



November 7, 2014
Revised December 5, 2014 (Delete Mechanical/HVAC Items)
Revised January 15, 2015 (Final)

Ms. Cathy Lauria
Chief School Business Official
West Northfield School District No. 31
3131 Techny Road
Northbrook, Illinois 60062

RE: 10 YEAR LIFE SAFETY SURVEY
FIELD AND WINKELMAN SCHOOLS
PROJECT NO. 14126

Dear Cathy:

The following is the final summary of the Life Safety Items identified for Field and Winkelman Schools and associated estimated costs to perform replacement/repair of deficient items. After District review and authorization, a formal report, including updated safety reference plans, building descriptions and cost information will be submitted to the Illinois State Board of Education (ISBE) via the IWAS website.

FIELD SCHOOL

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>BUDGET AMOUNT</u>	<u>COMPLETION</u>
	ARCHITECTURAL		
A1	Perform miscellaneous roof flashing and metal coping repairs at roof/wall intersections and roof edge details.	\$ 25,000	Within 5 Years
	PLUMBING		
P1	Replace existing wash fonts with new in the toilet rooms.	\$ 26,000	Within 3 Years

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<u>ITEM</u>	<u>DESCRIPTION</u>	<u>BUDGET AMOUNT</u>	<u>COMPLETION</u>
ELECTRICAL			
E1	Emergency lighting revisions. 1964 Building	\$ 3,500	Within 3 Years
E2	Illuminated exit signage. 1964 Building	\$ 1,500	Within 3 Years
E3	Emergency lighting revision. 1965 - 1991 Additions	\$ 5,000	Within 3 Years
E4	Illuminated exit signage. 1965 - 1991 Additions	\$ 2,000	Within 3 Years
E5	Replace entire existing buried primary conductor with new in buried PVC raceway.	\$ 60,000	Within 5 Years
E6	Replace existing intercom / master clock system with new.	\$ 110,000	Within 5 Years
E7	Replace old inefficient exterior building lighting with new LED fixtures.	\$ 25,000	Within 5 Years

FIELD COST SUMMARY

Architectural	\$ 25,000
Mechanical	0
Plumbing	26,000
Fire Protection	0
Electrical	<u>207,000</u>
Life Safety Item Sub-Total	\$ 258,000
Contingency	25,800
Fees	<u>25,800</u>
TOTAL LIFE SAFETY	\$ 309,600

WINKELMAN SCHOOL

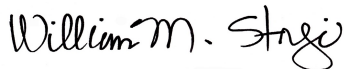
<u>ITEM</u>	<u>DESCRIPTION</u>	<u>BUDGET AMOUNT</u>	<u>COMPLETION</u>
PLUMBING			
P1	Replace existing kitchen grease interceptor with new properly sized grease interceptor. 1980 Building	\$ 60,000	Within 5 Years
FIRE PREVENTION			
FP-1	Install heat trace to prevent freezing at entry vestibule fire sprinkler piping. 2002 Addition	\$ 6,500	Within 3 Years

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>BUDGET AMOUNT</u>	<u>COMPLETION</u>
	ELECTRICAL		
E1	Emergency lighting revisions. 1980 Building	\$ 7,200	Within 3 Years
E2	Illuminated Exit Signage. 1980 Building	\$ 1,200	Within 3 Years
E3	Emergency Lighting Revisions. 2002 Addition	\$ 3,600	Within 3 Years
E4	Illuminated Exit Signage. 2002 Addition	\$ 600	Within 3 Years
E5	Replace old, inefficient exterior building lighting with new LED fixtures. Entire Building	\$ 30,000	Within 5 Years
E7	Replace gymnasium and commons light fixtures with new energy efficient fixtures. 1980 Building	\$ 102,000	Within 5 Years

WINKELMAN COST SUMMARY

Architectural	\$	0
Mechanical		0
Plumbing		60,000
Fire Protection		6,500
Electrical		<u>\$ 144,600</u>
Life Safety Item Sub-Total	\$	211,100
Contingency		21,110
Fees		<u>21,110</u>
TOTAL LIFE SAFETY	\$	<u>253,320</u>

Sincerely,
 ARCON Associates, Inc.



William M. Strejc, AIA
 Principal