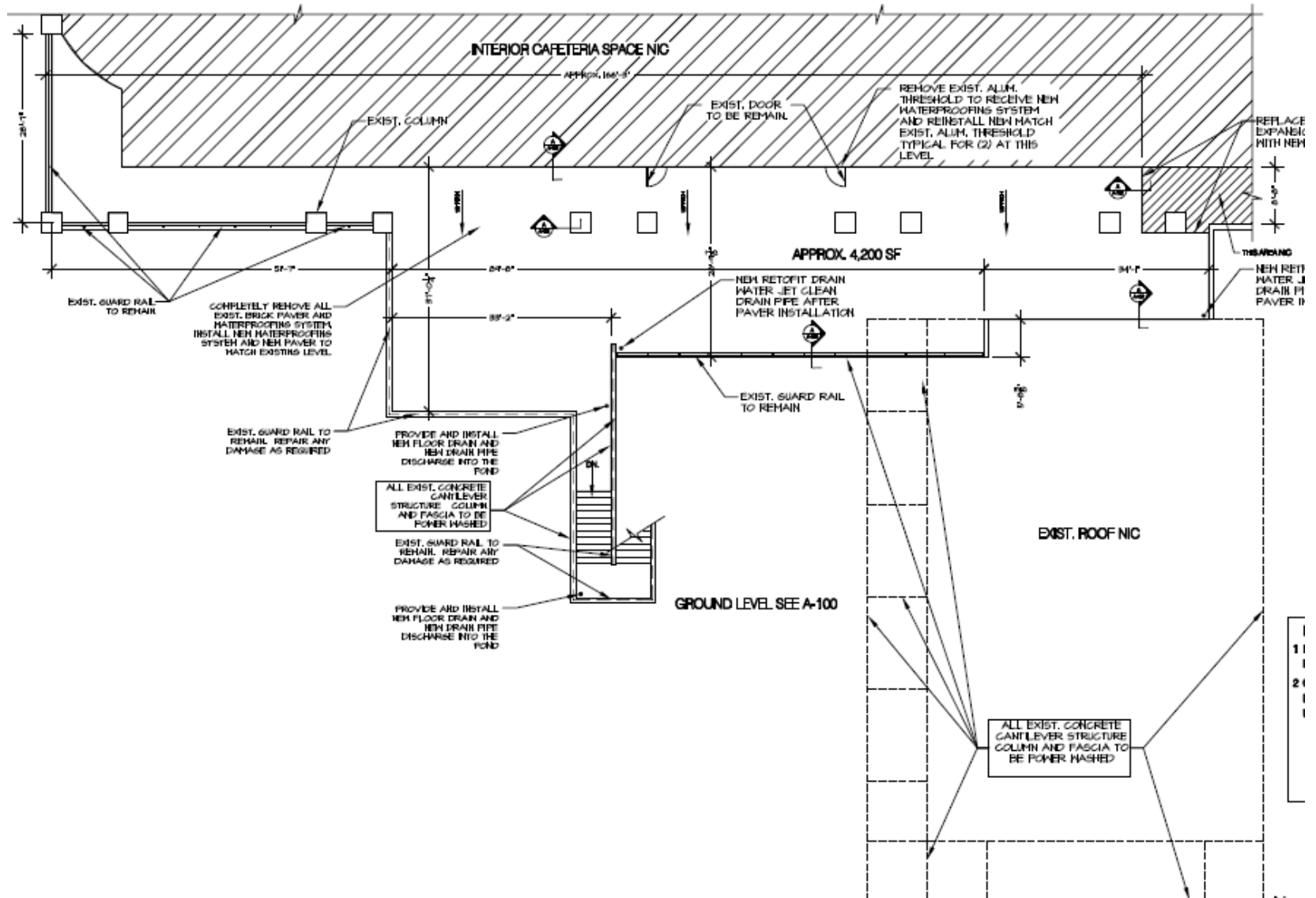
New Curtain Wall will save approximately \$16,000 per year in Electricity and \$10,000 per year in natural gas expenses.



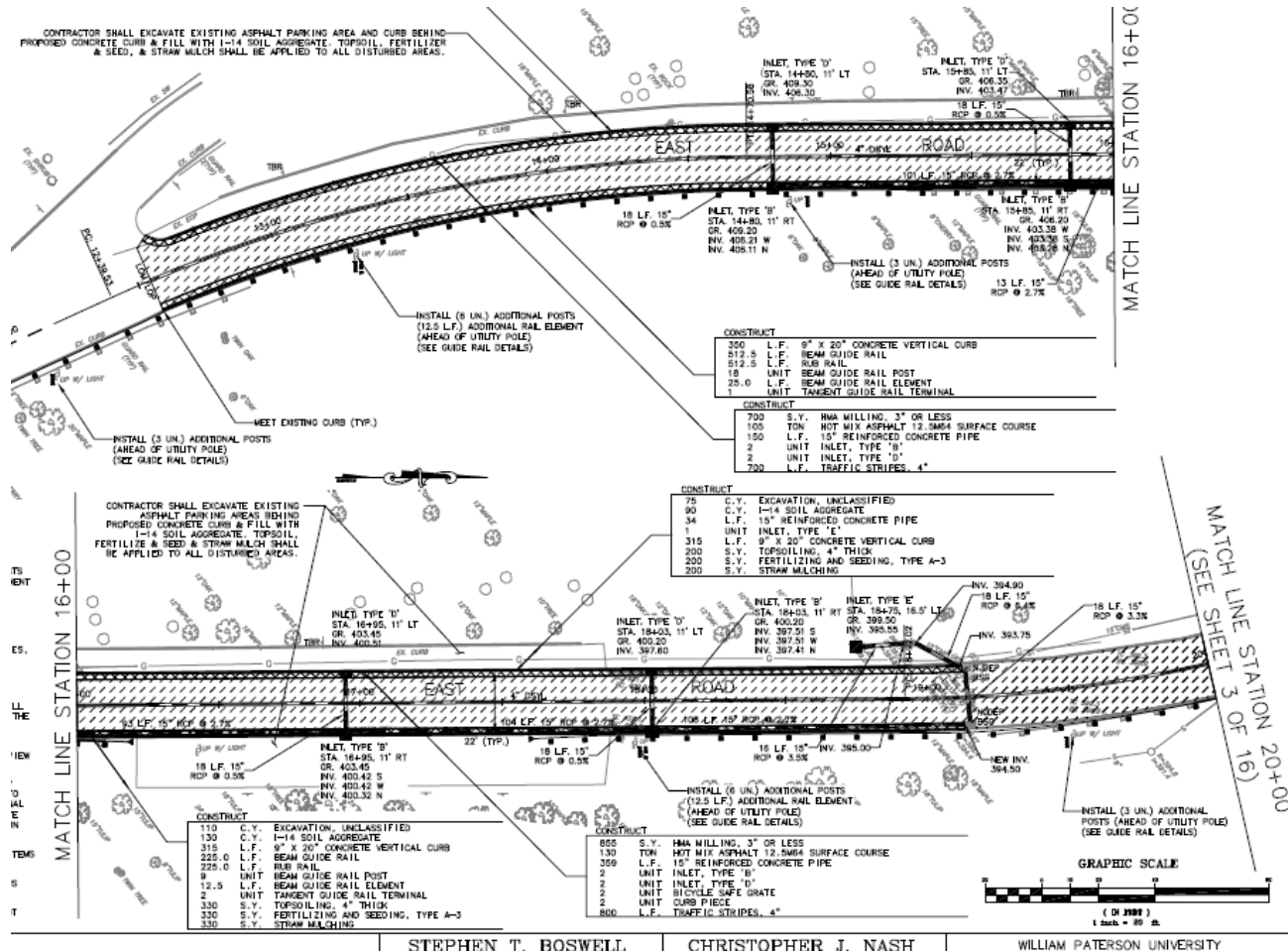
# Valley Road Plaza – Lower Level



# Valley Road – Upper Level

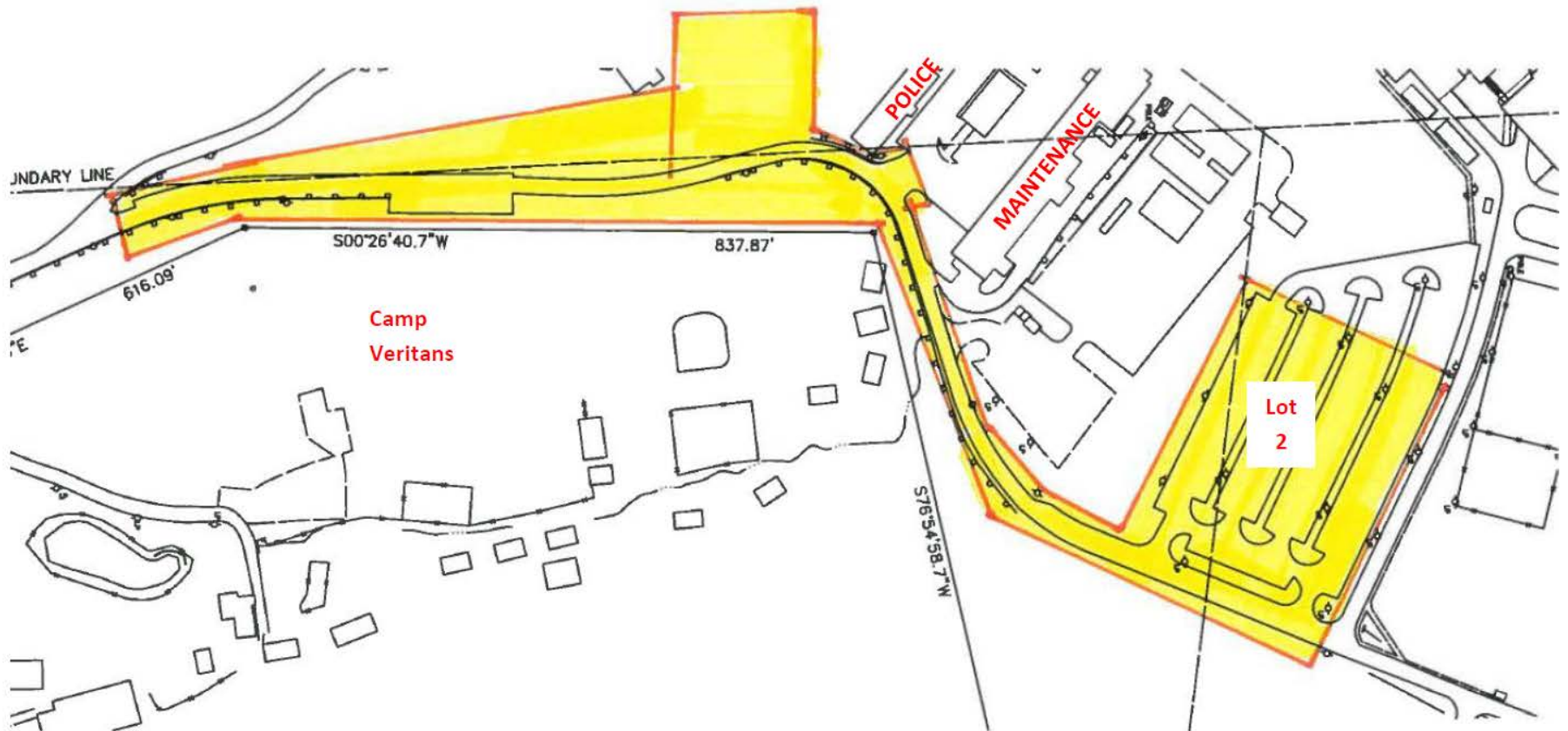


# East Road Widening



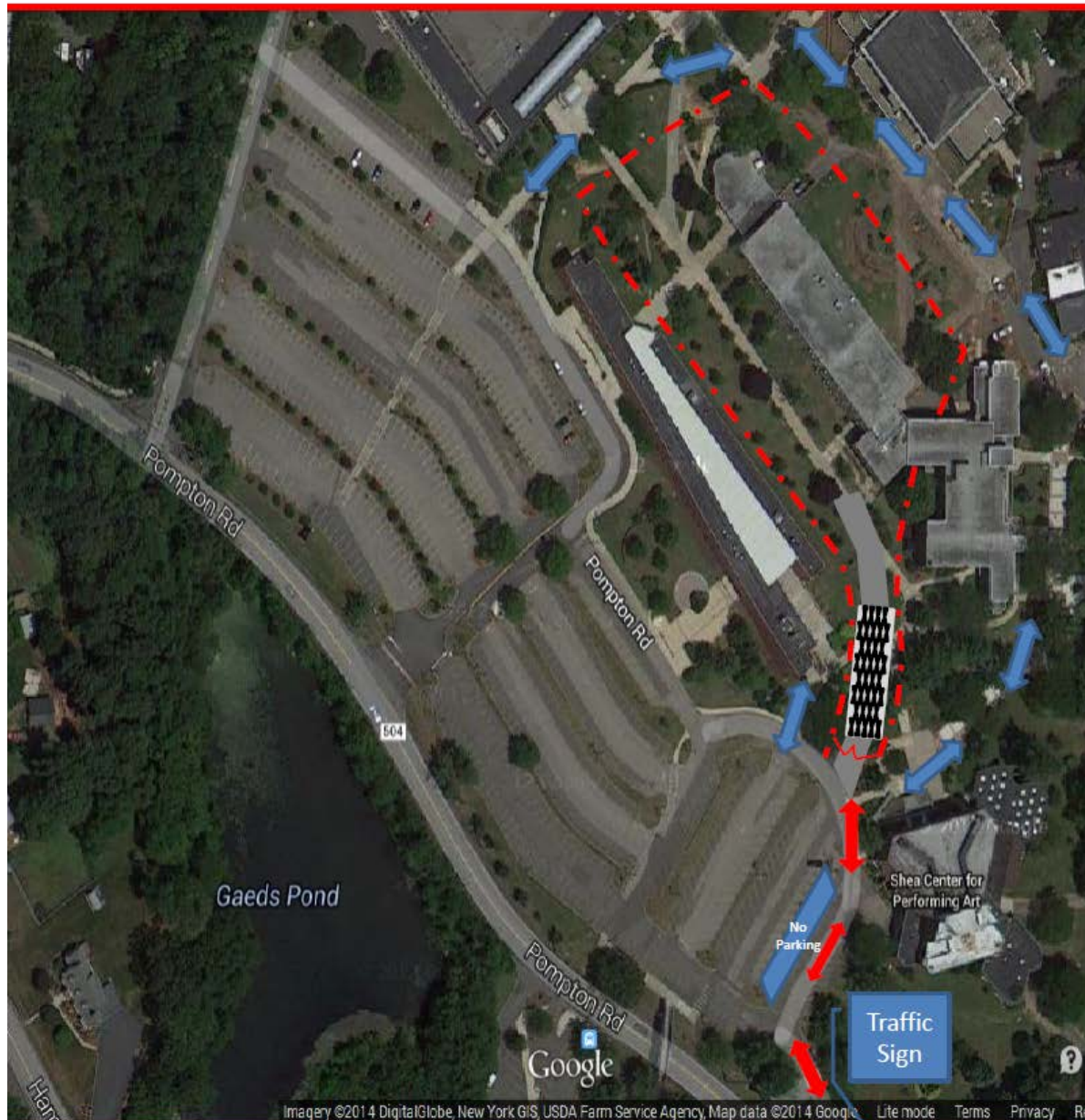
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# Paving Scope East Road




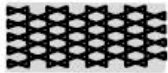





# Entry 3 Access to Site



## Legend:

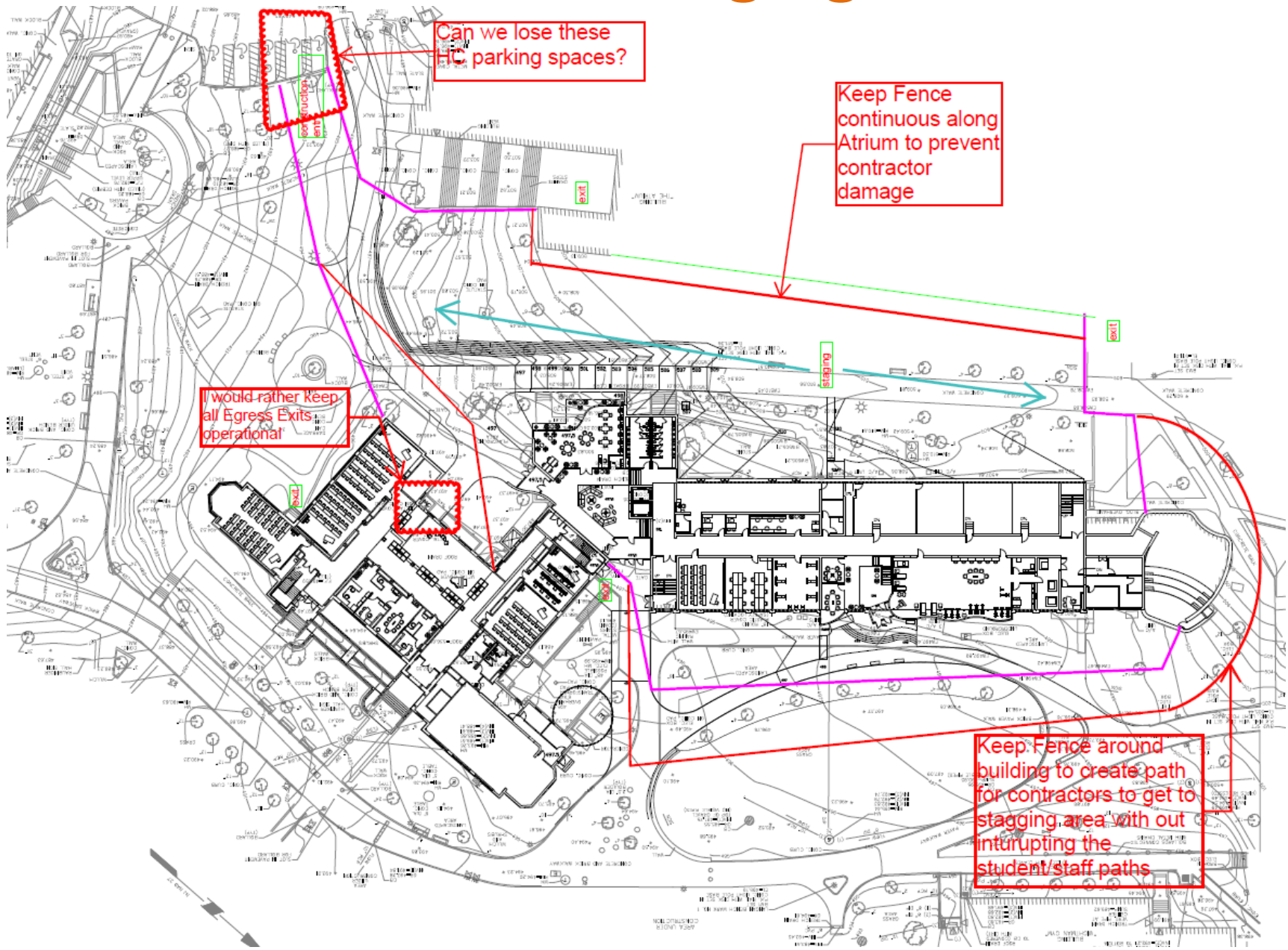
-  Site Fence
-  Student/ Staff Path
-  Construction Traffic
-  Tracking Pad
-  Construction Signage:  
Hunziker Deliveries only

**Site Logistic Plan For:**  
William Paterson University  
Hunziker Wing Renovations

Preliminary Logistics Plan 1A  
January 23, 2015

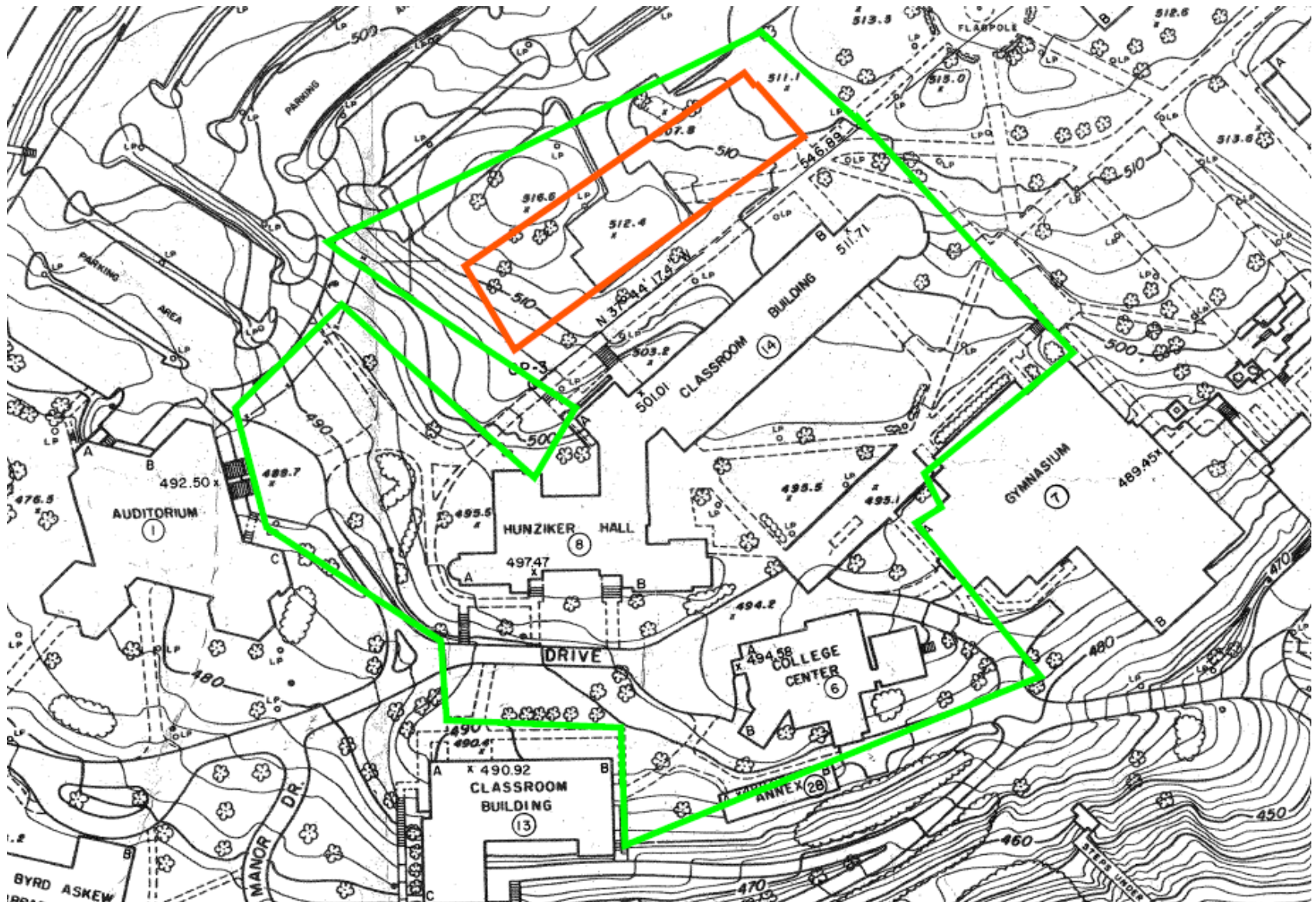
**Turner**

# Contractor Staging Plan





# Restricted Vehicle Use



# Snow Guards



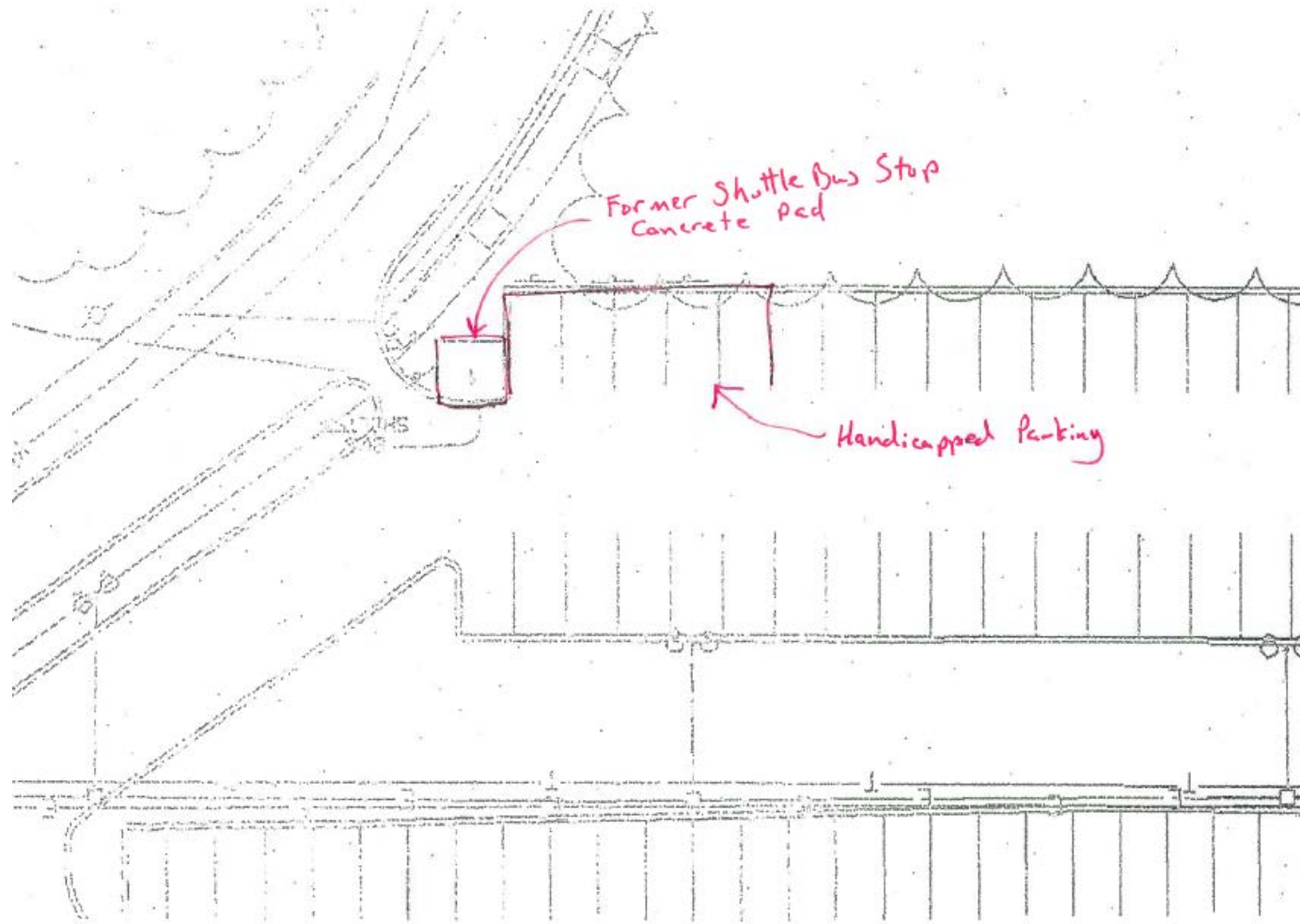


# Shuttle Bus Lot 5





# Lot 5



# Shuttle Bus without Shelter

