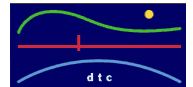
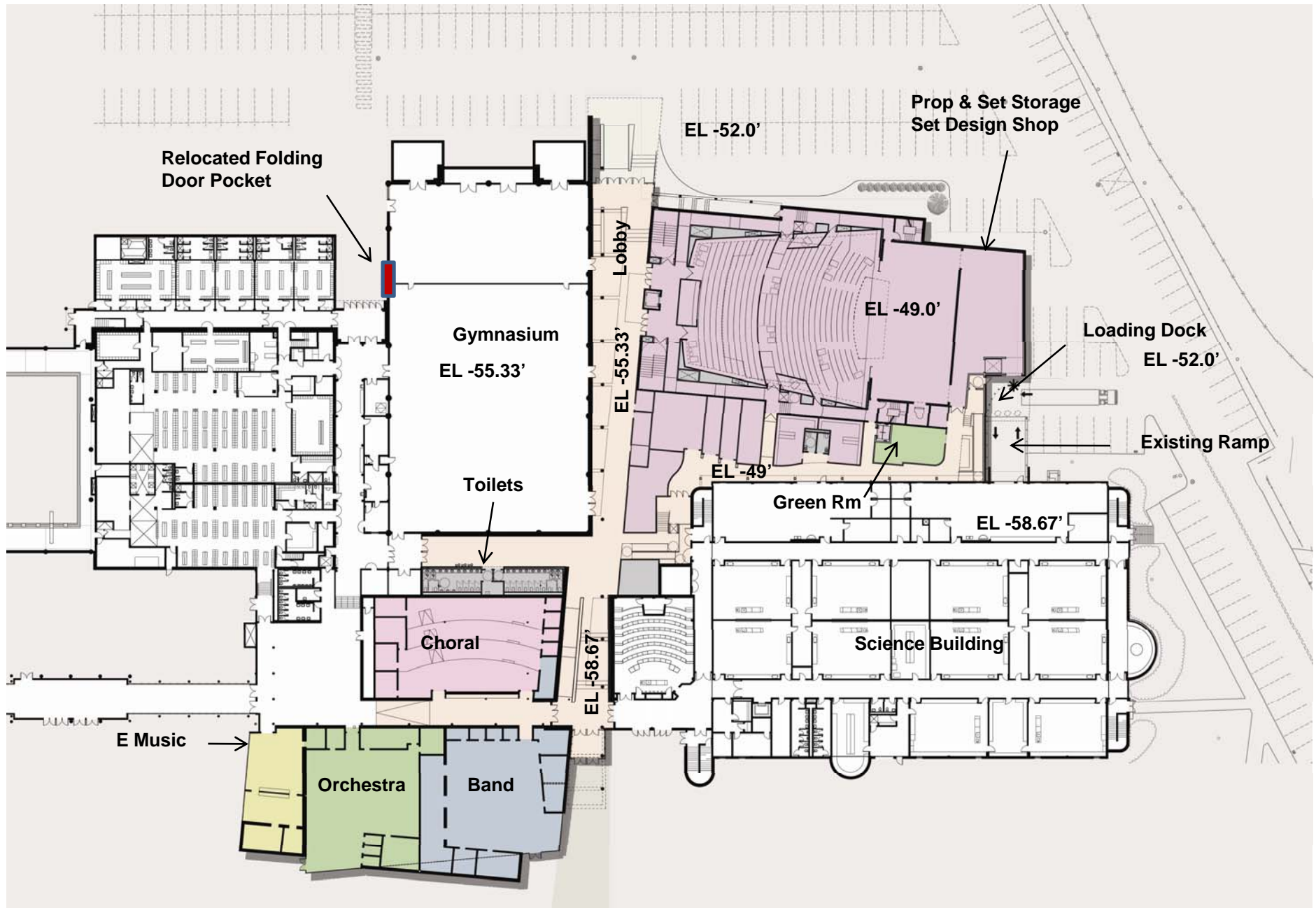


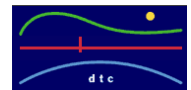


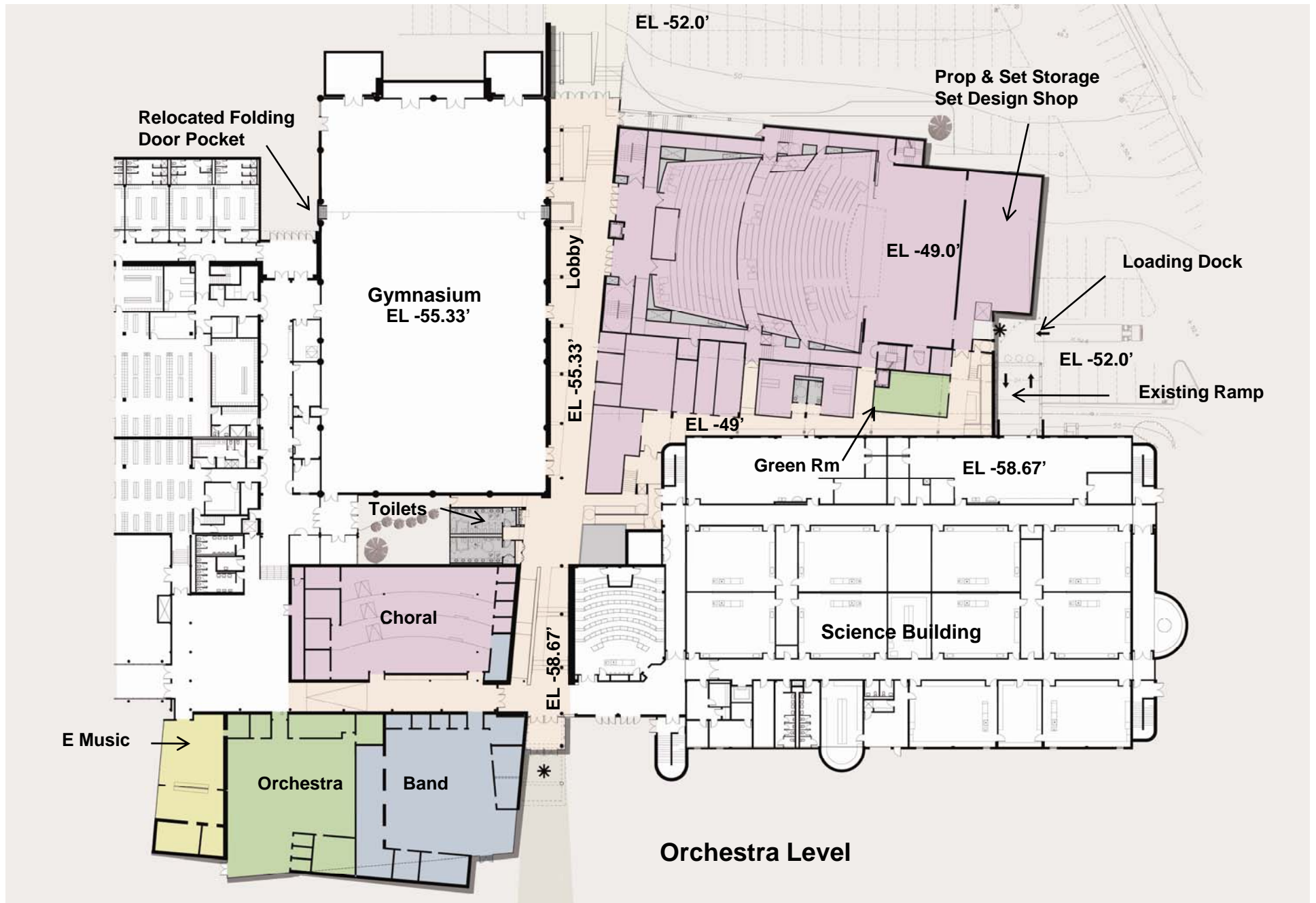
PERKINS + WILL

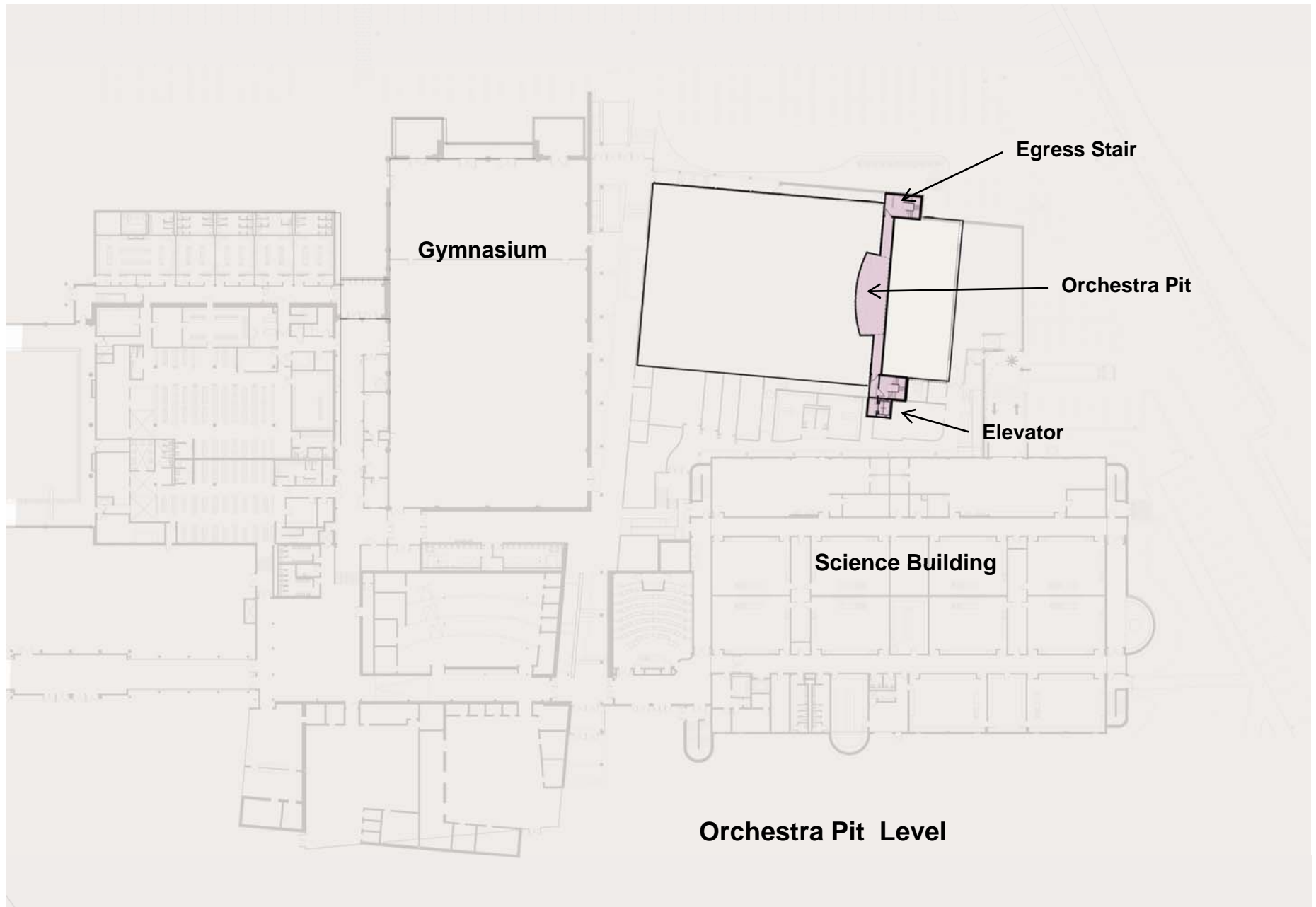


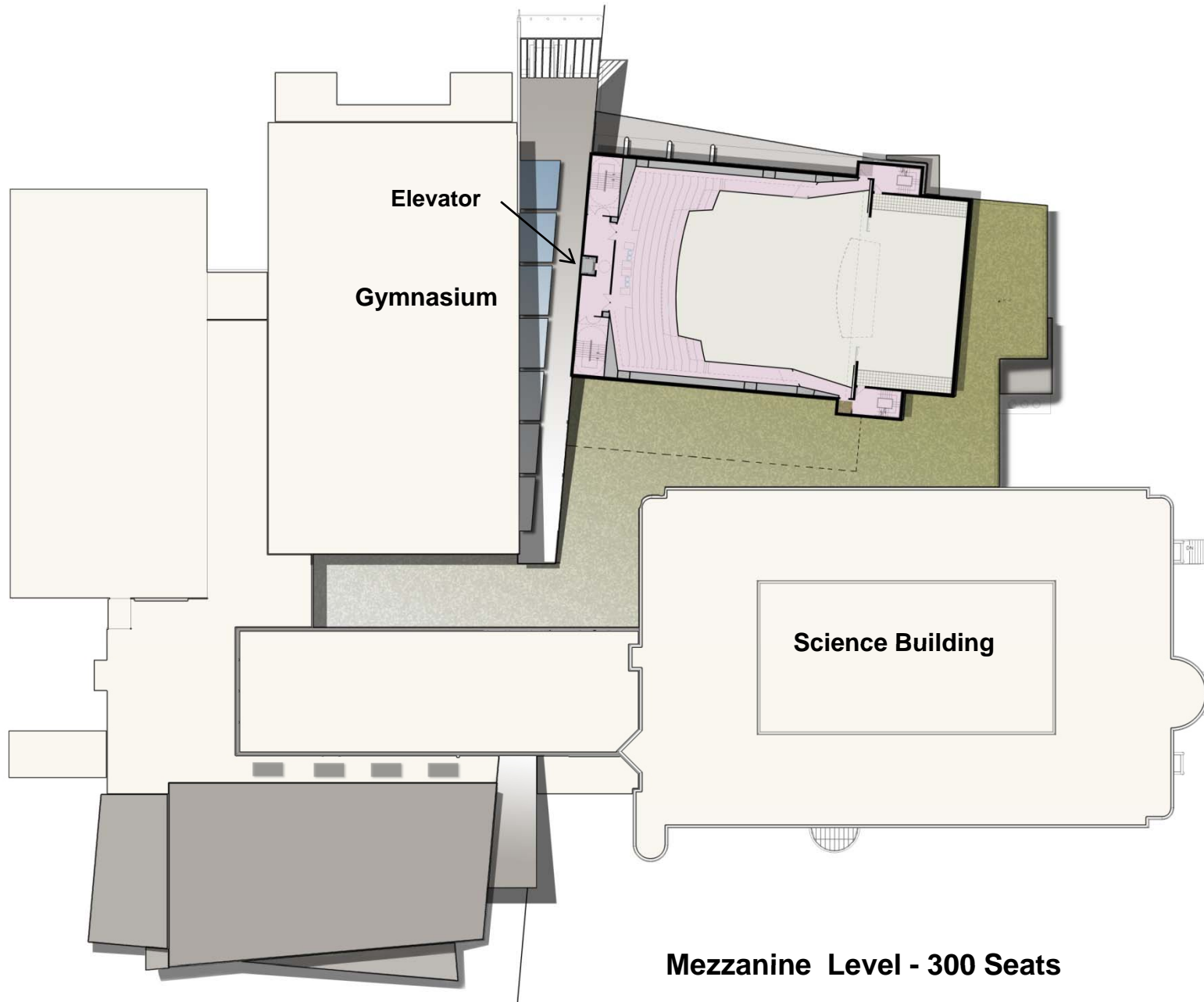


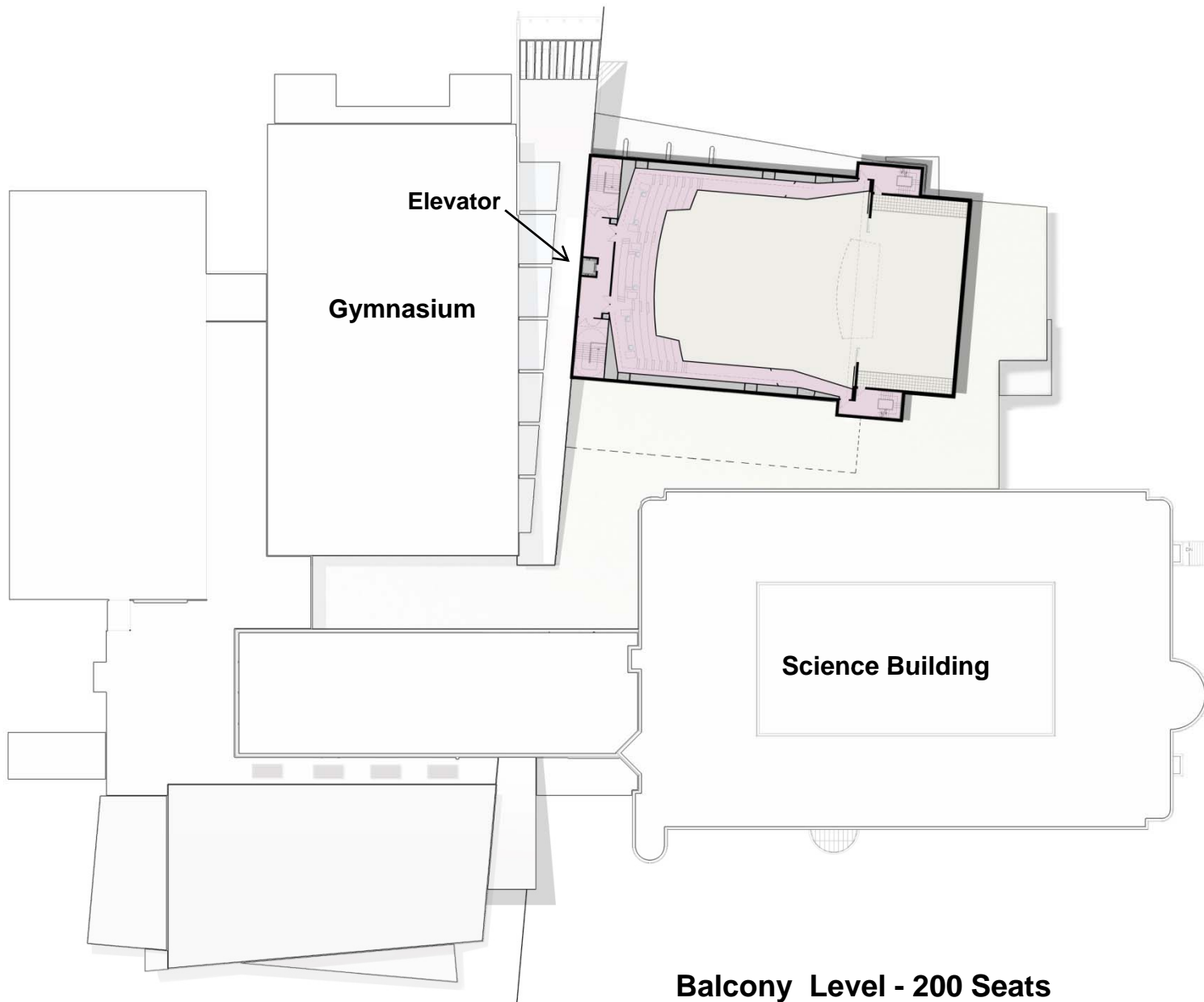
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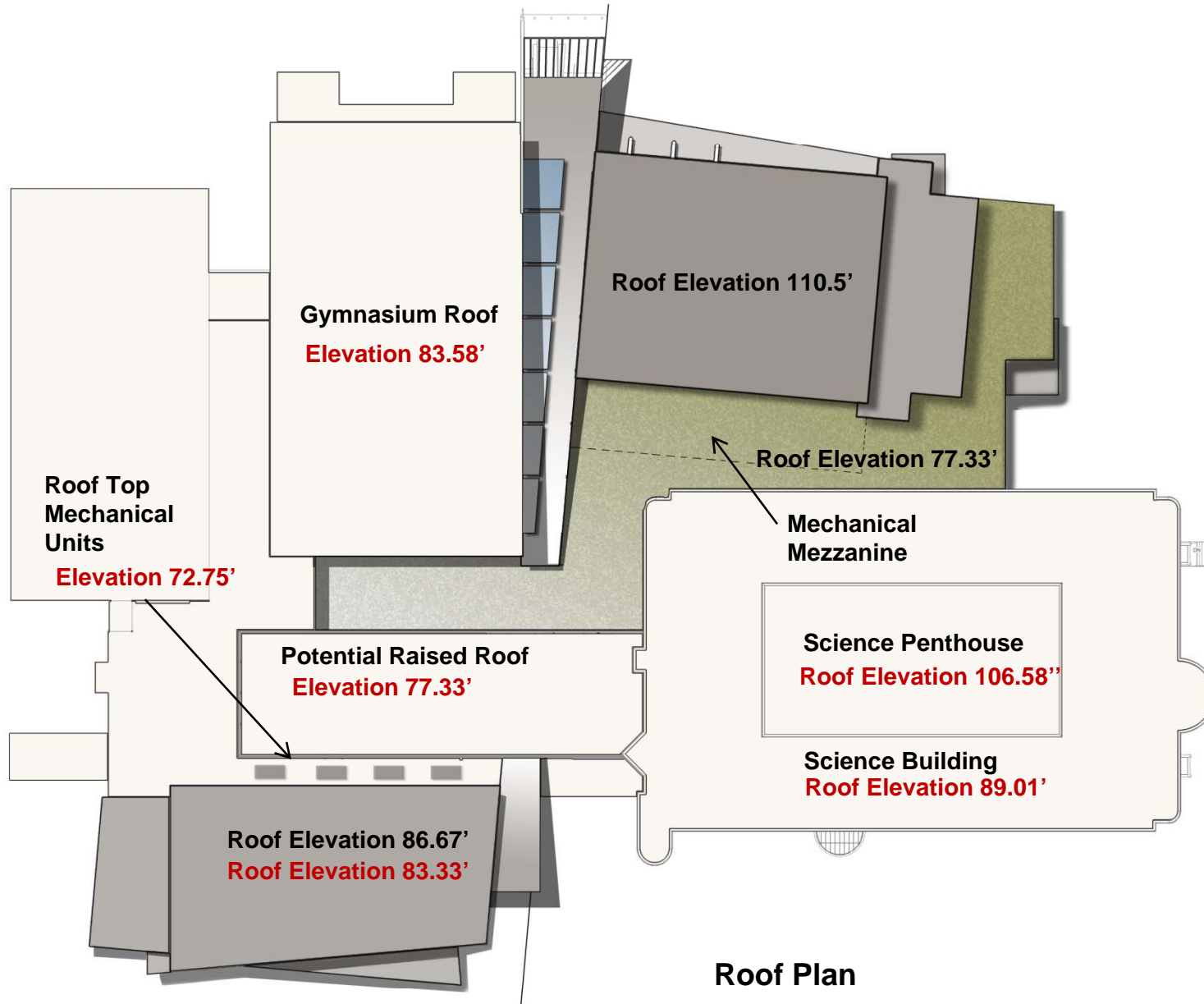


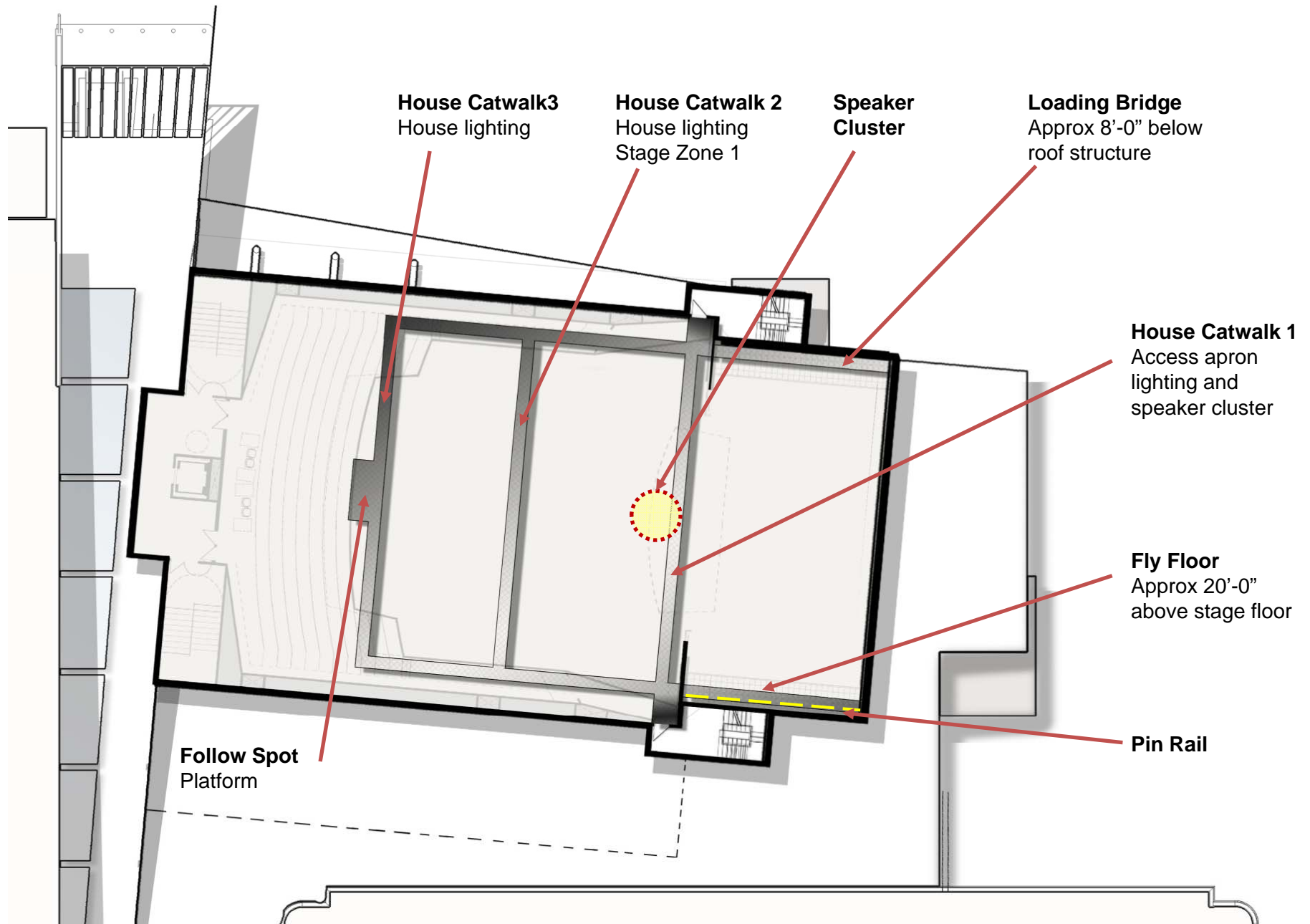


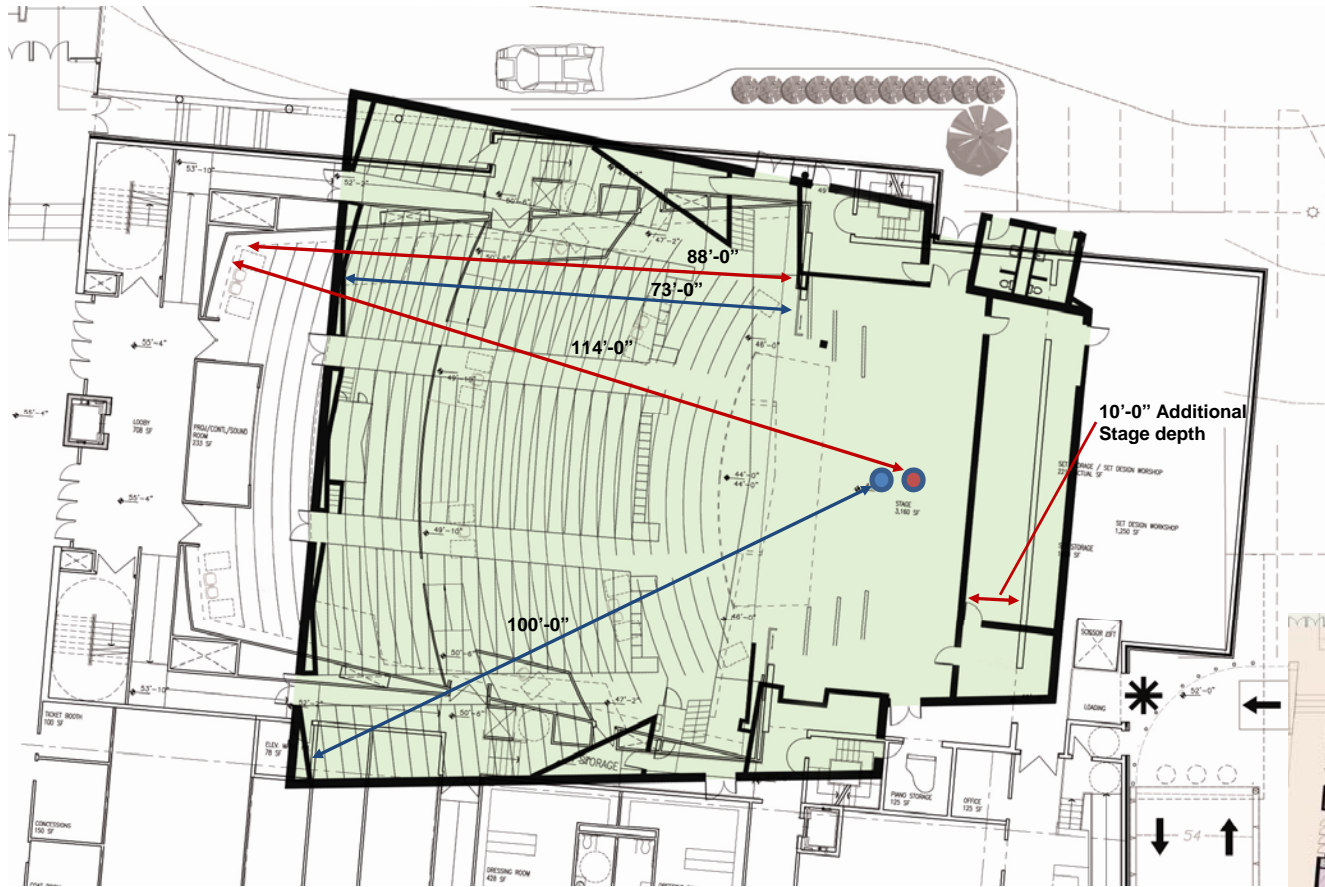












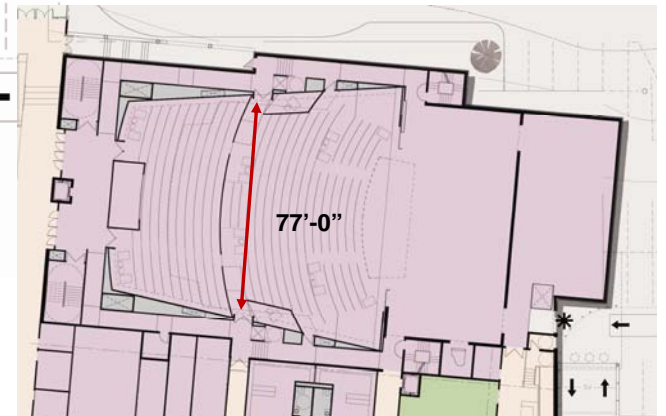
Total Existing Seating = 850 Seats

Existing Auditorium

No Dispersed HCSeating

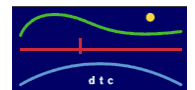
Sightline Concerns

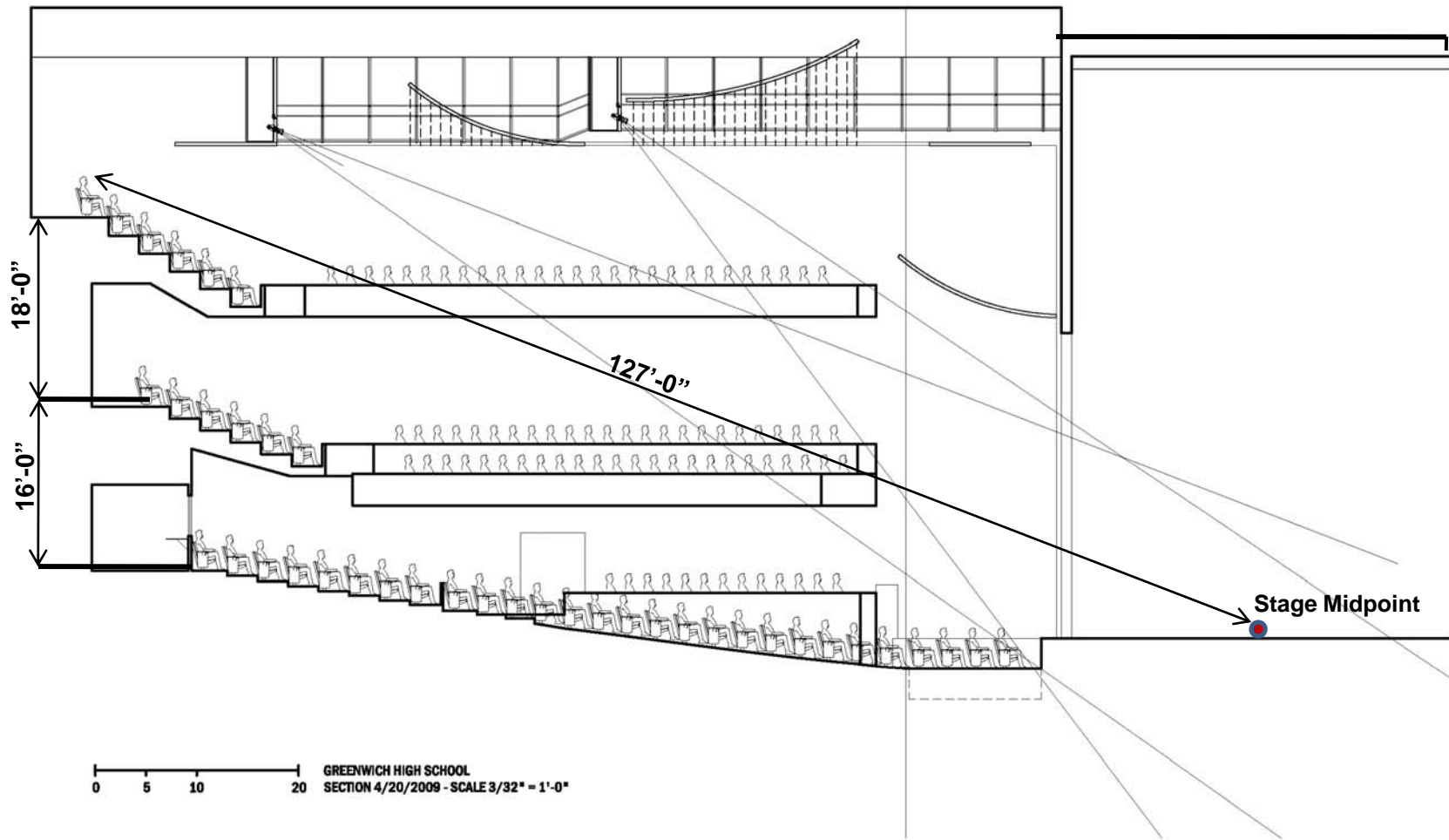
60'-0" Existing Proscenium Opening



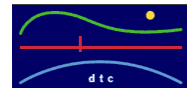
Total Proposed Seating = 825 Seats

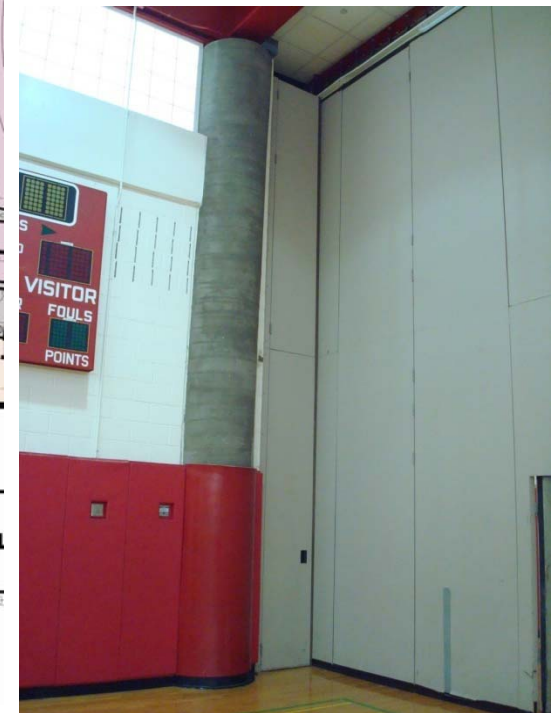
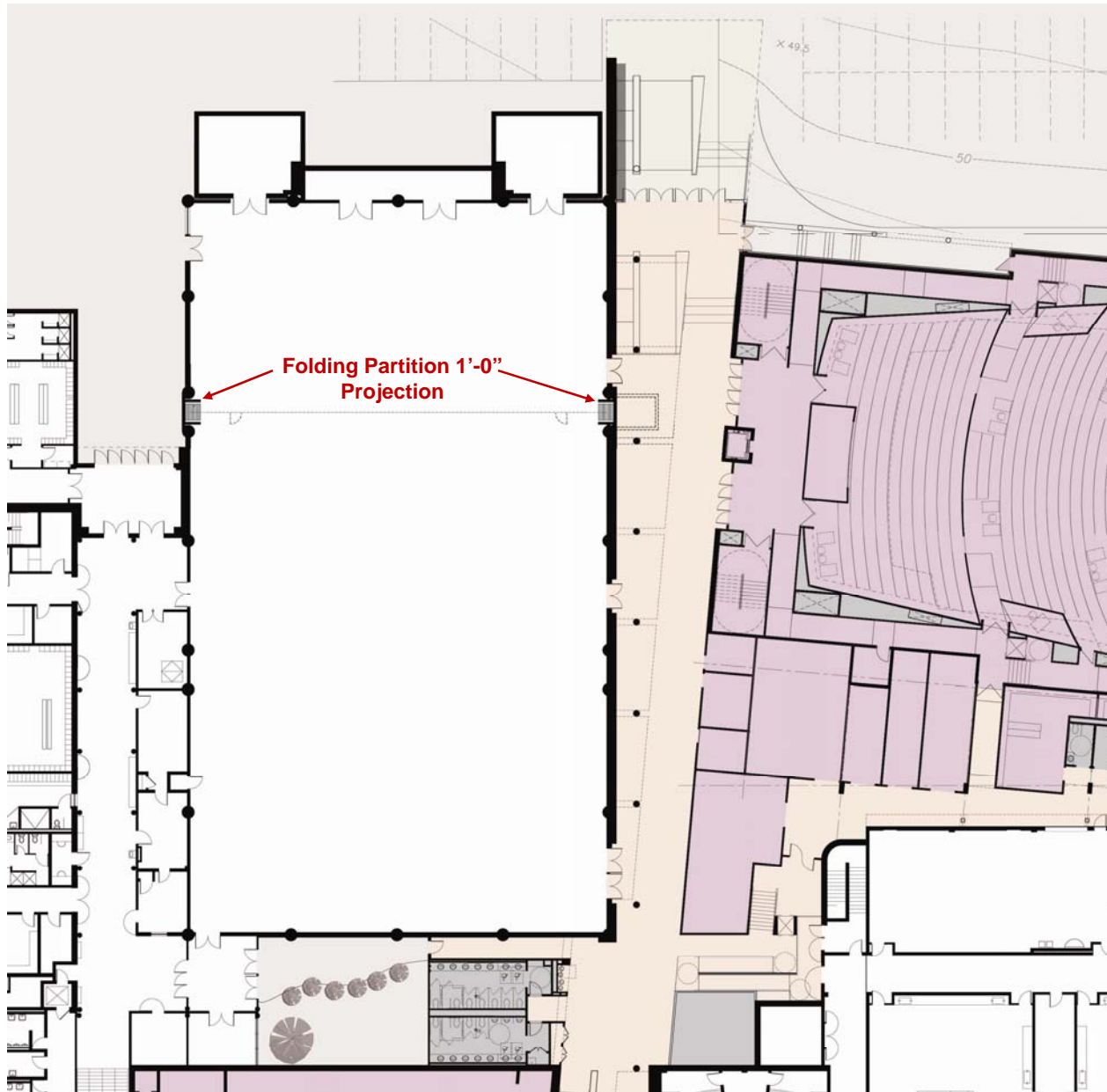
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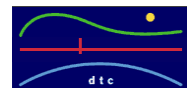


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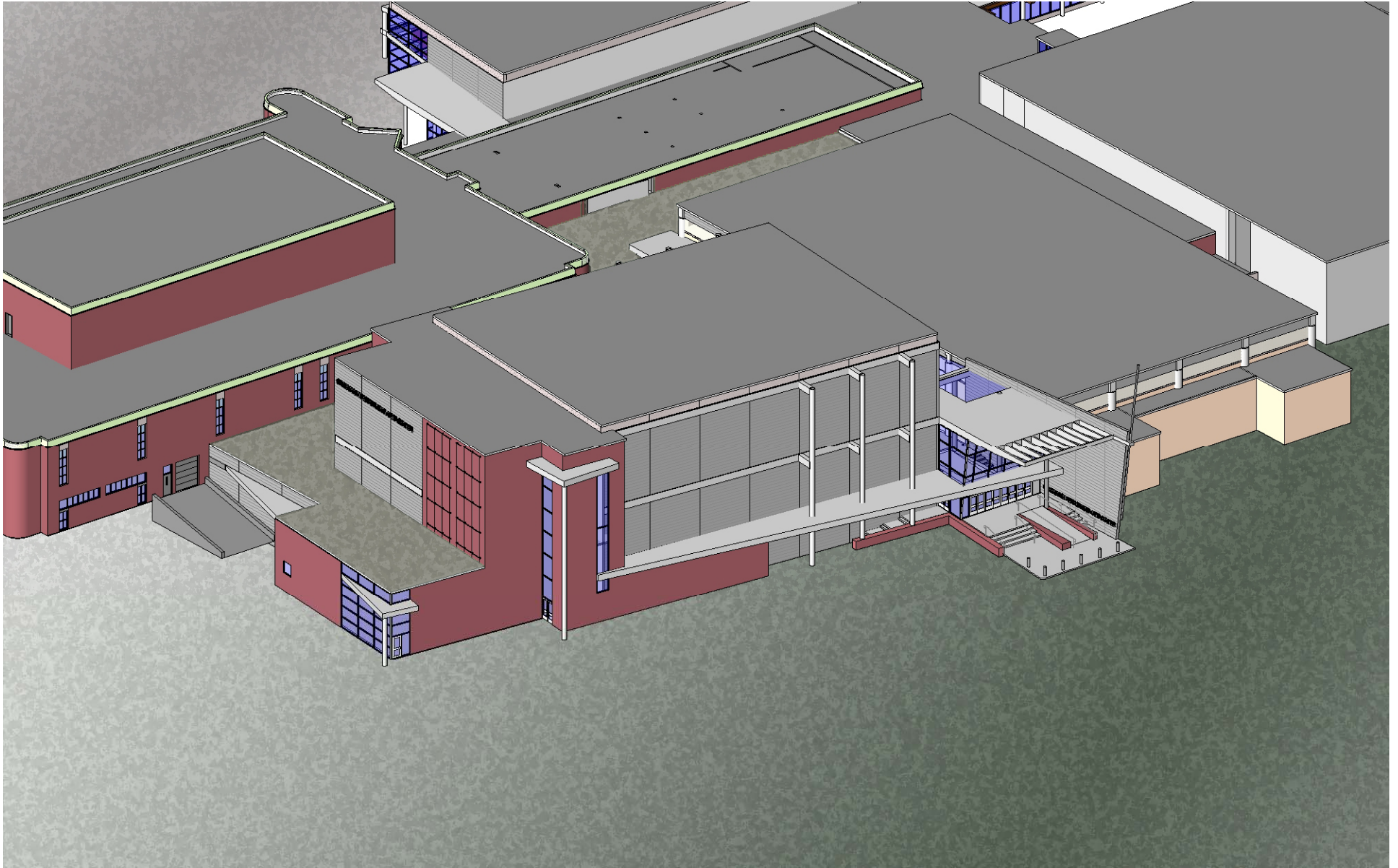




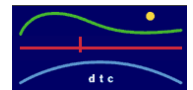
Music - New Addition

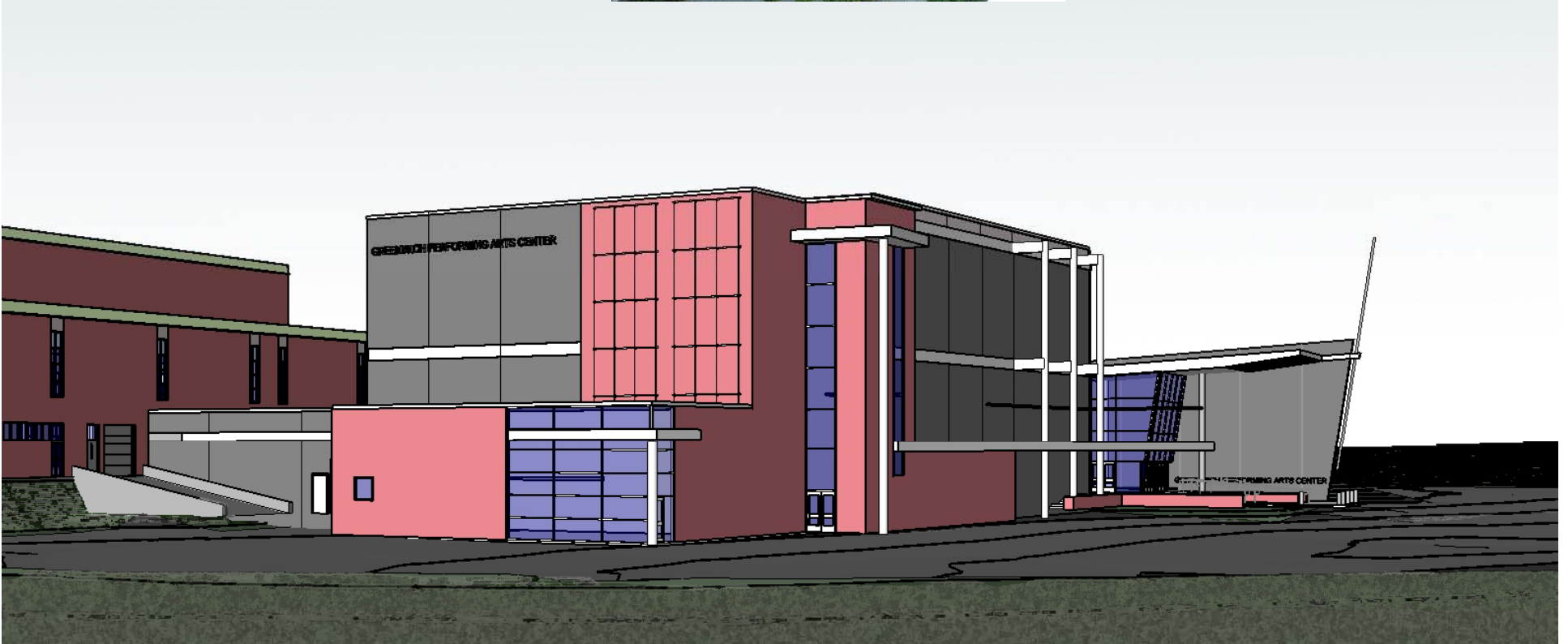


Music - Renovation

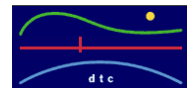


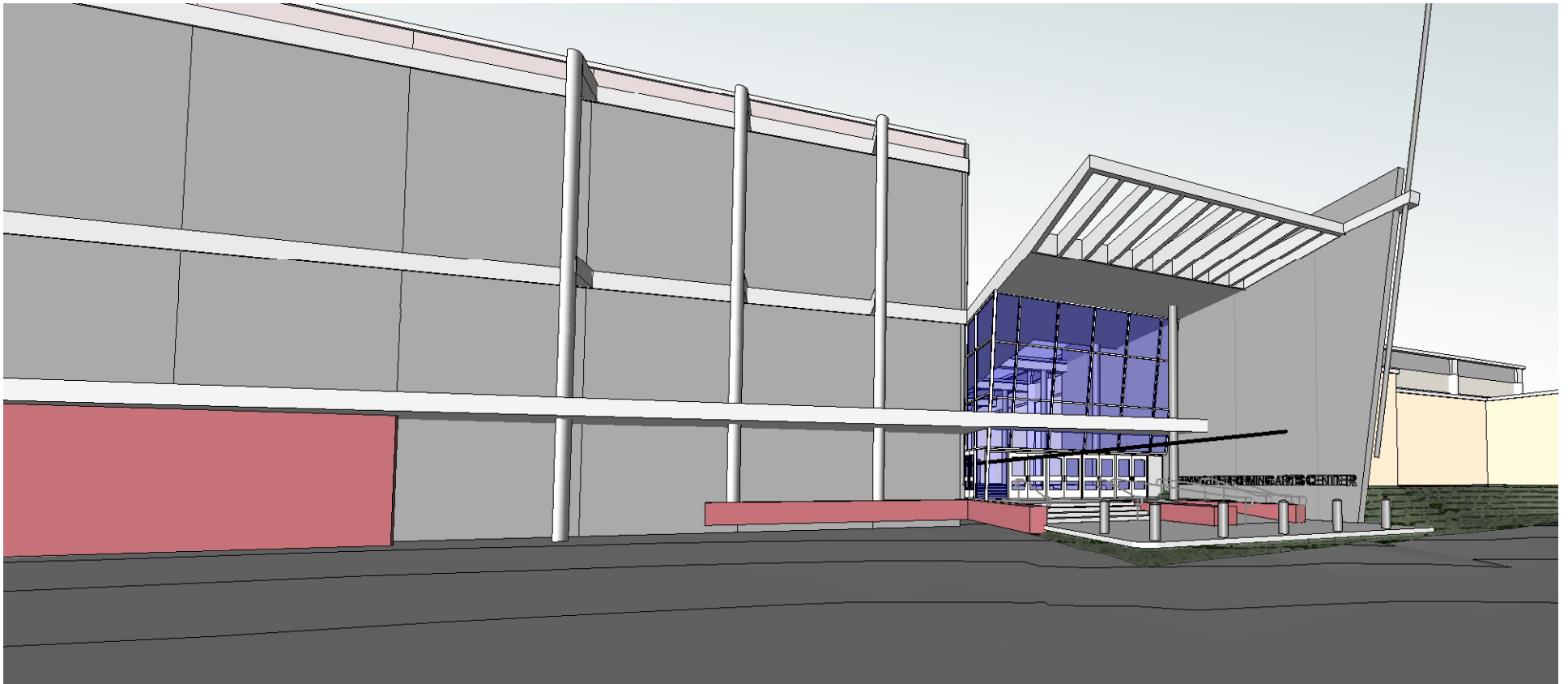
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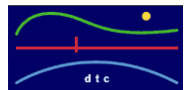


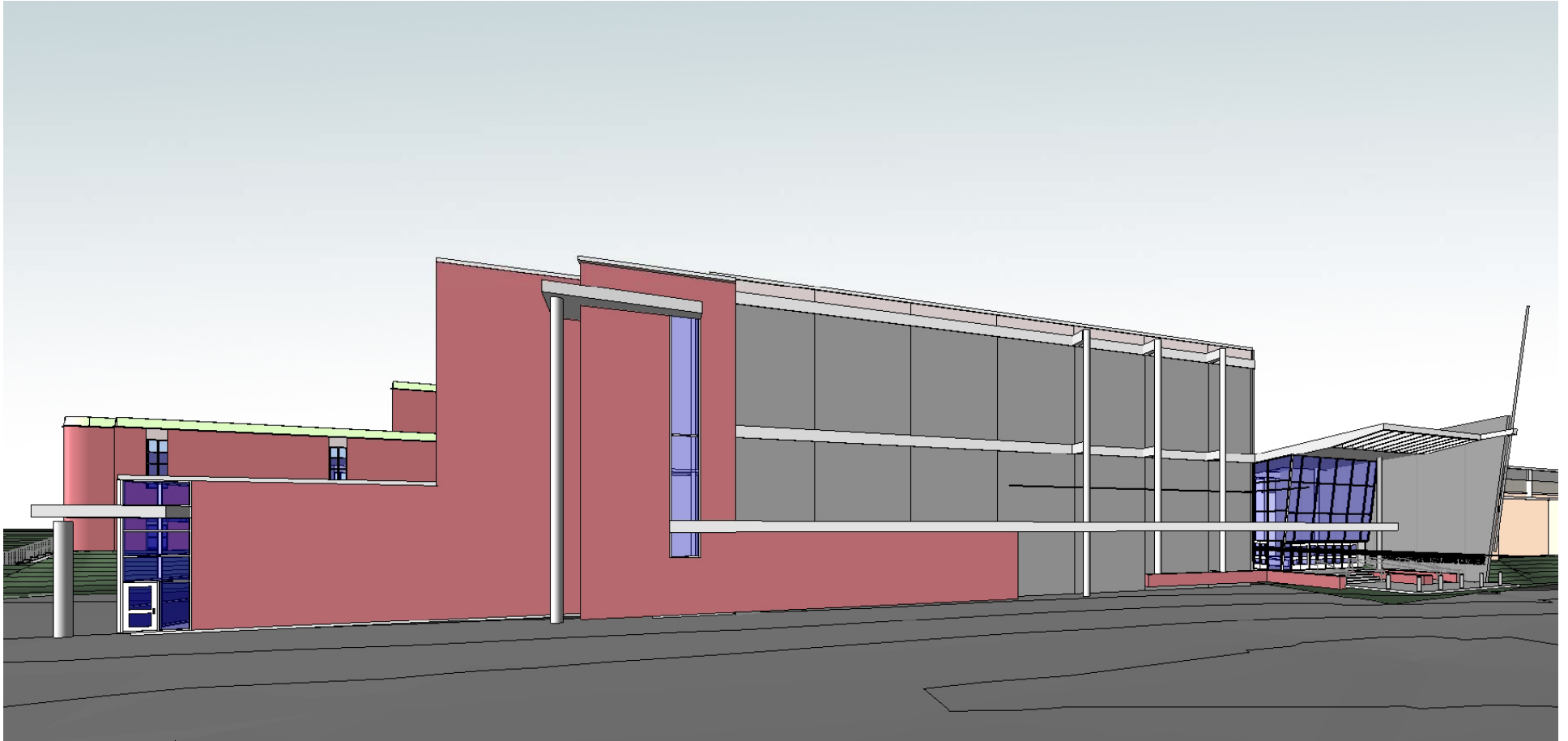
PERKINS + WILL



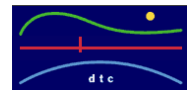


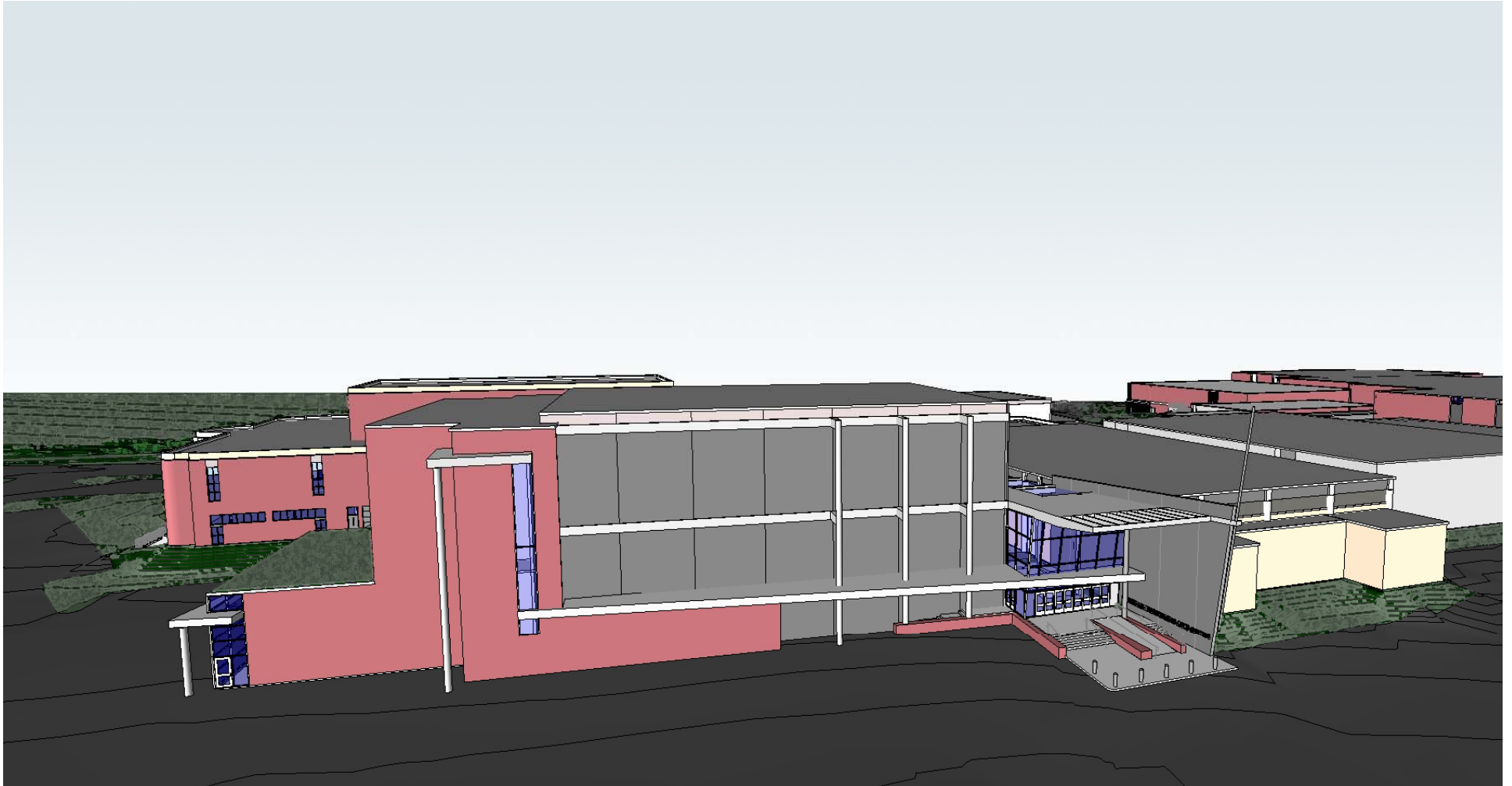
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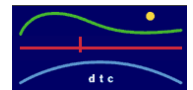


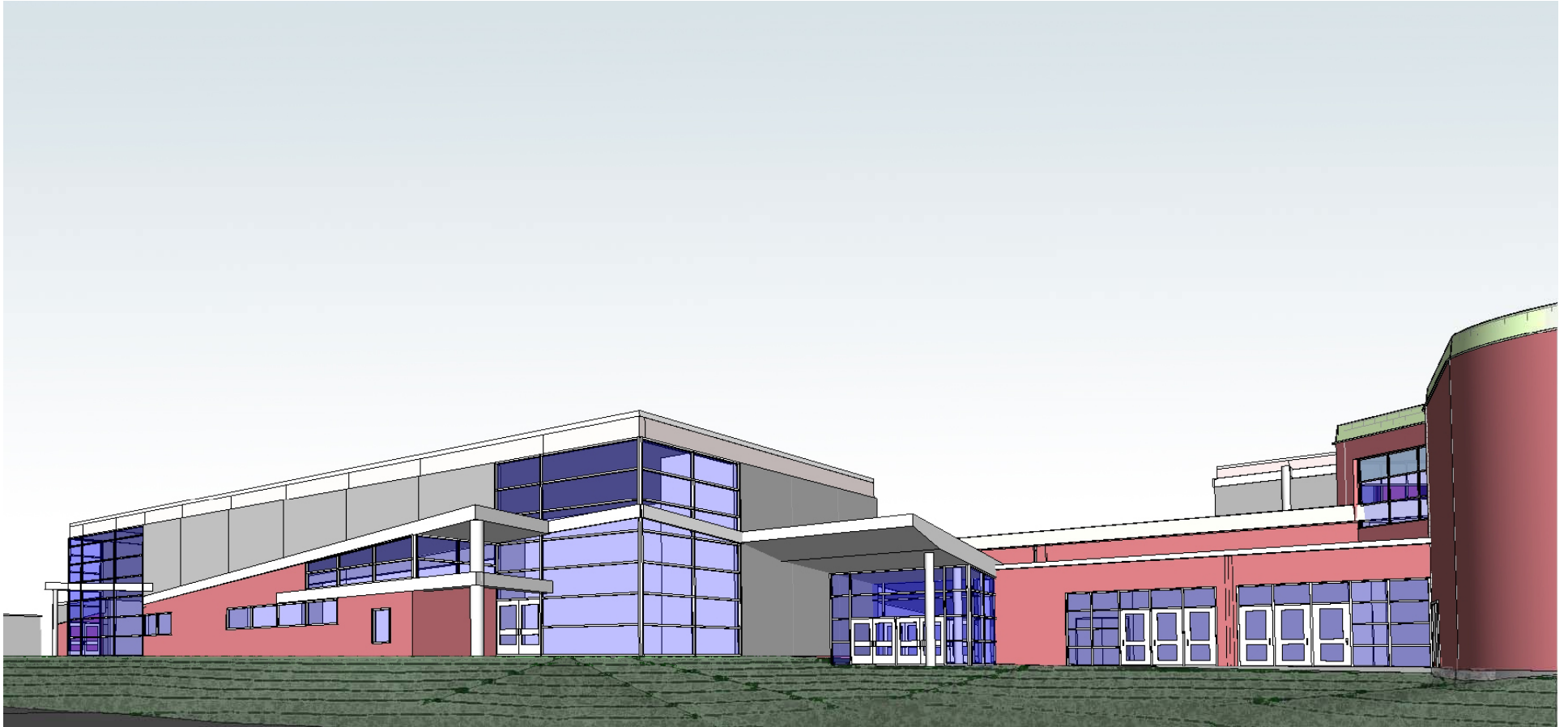
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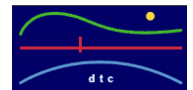


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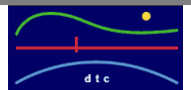


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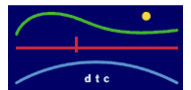


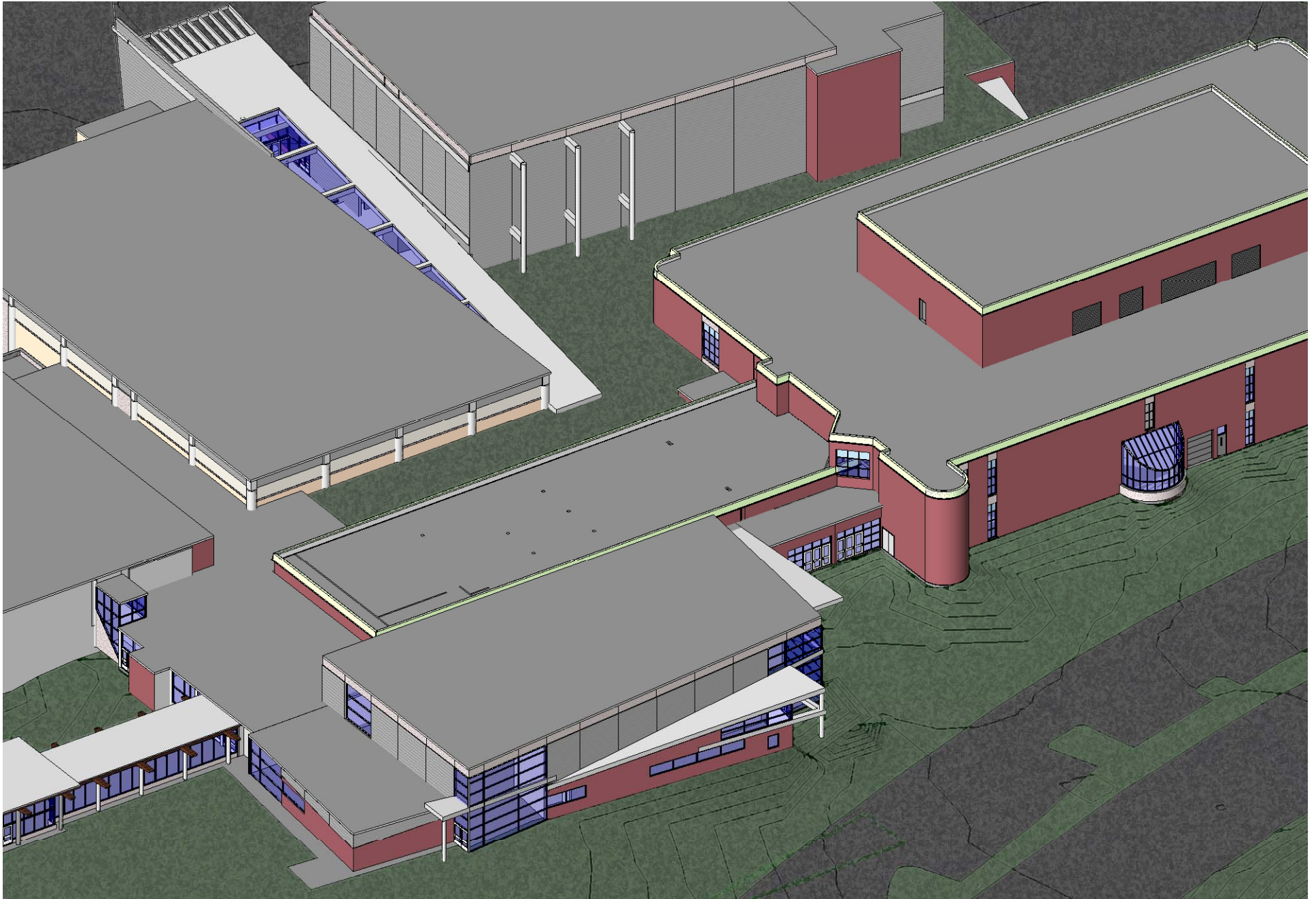
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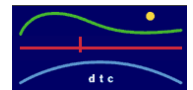


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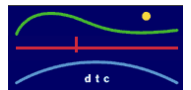


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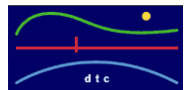


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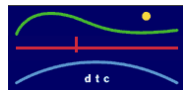


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May 11, 2009



LEED for Schools 2007 Registered Project Checklist

Project Name: GHS Music Instructional Space & Auditorium

Project Address: 10 Hillside Rd, Greenwich, CT 06860

Yes	?	No		
44	13	22	Project Totals (Pre-Certification Estimates)	79 Points
GOLD			Certified: 29-36 points	Silver: 37-43 points
			Gold: 44-57 points	Platinum: 58-79 points

Yes	?	No		
7	6	3	Sustainable Sites	16 Points
Yes			Prereq 1	Construction Activity Pollution Prevention
Yes			Prereq 2	Environmental Site Assessment
0	1		Credit 1	Site Selection
0	1		Credit 2	Development Density & Community Connectivity
		1	Credit 3	Brownfield Redevelopment
0	1		Credit 4.1	Alternative Transportation, Public Transportation
1			Credit 4.2	Alternative Transportation, Bicycle Use
1			Credit 4.3	Alternative Transportation, Low-Emitting & Fuel Efficient Vehicles
1	0	0	Credit 4.4	Alternative Transportation, Parking Capacity
		1	Credit 5.1	Site Development, Protect or Restore Habitat
	1		Credit 5.2	Site Development, Maximize Open Space
	1		Credit 6.1	Stormwater Design, Quantity Control
	0	1	Credit 6.2	Stormwater Design, Quality Control
1			Credit 7.1	Heat Island Effect, Non-Roof
1			Credit 7.2	Heat Island Effect, Roof
1			Credit 8	Light Pollution Reduction
	1	0	Credit 9	Site Master Plan
1			Credit 10	Joint Use of Facilities



LEED for Schools 2007 Registered Project Checklist

Yes	?	No		
4	1	2	Water Efficiency	7 Points
1			Credit 1.1	Water Efficient Landscaping, Reduce by 50%
1			Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation
1	0		Credit 2	Innovative Wastewater Technologies
1	1	1	Credit 3	Water Use Reduction
			→ Credit 3.1	20% Reduction
			Credit 3.2	30% Reduction
			Credit 3.3	40% Reduction
	0	1	Credit 4	Process Water Use Reduction, 20% Reduction

Yes	?	No		
13	2	2	Energy & Atmosphere	17 Points
Yes			Prereq 1	Fundamental Commissioning of the Building Energy Systems
Yes			Prereq 2	Minimum Energy Performance
Yes			Prereq 3	Fundamental Refrigerant Management
*Note for EAC1: All LEED for Schools projects registered after June 26, 2007 are required to achieve at least two (2) points.				
10	0	0	Credit 1	Optimize Energy Performance
			Credit 1.2	14% New Buildings / 7% Existing Building Renovations
			Credit 1.3	17.5% New Buildings / 10.5% Existing Building Renovations
			Credit 1.4	21% New Buildings / 14% Existing Building Renovations
			Credit 1.5	24.5% New Buildings / 17.5% Existing Building Renovations
			Credit 1.6	28% New Buildings / 21% Existing Building Renovations
			Credit 1.7	31.5% New Buildings / 24.5% Existing Building Renovations
			Credit 1.8	35% New Buildings / 28% Existing Building Renovations
			Credit 1.9	38.5% New Buildings / 31.5% Existing Building Renovations
			→ Credit 1.10	42% New Buildings / 35% Existing Building Renovations
0	1	2	Credit 2	On-Site Renewable Energy
			Credit 2.1	2.5% Renewable Energy
			Credit 2.2	7.5% Renewable Energy
			Credit 2.3	12.5% Renewable Energy
1			Credit 3	Enhanced Commissioning
1	0		Credit 4	Enhanced Refrigerant Management
1			Credit 5	Measurement & Verification
0	1		Credit 6	Green Power

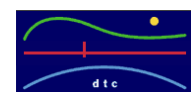
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Last Modified: May 2008 1 of 4

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Last Modified: May 2008 2 of 4

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LEED for Schools 2007 Registered Project Checklist

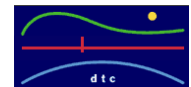
Yes	?	No		
5	1	7	Materials & Resources	13 Points
Yes			Prereq 1	Storage & Collection of Recyclables
0	0	1	Credit 1.1	Building Reuse , Maintain 75% of Existing Walls, Floors & Roof
	0	1	Credit 1.2	Building Reuse , Maintain 95% of Existing Walls, Floors & Roof
	0	1	Credit 1.3	Building Reuse , Maintain 50% of Interior Non-Structural Elements
1	0		Credit 2.1	Construction Waste Management , Divert 50% from Disposal
1		0	Credit 2.2	Construction Waste Management , Divert 75% from Disposal
		1	Credit 3.1	Materials Reuse , 5%
		1	Credit 3.2	Materials Reuse , 10%
1			Credit 4.1	Recycled Content , 10% (post-consumer + 1/2 pre-consumer)
0	1		Credit 4.2	Recycled Content , 20% (post-consumer + 1/2 pre-consumer)
0	0	1	Credit 5.1	Regional Materials , 10% Extracted, Processed & Manufactured
0		1	Credit 5.2	Regional Materials , 20% Extracted, Processed & Manufactured
1	0		Credit 6	Rapidly Renewable Materials
1			Credit 7	Certified Wood



LEED for Schools 2007 Registered Project Checklist

Yes	?	No		
14	2	4	Indoor Environmental Quality	20 Points
Yes			Prereq 1	Minimum IAQ Performance
Yes			Prereq 2	Environmental Tobacco Smoke (ETS) Control
Yes			Prereq 3	Minimum Acoustical Performance
1			Credit 1	Outdoor Air Delivery Monitoring
0	1		Credit 2	Increased Ventilation
1			Credit 3.1	Construction IAQ Management Plan , During Construction
1			Credit 3.2	Construction IAQ Management Plan , Before Occupancy
4			Credit 4	Low-Emitting Materials
1			Credit 5	Indoor Chemical & Pollutant Source Control
1		0	Credit 6.1	Controllability of Systems , Lighting
0		1	Credit 6.2	Controllability of Systems , Thermal Comfort
1			Credit 7.1	Thermal Comfort , Design
1			Credit 7.2	Thermal Comfort , Verification
0	0	3	Credit 8.1	Daylight & Views , Daylight 75% of Spaces
				75% of classrooms (Required for either points below)
				90% of classrooms
				75% of other spaces
	1	0	Credit 8.2	Daylight & Views , Views for 90% of Spaces
1	0		Credit 9	Enhanced Acoustical Performance , 40 dBA / RC level of 32
1	0			Enhanced Acoustical Performance , 35 dBA / RC level of 27
1			Credit 10	Mold Prevention

Yes	?	No		
1	1	4	Innovation & Design Process	6 Points
	0	1	Credit 1.1	Innovation in Design : Water Reduction
		1	Credit 1.2	Innovation in Design : Provide Specific Title
		1	Credit 1.3	Innovation in Design : Provide Specific Title
		1	Credit 1.4	Innovation in Design : Provide Specific Title
1			Credit 2	LEED® Accredited Professional
0	1		Credit 3	School as a Teaching Tool





LEED 2009 for Schools New Construction and Major Renovations Project Scorecard

Project Name:
Project Address:

9 12 3 SUSTAINABLE SITES 24 Points

Y	Prereq 1	Construction Activity Pollution Prevention	Required
Y	Prereq 2	Environmental Site Assessment	Required
1	Credit 1	Site Selection	1
4	Credit 2	Development Density and Community Connectivity	4
2	Credit 3	Brownfield Redevelopment	1
4	Credit 4	Alternative Transportation - Public Transportation Access	4
1	Credit 4.2	Alternative Transportation - Bicycle Storage and Changing Rooms	1
2	Credit 4.3	Alternative Transportation - Low-Emitting and Fuel Efficient Vehicles	2
2	Credit 4.4	Alternative Transportation - Parking Capacity	2
1	Credit 5.1	Site Development - Protect or Restore Habitat	1
1	Credit 5.2	Site Development - Maximize Open Space	1
1	Credit 6.1	Stormwater Design - Quantity Control	1
1	Credit 6.2	Stormwater Design - Quality Control	1
1	Credit 7.1	Heat Island Effect - Nonroof	1
1	Credit 7.2	Heat Island Effect - Roof	1
1	Credit 8	Light Pollution Reduction	1
1	Credit 9	Site Master Plan	1
1	Credit 10	Joint Use of Facilities	1

6 2 3 WATER EFFICIENCY 11 Points

Y	Prereq 1	Water Use Reduction	Required
4	Credit 1	Water Efficient Landscaping	2 to 4
		50% Reduction	2
		No Potable Water Use or Irrigation	4
2	Credit 2	Innovative Wastewater Technologies	2
2	Credit 3	Water Use Reduction	2 to 4
		30% Reduction	2
		35% Reduction	3
		40% Reduction	4
	Credit 4	Process Water Use Reduction	1

24 2 7 ENERGY & ATMOSPHERE 33 Points

Y	Prereq 1	Fundamental Commissioning of Building Energy Systems	Required
Y	Prereq 2	Minimum Energy Performance	Required
Y	Prereq 3	Fundamental Refrigerant Management	Required
11	Credit 1	Optimize Energy Performance	1 to 19
		Improve by 12% for New Buildings or 6% for Existing Building Renovations	1
		Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
		Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
		Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
		Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
		Improve by 22% for New Buildings or 18% for Existing Building Renovations	6
		Improve by 24% for New Buildings or 20% for Existing Building Renovations	7
		Improve by 26% for New Buildings or 22% for Existing Building Renovations	8
		Improve by 28% for New Buildings or 24% for Existing Building Renovations	9
		Improve by 30% for New Buildings or 26% for Existing Building Renovations	10
		Improve by 32% for New Buildings or 28% for Existing Building Renovations	11
		Improve by 34% for New Buildings or 30% for Existing Building Renovations	12
		Improve by 36% for New Buildings or 32% for Existing Building Renovations	13
		Improve by 38% for New Buildings or 34% for Existing Building Renovations	14
		Improve by 40% for New Buildings or 36% for Existing Building Renovations	15
		Improve by 42% for New Buildings or 38% for Existing Building Renovations	16
		Improve by 44% for New Buildings or 40% for Existing Building Renovations	17
		Improve by 46% for New Buildings or 42% for Existing Building Renovations	18
		Improve by 48% for New Buildings or 44% for Existing Building Renovations	19
	Credit 2	On-Site Renewable Energy	1 to 7
		1% Renewable Energy	1
		3% Renewable Energy	2
		5% Renewable Energy	3
		7% Renewable Energy	4
		9% Renewable Energy	5
		11% Renewable Energy	6
		13% Renewable Energy	7
2	Credit 3	Enhanced Commissioning	2
1	Credit 4	Enhanced Refrigerant Management	1
2	Credit 5	Measurement and Verification	2
2	Credit 6	Green Power	2



LEED 2009 for Schools New Construction and Major Renovations Project Scorecard

Project Name:
Project Address:

5 1 7 MATERIALS & RESOURCES 13 Points

Y	Prereq 1	Storage and Collection of Recyclables	Required
2	Credit 1.1	Building Reuse - Maintain Existing Walls, Floors and Roof	1 to 2
		Reuse 75%	1
		Reuse 95%	2
2	Credit 1.2	Building Reuse - Maintain Interior Non-Structural Elements	1
2	Credit 2	Construction Waste Management	1 to 2
		50% Recycled or Salvaged	1
		75% Recycled or Salvaged	2
2	Credit 3	Materials Reuse	1 to 2
		5% Reuse	1
		10% Reuse	2
1	Credit 4	Recycled Content	1 to 2
		10% of Content	1
		20% of Content	2
2	Credit 5	Regional Materials	1 to 2
		10% of Materials	1
		20% of Materials	2
1	Credit 6	Rapidly Renewable Materials	1
1	Credit 7	Certified Wood	1

13 2 4 INDOOR ENVIRONMENTAL QUALITY 19 Points

Y	Prereq 1	Minimum Indoor Air Quality Performance	Required
Y	Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
Y	Prereq 3	Minimum Acoustical Performance	Required
1	Credit 1	Outdoor Air Delivery Monitoring	1
1	Credit 2	Increased Ventilation	1
1	Credit 3.1	Construction Indoor Air Quality Management Plan - During Construction	1
1	Credit 3.2	Construction Indoor Air Quality Management Plan - Before Occupancy	1
4	Credit 4	Low-Emitting Materials	Up to 4
		4.1 - Adhesives & Sealants	1
		4.2 - Paints & Coatings	1
		4.3 - Roofing Systems	1
		4.4 - Composite Wood & Agglomerate Products	1
		4.5 - Furniture & Furnishings	1
		4.6 - Ceiling & Wall Systems	1
1	Credit 5	Indoor Chemical and Pollutant Source Control	1
1	Credit 6.1	Controllability of Systems - Lighting	1
1	Credit 6.2	Controllability of Systems - Thermal Comfort	1
1	Credit 7.1	Thermal Comfort - Design	1
1	Credit 7.2	Thermal Comfort - Verification	1
1	Credit 8.1	Daylight and Views	1 to 3
		75% of classrooms	1
		80% of classrooms	2
		75% of other spaces	2 to 3
1	Credit 8.2	Daylight and Views - Views	1
1	Credit 9	Enhanced Acoustical Performance	1
1	Credit 10	Mold Prevention	1

1 1 4 INNOVATION IN DESIGN 6 Points

2	Credit 1	Innovation in Design	1 to 4
		Innovation or Exemplary Performance	1
		Innovation or Exemplary Performance	1
		Innovation or Exemplary Performance	1
		Innovation	1
1	Credit 2	LEED Accredited Professional	1
1	Credit 3	School as a Teaching Tool	1

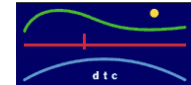
2 2 REGIONAL PRIORITY 4 Points

2	Credit 1	Regional Priority	1 to 4
		Regionally Defined Credit Achieved	1
		Regionally Defined Credit Achieved	1
		Regionally Defined Credit Achieved	1
		Regionally Defined Credit Achieved	1

60 22 28 PROJECT TOTALS (Certification Estimates) 110 Points

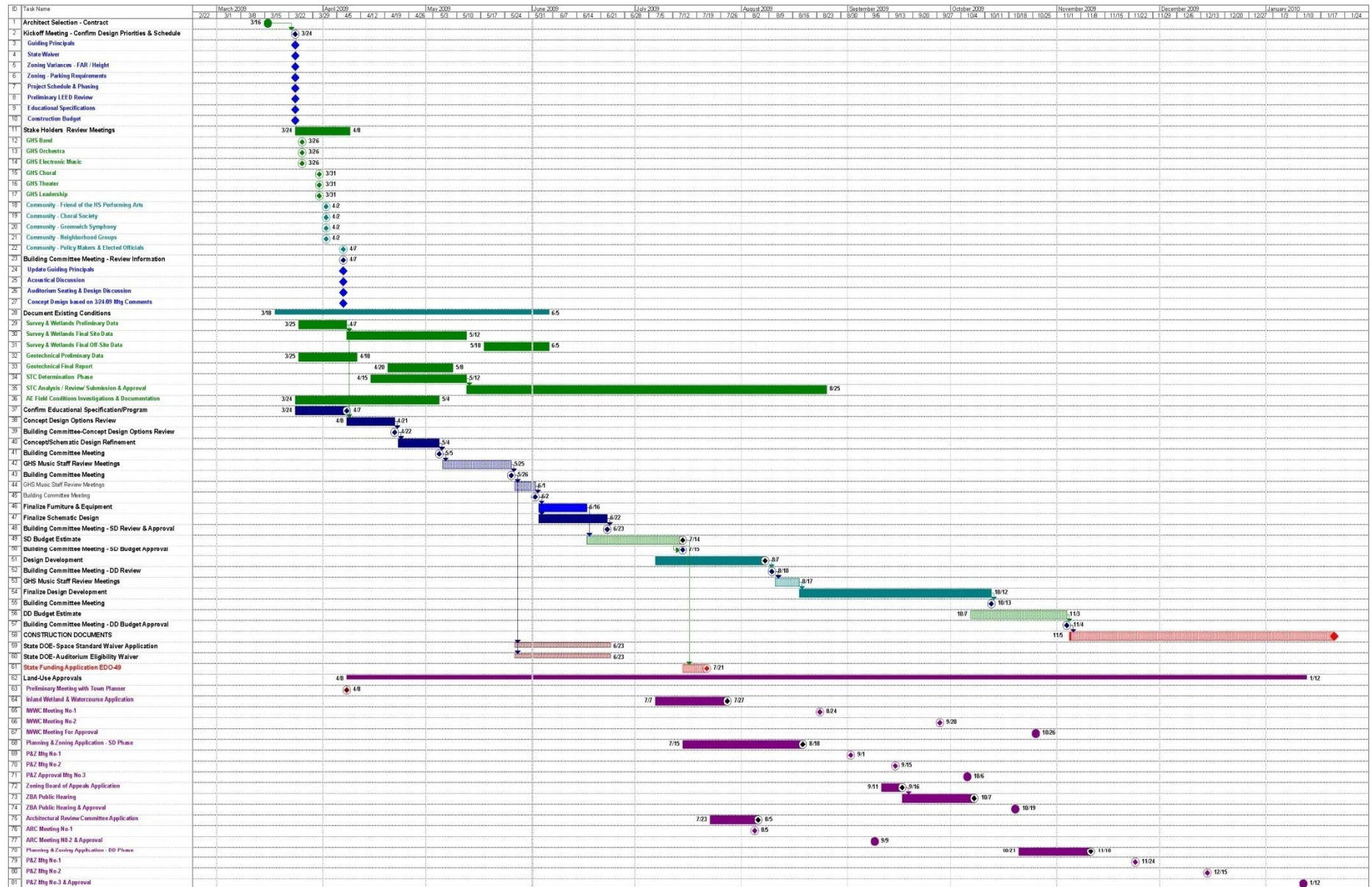
Certified: 41-49 points Silver: 50-59 points Gold: 60-73 points Platinum: 80+ points

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GREENWICH HIGH SCHOOL - AUDITORIUM & MUSIC INSTRUCTION
PRELIMINARY PROJECT SCHEDULE - OPTION A-1 - Rev Four

Mon 8/1/09 1



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