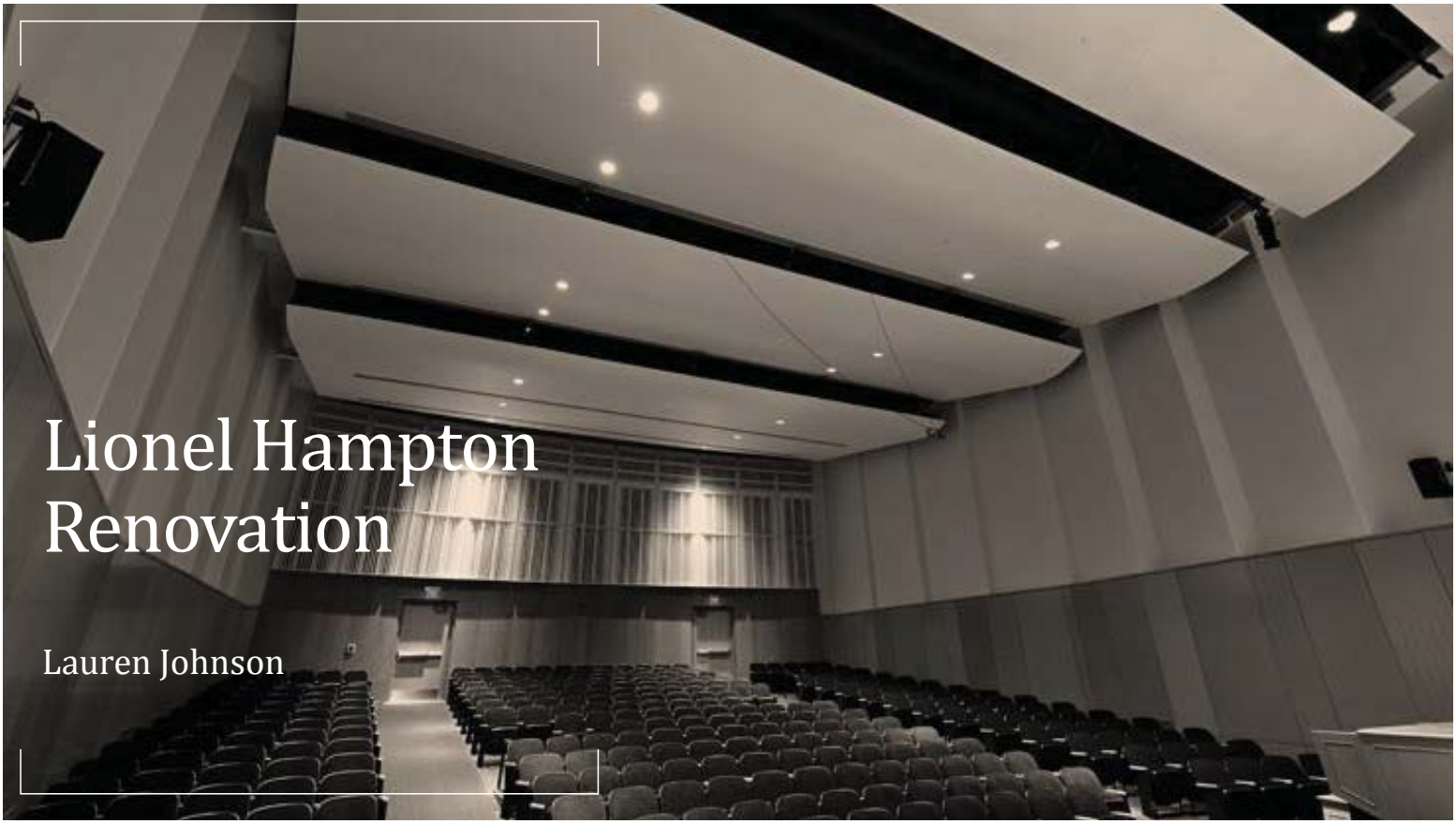
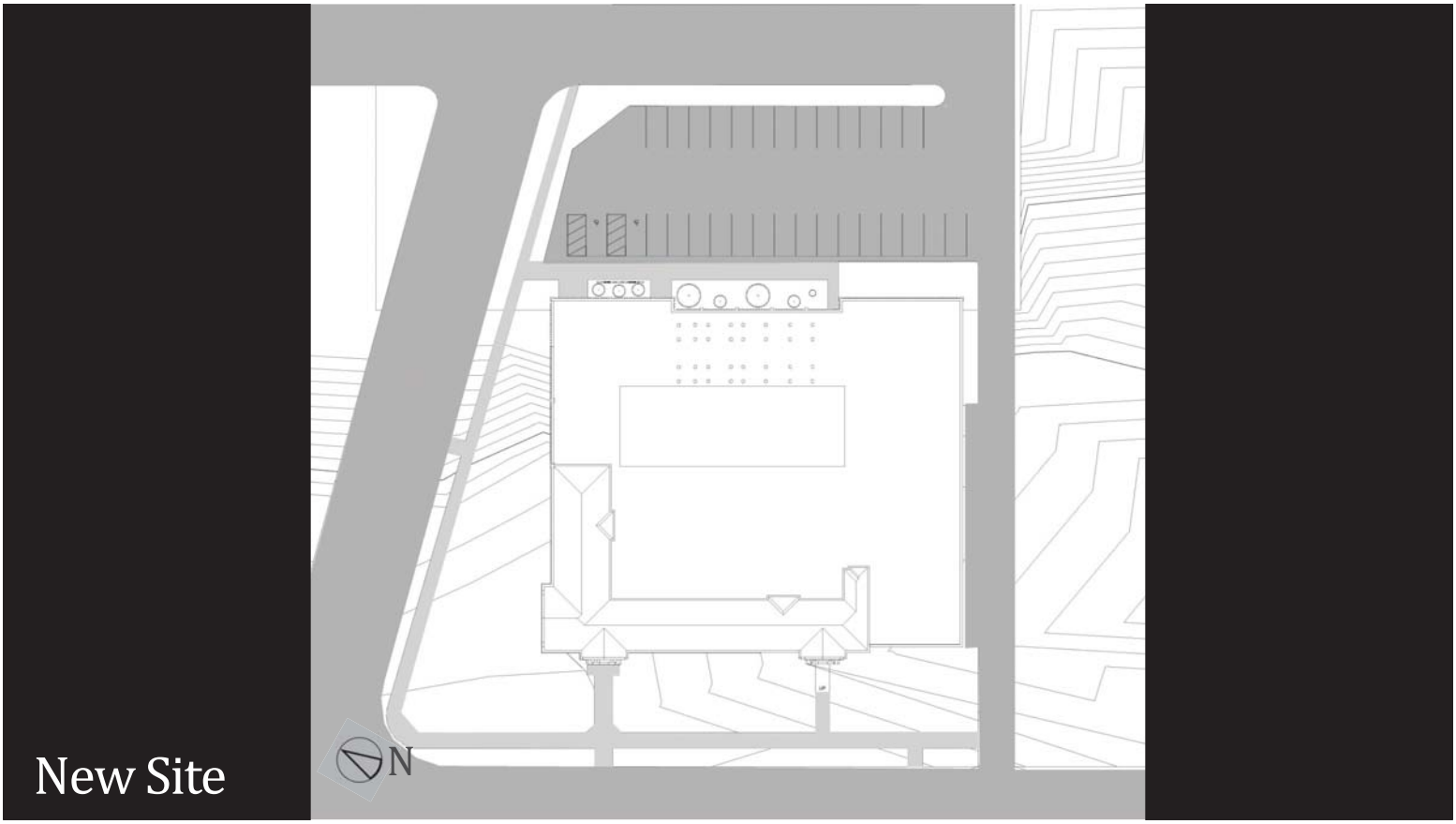


Lionel Hampton Renovation

Lauren Johnson

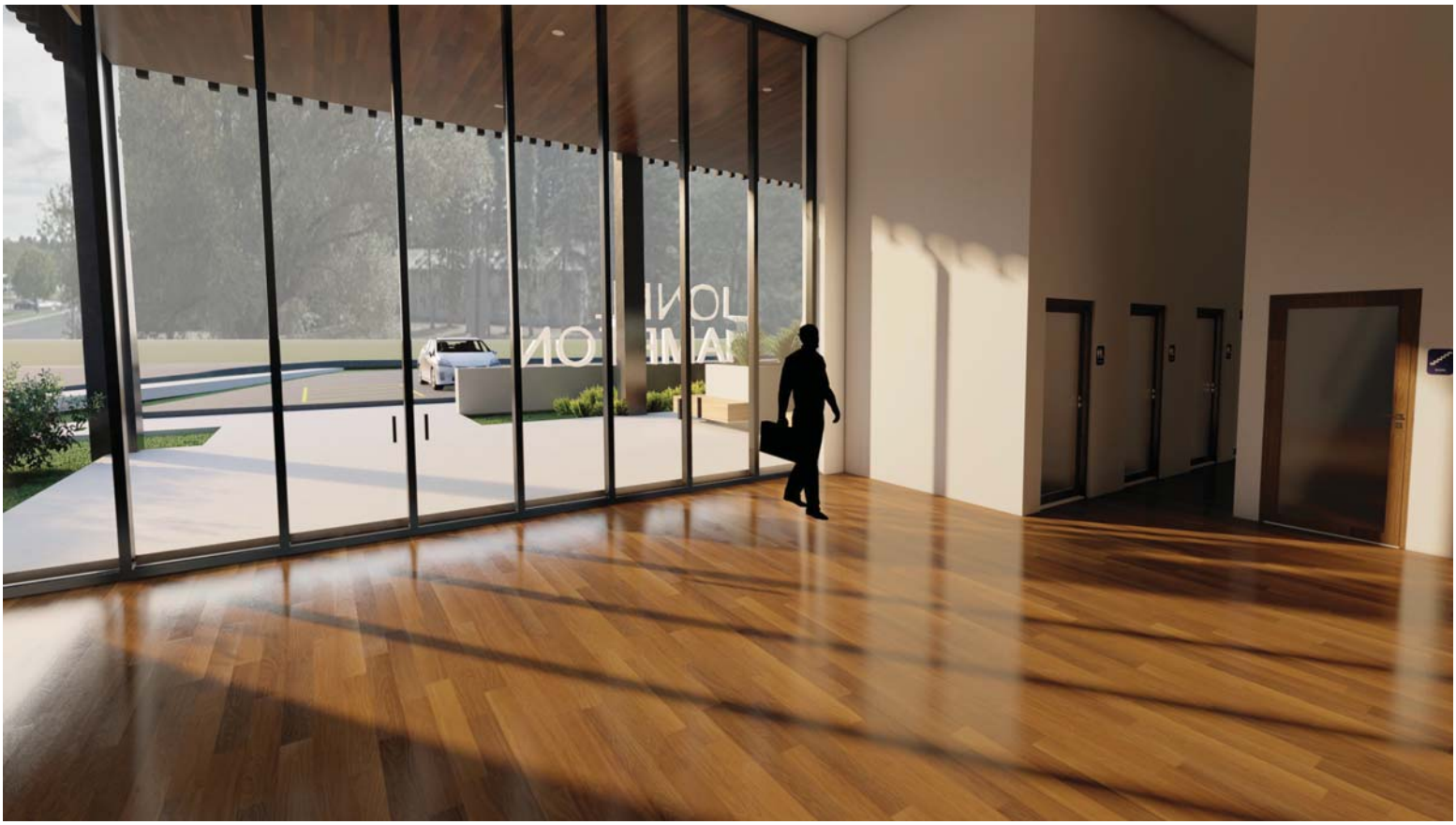
Current Issues

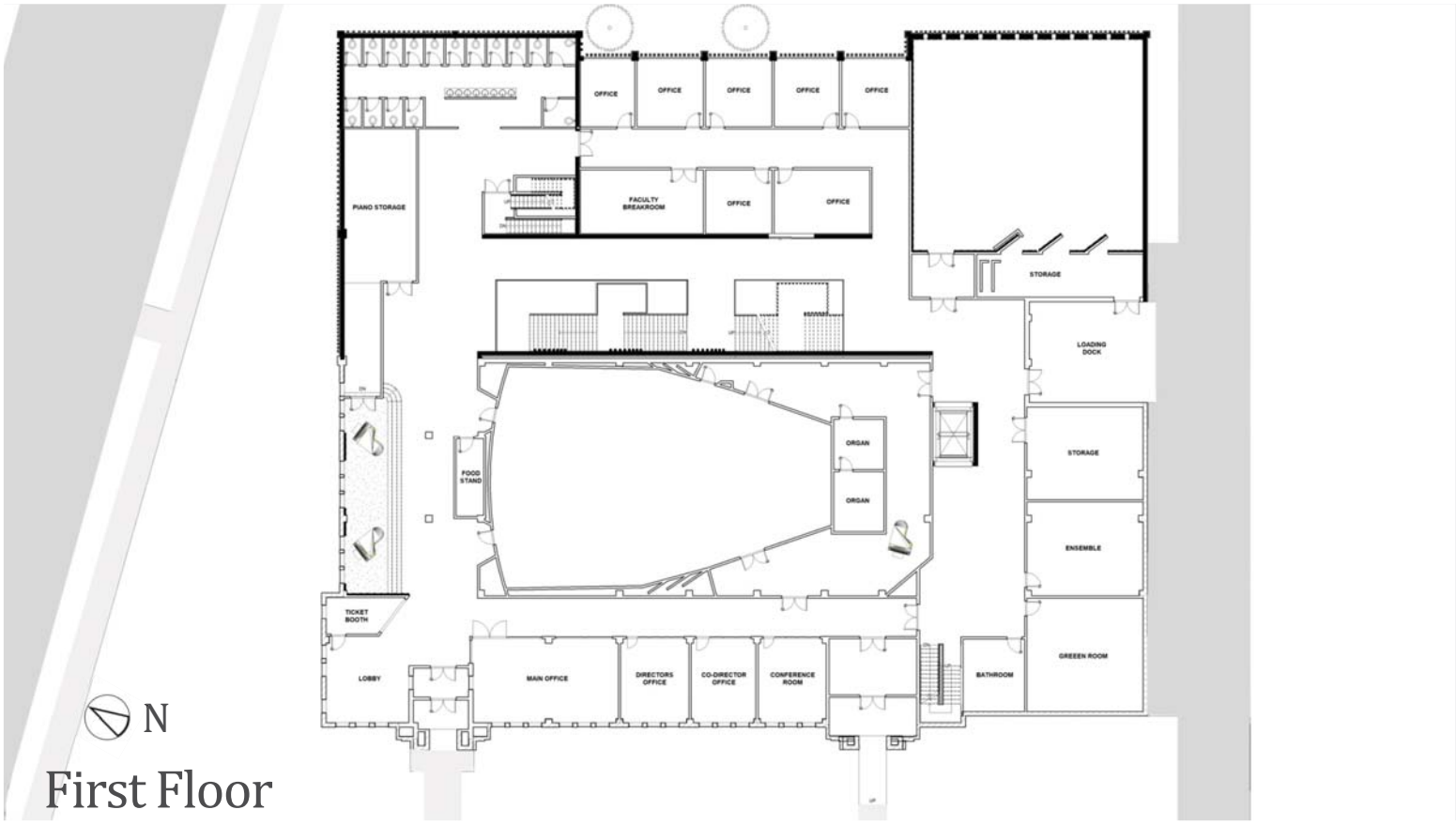
- Limited Bathrooms
- Not Enough Offices
- Conference Room
- Rehearsal Hall
- Overall Update to Facilities



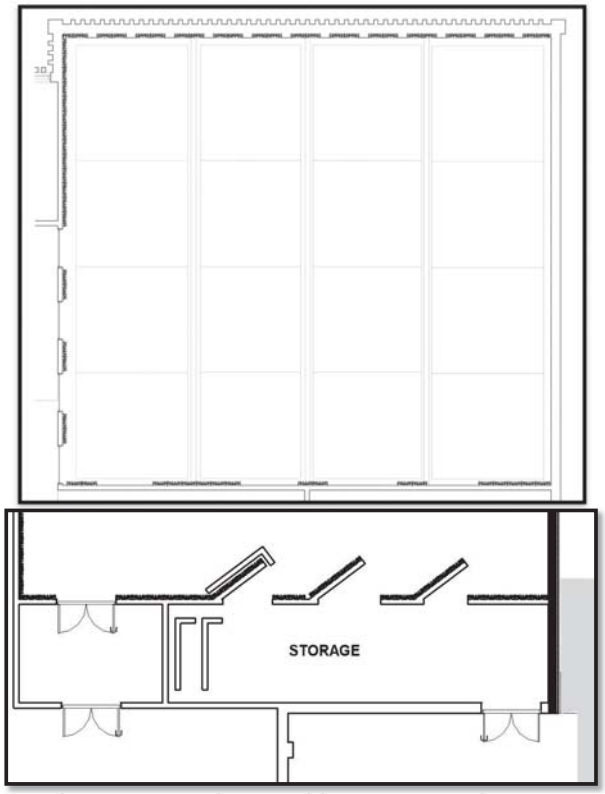
New Site

Basement





First Floor

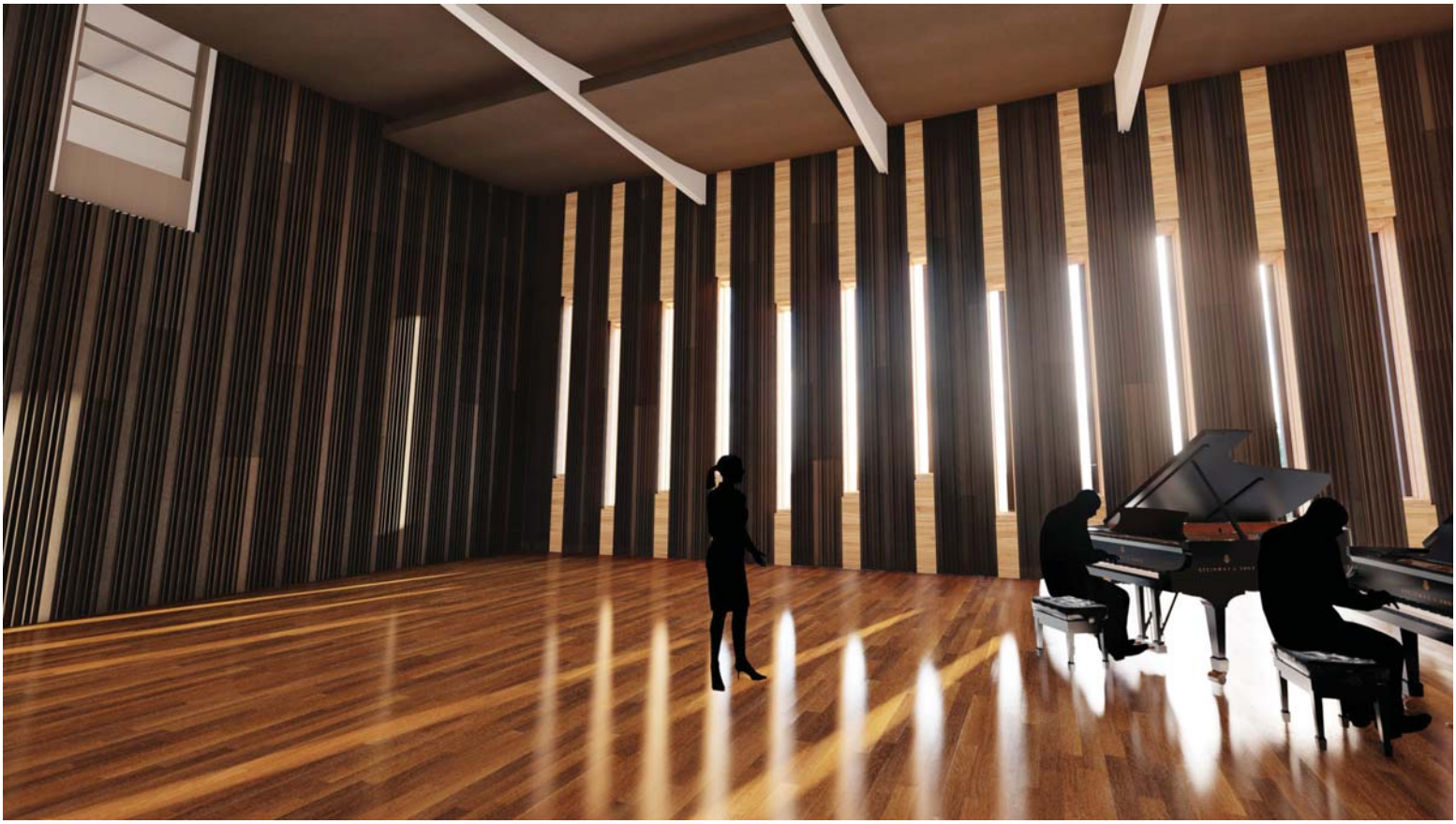


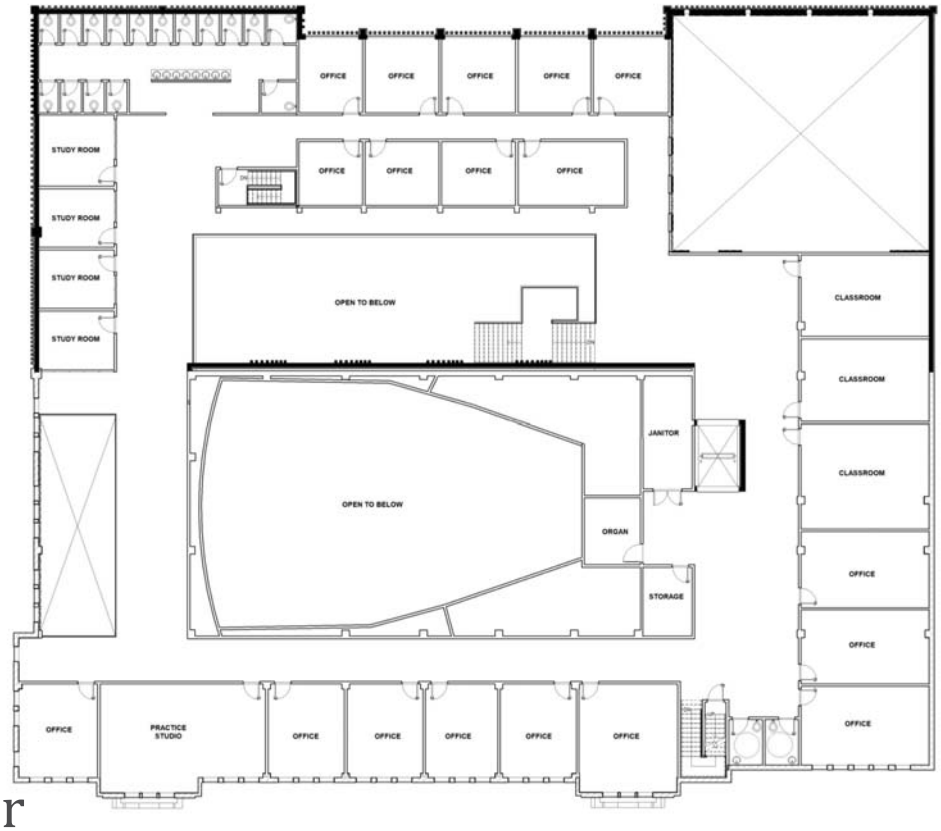
Room(Full Occupancy)@ 500 Hz				
Surface	Material	Area (sq. ft)	Absorbency	Absorption(S)
Ceiling	Gypsum Bd.	2376	0.05	118.8
Ceiling, Reflector/Diffuser	KINECTICS Ovation	1920	0.15	288
Side Wall	Gypsum Bd.	1175	0.05	58.75
Walls, Diffusion	KINECTICS Midtones Wood Diffusers	1914.07	0.79	1512.1153
Walls, Absorbtion	KINECTICS Alto Absorbsion Panels	1300	0.9	1170
Rear Wall,balcony	Heavy carpet	0	0.63	0
Aisles	Carpet on concrete	0	0.14	0
Orchestra Pit & Apron	Wood	0	0.1	0
Stage Opening	(furinished)	0	0.5	0
Audience	seated in upholstered seats	0	0.8	0
	Volume (cu. Ft.)	**Total Abosrption**		3147.6653
Room Volume	58531.11	**Reverbation Time**		0.91

Movable Absorption Covers Additional: 718.8 Sq. Ft.

Room(Full Occupancy)@ 500 Hz				
Surface	Material	Area (sq. ft)	Absorbency	Absorption(S)
Ceiling	Gypsum Bd.	2376	0.05	118.8
Ceiling, Reflector/Diffuser	KINECTICS Ovation	1920	0.15	288
Side Wall	Gypsum Bd.	1175	0.05	58.75
Walls, Diffusion	KINECTICS Midtones Wood Diffusers	1914.07	0.79	1512.1153
Walls, Absorbtion	KINECTICS Alto Absorbsion Panels	2018.8	0.9	1816.92
Rear Wall,balcony	Heavy carpet	0	0.63	0
Aisles	Carpet on concrete	0	0.14	0
Orchestra Pit & Apron	Wood	0	0.1	0
Stage Opening	(furinished)	0	0.5	0
Audience	seated in upholstered seats	0	0.8	0
	Volume (cu. Ft.)	**Total Abosrption**		3794.5853
Room Volume	58531.11	**Reverbation Time**		0.76

Rehearsal Hall Reverberation





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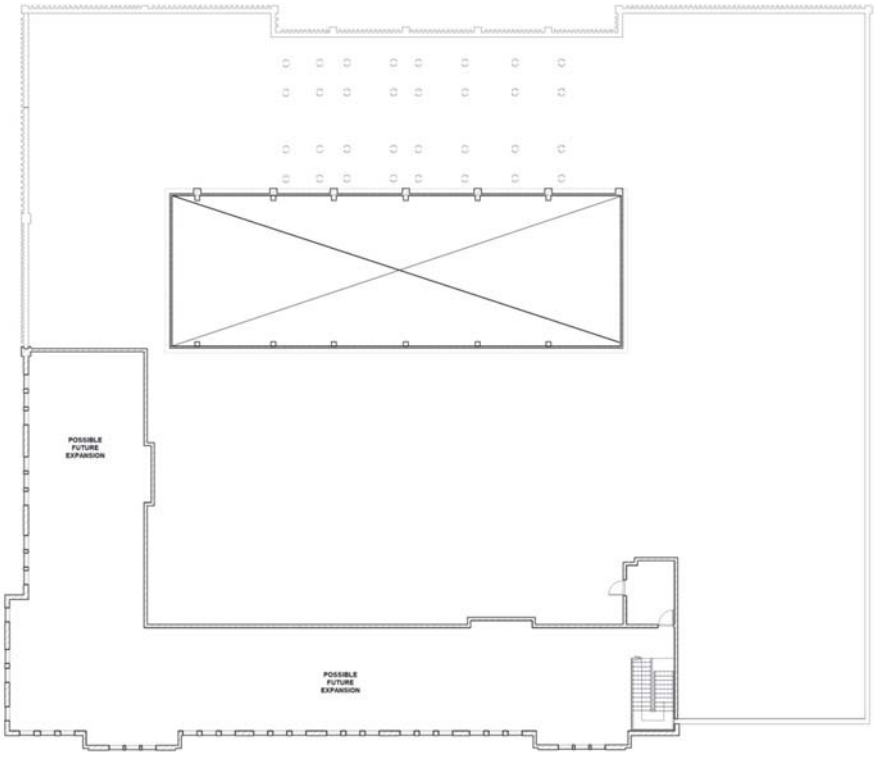
Second Floor



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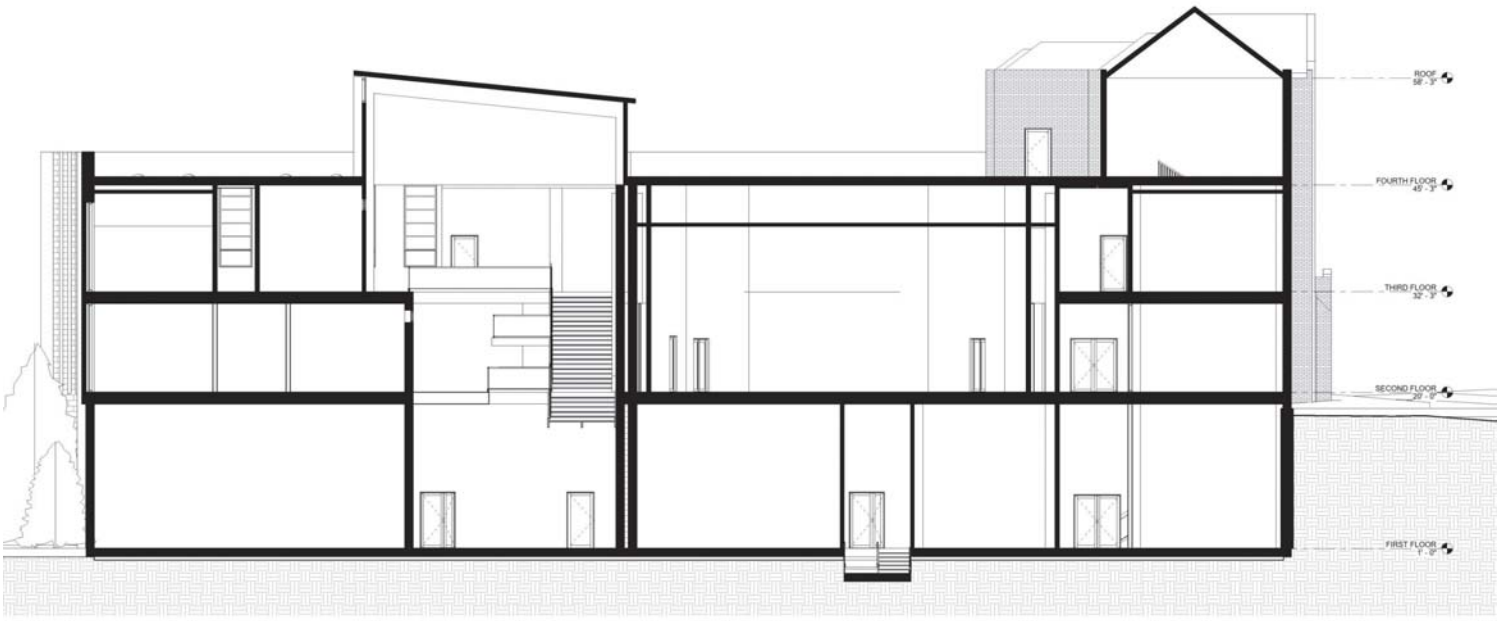
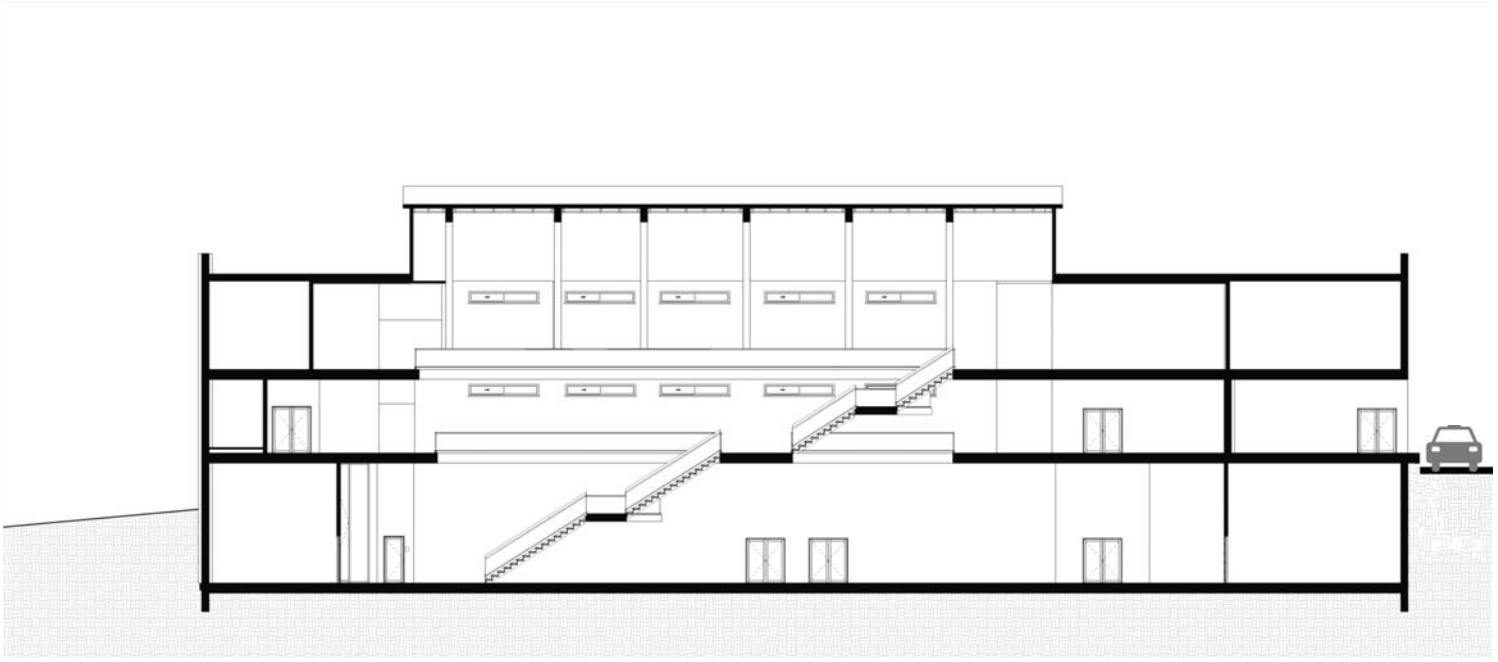
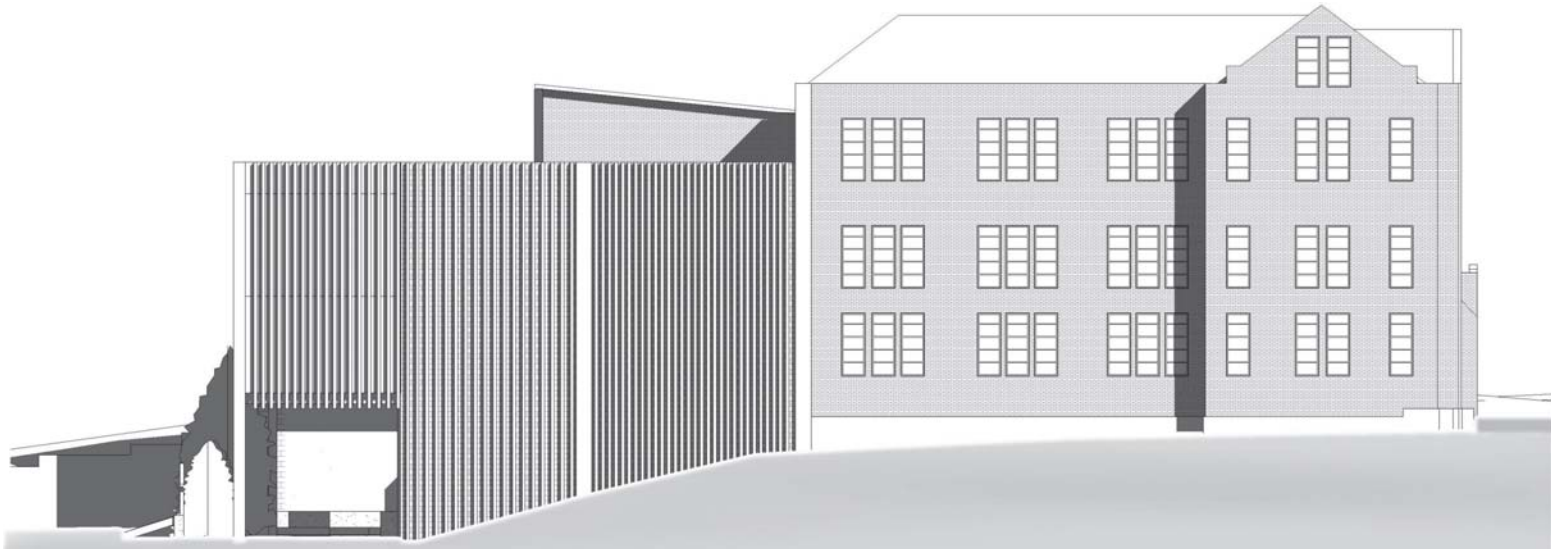
Third Floor



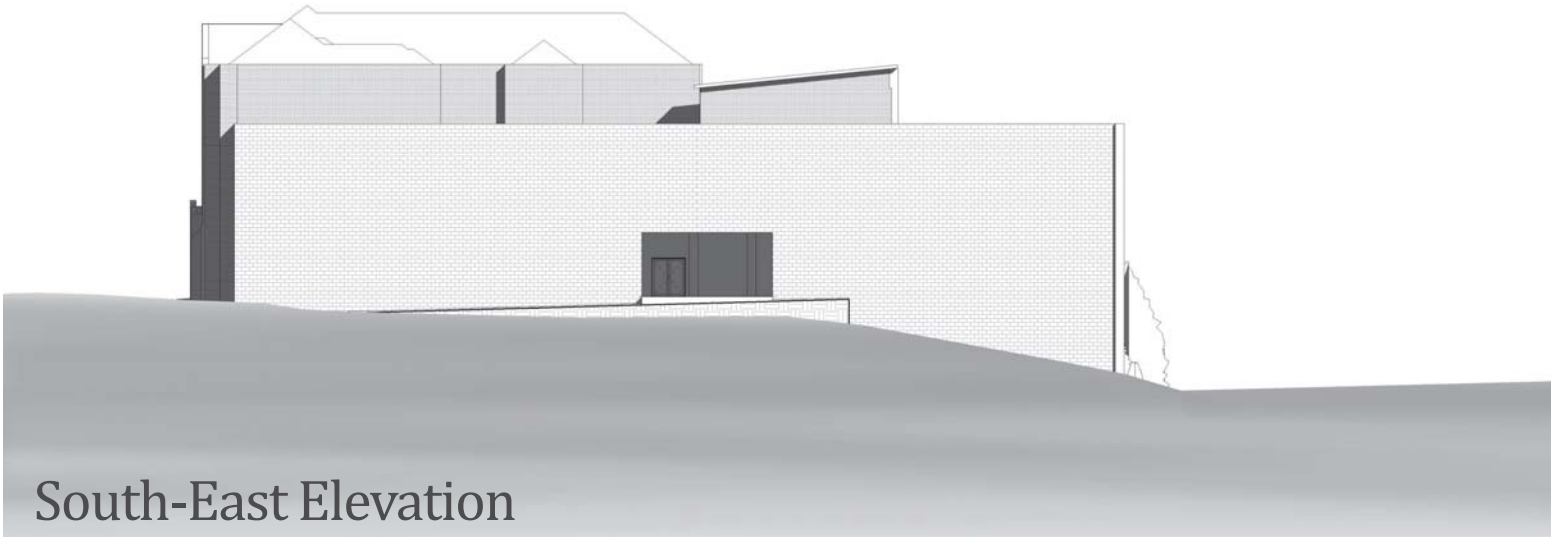
Section



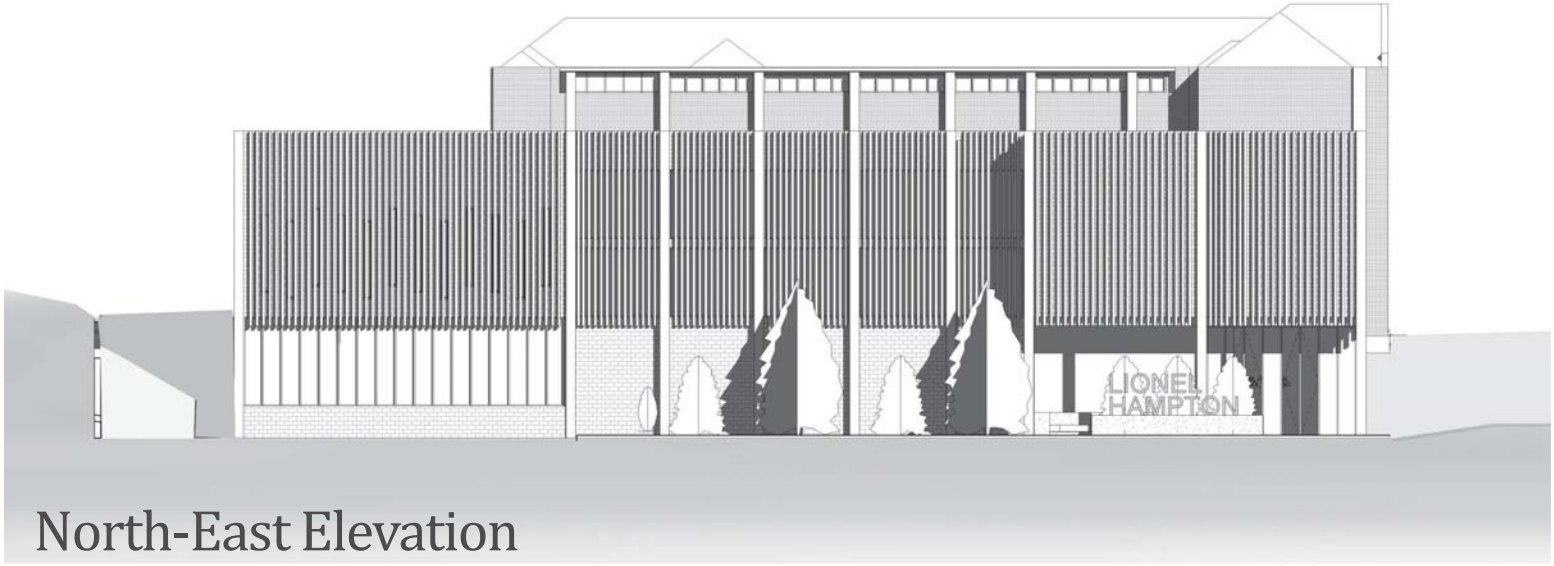
Section



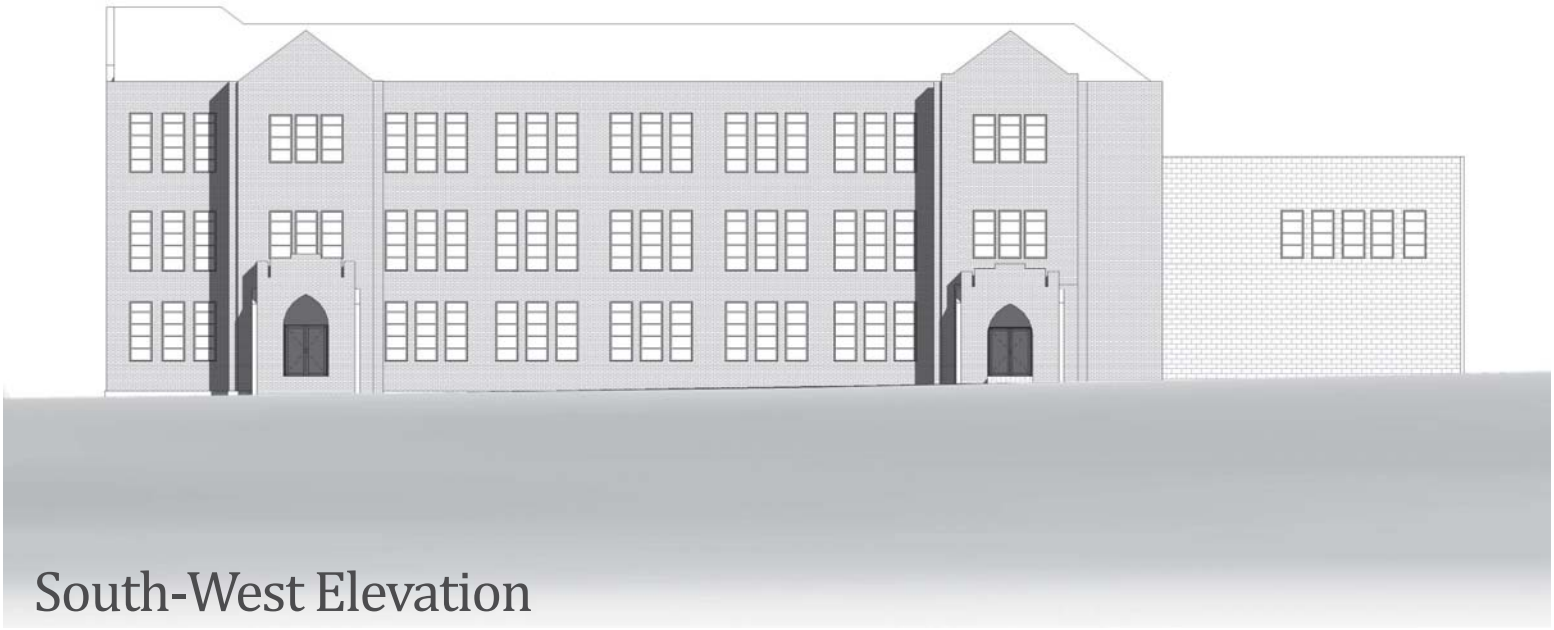
North-West Elevation



South-East Elevation



North-East Elevation



South-West Elevation