FAIRHAVEN HIGH SCHOOL



EXTERIOR MAJOR IMPROVEMENTS 5 YEAR PLAN

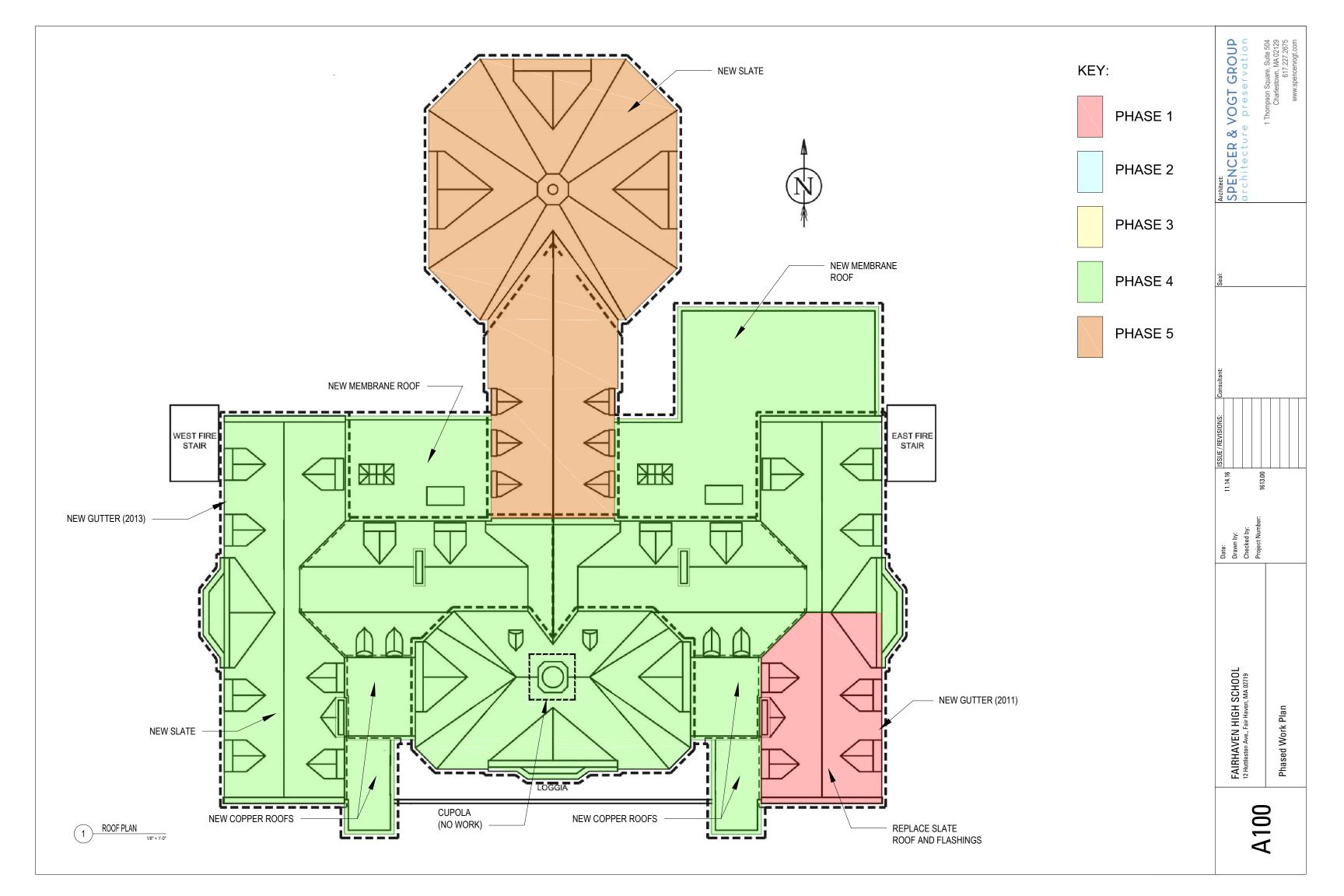
NOVEMBER 2016

SPENCER & VOGT GROUP architecture preservation

Fairhaven High School - 5 Year Major Improvements Cost Estimate Summary

Work Category	PHASE I SOUTHEAST GABLE WING ELEVATIONS	PHASE ii SOUTHWEST ELEVATIONS	PHASE III NORTH, EAST, LIBRARY ELEVATIONS	PHASE IV MAIN ROOF	PHASE V LIBRARY ROOF
General Conditions	\$ 55,000	\$ 290,000	\$ 198,000	\$ 346,000	\$ 118,000
Window Restoration	\$ 114,000	\$ 493,000	\$ 503,000		
(for safe operating condition)					
Masonry Restoration:					
- Repointing & Stone Repairs	\$ 57,000	\$ 490,000	\$ 138,000		
- Reconstruction	\$ 551,000				
- Cathodic Protection	\$ 90,000				
Roof Replacement:					
- Flat Roofs				\$ 220,000	
- Slate Roofs	\$ 174,000			\$ 565,000	\$ 496,000
Contractor Overhead and Profit, 15%	\$ 156,150	\$ 190,950	\$ 125,850	\$ 169,650	\$ 92,100
CONSTRUCTION COST Adjust for inflation	\$ 1,197,150	\$ 1,463,950	\$ 964,850	\$ 1,300,650	\$ 706,100
factor of 3%/year Construction					
Contingency, 15%	\$ 179,573	\$ 219,593	\$ 144,728	\$ 195,098	\$ 105,915
Soft costs: architectural & engineering fees, regulatory reviews - HDC, Zoning, 15%	\$ 179,573	\$ 219,593	\$ 144,728	\$ 195,098	\$ 105,915
TOTAL	\$ 1,556,295	\$ 1,903,135	\$ 1,254,305	\$ 1,690,845	\$ 917,930
Grand Total of all Phases					
\$ 7,322,510		_	_		

	UCTION			ARCHITECTURAL FEES Spencer & Vogt group
Work Category	CONSTRUCTION		ОТНЕВ	ARCHITE Spencer 8
2010-11				
Conditions Assessment Menders, Torrey & Spencer (now Spencer & Vogt Group)				\$ 60,000
2011-12 Roof: South & West Loggias, east gutter and related flashings				
Crocker Architectural	\$ 168,000			\$ 20,000
Direct purchase of limestone balusters		\$	15,000	
2012-14				
Stained and leaded glass window restoration; wood window prototype to improve operability				
Serpentino Stained Glass with Westmill Preservation	\$ 300,000			\$ 20,000
2012				
Guastavino Vault restoration and repointing of the south porticos	\$ 95,000			\$ 20,000
Dupre Masonry				
Direct purchase of tile from Boston Valley		\$	30,000	
2013-14 Fire Escape replacements and related				
gutter and flashing work	\$ 314,000			\$ 51,500
Campbell Construction				\$ -
2016				
Windows Exterior painting	\$ 150,000			\$ 17,000
Dandis Painting, Inc.				
SUBTOTAL	\$ 1,027,000	\$	45,000	\$ 188,500
COMBINED TOTAL	\$ 1,260,500			







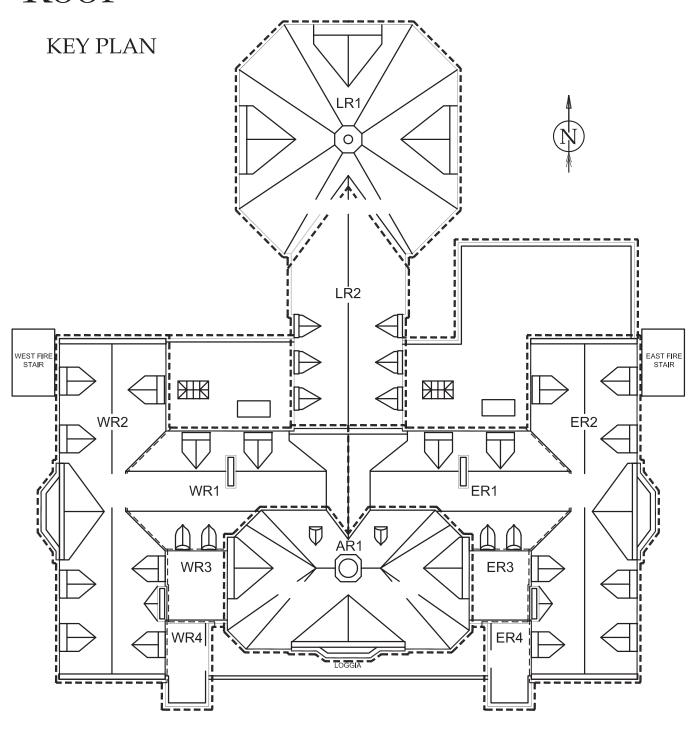


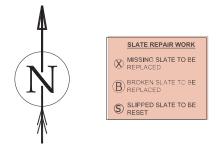


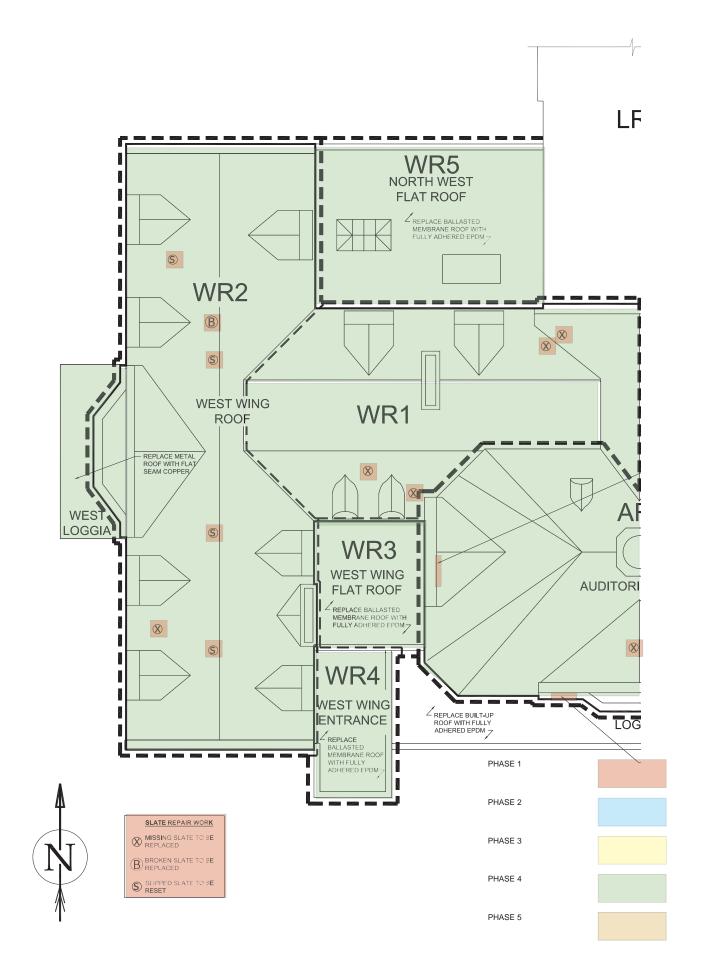


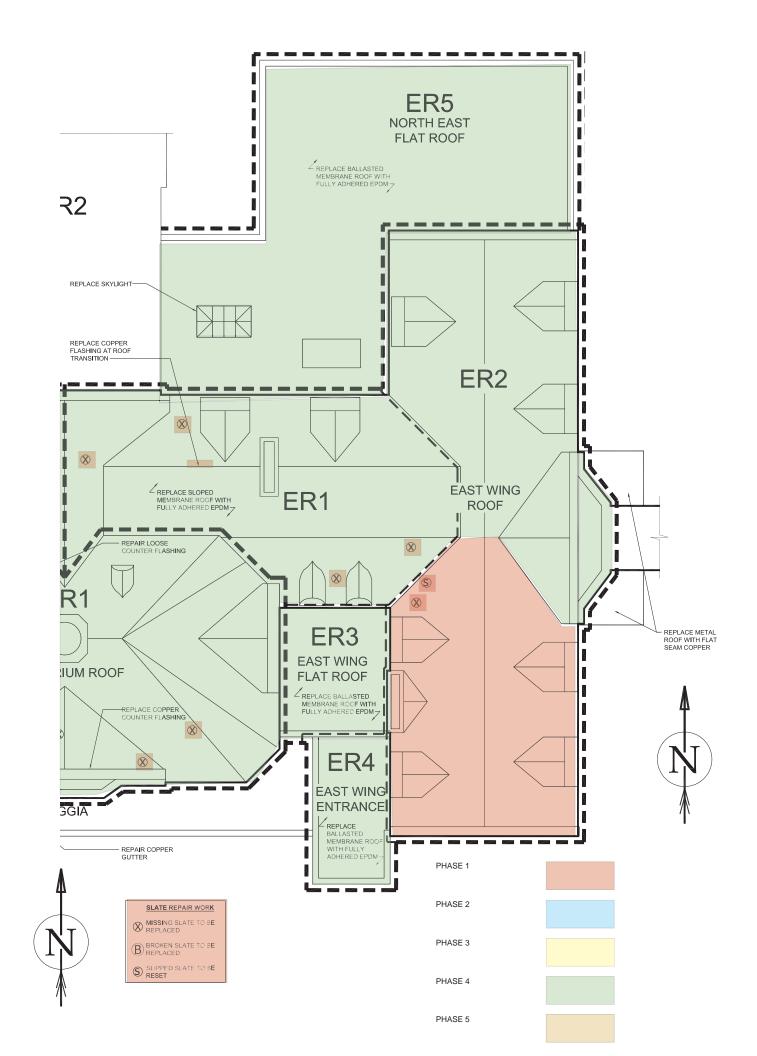
A204
Phased Work Elevations

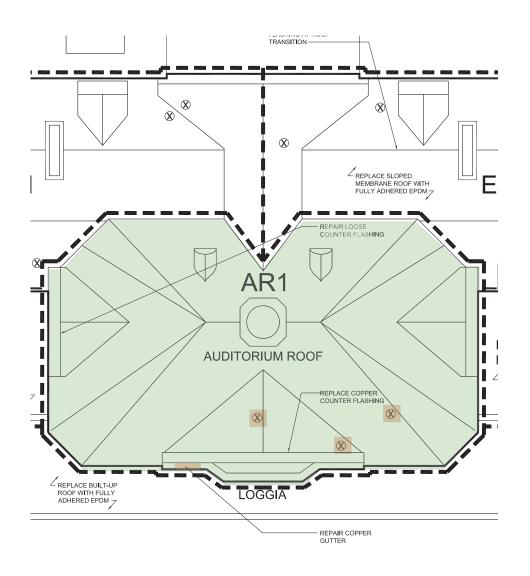
Roof







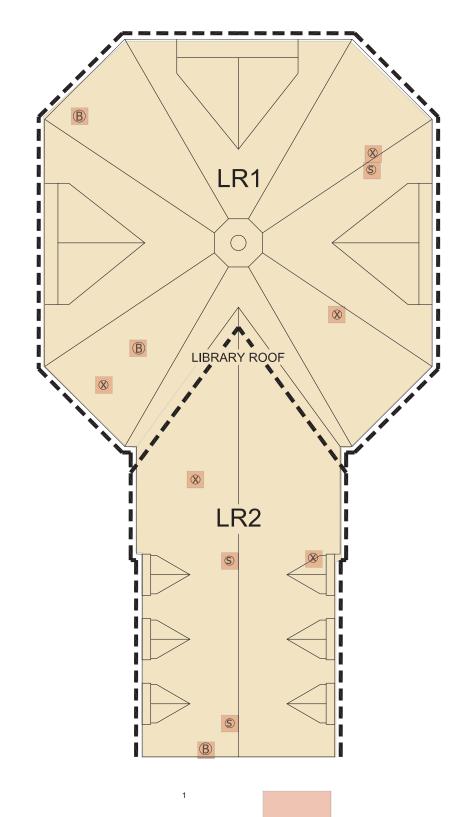




PHASE 1













S SLIPPED SLATE TO BE RESET



PHASE 3

PHASE 4





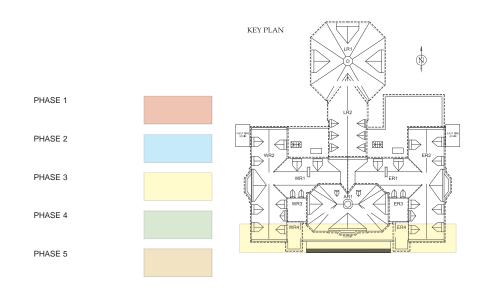


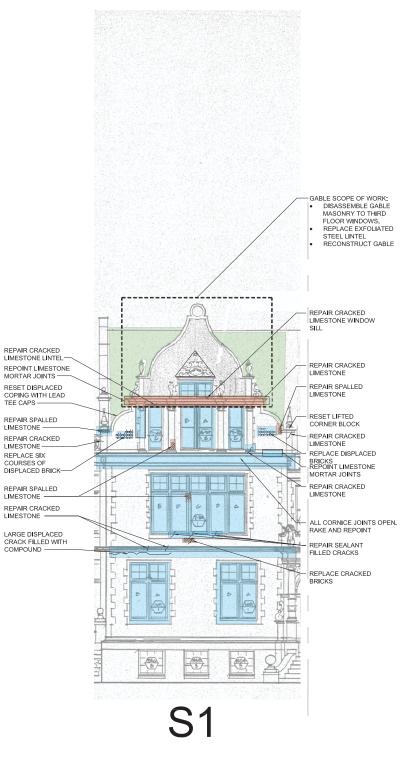


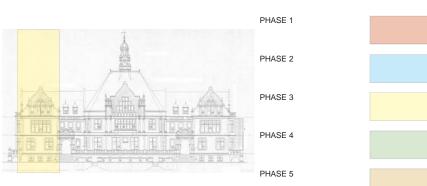


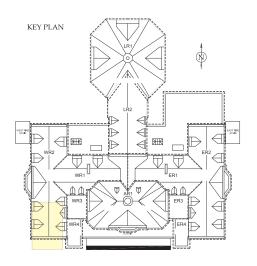
South Elevation

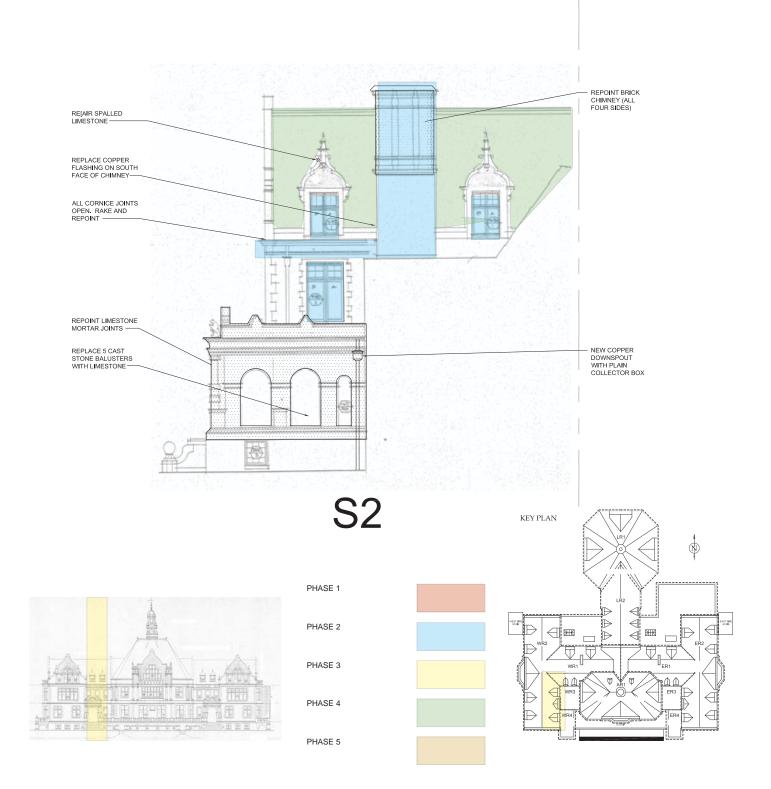


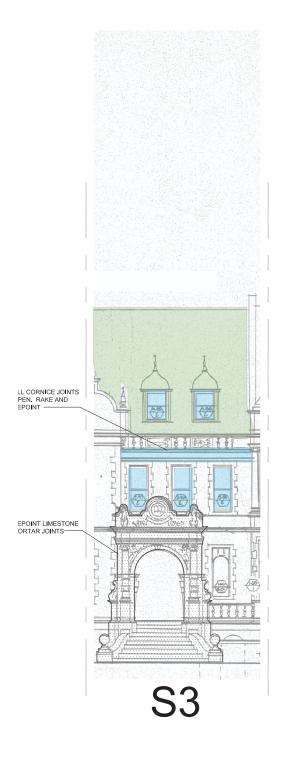


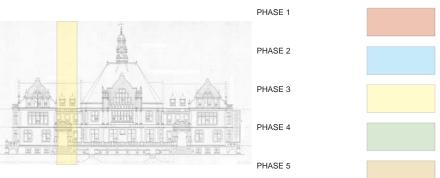


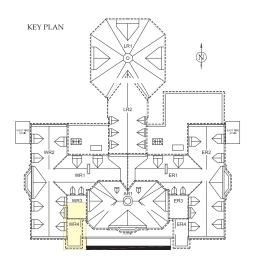


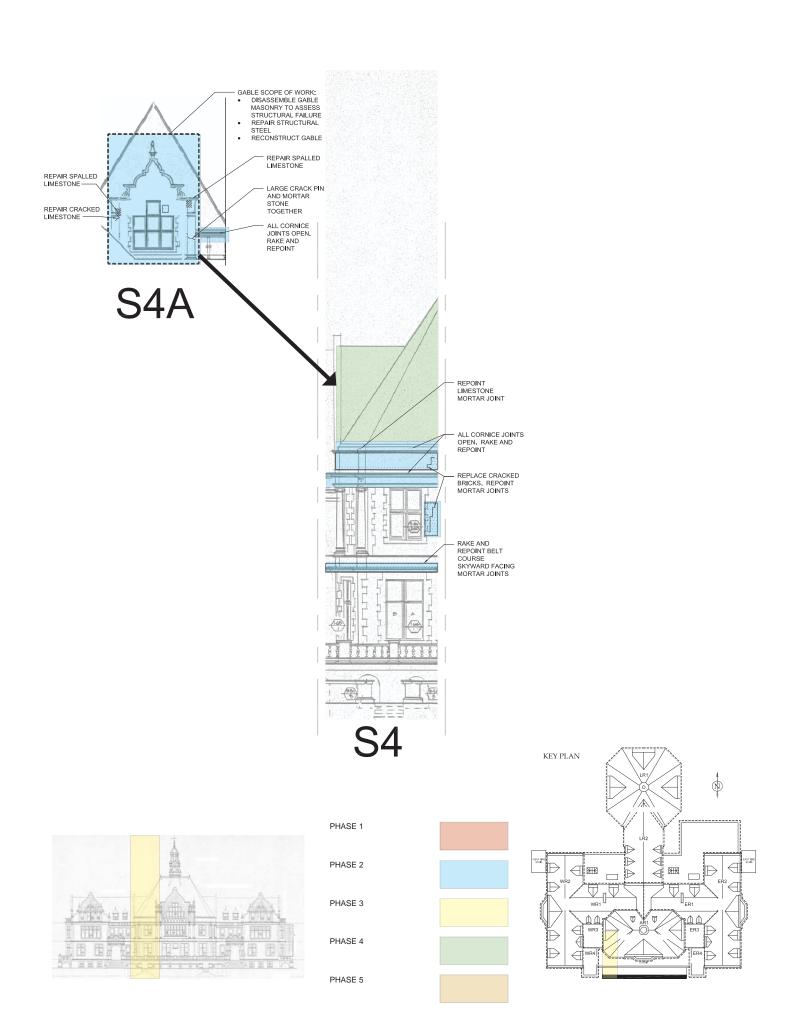


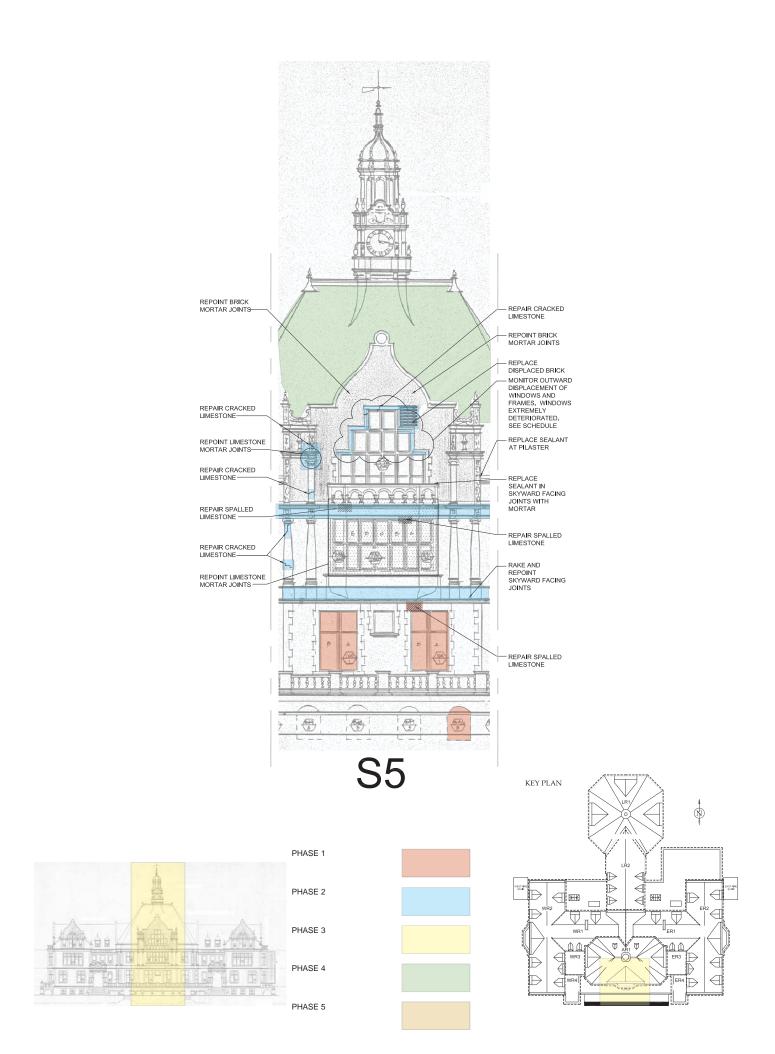


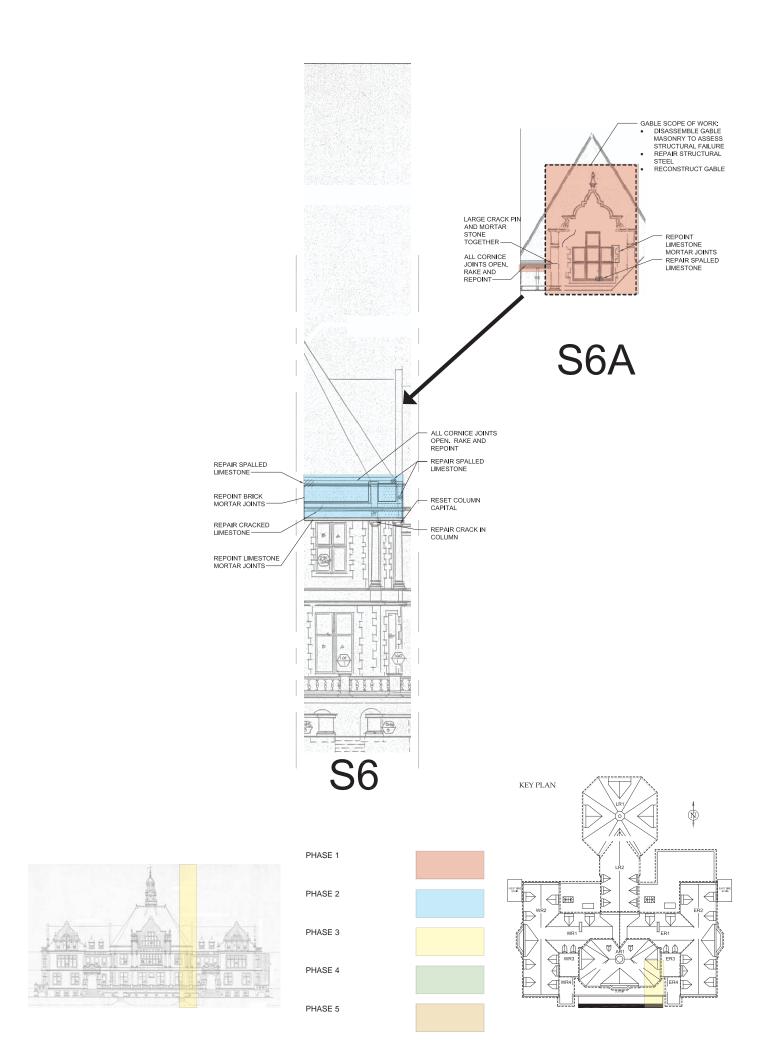


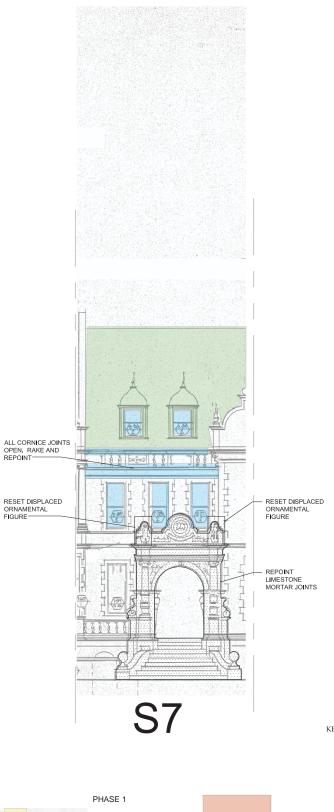




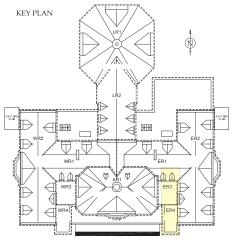


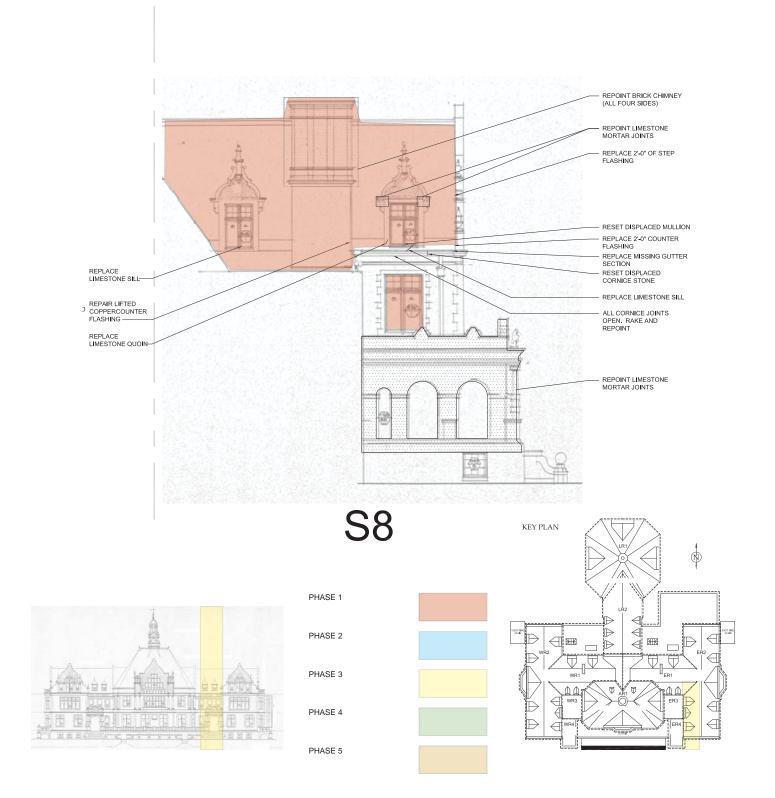


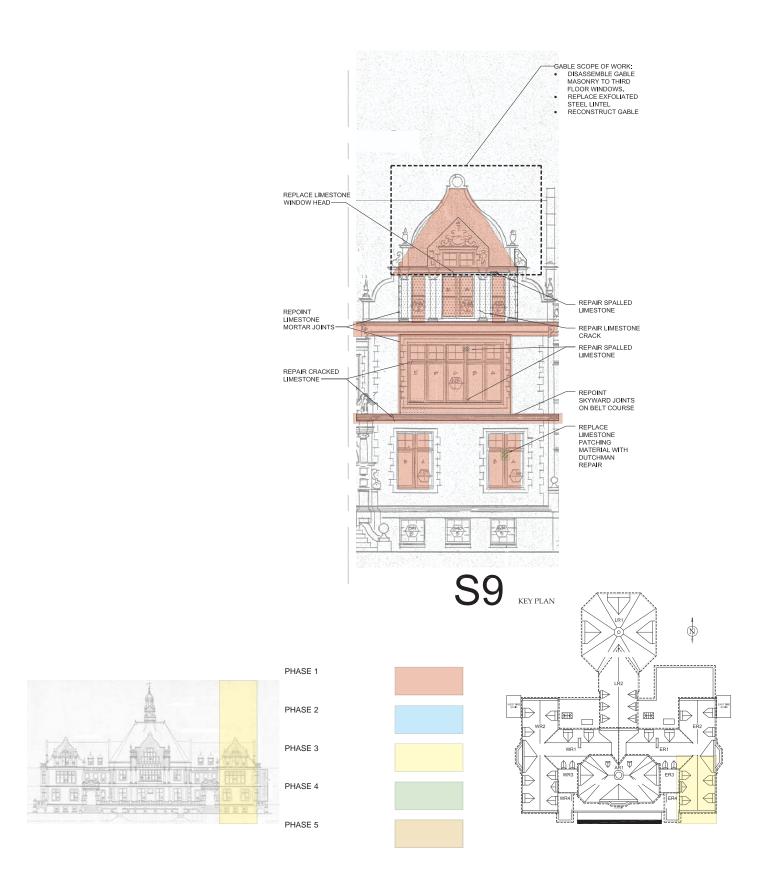






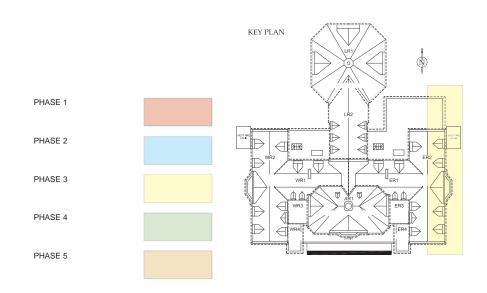


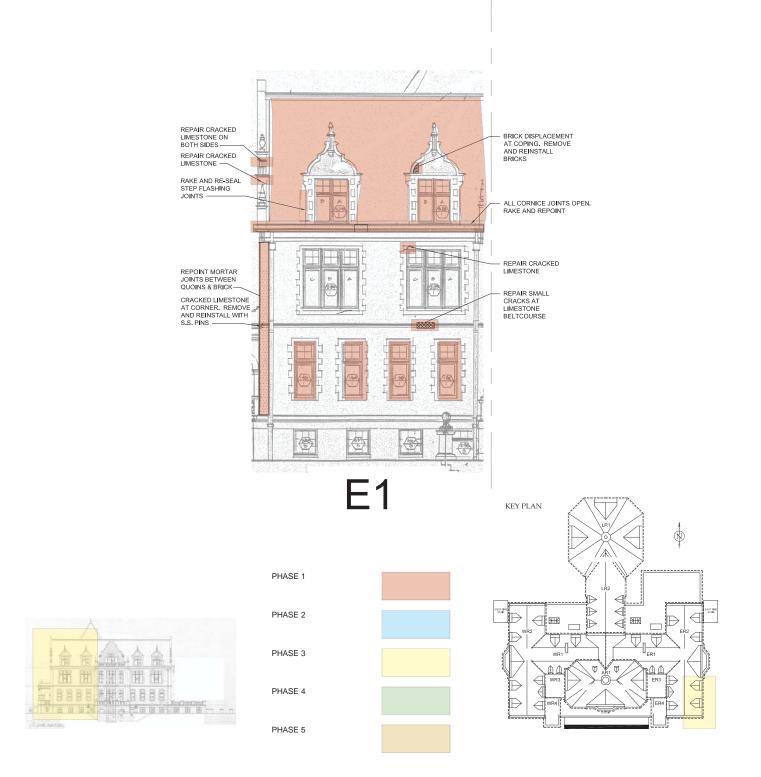


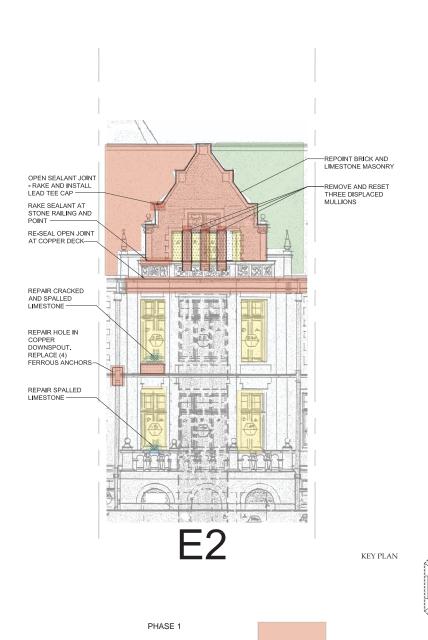


East Elevation









PHASE 2

PHASE 3

PHASE 4

PHASE 5

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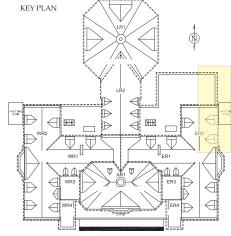
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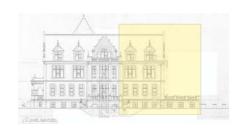
PHASE 2

PHASE 3

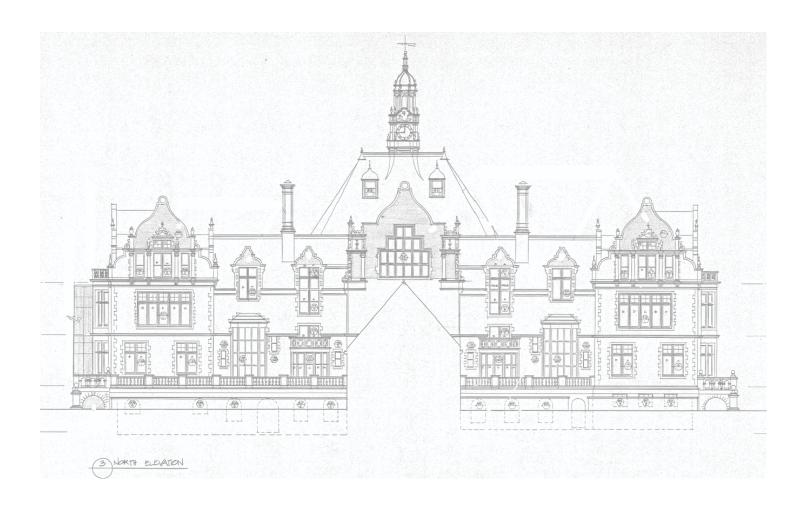
PHASE 4

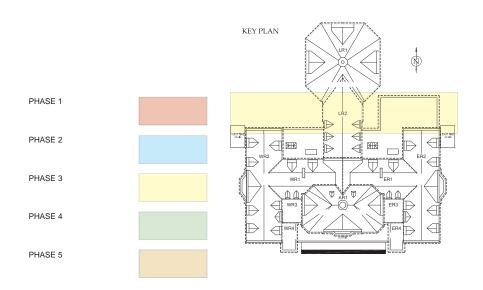
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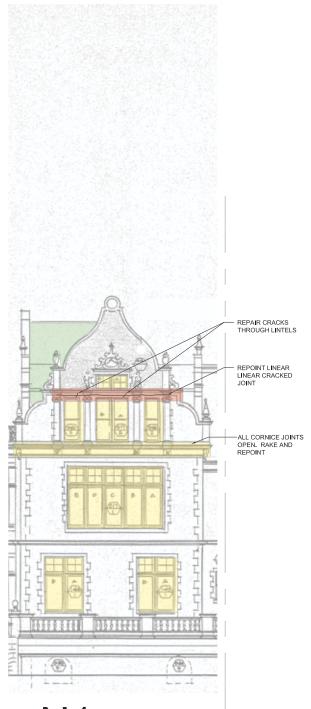




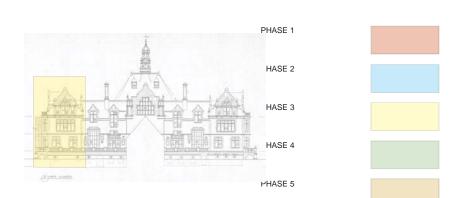
North Elevation

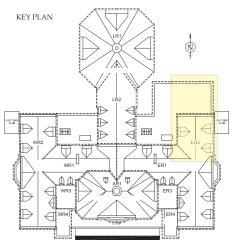


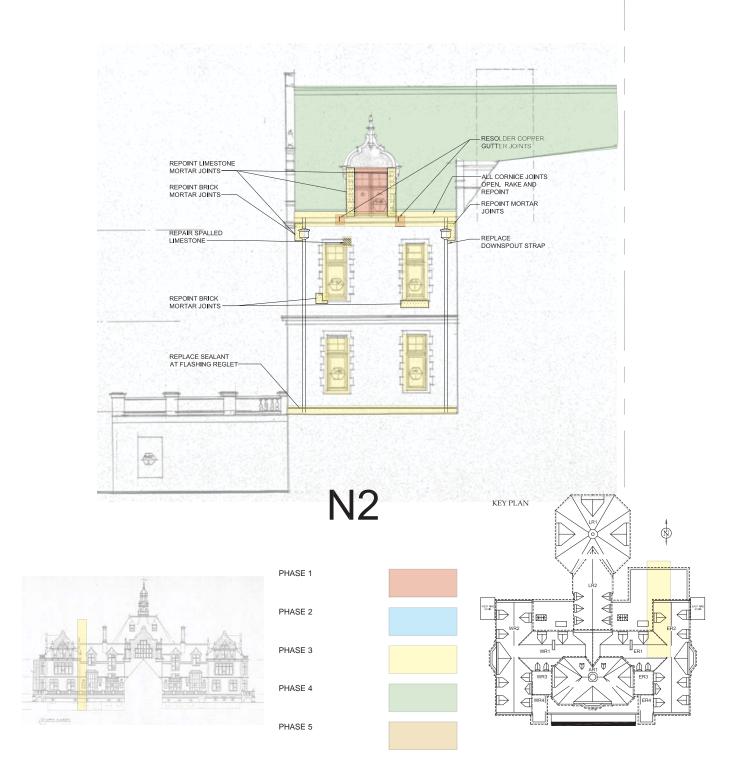


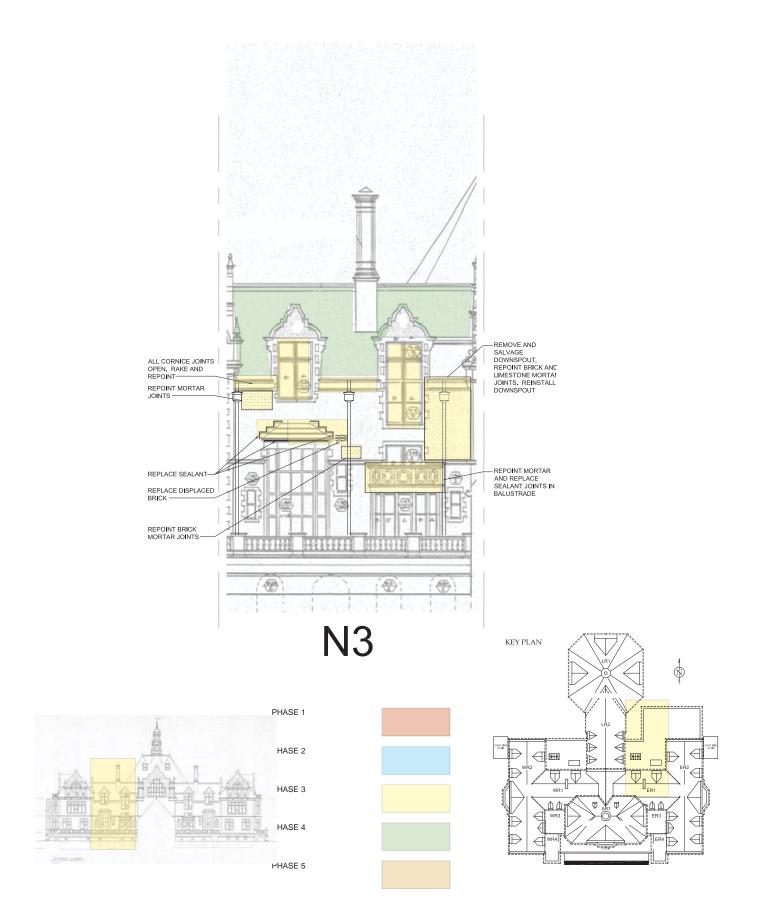


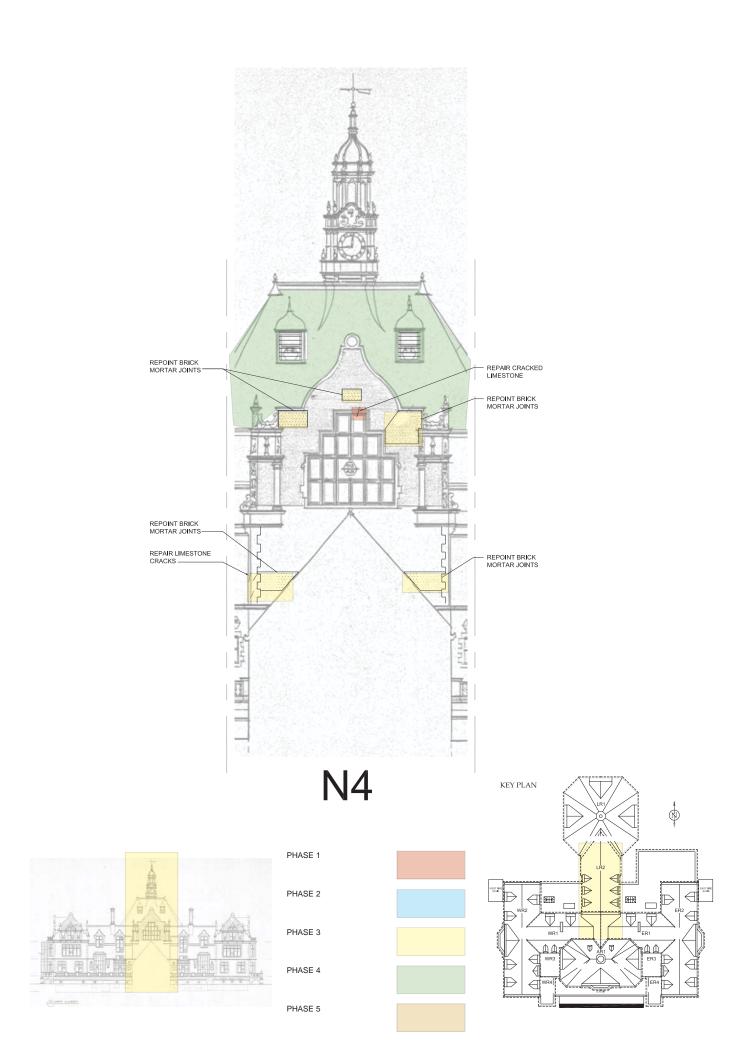
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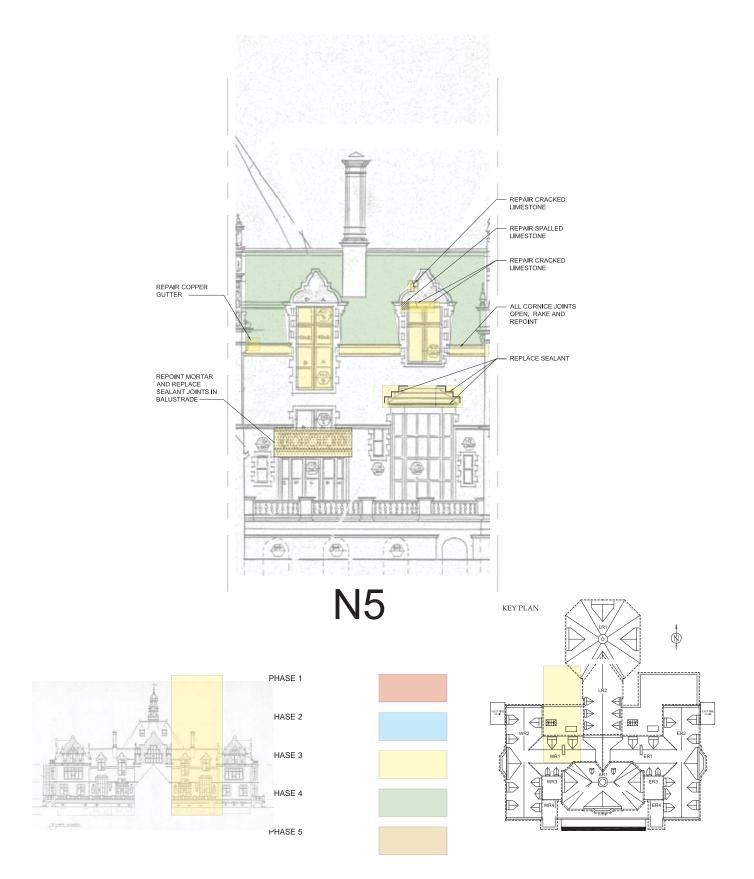


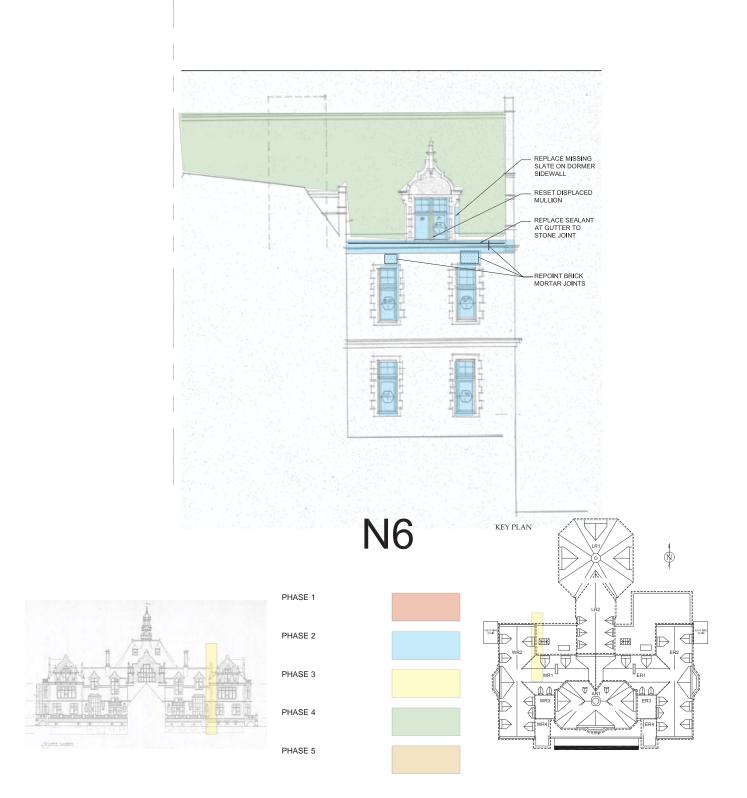


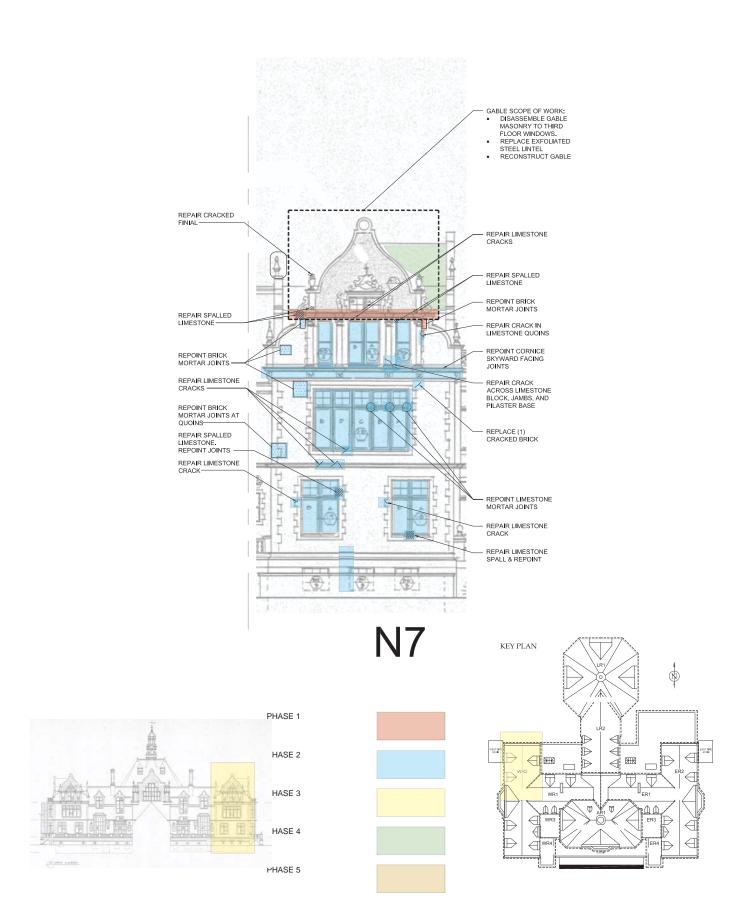






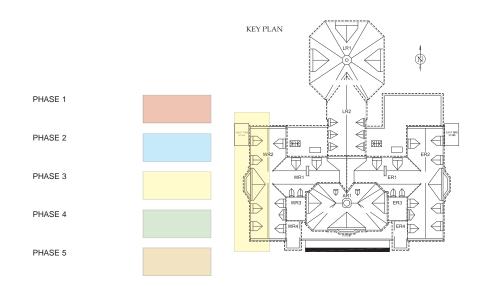


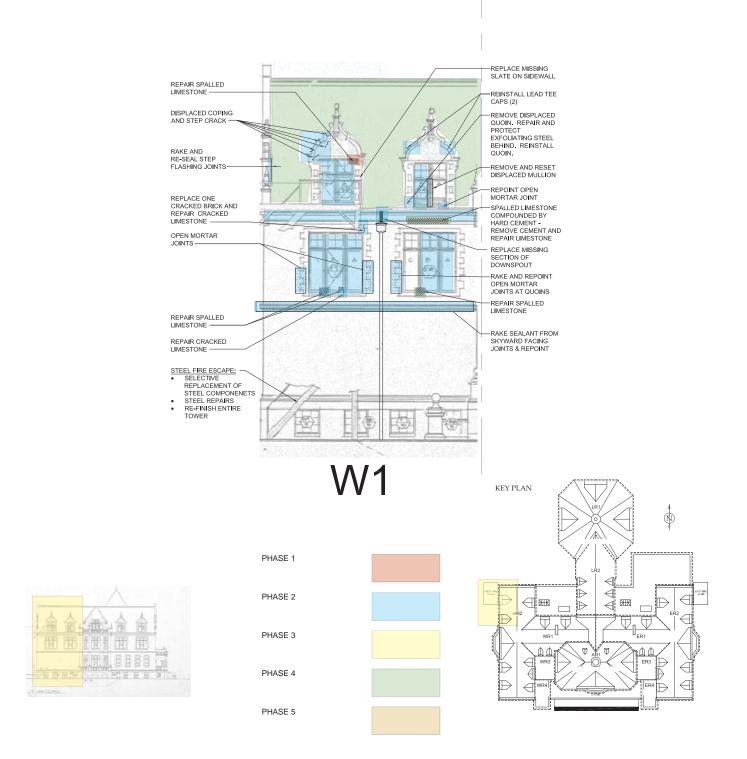


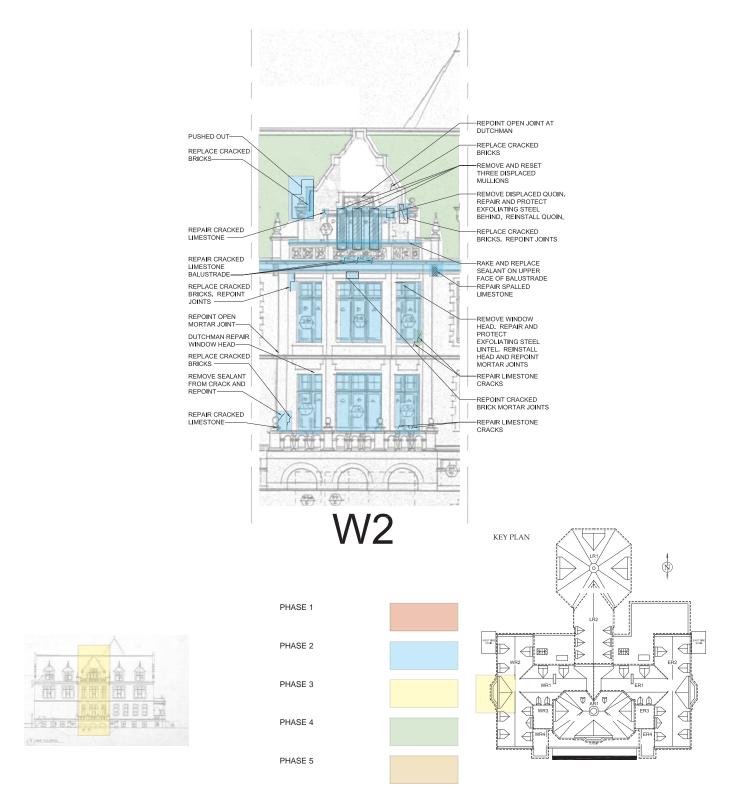


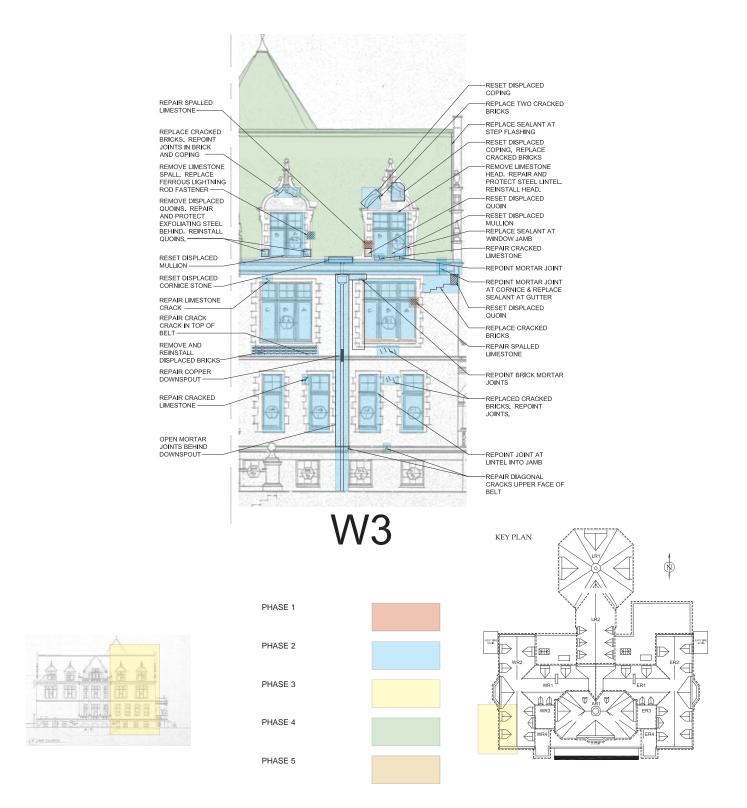
West Elevation





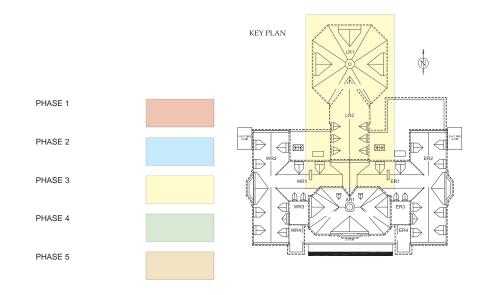


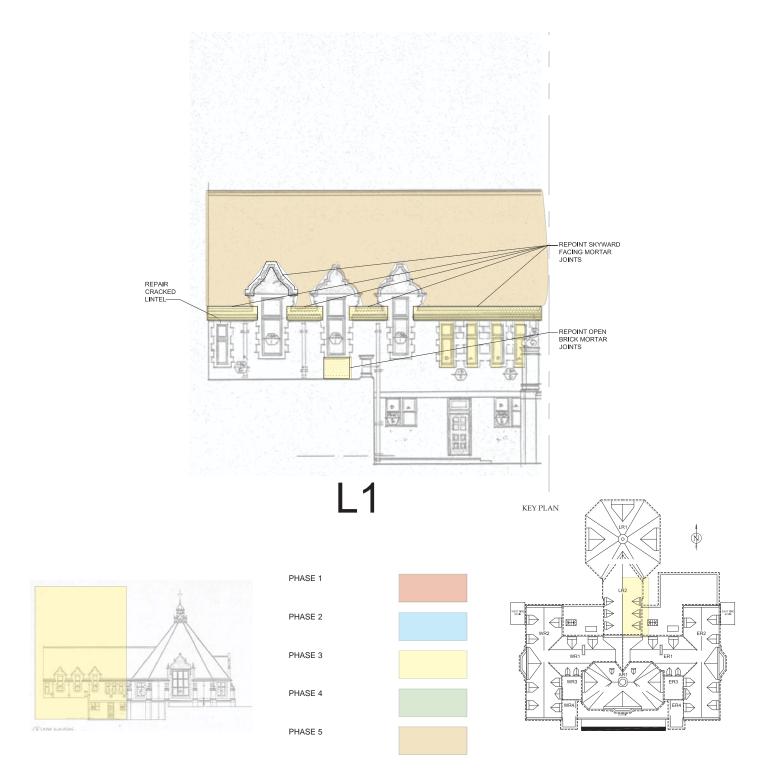


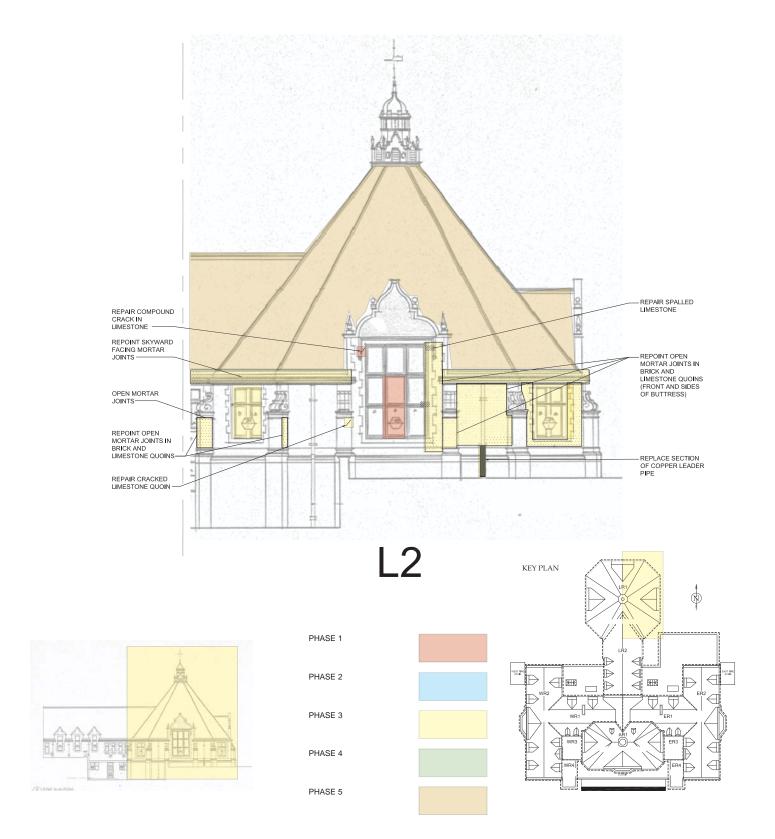


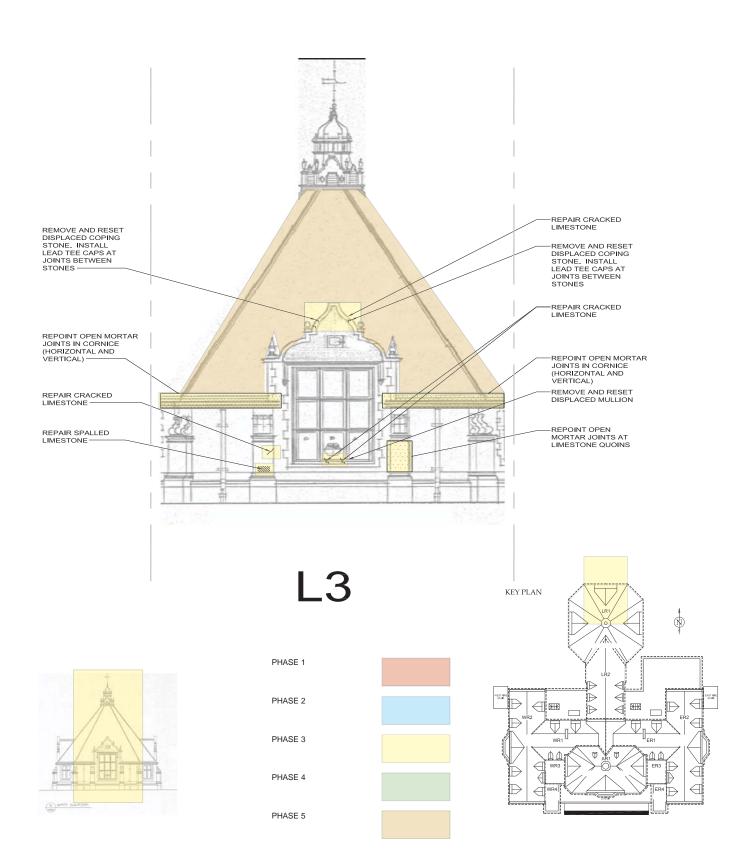
Library Wing

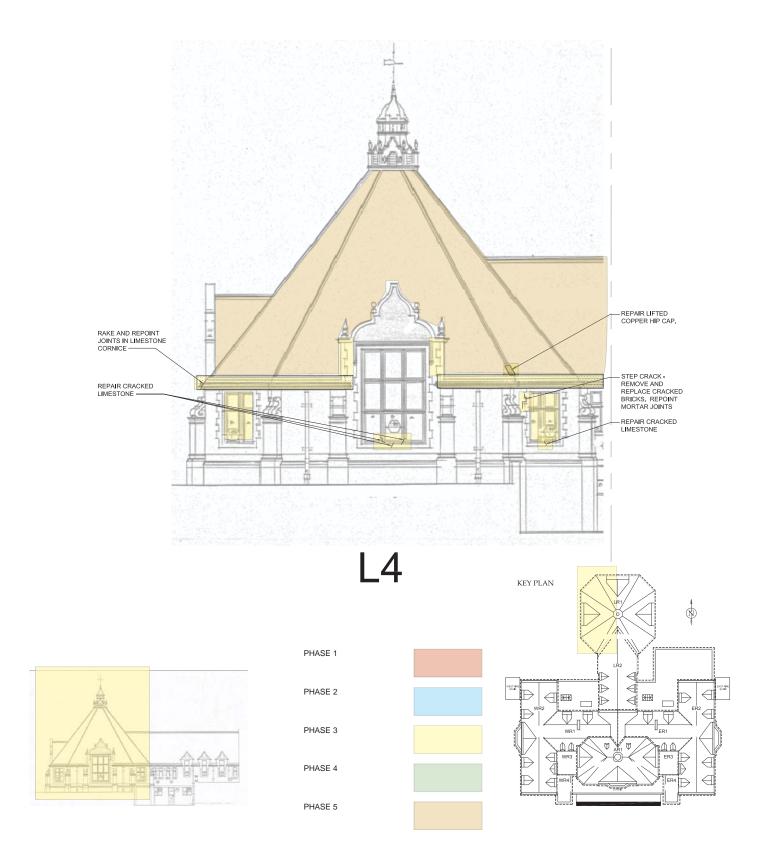


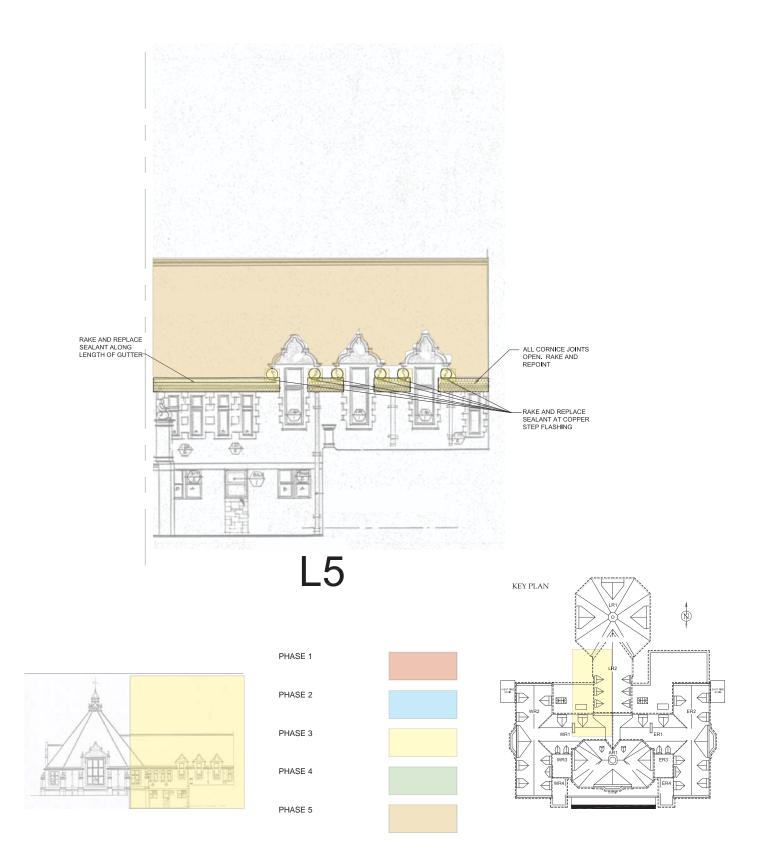


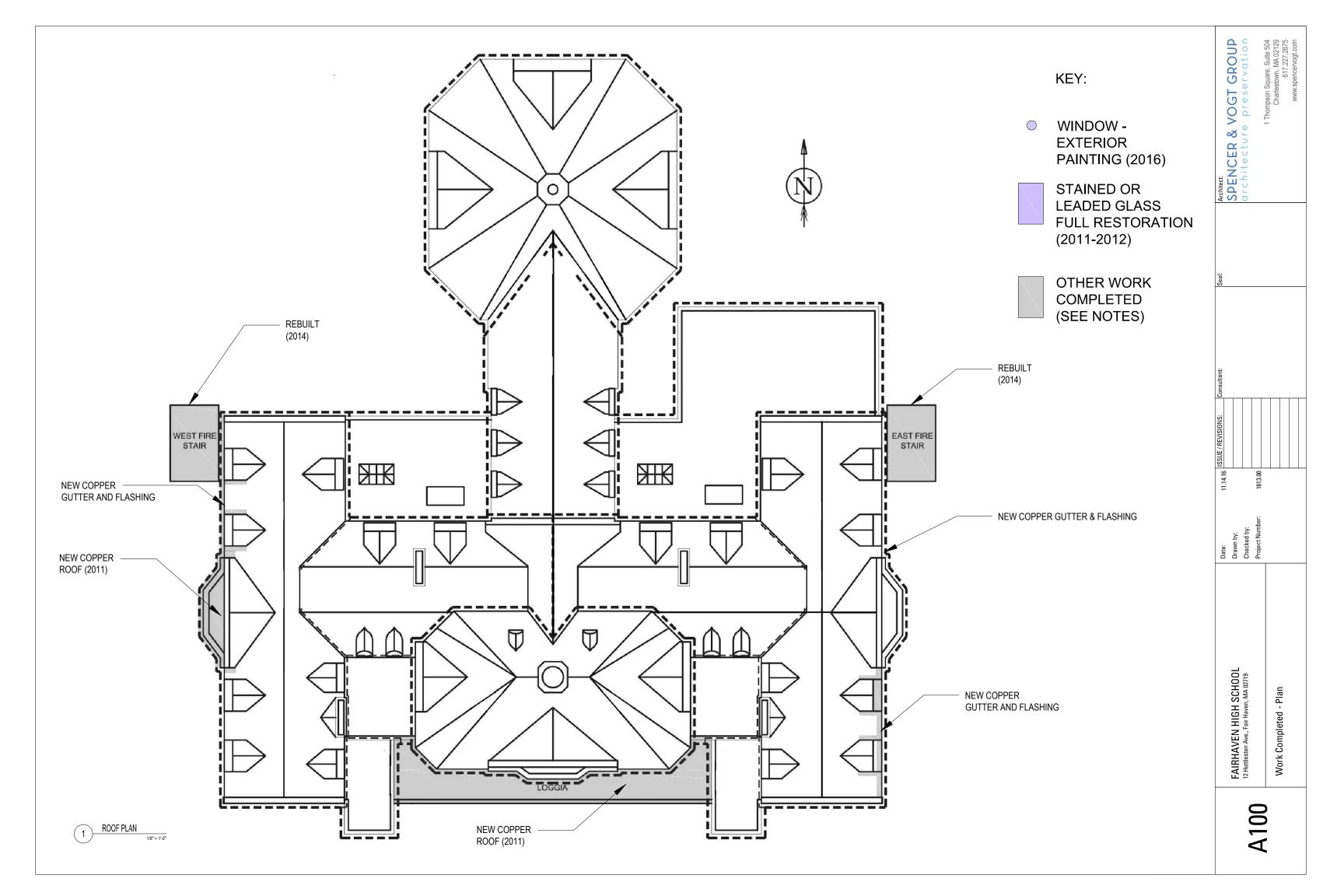


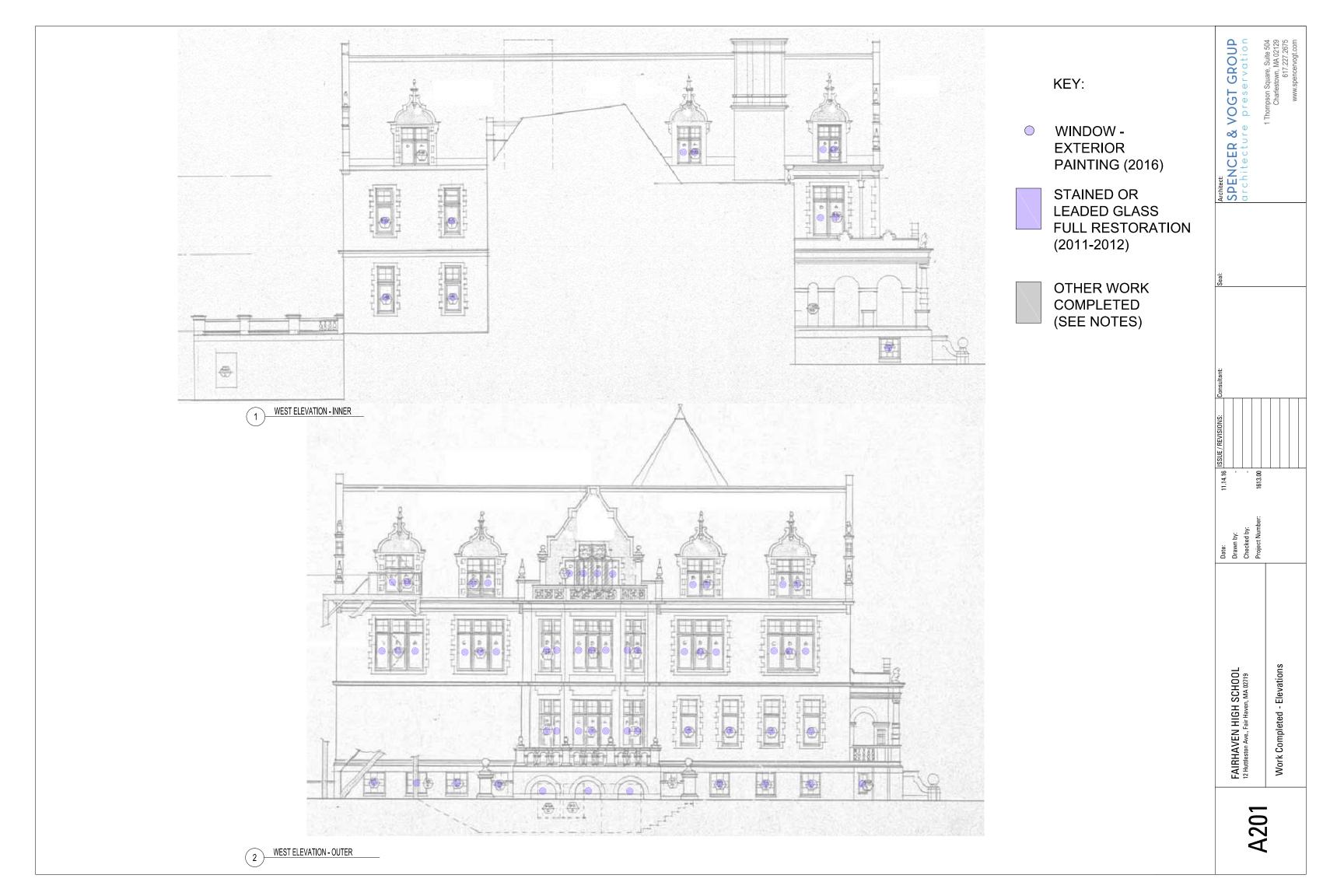








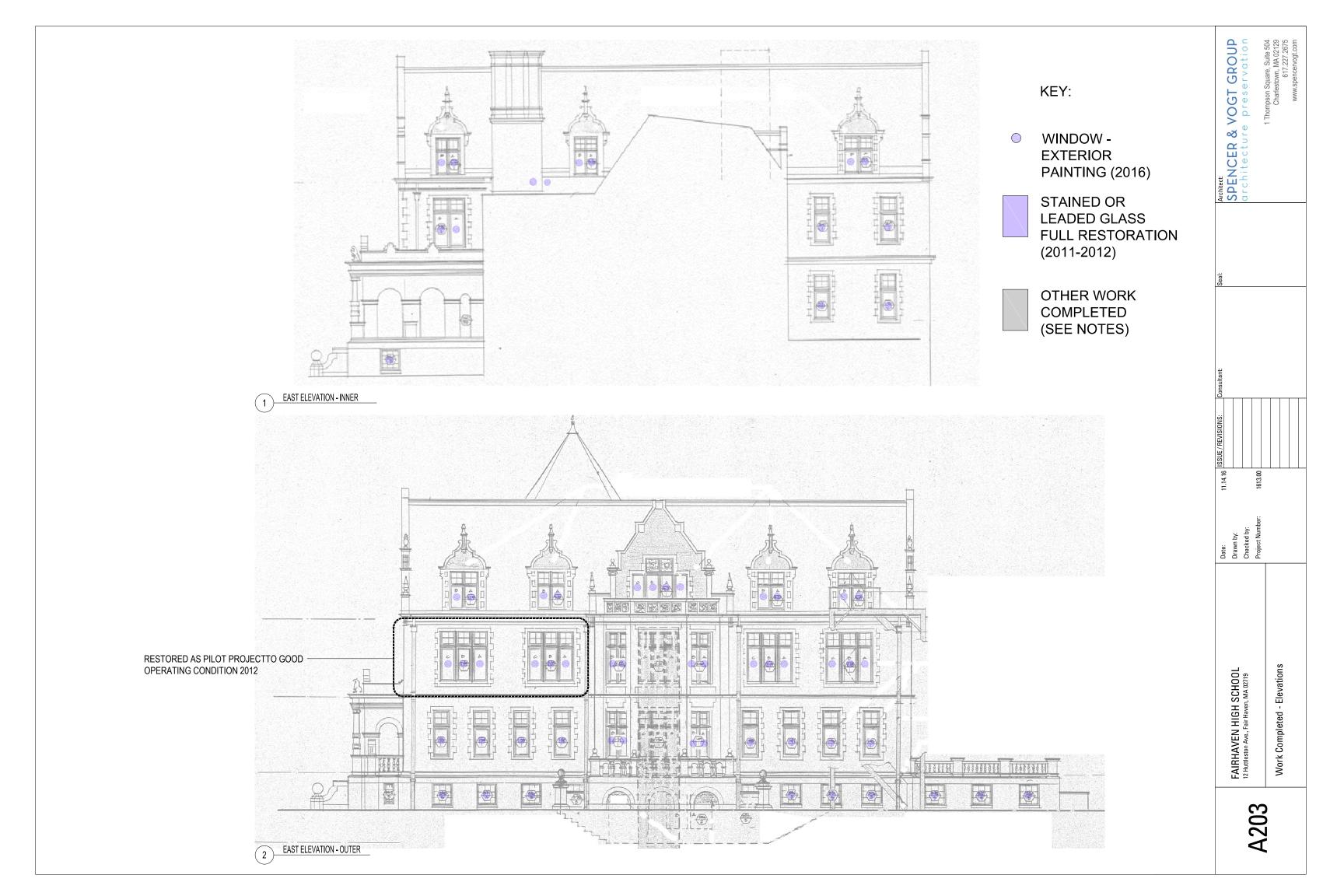






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Work Completed - Elevations





2 EAST ELEVATION - REAR WING

KEY:

WINDOW -EXTERIOR PAINTING (2016)



OTHER WORK COMPLETED (SEE NOTES)



NORTH ELEVATION - REAR WING

Architecture preservation

Work Completed - Elevations FAIRHAVEN HIGH SCHOOL 12 Huttleston Ave., Fair Haven, MA 02719

A204