



Braeside Elementary
2015 Health Life Safety Report for North Shore School District 112
 Sections 180.320)

For ISBE Use: Date
 Review recommendations Reviewer Initials
 have been discussed with
 the Architect

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Braeside Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	Storage 01, Electrical-02, Boiler Rm 07, Storage 08, Stage Elec. Cl. 113b, Stage Storage 113e, Closet 201a	A	175-295	Unsealed penetrations through rated walls	Provide fire sealant around penetrations	c	EA	28 +/-	b	a	\$2,800	07/14/15	F
A2	Corridor At Classrooms 101 And 102	A	185-380	Dead-end corridor (corridor distance from exit is approx. 30' long. 20' max. Allowable)	Provide new wall and relocated door and frame to create new classroom area end of Corridor to provide maximum 20'-0" deadend corridor	f	OPNG	1	b	a	\$10,000	07/14/15	F
A3	Door 001H	A	175-285	Doors do not provide required fire separation	Provide new 90 min. Rated double leaf doors & frames	c	EA	1	b	a	\$3,150	07/14/15	F
A4	Stairwell adjacent to Storage 01	A	175-285	No door at stairwell	Provide new 45 min. Rated door and frame	c	EA	1	b	a	\$5,000	07/14/15	F
A5	Classroom 104	A	175-285	Storage room in Classroom 104 with 1/2-hour rated wall is missing a door	Provide new solid core door	e	EA	1	b	a		07/14/15	F
A6	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule at the main entry of the building	f	Lump Sum		b	d	\$100,000		
C1	Northwest entrance to building	B	IAC/ADA	Walk to ramp area in excess of 5% making the ramp non-accessible (HC).	Reconstruct entrance area to accommodate accessibility. Reconstruct walk and/or ramp to provide accessibility. May require reconstruction of stair and landing at door.	e	EA	1	b	c,g	\$100,000		
C2	Northwest parking lot	B	IAC/ADA	No detectable warning surface at HC ramp	Install detectable warning tiles/signage as needed	e	EA	1	b	c,g	\$1,000		
C3	Site perimeter walks (Public Walks)	B	IAC/ADA	No detectable warning surface at HC ramp at all but one street crossing	Install detectable warning tiles. (Highland Park)	e	EA	1	b	c,g	\$2,500		
C4	Main entrance	B	IAC/ADA	Not accessible	Provide accessible entrance (ramp)	b,e	EA	1	b	c,g	\$35,000		
B1													
E1	Boiler, Storage Rooms, 102	A	NEC 110	Open junction box	Provide cover plate	f	EA	4	a	a			
E2	Boiler, Corridors, 107, 201	A	185.370	Space lacks emergency light coverage	Add emergency light	f	EA	6	b	a	\$3,000		
E3	Toilets, Corridors	C	ADA	Space lacks fire alarm visual coverage	Add visual device	f	EA	4	b	a	\$3,500		
E4	Boiler	B	NEC 110	Electrical panel and feeder are near their useful life.	Replace panel and feeder	f	EA	1	b	g	\$15,000		
E5	Storage	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	1	b	a	\$500		
E6	Mechanical	A	BOCA 2003	Emergency gas shutoff switch is not provided for water heater	Add shutoff switch	f	EA	1	b	a	\$1,000		
E7	109B	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	1	b	a			
E8													
E9	103	C		Space lacks smoke detection coverage	Add smoke detector	f	EA	2	b	a	\$1,000		
E10	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$45,000		
E11	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		

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ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	3	b	h	\$20,000		
P1	Water service	B	Illinois Plumbing Code	Water service to the building is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$10,000		
P2	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	3	b	e			
P3	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	5	b	h	\$25,000		
B1	Window perimeter sealant	B	175-210	Deteriorated perimeter sealant	Replace any deteriorated sealant	c	LF	1200	b	h	\$15,000	2016	
B2	Limestone window sill joints	B	175-210	Open and loose mortar at wash joints typical	Grind and seal joints 100%	c	LF	800	b	h	\$12,000	2016	
B3	Front entry at west	B	175-210	Stone is missing at the base of planters	Replace missing stone	c	SF	2	b	h	\$300	2014	
B4	Stucco soffits	C	175-210	Cracks in stucco	Repair crack	c	LF	30	b	h	\$4,000	2016	
B5	Stucco soffits	C	175-210	Paint failure	Repaint portions	c	SF	50	b	h	\$3,000	2016	
B6	Stucco soffits	C	175-210	No expansion joint in soffit	Add expansions joint	f	LF	50	b	h	\$5,000	2016	
B7	Stucco walls	C	175-210	Cracks in stucco	Repair Crack	c	LF	150	b	h	\$5,000	2016	
B8	Previous stucco patch	C	175-210	Previous patches are discolored	Ensure patch is sound, repaint	c	EA	3	b	h	\$300	2016	
B9	Planter cap stones,outside Classroom 101	C	175-210	Open wash joints	Grind and seal joints	c	LF	50	b	h	\$3,000	2014	
B10	Limestone Base	C	175-210	Misc. eroded mortar joints	Grind and repoint joints	c	LF	200	b	h	\$8,000	2016	
B11	Limestone Base	B	175-210	Hole in limestone base	Fill / Patch hole	c	EA	2	b	h	\$500	2016	
B12	Stucco soffit at northeast entry	C	175-210	Deteriorated plaster at lights	Patch stucco after repairing roof leak	c	SF	5	b	h	\$800	2016	
B13	Entryway at northeast	C	175-210	Heaving stone paving / steps	Remove and Replace/Reset Stone	c	SF	6	b	h	\$1,500	2014	
B14	Stone Chimney at east REVIEW LOCATION?	C	175-210	Open Joints (misc.)	Grind and repoint joints	c	LF	50	b	h	\$2,500	2016	
B15	West Side near Exit 7	B	175-210	Spalled concrete	Remove spalled concrete, patch	c	SF	10	b	h	\$2,000	2016	
B16	West Side near Exit 7	B	175-210	Open Hole to Interior	Patch hole	c	Lump Sum		b	h	\$500	2016	
B17	West Side near Exit 7	B	175-210	Exposed corroded rebar	Remove corroded rebar, patch concrete	c	SF	10	b	h	\$2,500	2016	
B18	West Side near Exit 9	B	175-210	Water leak at soffit	Find source of leaking / repair soffit	c	Lump Sum		b	h	\$2,000	2016	
B19	West Side near Exit 9	B	175-210	Steel railing corroded	Remove corrosion, repaint	c	Lump Sum		b	h	\$2,000	2016	
B20	Music room circular bay	C	175-210	Leaky downspout and eroded mortar joints	Repair downspout, grind and point mortar joints	c	Lump Sum		b	h	\$1,000	2016	
B21	West entry Stair	C	175-210	Open joints at stone cap	Grind and seal joints	c	LF	20	b	h	\$400	2016	
B22	West entry Stair	C	175-210	Damaged stucco corner	Patch and repair	c	Lump Sum		b	h	\$500	2016	
B23	West entry Stair	C	175-210	No flashing visible	Remove cap, add flashing, reset	c	LF	15	b	h	\$2,000	2016	
B24	Roofing	B	175-210	General repairs of roof, flashing, sealants and parapits	repair roofing seams, flashing, sealants and parapits	c	Lump Sum		b	h	\$10,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$482,250

B. 10% Contingency: \$48,225

C. 10% AE Fees Allowance: \$53,048

D. Total Estimated Cost: \$583,523



Edgewood Middle School
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use:
 Review recommendations
 have been discussed with
 the Architect

Date
 Reviewer Initials

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Edgewood Middle School								
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A1	Classroom 118, Stor. 112b, Elec. Cl. 109a, Classroom 133, Jan Cl. 129a, Classroom 131, Green Screen Rm 102c, Stor. 02a, Mech 02, Elec-01a, Elec. 01b, Stor. 224a, Idf 215a, Jan Cl. 215d, Custodian 27, Jan Cl. 211a, Stage	A	175-295	Unsealed penetrations through rated walls	Provide fire sealant around penetrations	c	EA	62 +/-	b	a	\$6,200	07/14/15	f
A2													
A3	Chorus 205	A	175-220 185-370	Non-rated partition installed to underside of ceiling tile creating a dead-end corridor (approx. 35' long) @ south wall of room	Remove partition or provide rated partition connecting to adjacent exterior exit	b/e	LF	50 FT.	b	a	\$10,000	07/14/15	f
A4	Boiler Room 02 (Doors 02a & 02b)	A	175-285	Doors swing out from interior boiler room)	Provide new inswinging 90 min. Rated single leaf hm doors & frames	c	EA	2	b	a	\$4,000	07/14/15	f
A5	Northwest stair, 1st, 2nd & 3rd (doors 001e, 002v, 003a)	A	175-285	Doors & sidelites do not provide required fire separation	Provide new 60 min. Rated double leaf doors, frames & sidelites	c	EA	3	b	a	\$30,000	07/14/15	f
A6	Southwest stair, 1st, 2nd & 3rd (doors 001b, 002u, 003b)	A	175-285	Doors & sidelites do not provide required fire separation	Provide new 60 min. Rated double leaf doors, frames & sidelites	c	A	3	b	a	\$30,000	07/14/15	f
A7	DOORS 001G, 001L, 002A & 003C	A	175-285	Doors & sidelites do not provide required fire separation	Provide new 60 min. Rated double leaf doors, frames & sidelites	c	EA	4	b	a	\$40,000	07/14/15	f
A8	Doors 119A & 119B	A	175-285	Doors do not provide required fire separation	Provide new 90 min. Rated doors & frames	c	EA	2	b	a	\$10,000	07/14/15	f
A9	Door 108A	A	175-285	Doors do not provide required fire separation	Provide new 90 min. Rated doors & frames	c	EA	1	b	a	\$5,000	07/14/15	f
A10	Door 109A	A	175-285	Doors do not provide required fire separation	Provide new 90 min. Rated doors & frames	c	EA	1	b	a	\$5,000	07/14/15	f
A11	Computer Lab 102	A	175-285	Add second means of egress to room. Provide new 36" wide door leading to corridor	Provide new solid core door & frame in 1/2-hour rated wall	f	EA	1	b	a	\$10,000	07/14/15	f
A12	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building	f	Lump Sum		b	d	\$268,000		
C1	All HC ramps along Edgewood Road	C	IAC/ADA	Accessible ramps missing detectable warning	Install detectable warning tiles	e	EA	13	b	c	\$10,000		
C2	West leg of east drop off at Street	C	IAC/ADA	Accessible ramp not accessible	Remove and replace curb and ramp/sidewalk	e	EA	1	b	c	\$2,500		
C3	Paved Basketball Play area at NE	B	IAC/ADA	Concrete ramp at southeast corner and path at west are not HC accessible. Ramp has no railing and is steep and has no real terminus	Remove and replace path. Eliminate ramp	b,e	EA	2	b	c,g	\$25,000		
C4	Concrete plaza between building and main parking lot	C	IAC/ADA	Accessible ramp with no side flares poses tripping hazard. Detectable warning worn away	Remove and reinstall ramp with widened flares and detectable warning tiles	e	EA	1	b	c,g	\$5,000		
C5	Southeast corner of east parking lot	B	IAC/ADA	2 Accessible spaces do not have signage	Install signage	e	EA	2	b	c	\$1,000		
C6	Building at east parking lot	C	IAC/ADA	Ramp much too steep to be HC accessible. If not intended as accessible entrance, install sign denoting	Install signage or reconstruct ramp if intended to be HC accessible	f	EA	1	b	c,g	\$7,500		
C7	At gas meter on south face of building	C		Retaining wall is in excess of 24 inches and should have railing	Install railing	f	EA	1	b	a	\$1,500		

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C8	Parking Lots	B	IAC/ADA	3 HC accessible spaces insufficient for the number of spaces total in parking lots	Install striping/signage for additional spaces	f	EA	2	b	c,f	\$2,500		
E1	Mech 102D, Janitor, 101, 113A, Storage Rooms, 007D, 215A, 301, 321A	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	13	b	a	\$6,500		
E2	Mech 102D, 102, Mech 02	A	NEC 110	Exposed wiring	Cover wiring	f	EA	3	b	a	\$1,500		
E3	Corridors, Electrical Closet, Cafeteria, Mech 02, Stage	B	NEC 110	Electrical branch panel and feeder are at the end of their useful life.	Replace panel and feeder	c	EA	8	b	g	\$120,000		
E4	108, 007D	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	2	b	a			
E5													
E6													
E7	Toilet, Corridors	C	ADA	Space lacks fire alarm visual coverage	Add visual device	f	EA	3	b	a	\$1,500		
E8													
E9	113, Corridors, Stairs, Gym, 203	A	185.370	Space lacks emergency light coverage	Add emergency light	f	EA	15	b	a	\$7,500		
E10													
E11													
E12	115, 106, 217, 216, 306, 308, 305, 315, 316, 328	C	IFC	Space lacks emergency light coverage	Add emergency light	f	EA	10	b	a	\$5,000		
E13	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	2	b	a	\$4,000		
E14	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$130,000		
E15	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	13	b	h	\$100,000		
P1	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	4	b	h	\$20,000		
P2	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	2	b	c			
P3	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$1,000		
P4	Water service	B	Illinois Plumbing Code	Water sevice to the building is lacking backwater pretection.	Add backwater protection.	f	EA	1	b	h	\$10,000		
B1	Lintels	B	175-210	Corrosion and flaking paint	Clean and repaint		LF	800	b		\$8,000	2016	
B2	Limestone sills	C	175-210	Open joints	Grind and seal joints 100%		LF	500	b		\$10,000	2016	
B3	Soffits	C	175-210	Peeling paint	Scrape and repaint		SF	1200	b		\$12,000	2016	
B4	Windows	C	175-210	Perimeter sealant deteriorated	Reseal joints 100%		LF	1500	b		\$15,000	2016	
B5	Windows	C	175-210	Metal to Metal sealant deteriorated	Reseal joints 100%		LF	1000	b		\$10,000	2016	
B6	Windows	C	175-210	Torn screens / misc.	Replace screen		QTY	5	b		\$300	2016	
B7	Parapets	C	175-210	Open mortar joints	Grind and repoint		SF	100	b		\$2,000	2016	
B8	Parapets	C	175-210	Brick step cracking	Repoint cracks		LF	50	b		\$500	2014	

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B9	Brick walls-conditions occur throughout the facades at isolated locations; however, the majority of these are at the east portion of the building.	C	175-210	Eroded and deteriorated mortar joints	Grind and repoint		SF	500	b		\$10,000	2016	
B10	Brick walls-conditions occur throughout the facades at isolated locations; however, the majority of these are at the east portion of the building.	B	175-210	Spalling and cracking of bricks	Replace spalled and cracked bricks		SF	200	b		\$50,000	2016	
B11	Brick walls-conditions occur throughout the facades at isolated locations; however, the majority of these are at the east portion of the building.	B	175-210	Brick displacement at corroded lintel	Rebuild brick at lintel, install flashing		SF	20	b		\$5,000	2016	
B12	Concrete ledge slab south entry	C	175-210	Shifted/cracked concrete	Replace concrete		SF	60	b		\$9,000	2016	
B13	Retaining wall at south	C	175-210	Open, eroded mortar joints	Grind and repoint		SF	40	b		\$800	2014	
B14	Retaining wall at south	C	175-210	No flashing under coping	Remove coping, add flashing, reset		LF	15	b		\$1,875	2014	
B15	Exposed concrete at southeast	C	175-210	Cracking of concrete	Grind and seal cracks		LF	50	b		\$1,000	2016	
B16	Foundation at southeast	C	175-210	Concrete spalling	Patch spalls		SF	5	b		\$1,000	2016	
B17	Curtain wall at southeast	C	175-210	Perimeter sealant deteriorated	Reseal 100%		LF	150	b		\$2,700	2016	
B18	Brick sills at south & east	C	175-210	Freeze/thaw damage	Replace brick sills with limestone 100% / flash		LF	120	b		\$24,000	2016	
B19	Vents at east	C	175-210	Loose flashing	Replace flashing		LF	20	b		\$600	2016	
B20	Single-pane glazing at east wing	B	175-210	Deteriorated glazing seals	Replace glazing seals		LF	300	b		\$5,400	2016	
B21	Brick expansion joints	C	175-210	Deteriorated sealant	Replace sealant 100%		LF	200	b		\$3,600	2016	
B22	Window head at northwest entry	B	175-210	Exposed wood	Repair/protect wood		Lump Sum		b		\$1,000	2016	
B23	Foundation at northwest entry	C	175-210	Loose parging patches	Replace concrete		SF	10	b		\$1,000	2016	
B24	Doors at east	B	175-210	Corroded frames	Clean and repaint		SF	100	b		\$5,000	2016	
B25	Vents at east	C	175-210	Corrosion/damage	Clean and repaint/replace		SF	20	b		\$300	2016	
B26	South windows of gymnasium	B	175-210	Deteriorated frames	Replace		EA	12	b		\$15,000	2016	
B27	Windows at west addition	B	175-210	Aged, not energy efficient	Replace		Lump Sum		b		\$300,000	2020	
B28	Stone wall at roof	C	175-210	Deteriorated mortar joints	Repoint 100%		SF	700	b		\$14,000	2016	
B29			175-210										
B30	Roofing	C	175-210	General repairs of roof, flashing, sealants and parapits	repair roofing seams, flashing, sealants and parapits	c	Lump Sum		b	h	\$10,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

A. Estimated Subtotal: \$1,414,275

B. 10% Contingency: \$141,428

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Funding Codes F. Fire Prevention O. Other Funds

C. 10% AE Fees Allowance: \$155,570

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

D. Total Estimated Cost: \$1,711,273



Elm Place Middle School
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
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REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Elm Place Middle School								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	MUSIC ROOM 03, OFFICE 03A, JAN. CL. 123A, IDF 6	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	c	EA	20 +/-	B	A	\$2,000	07/14/15	F
A2	KITCHEN 11	A	175-285	OPENING IN WALL NEAR FIRE EXTINGUISHER	PATCH OR REPAIR OPENING	c	EA	1	B	A	\$5,000	07/14/15	O
A3	FITNESS 226	A	175-410E	NEW FITNESS ROOM DOES NOT HAVE TWO MEANS OF EGRESS TO THE CORRIDOR	PROVIDE NEW SINGLE LEAF EXIT DOORS (ONE TO CORRIDOR AT SOUTH WALL AND ONE TO THE EXTERIOR)	c	EA	2	B	A	\$20,000	07/14/15	F
A4	CLASSROOM 203A, CLASSROOM 210	A	175-410	CLASSROOMS DO NOT HAVE WINDOWS FOR SECONDARY EGRESS. ONLY ONE EGRESS DOOR IS PROVIDED PER CLASSROOM	INTRODUCE SECONDARY MEANS OF EGRESS	e	EA	4	B	A		07/14/15	F
A5													
A6	CENTRAL STAIR DOORS B-01C, 001K & 002E	A	175-285	FIRE RATING OF OPENING INSUFFICIENT FOR 2-HOUR FIRE SEPARATION	PROVIDE NEW 60 MIN. RATED DOUBLE DOORS & FRAMES	C	EA	3	B	A	\$30,000	07/14/15	F
A7	IMC	C	ADA 4.19.4	FLOOR FINISH AT TOP OF STEPS CREATES A POTENTIAL TRIPPING HAZZARD	RELEVEL STEPS WHEN REPLACING CARPET	C	EA		B		\$5,000	07/14/15	F
A8	BASEMENT TUNNEL	A	185-390	HOLES IN PLASTER AT BASEMENT TUNNEL	PATCH PLASTER TO PROVIDE SMOKE SEPARATION FROM STORAGE AND CRAWLSPACE AREAS	C	EA	3	B	A	\$450	07/14/15	F
A9	BOILER ROOM 09	A	185-390E2	BOILER ROOM DOORS SWING OUT INTO ADJACENT ROOM	PROVIDE NEW INSWINGING 90 MIN. RATED DOUBLE LEAF DOOR AND FRAME	C	EA	1	B	A	\$10,000	07/14/15	F
A10	DOOR 05A IN MECH. RM. 05	A	175-285	FIRE RATING OF OPENING INSUFFICIENT FOR 2-HOUR FIRE SEPARATION	PROVIDE NEW INSWINGING 90 MIN. RATED DOUBLE DOORS & FRAMES	C	EA	1	B	A	\$10,000	07/14/15	F
A11	CAFETERIA 01	A	174-410E	CAFETERIA HAS A SINGLE EXIT	PROVIDE NEW DOOR & FRAME TO CORRIDOR	C	EA	1	B	A	\$20,000	07/14/15	F
A12	GYM DOORS 113G	A	175-285	FIRE RATING OF OPENING INSUFFICIENT FOR 2-HOUR FIRE SEPARATION & DOORS DO NOT POSITIVELY LATCH	PROVIDE NEW 60 MIN. RATED DOUBLE DOORS & FRAMES	C	EA	2	B	A	\$20,000	07/14/15	F
A13													
A14	GYM 113	A	175-670	NO EXIT SIGN AT DOORS TO EXTERIOR	ADD NEW ELECTRICAL SIGN AND EXTERIOR LIGHTING	C	EA	1	B	A	\$350	07/14/15	F
A15	DOOR 8A AT AUDITORIUM BALCONY	A	175-285	DOOR HAS NO LOCK OR LATCH AND IS UNSECURE	REPLACE DOOR HARDWARE	C	EA	1	B	A, D	\$1,500	07/14/15	F
A16	DOOR B-01A	A	175-285	DOOR DOES NOT ENGAGE LATCH PROPERLY	REPAIR STRIKE AND LATCH	C	EA	1	B	A	\$500	07/14/15	F
A17	DOORS 126G, 126H, AND 31A	A	175-285	CHAIN LINK FENCE AND GATES SURROUND THE EXITS ON NORTH SIDE OF AUDITORIUM. GATES ARE NOT LOCKED, BUT PREVENT FREE EGRESS IN THE EVENT OF AN EMERGENCY	PROVIDE EXIT DEVICES ON GATES	F	EA	6	B	A	\$40,000	07/14/15	F
A18	Fire escape exits from second floor north wing	B		Existing exit blocked doors remain where fire escapes were removed	Remove existing doors and close existing openings with new wall construction.						\$10,000		
A19	Corridor north of IMC at insection with north-south corridor	C		Expansion & settlement at intersection of corridors. North corridor dropped by settlement	Remove portion of existing concrete slab and install new expansion joint and repair concrete.						\$5,000		
A20	IMC opend to corridor	C		? No seperation of space from corridor	Provide new aluminum and glass seperation wall with new double door between IMC and corridor.						\$20,000		

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Elm Place Middle School								
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A21	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building. Provide new wheelchair lift.	f	Lump Sum		b	d	\$188,750		
C1	Parking lot	B	IAC/ADA	No designated HC accessible spaces	Provide accessible space/signage and verify accessible path	f	EA	1	b	c	\$3,000		
C2	West side courtyard	C	IAC/ADA	Courtyard not accessible from exterior	Provide accessible ramp and path	e	EA	1	b	c	\$30,000		
C3	West side tunnel	C	IAC/ADA	Not accessible	Provide accessible ramp and path (assumes tunnel itself is acceptable)	e	EA	1	b	c	\$500,000		
E1													
E2	Mech 010	A	185.440b2	Emergency gas shutoff switch is missing for water heater	Add emergency shutoff switch	f	EA	1	b	a	\$500		
E3	IDF-First Floor, room by the entrance to Shared Band labeled IDF	C		IDF room is not properly cooled	Install additional cooling unit	f	EA	1	b	h	\$15,000		
E4	Stair, Storage, 116, 26, Gym, Music Office	A	185.370	Space lacks exit sign	Add exit sign	f	EA	6	b	a	\$3,000		
E5	Storage, 122, 120, IDF,	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	5	b	a	\$2,500		
E6	Refer to floor plans.	A	185.370	Space lacks emergency light coverage	Add emergency light	f	EA	20	b	a	\$10,000		
E7	Boy's Locker, Girl's Locker, Elevator Vestibules, Toilet, Office	C	ADA	Space lacks fire alarm visual coverage	Add visual device	f	EA	10	b	a	\$5,000		
E8	IMC Workroom, Storages, 116	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	4	b	a	\$600		
E9	IMC Workroom	A	NEC 110	Sink installed in front of the electrical panel.	Relocate electrical panel	d	EA	1	b	a	\$10,000		
E10	Mech	A	NEC 110	Mechanical equipment installed in front of the electrical panel	Relocate electrical panel	d	EA	1	b	a	\$10,000		
E11	116, Electrical Closet, Storage, Corridor, Classroom	B	NEC 110	Electrical panel and feeder are near their useful life.	Replace panel and associated conduit and feeders	f	EA	10	b	g	\$150,000		
E12	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	12	b	a	\$6,000		
E13	Science Rooms, ESL, Photo Lab, SWs, Computer Lab	C	IFC	Space lacks emergency light coverage	Add emergency light	f	EA	8	b	a	\$4,000		
E14	Storage	A	185.395	Space lacks fire alarm pull station	Add pull station	f	EA	1	b	a	\$1,000		
E14	All Classrooms and Main Office	B		Classroom intercom and clock system non-functional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$113,130		
E15	General Building requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	5	b	h	\$15,000		
M2	Fitness 226	C	-	The space is positively pressurized to the point that the door between Fitness 226 and the adjacent classroom is difficult to close.	Rebalance the air between Fitness 226 and adjacent classroom or provide transfer ducts between the two spaces.	f	EA	1	b	h	\$3,000		
M3	Kitchen	B	175.550	Stove is lacking exhaust hood.	Add exhaust hood.	f	EA	1	b	h	\$10,000		
M4	Kiln Room	B	185.488	The space does not have the required total room exhaust	Add exhaust.	f	EA	1	b	h	\$10,000		
P1	Water service	B	Illinois Plumbing Code	Water service to the building is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$10,000		
P2	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	5	b	c	\$1,250		

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P3	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	2	b	h	\$2,000		
B1	Parapet Corner at south	B		Open joints and cracking of brickwork	Rebuild cracked brick		SF	10	b		\$2,500	2014	
B2	Brick walls	B		Cracked and eroded mortar joints	Grind and repoint joints		SF	1000	b		\$20,000	2016	
B3	Brick walls	B		Spalling, cracked, and eroded brick	Rebuild / replace brick		SF	300	b		\$75,000	2016	
B4	Brick above south entrance	B		Efflorescence / leak	Repair gutter / roof and brick		Lump Sum		b		\$2,000	2014	
B5	Stone window sills	B		Open joints typical	Grind and reseal joints 100%		LF	500	b		\$10,000	2016	
B6	Windows	B		Deteriorated perimeter seals	Reseal, replace 100% perimeter joints		LF	1800	b		\$36,000	2016	
B7	South entrance lintel	B		Corrosion of steel	Remove corrosion, repaint		SF	20	b		\$300	2016	
B8	Masonry expansion joints at 1970 addition	B		Deteriorated sealant typical	Replace sealant		LF	500	b		\$10,000	2016	
B9	Parapet wall at south	B		Efflorescence	Clean		SF	50	b		\$300	2016	
B10	Large sliding glass doors at 1970 addition	B		Glazing seals open	Reseal glazing		LF	500	b		\$50,000	2016	
B11	Brick at lintels at 1970 addition- North and West facades outside of Fitness Rm 226	B		Cracks and displacement	Rebuild brick lintels		LF	100	b		\$50,000	2016	
B12	Planter coping at front	B		Open joints	Reseal joints		LF	30	b		\$600	2016	
B13	Fire escape stairs	B		Flaking paint	Repaint		EA	4	b		\$8,000	2016	
B14	Entry terrace knee wall	C		Efflorescence	Clean		SF	400	b		\$500	2016	
B15	Entry terrace knee wall	B		No flashing beneath coping	Remove coping, add flashing, reset		LF	80	b		\$10,000	2016	
B16	Exposed lintels	C		Flaking paint	Repaint		LF	800	b		\$8,000	2016	
B17	Second floor stone band at west	B		Cracked stone	Dutchman repair		SF	2	b		\$400	2016	
B18	Stone arcades at west	C		Open joints	Grind and repoint joints		LF	50	b		\$1,000	2016	
B19	Soffit	C		Deteriorated wood and paint	Repair and repaint		SF	800	b		\$8,000	2016	
B20													
B21	HVAC Intake at east - Outside Mech Rm 013	B		Wood frame deteriorated	Replace and repaint		LF	30	b		\$1,500	2016	
B22	Brick at lintel at east	B		Brick displaced / lintel corroded	Remove and reset / replace lintel / flash		LF	15	b		\$2,000	2016	
B23	Large chimney at east	B		Deteriorated brick and limestone	Rebuild brick and stone		SF	400	b		\$10,000	2016	
B24	Large chimney at east	B		Deteriorated / open mortar joints	Grind and repoint joints		SF	2000	b		\$40,000	2016	
B25	Limestone coping at 1920 building	C		Deteriorated sealant	Replace sealant		LF	400	b		\$8,000	2016	
B26	Coping cap at 1924 addition	C		Flashing falling out	Replace flashing		LF	15	b		\$300	2016	
B27	Roofing membrane at 1924 addition	B		Membrane loose in isolated locations	Secure / patch membrane		SF	200	b		\$4,000	2016	
B28	Mechanical penthouse	B		Siding badly deteriorated	Replace		SF	300	b		\$3,600	2016	
B29	Mechanical penthouse door	B		Door badly corroded	Replace		EA	1	b		\$5,000	2016	
B30	Roof drains	C		Strainer loose	Secure strainer		EA	10	b		\$200	2016	
B31	Small chimney at east	B		Chimney leans	Rebuild		Lump Sum	1	b		\$10,000	2016	
B32	Standing seam roof at south	C		Seals aged	Reseal		LF	200	b		\$4,000	2016	
B33	Soffits	C		Cracks in plaster	Repair cracks		LF	50	b		\$900	2016	
B34	Windows at 1923 and 1970 building	C		Not efficient	Replace with new		Lump Sum		b		\$400,000	2020	
B35	Roofing	C	175-210	General repairs of roof, flashing, sealants and parapits	repair roofing seams, flashing, sealants and parapits	c	Lump Sum		b		\$40,000	2016	
B36	Roofing	B		Aged roofing at 1970 addition	Replace with new		SF	30000	b		\$600,000	2014	

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Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal:	\$2,740,630
B. 10% Contingency:	\$274,063
C. 10% AE Fees Allowance:	\$301,469
D. Total Estimated Cost:	\$3,316,162



Green Bay EC & Admin.
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations Reviewer Initials
 have been discussed with
 the Architect

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Green Bay EC & Admin.								
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A1	HVAC 01A, STOR. 02A, ELEC 03A, BOILER 04A, MECH. 05A, IDF 100D, ELEC-CL. 107, OFFICE 112A, STOR. 123A	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	C	EA	26 +/-	B	A	\$2,600	07/14/15	F
A2	STOR. 123B, C, D AND GYM 123	A	175-220	WALL PARTITION BETWEEN STORAGE AREAS AND GYM IS REQUIRED TO BE 1/2 HOUR RATED. CURRENT PARTITION IS NOT RATED AND DOES NOT EXTEND UP TO UNDERSIDE OF ROOF STRUCTURE	1/2 HOUR RATING REQUIRED, IMPROVE WALL TO MEET RATING REQUIREMENT. EXTENDED TO UNDERSIDE OF ROOF DECK.	F	LF	90'	B	A	\$50,000	07/14/15	F
A3	STOR. 02A	B	175-290	STEEL DOOR 02A'S COUNTERWEIGHT CLOSER DOESN'T WORK	ADJUST BALANCE OF COUNTERWEIGHT TO ENSURE PROPER DOOR CLOSURE	F	EA	1	A	A		07/14/15	F
A4	STOR. 123D	A	175-210	SW CORNER OF ROOM HAS TWO VERTICAL CRACKS IN CMU WALL	INVESTIGATE REINFORCING & FOOTINGS. REPAIR MASONRY WALL	C	LF	50'	B	A	\$5,000	07/14/15	F
A5	STOR. 02A	A	175-285	DOOR FROM STORAGE TO BOILER ROOM HAS BEEN REMOVED. SPACES ARE NOT PROPERLY SEPARATED.	PROVIDE NEW 90 MIN. RATED DOOR & FRAME THAT SWINGS INTO BOILER ROOM	F	EA	1	B	A	\$5,000	07/14/15	F
A6	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$103,750		
A7	ELEC 03A	B	175-295	No separation between Electrical room and storage space.	Provide new 2 hour rated partition as separation between spaces.		Lump Sum		b		\$5,000		
C1	Northeast Parking Lot	B	IAC/ADA	Accessible space without sign	Install sign	f	EA	1	b	c	\$750		
C2	Southwest Parking Lot	B	IAC/ADA	Accessible space sign not within 5 ft of space and center of space	Install sign	f	EA	1	b	c	\$750		
C3	Southwest Parking Lot	C	IAC/ADA	Bollards may not allow for 16ft clear space required for HC parking space	Relocate bollards. Verify dimension	d	EA	2	b	c	\$3,200		
C4	Southeast Parking Lot	B	IAC/ADA	2 Accessible spaces have one sign, not centered on spaces	Install sign, relocate existing sign	f	EA	1	b	c	\$1,000		
E1													
E2	Storage, Stair, Toilet, Conference, Gym	A	185.370 175.480	Space lacks emergency lighting	Provide emergency light	f	EA	9	b	a	\$4,500		
E3													
E4	Elec Rm, Janitor Closet	B	NEC 110	Electrical branch panel and feeder are at the end of their useful life.	Replace panel and associated conduit and feeders	c	EA	4	b	g	\$60,000		
E5	Boiler	A	185.440b2	Boiler emergency gas shutoff switch is not labeled.	Provide label	c	EA	2	a	a	\$100		
E6	Mech	A	185.440b2	Emergency gas shutoff switch is not provided for water heater	Provide emergency shutoff switch for fuel burning equipment.	f	EA	1	b	a	\$500		
E7	Storage, Stair, Tech Dept.	A	185.370 175.480	Space lacks exit sign	Add exit sign	f	EA	4	b	a	\$2,000		
E8	Corridor, Tech Dept.	A	185.370 175.480	Exit sign points to wrong location	Replace exit sign	f	EA	3	b	a	\$1,000		
E9	Corridor, Stair, Storage, Mech. Loft	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	4	b	a	\$2,000		
E10	Toilets	C	ADA	Space is missing fire alarm visual coverage	Add visual device	f	EA	2	b	a	\$1,000		
E11	IDF	C		IDF room is overheating.	Install additional cooling unit	f	EA	1	b	h	\$15,000		
E12	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	11	b	h	\$5,500		

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E13	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$50,000		
E14	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	8	b	h	\$50,000		
M2	Kitchen 100C	B	175.550	Stove is lacking exhaust hood.	Add exhaust hood.	f	EA	1	b	h			
P1	Water service	B	Illinois Plumbing Code	Water sevice to the building is lacking backwater pretection.	Add backwater protection.	f	EA	1	b	h	\$10,000		
P2	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$1,000		
P3	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	13	b	h	\$65,000		
P4	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	10	b	c	\$2,500		
B1	Brick walls	B		Cracked brick	Replace brick		SF	100	b		\$25,000	07/08/05	
B2	Brick walls	B		Deteriorated mortar joints	Grind and repoint		LF	500	b		\$10,000	2016	
B3	Brick walls	B		Brick displacement at corners	Grind and repoint		SF	30	b		\$600	2016	
B4	Brick walls	B		Freeze/thaw cracking	Rebuild brick		LF	200	b		\$50,000	2016	
B5	Exposed concrete slab edge	B		Coating deteriorated	Recoat concrete		SF	400	b		\$2,000	2016	
B6	Exposed concrete slab edge	B		Cracks	Grind and seal cracks		LF	30	b		\$600	2016	
B7	Gym east brick wall	B		Corroded steel plates	Clean and paint steel		SF	8	b		\$300	2016	
B8	Steel windows at southwest	B		Isolated deteriorated glazing	Repair / replace glazing / repaint		LF	100	b		\$5,000	2016	
B9	Steel windows	B		Perimeter sealant missing	Reseal		LF	120	b		\$5,000	2016	
B10	Roof edge fascia at southwest	C		Deteriorated wood	Repair / replace wood / paint		Lump Sum		b		\$500	2016	
B11	Wood window at southeast	C		Unpainted wood	Clean and repaint		EA	1	b		\$200	2016	
B12	Standing seam metal roofs	B		Deteriorated sealant at brick interface	Reseal		LF	100	b		\$2,000	2016	
B13	Plaster soffits at west	B		Localized water damage	Repair damage / repaint soffits		Lump Sum		b		\$3,000	2016	
B14	Curtain wall frame	B		Deteriorated perimeter seals	Replace sealant		LF	800	b		\$16,000	2016	
B15	Grade-level asphalt base at west	B		Deteriorated	Repair/replace		SF	200	b		\$4,000	2016	
B16	Chimney			Open joints	Grind and repoint		SF	1000	b		\$30,000	2016	
B17	Brick lintels at north and south walls	B		Rust jacking / displacement	Remove/reset brick, replace / repaint lintel / flash		LF	50	b		\$15,000	2016	
B18	Foundation wall at south	B		Spalling of concrete	Patch spalls		SF	10	b		\$2,000	2016	
B19	Single-ply roofing membrane at 1929	B		Areas of loose and stretched membrane	Patch / replace		SF	800	b		\$16,000	2016	
B20	Plaster soffits at east	B		Deteriorated plaster	Replace		SF	50	b		\$1,500	2016	
B21	Limestone arch & trim at east	B		Open mortar joints	Grind and repoint		LF	300	b		\$34,000	2016	
B22	Wood trim - east	B		Weathered and localized deterioration	Restain / repair		Lump Sum		b		\$30,000	2016	
B23	Windows - long-term	C		Single-pane windows / aged	Replacement of windows				b		\$500,000	2020	
B24	Standing seam roof at west entry	C		Roofing trim damaged/bent gutter	Repair/replace		Lump sum		b		\$1,500	2016	
B25	Standing seam metal roof	C		Hail damage	Repair / replace		SF	300	b		\$7,500	2016	

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B26	Asphalt shingle roof	C		Shingles badly deteriorated	Replace shingles		SF	2500	b		\$25,000	2016	
B27	Typical exposed steel at window lintels	C		Rusting of exposed steel window lintels	Repair, replacement and re-painting of exposed window lintels		Lump sum		b		\$20,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

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Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$1,268,850

B. 10% Contingency: \$126,885

C. 10% AE Fees Allowance: \$139,574

D. Total Estimated Cost: \$1,535,309



Indian Trail Elementary
2015 Health Life Safety Report for North Shore School District 112
(IL Adm. Code 180, Sections 180.320)

For ISBE Use:
Review recommendations
have been discussed with
the Architect

Date
Reviewer Initials

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Indian Trail Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	MPR 01, BOILER 07, STORAGE 100A	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	C	EA	12 +/-	B	A	\$1,200	07/14/15	F
A2	CLASSROOM 130	A	175-285	WIRE GLASS FRAME AT CLASSROOM DOOR IS BENT OUT OF PLACE, CREATING A GAP IN THE DOOR	REPLACE THE GLASS FRAME	C	EA	1	B	A	\$750	07/14/15	F
A3													
A4	CORRIDOR DOOR NEAR CLASSROOM 428	A	175-285	DOUBLE DOORS AT SOUTH SIDE OF STAIR DO NOT CLOSE PROPERLY	ADJUST DOORS SO THAT THEY PROPERLY CLOSE	G	EA	2	B	A		07/14/15	F
A5	DOUBLE DOOR AT STOR. 100A	C	DOOR HARDWARE	FLUSH BOLTS AND LATCH REQUIRE REPLACEMENT	REPLACE FLUSH BOLTS AND LATCH	C	EA	2	B	A	\$1,000	TBD	F
A6	Northwest Entry Stairs	A		Concrete paving settling and uneven.	Remove and replace settling and uneven concrete paving and stairs						\$30,000		
A7	Patio area south of Classroom 127 & 129	A		Concrete paving tilting, settling and seperating from adjacent wall.	Remove and replace settling and uneven concrete paving.						\$15,000		
A8	Main entry lobby	A		No security vestibule exists for the buidling.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$134,500		
C1	Northwest entrance to building	B	IAC/ADA	Accessible space at NE corner of drop off has no detectable warning on ramp, flares pose tripping hazard. Sign not centered	Replace ramp with flared sides and detectable warning tiles. Relocate sign	d,e	EA	1	b	c	\$15,000		
C2	Northeast parking lot	B	IAC/ADA	Accessible signs not located correctly	Relocate signage as required within 5 ft of space	d	EA	1	b	c	\$500		
C3													
C4	Walk adjacent to play area does not have detectable warning where it meets the Southwest Parking Lot	B	IAC/ADA	No detectable warning at northeast corner	Install detectable warning tiles	f	EA	1	b	c	\$2,000		
E1	Art 03, Room 136, 134, 132, 130, Toilet, Teachers, Kitchen, Toilet	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	9	b	a	\$1,350		
E2	Janitor Closet, IDF, MDF, Corridor	B	NEC 110	The 3 feet working clearance in front of the electrical panel is not provided	Remove equipment to allow for working clearance.	f	EA	3	a	a	\$7,500		
E3	Corridors, Workroom, Stage, Toilet	C	ADA	Space lacks fire alarm visual coverage.	Add audio/visual device.	f	EA	4	b	a	\$2,000		
E4	Stair, Storage	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	2	b	a	\$1,000		
E5													
E6	Corridor	A	185.560	Exit sign points to wrong direction	Remove exit sign	b	EA	1	b	a	\$150		
E7	IDF	C		IDF room is overheating.	Install additional cooling unit	f	EA	1	b	h	\$15,000		
E8													
E9	Stairs, Room 127, Corridors, storage, IMC	A	185.370	Space lacks emergency lighting	Add emergency lighting	f	EA	9	b	a	\$4,500		
E10	Room 127	A	185.395	Space lacks fire alarm pull station	Add pull station	f	EA	1	b	a	\$500		
E11													

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Indian Trail Elementary								
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E12	Corridor, Room 127, Corridor	A	185.370	Space lacks exit sign	Add exit sign	f	EA	3	b	a	\$1,500		
E13	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$70,000		
E14	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation is to be provided via fan coil units to be consistent with the rest of the building	f	EA	7	b	h	\$40,000		
M2	Kiln Room	B	185.488	The space does not have the required total room exhaust	Add exhaust.	f	EA	1	b	h	\$10,000		
P1	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	3	b	h	\$3,000		
P2	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	28	b	c	\$7,000		
P3	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	16	b	h	\$80,000		
B1	Brick walls	B		Eroded cracked mortar	Grind and repoint		SF	500	b		\$10,000	2016	
B2	Limestone window sills	B		Deteriorated and open joints	Grind and reseal joints		LF	300	b		\$6,000	2016	
B3	Entry canopy	B		Warping wood	Replace		Lump Sum		b		\$5,000	2016	
B4	Soffit to wall transition at entry	B		Open sealant	Replace sealant		LF	8	b		\$500	2016	
B5	Glulam beams at entry	B		Previous minor deterioration	Repair / repaint		SF	6	b		\$500	2016	
B6	Stone piers to brick transition at 1955 addition	B		Cracked joints, previously sealed	Repair joint, replace sealant		LF	50	b		\$1,000	2016	
B7	Soffit	B		Signs of previous deterioration	Repair joint, repaint		SF	400	b		\$3,000	2016	
B8	Stone walls at 1955 addition	B		Cracked mortar joints	Grind and repoint		LF	200	b		\$10,000	2016	
B9	Fascia at 1955 addition	B		Rotting wood	Replace, repaint		SF	4	b		\$2,000	2016	
B10	Downspouts at 1955 addition	C		Corrosion	Clean, repaint		LF	80	b		\$2,000	2016	
B11	Downspouts at 1955 addition	C		Open joints	Remove mortar / seal		LF	200	b		\$4,000	2016	
B12	Foundation	B		Corroded steel bearing plates at stone piers	Clean and paint		Lump Sum		b		\$1,000	2016	
B13	Foundation	B		Cracked concrete	Repair cracks		LF	25	b		\$600	2016	
B14	Window sills at 1965 addition	B		Deteriorated sealant at glazing	Reseal joints		LF	500	b		\$10,000	2016	
B15	Brick knee wall at north and south walls of 1955 addition	B		Wall leaning 1.5" +/- (2 bays)	Rebuild / reinstall windows		EA	3 bays	b		\$40,000	2014	
B16	Planter wall	B		Open joints at coping	Reseal joints		LF	10	b		\$1,000	2016	
B17	Wall-mounted light at north entry	B		Water infiltration	Reseal		LF	4	b		\$500	2016	
B18	Doors and frames at gym	B		Corrosion	Clean and repaint		Lump Sum		b		\$2,000	2016	
B19	Glass block at gym	B		Cracked block	Replace, repoint		Lump Sum		b		\$1,500	2016	
B20													
B21	South brick wall at 1965 addition	B		Cracking and spalling / freeze thaw damage	Replace and repoint		SF	30	b		\$3,000	2016	
B22	Retaining wall at entry 9	B		Cracked concrete	Repair cracks		LF	15	b		\$500	2016	
B23													
B24	Metal curtain wall panels at 1992 addition east wall	B		Split panel seals	Reseal panel joints		LF	300	b		\$4,500	2016	
B25	Foundation	B		Loose termination bar at flashing	Replace termination bar		LF	120	b		\$2,400	2016	
B26	Foundation at south	B		Spalled concrete	Patch/repair		SF	2	b		\$500	2016	
B27	Concrete stoop at west	B		Spalled concrete	Patch/repair		SF	6	b		\$1,500	2016	
B28	Soffit at west	B		Deterioration of paint	Scrape and paint		SF	80	b		\$1,000	2016	
B29	Roof	B		Missing drain heads	Replace		Lump Sum		b		\$3,000	2016	
B30	Roofing expansion joint	B		Open seals	Replace seals		LF	40	b		\$1,000	2016	
B31	Coping at gym	B		Open seals	Replace seals		LF	100	b		\$2,000	2016	

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Indian Trail Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
B32	Roof	B		Deteriorated vents	Repaint		EA	2	b		\$1,000	2016	
B33	Courtyard	B		Rotted wood fascia	Replace		Lump Sum	-	b		\$5,000	2016	
B34	Roofing expansion joint	B		Roofing to metal seals deteriorated	Reseal		Lump Sum		b		\$8,000	2016	
B35	Typical exposed steel at window lintels	C		Rusting of exposed steel window lintels	Repair, replacement and re-painting of exposed window lintels		Lump sum		b		\$20,000	2016	
B36	Roofing	B		Aged roofing areas	Replace with new		SF	30000	b		\$600,000	2020	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal:	\$1,212,450
B. 10% Contingency:	\$121,245
C. 10% AE Fees Allowance:	\$133,370
D. Total Estimated Cost:	\$1,467,065



Lincoln Elementary
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations have been discussed with the Architect Reviewer Initials

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Lincoln Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	GYM 120	A	175-210	CRACK IN MASONRY RUNNING DOWN FROM BOTTOM OF ROOF STRUCTURE TO DOOR JAMB	REPAIR MASONRY WALL	C	LF	10	B	A	\$10,000	07/14/15	O
A2	CLASSROOM 207	A	175-285	OPEN VENT IN CEILING	REPLACE VENT COVER OR PATCH OPENING	C	EA	1	B	H	\$1,000	07/14/15	O
A3	WEST ATTIC	A	175-285	LARGE OPENING IN WALL BETWEEN FINISHED AND UNFINISHED ATTIC SPACE	INFILL WALL OPENING	C	SF	16 SF	B	A	\$5,000	07/14/15	O
A4	WEST ATTIC	A	175-210	LARGE CRACKS IN WALL ABOVE ATTIC STAIRCASE	INVESTIGATE FRAMING AND REPAIR. REPAIR PLASTER	C	Lump Sum	1	B	A	\$10,000	07/14/15	O
A5	GYM 120	C	WATER DAMAGE	EVIDENCE OF WATER DAMAGE ON END WALLS OF GYM NEAR ROOF. TUCK POINT AND CLEAN.	TUCK POINT AND CLEAN MASONRY WALLS	C	SF	1,250	B	H	\$18,750	07/14/15	O
A6	DOOR 03E (TOP OF STAIR LEADING TO MECH. RM. 03A)	A	175-285	INSUFFICIENT FIRE RATING	PROVIDE NEW SINGLE LEAF 90 MIN. RATED DOOR & FRAME	F	EA	1	B	A	\$5,000	07/14/15	F
A7	DOOR 001E	A	175-285	INSUFFICIENT FIRE RATING	PROVIDE NEW DOUBLE LEAF 90 MIN. RATED DOOR & FRAME	F	EA	1	B	A	\$5,000	07/14/15	F
A8	IMC Skylights			REVIEW EXISTING SKYLIGHT STRUCTURE									
A9	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$120,000		
C1	Site	B	IAC/ADA	No HC accessible spaces	Provide accessible spaces/signage for the number of parking spaces on site. Verify accessible path to entrance	f	EA	1	b	c	\$1,000		
B1	Classrooms 101, 201, 202, 204	A	175-285	Wood doors in exterior wall are in poor condition. Fire escapes have been removed, but doors remain (hardware has been removed)	Replace doors with new windows		Lump Sum		b		\$20,000	2016	
E1	Stairs, Kitchen, Corridors, IMC	A	185.370	Space lacks emergency light coverage	Add emergency light	f	EA	10	b	a	\$5,000		
E2	Mech 02	A	185.440b2	Emergency gas shutoff switch is missing for water heater	Add switch	f	EA	1	b	a	\$1,000		
E3	IMC	B	NEC 110	The 3 feet working clearance in front of the electrical panel is not provided	Remove equipment to allow for working clearance.	f	EA	1	a	a	\$7,500		
E4	117, Stair	C	ADA	Space lacks fire alarm visual coverage.	Add audio/visual device.	f	EA	1	b	a	\$500		
E5	Storage Rooms, Stair, 201A, 209A, Corridors	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	7	b	a	\$3,500		
E6	Toilet	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	1	b	a	\$150		
E7													
E8													
E9													
E10	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	8	b	h	\$4,000		
E11	Classrooms	C		Space lacks smoke detection coverage	Add smoke detector	f	EA	2	b	a	\$1,000		
E12													
E13	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$50,000		
E14	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	3	b	h	\$25,000		
M2	Kiln Room	B	185.488	Space lacks exhaust.	Add exhaust.	f	EA	1	b	h	\$10,000		

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Lincoln Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
M3	Kitchen	B	175.550	Stove is lacking exhaust hood.	Add exhaust hood.	f	EA	1	b	h	\$10,000		
P1	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	7	b	c	\$1,750		
P2	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	2	b	h	\$10,000		
P3	Water service	B	Illinois Plumbing Code	Water service to the building is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$10,000		
P4	Art 002	B	Illinois Plumbing Code	The traps associated with the two large sinks don't appear to be vented.	Add vent piping.	f	EA	1	b	h	\$5,000		
B1	Brick walls, typ.	B		Cracking / freeze-thaw damage	Rebuild cracked brick		SF	150	b		\$37,500	2016	
B2	Brick walls	B		Efflorescence	Clean		SF	150	b		\$2,000	2016	
B3	Brick walls	B		Open mortar joints	Grind and repoint		SF	1000	b		\$20,000	2016	
B4	Brick walls	B		Displaced brick at lintels	Repair lintels / replace brick / flash		LF	50	b		\$12,500	2016	
B5	Limestone window sills	B		Open stone joints	Grind and seal		LF	150	b		\$3,000	2016	
B6	Windows	B		Deteriorated perimeter sealant	Replace perimeter sealant 100%		LF	2600	b		\$30,000	2016	
B7	Lintel	B		Flaking paint / Corrosion	Clean and repaint 100%		LF	600	b		\$5,000	2016	
B8	Wood dentils / cornice	B		Flaking paint	Scrape and repaint		SF	600	b		\$5,000	2016	
B9	Railing above west entry	B		Rotted wood	Replace rotted portions 100% and repaint		Lump Sum		b		\$2,000	2014	
B10	Brick piers above west entry	B		Open joints at backside	Grind and repoint		SF	30	b		\$600	2014	
B11	Entryways and limestone band	B		Open joints	Grind and repoint		LF	20	b		\$500	2014	
B12	Coping at north stairwell	B		No flashing present / efflorescence on brick	Reset copings / install flashing / clean efflorescence		LF	8	b		\$1,500	2016	
B13	Door	B		Corrosion	Clean and repaint		SF	20	b		\$500	2016	
B14	Fire escapes	B		Flaking paint	Repaint		Lump Sum		b		\$1,500	2016	
B15	Wood trim at east addition bays	C		Deteriorated wood and paint	Repair / replace wood and repaint		Lump Sum		b		\$2,000	2016	
B16	Stucco spandrels at east addition bays	B		Cracking	Repair cracks and repaint		LF	6	b		\$3,000	2016	
B17	Iron gate at courtyard	C		Needs repainting	Clean and repaint		Lump Sum		b		\$1,500	2016	
B18	Windows at 1999 addition	B		Poor glazing seals	Replace glazing seals		LF	800	b		\$8,000	2016	
B19	Attic window at south addition	B		Wood window in poor condition	Replace window		EA	1	b		\$1,500	2016	
B20	Limestone copings	B		Open joints	Reseal joints		LF	160	b		\$3,200	2016	
B21	Single ply roof membrane	B		Loose / stretched membrane	Patch / replace portion		SF	80	b		\$2,000	2016	
B22	East attic windows at 1909 building	B		Wood windows in poor condition	Replace windows		EA	2	b		\$3,000	2016	
B23	Metal roofs at bay	B		Corrosion	Replace with new		Lump Sum		b		\$6,000	2016	
B24	Modified bitumen roofing	B		Portions aged and deteriorated	Replace with new single ply		SF	1000	b		\$20,000	2016	
B25	Roof at 1924 addition	B		Perimeter seals poor	Replace seals		LF	500	b		\$5,000	2016	

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Lincoln Elementary								
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B26	Roof at 1924 addition	B		Rusty louvers	Replace		EA	3	b		\$5,000	2016	
B27	Doors at 1909 building	B		Doors instead of windows	Replace with windows		EA	4	b		\$10,000	2016	
B28	Roofing	B		General maintenance					b		\$10,000	2016	
B29	Roofing	B		Aging modified bitumen	Replace with new single ply		SF	15000	b		\$300,000	2020	
B30	Masonry work at entry	B		Repair masonry work at entry	Repair and replace wood trim and masonry		Lump Sum				\$10,000		

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal:	\$866,950
B. 10% Contingency:	\$86,695
C. 10% AE Fees Allowance:	\$95,365
D. Total Estimated Cost:	\$1,049,010



Northwood Middle School
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations have been discussed with the Architect Reviewer Initials

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Northwood Middle School								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	CLASSROOM 109, CLASSROOM 101, CLASSROOM 120, ART 129, FITNESS 131, BOILER 147A, CUSTODIAN 146A, STORAGE 144A, STORAGE-2A, MECHANICAL-2B, STORAGE 2-C	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	C	EA	40 +/-	B	A	\$4,000	07/14/15	F
A2	DOOR 001D	A	175-285	RIGHT HAND DOOR LEAF IS HEAVILY DAMAGED	REPLACE DOOR LEAF	C	EA	1	B	A	\$3,000	07/14/15	F
A3	DOOR 2-A	A	175-285	FIRE RATING OF OPENING INSUFFICIENT FOR 2-HOUR FIRE SEPARATION	PROVIDE NEW 60 MIN. RATED DOUBLE DOORS & FRAMES	C	EA	1	B	A	\$10,000	07/14/15	F
A4	DOORS 1-D & 1-E	A	175-285	FIRE RATING OF OPENING INSUFFICIENT FOR 2-HOUR FIRE SEPARATION	PROVIDE NEW 90 MIN. RATED DOUBLE DOORS & FRAMES	C	EA	1	B	A	\$10,000	07/14/15	F
A5	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$277,500		
C1	North Ave. drop-off easternmost parking spaces	C	IAC/ADA	Accessible spaces appear steeper than the required 2% slope.	Regrade and replaces pavement	e	EA	1	b	c,f	\$8,000		
C2	East parking Lot	C	IAC/ADA	Accessible ramp SE corner no detectable warning tiles. Cracked concrete	Install detectable warning tiles	f	EA	1	b	c	\$1,000		
C3	East parking Lot	C	IAC/ADA	Accessible ramp SW corner no detectable warning tiles.	Install detectable warning tiles	f	EA	1	b	c	\$1,000		
C4	North Ave. drop-off	C	IAC/ADA	Accessible ramp along dropoff no detectable warning	Install detectable warning tiles	f	EA	1	b	c	\$1,000		
E1	Toilets, Storage Rooms, Janitor Closet, Room 127	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	9	a	a	\$1,350		
E2	Room 127	A	185.395d4	Fire alarm AV is installed behind whiteboard	Relocate device	d	EA	1	b	a	\$500		
E3	Boiler, SW, Room 128, 109	A	NEC 110	Open junction box	Provide cover plate	e	EA	4	a	a			
E4	Computer Lab, Rom 126	A	NEC 110	Open speaker	Provide cover plate	e	EA	2	a	a			
E5	Room 107, 133	A	185.395d4	Fire alarm AV is blocked by boxes	Remove boxes	d	EA	2	a	a			
E6	Mech, Corridor, Greenhouse	C	ADA	Space lack fire alarm visual coverage	Add fire alarm visual device	f	EA	3	b	a	\$3,000		
E7	Corridors, Gym-1, Nurse, Room 129, 119, 121, 123, 125,	A	185.570	Space lack emergency lighting	Add emergency lighting	f	EA	10	b	a	\$5,000		
E8	Corridors, Courtyard	A	185.560	Space lacks exit signs	Add exit sign	f	EA	3	b	a	\$1,500		
E9	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	12	b	h	\$6,000		
E10	Corridor	A	185.395	Space lacks fire alarm pull station	Add pull station	f	EA	1	b	a	\$500		
E11	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$84,000		
E12	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	7	b	h	\$70,000		

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Northwood Middle School								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
P1	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	2	b	h	\$10,000		
P2	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	8	b	c	\$2,000		
P3	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$1,000		
P4	Water service	B	Illinois Plumbing Code	Water service to the building is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$10,000		
B1	Windows / doors	B		Deteriorated perimeter sealant	Reseal window perimeter 100%		LF	2000	b		\$20,000	2016	
B2	Brick walls	B		Cracked joints and freeze / thaw damage	Repair / replace damaged brick		SF	50	b		\$12,500	2016	
B3	Brick walls	B		Open mortar joints	Grind and repoint		LF	1000	b		\$20,000	2016	
B4	Limestone sills	B		Open joints	Grind and seal		LF	300	b		\$6,000	2016	
B5	Cast iron downspouts	B		Flaking paint / galvanic corrosion	Clean and repaint		SF	100	b		\$2,000	2016	
B6	Roof soffit to wall transition	B		Open seal at roof flashing	Reseal		LF	20	b		\$1,000	2016	
B7	Metal spandrel panels	B		Corrosion and pinholes	Replace panels		EA	10	b		\$10,000	2016	
B8	Metal spandrel panels	B		Poor perimeter seals	Reseal perimeter		LF	400	b		\$8,000	2016	
B9	Metal doors at entry #5	B		Paint damage / corrosion	Clean and repaint		SF	20	b		\$500	2016	
B10	Soffits	B		Water damage	Repair soffit after replacing roof		Lump Sum		b		\$2,000	2016	
B11	Soffits	B		Corrosion	Clean and repaint		SF	10	b		\$500	2016	
B12	Brick expansion joint	B		Deteriorated sealant	Replace sealant		LF	400	b		\$8,000	2016	
B13	Brick walls	B		Damage / holes	Replace damaged brick, repoint		SF	10	b		\$2,500	2016	
B14	Roof membrane at 2004 addition	B		Clogged drains / severe ponding	Unclog drains, ensure proper drainage		Lump Sum		b		\$4,000	2016	
B15	Parapet	B		Damaged cap	Replace cap		LF	50	b		\$5,000	2016	
B16	Door sill at penthouse	B		Inadequate flashing	Reflash		LF	6	b		\$2,000	2016	
B17	Metal panel walls at penthouse above and to west of Gym 1 at southeast quadrant of school.	C		Flaking paint	Clean and repaint		SF	40	b		\$1,000	2016	
B18	Fascia at penthouse above and to west of Gym 1 at southeast quadrant of school.	C		Split seal	Reseal		LF	15	b		\$500	2016	
B19	Roof stack	B		Corrosion	Clean and repaint		SF	8	b		\$500	2016	
B20	Metal doors	B		Corrosion at threshold / jambs	Clean and paint		Lump Sum		b		\$2,000	2016	
B21	Roofing	B		General maintenance							\$40,000	2016	
B22	Roofing at north, west and south wings	B		Aged / deteriorated	Install new roof		SF	50000	b		\$1,000,000	2016	

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Northwood Middle School								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal:	\$1,673,350
B. 10% Contingency:	\$167,335
C. 10% AE Fees Allowance:	<u>\$184,069</u>
D. Total Estimated Cost:	\$2,024,754



Oak Terrace Elementary
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations Reviewer Initials
 have been discussed with
 the Architect

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Oak Terrace Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	ELECTICAL VAULT 12	A	175-295	TOP OF WALL UNDER BEAM IS NOT SEALED	PROVIDE FIRE SEALANT BETWEEN TOP OF WALL AND UNDERSIDE OF BEAM	C	LF	27	B	A	\$2,700	07/14/15	F
A2	WEST STAIRWELL	A	175-265	BOTTOM LEVEL OF STAIR USED AS STORAGE	CLEAR ITEMS FROM STAIRWELL	D	EA	1	A	A		07/14/15	O
A3	DOOR 001N	A	175-285	INSUFFICIENT FIRE RATING	PROVIDE NEW SINGLE LEAF 60 MIN. RATED DOOR & FRAME	F	EA	1	B	A		07/14/15	F
A5	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$48,750		
C1	Central Ave entrance	C	IAC/ADA	Edges of walks at returns pose tripping hazard	Regrade areas and restore surface	f	EA	2	a,b	a	\$2,000		
C2	Site Parking	B	IAC/ADA	Insufficient number of accessible spaces for the parking spaces on site	Add additional HC space and signage and if necessary an accessible path	f	EA	1	b	c	\$5,000		
C3	Southwest of building	C	IAC/ADA	Edges of walks at returns pose tripping hazard	Regrade areas and restore surface	f	EA	1	a,b	a	\$2,000		
C4	West of paved Play Surface east of building	C	IAC/ADA	edges of walks at returns pose tripping hazard	Regrade areas and restore surface	f	EA	1	a,b	a	\$2,000		
E1	Music 09	A	NEC-110	Raceway end caps are missing	Install end caps.	e	EA	2	b	a			
E2	Corridor	A	BOCA-F	Missing smoke detectors by the door hold open.	Add smoke detectors	f	EA	2	b	a	\$1,000		
E3	120, 121, 122	A	BOCA-F	Space lacks exit sign	Add exit sign	f	EA	3	b	a	\$2,500		
E4	120, 121, 122, 152, 129A, 129B, 229A, 229B, 215A, 215B, 116A, 116B, ART 05, ART 06, Kitchen	A	BOCA-F	Space lacks emergency light	Add emergency light	f	EA	15	b	a	\$10,000		
E5	104, 105, 204, 205, 207	A	NEC 400	Cord routed through the lay in ceiling and connected to receptacle above the ceiling.	Remove cord and install receptacle flush in the ceiling.	d	EA	5	b	a	\$3,000		
E6	230	A	NEC-110	The 3 feet working clearance required in front of the panel is not provide. Copy machine installed in front of the panel.	Relocate copy machine.	d	EA	1	a	a	\$0		
E7	240, 238	A	NEC 110	Floor boxes are damaged.	Replace floor boxes	c	EA	14	b	a	\$7,000		
E8	103	C		IDF Room is not properly cooled.	Install additional cooling unit	f	EA	1	b	h	\$15,000		
E9	403	A	NEC-110	Open junction box	Provide cover plate	e	EA	1	a	a			
E10	LD Resources	A	ADA	Space lacks fire alarm visual coverage	Add fire alarm visual device	f	EA	1	b	a	\$500		
E11	Exterior Doors	A	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	6	b	h	\$5,000		
E13	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$86,000		
E14	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	8	b	h	\$80,000		
M2	Refer to floor plans.	C	-	Air handler casing is leaking supply air.	Patch holes.	c	EA	1	b	b	\$2,000		
P1	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	1	b	c	\$250		
B1	Window frames	C		Poor adhesion of window perimeter sealant to masonry	Remove existing sealant, reapply sealant as necessary		LF	5000	b		\$50,000	2016	
B2	Second floor coping	B		Open wash joints	Apply Sealant		LF	1500	b		\$15,000	2016	

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Oak Terrace Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
B3	First floor exposed lintels	B		Peeling paint	Scrape and repaint		SF	1000	b		\$3,000	2016	
B4	First floor brick return	C		Efflorescence	Clean		SF	10	b		\$500	2016	
B5	Below planter copings	B		Efflorescence	Clean		SF	20	b		\$1,000	2016	
B6	Planter copings	B		No flashing visible	Remove coping, apply flashing, reset		LF	50	b		\$10,000	2016	
B7	Second floor windows	C		Damaged mullions	Repair, repaint		Lump Sum		b		\$5,000	2016	
B8	Roofing	B		General maintenance					b		\$10,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$384,200

B. 10% Contingency: \$38,420

C. 10% AE Fees Allowance: \$42,262

D. Total Estimated Cost: \$464,882



Ravinia Elementary
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations Reviewer Initials
 have been discussed with
 the Architect

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Ravinia Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	ELEC. 01A, MECH. 11, STORAGE 115A, STORAGE 113A, CLOSET 111A, CUSTODIAN 119A, CLOSET 214A, STORAGE 203	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	c	EA	34 +/-	B	A	\$3,400	07/14/15	F
A2	IMC 215A	A	175-285	NON-RATED WINDOWS IN RATED WALL	REPLACE WITH RATED WINDOWS	e	EA	3	B	A	\$9,000	07/14/15	F
A5	Doors from 101, 103 and 105 to corridor need to be recessed.	A		Doors swing into the corridor path of egress	Rebuild wall and replace door to provide recess pocket for door swing.	e	EA	3	b		\$30,000		
A6	Doors from 114, 115, 115A & 118 to corridor need to be recessed.	A		Doors swing into the corridor path of egress	Rebuild wall and replace door to provide recess pocket for door swing.	e	EA	4	b		\$40,000		
A7	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$33,750		
A8	Main entry stairs	A		Existing exterior stairs cracked and deteriorating and handrails rusted	Repair existing exterior stairs and handrails	f	Lump Sum				\$20,000		
C1	Roger Williams Ave Drop off loop sidewalks at returns	C	IAC/ADA	Accessible ramps have no flares where perpendicular to adjacent walk creating tripping hazards	Remove and replace ramps with flares. Install detectable warning	e	EA	2	b	c	\$15,000		
C2	Roger Williams Ave Drop building entrance	B	IAC/ADA	Accessible ramp at entrance has no detectable warning surface	Install detectable warning surface	f	EA	1	b	a	\$1,250		
C3	Ramp north end of building	C		Retaining wall forming ramp has no railing at top posing potential hazard	Install railing at top of retaining wall	f	EA	1	b	c	\$5,000		
C4	Parking lot NE corner of building	B	IAC/ADA	One additional Accessible space required for the number of designated spaces. Existing space sign not within 5 ft of center of space	Add additional Accessible space and signage. Relocate existing sign	f	EA	1	b	c	\$3,500		
E1	009A, Stair, Corridors, MPR 123, 105, 103, 101, 102, 104, 113, Stair, Mech, Storage	A	185.370	Space lacks emergency lighting	Provide emergency light	f	EA	15	b	a	\$7,500		
E2	011A, Stairs, Storage Rooms, MPR123, Corridors, Attic	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	30	b	a	\$15,000		
E3	009, 105, 106, 116	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	a	EA	5	b	a	\$750		
E4	Corridor, Storage, 001A, 114	A	NEC 110	Open junction box	Provide cover plate	e	EA	4	a	a			
E5	114	A	185.395	Fire alarm pull station is not accessible	Relocated pull station	d	EA	1	b	a	\$500		
E6	Storage Rooms	A	NEC 110	The 3 feet clearance required in front of the electrical panel is not provided.	Remove equipment if front of the panel	f	EA	1	a	a	\$7,500		
E7	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	6	b	h	\$4,000		
E8	111, 119	C	IFC	Space lacks smoke detection coverage	Add smoke detector	f	EA	2	b	a	\$1,000		
E9	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$51,000		
E10	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	9	b	h	\$50,000		

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Ravinia Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
M2	Remove old HVAC equipment located on roof at north end of building.												
P1	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	4	b	h	\$20,000		
P2	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	2	b	h	\$2,000		
P3	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	1	b	c	\$250		
B1	Windows	C		Perimeter sealant poor, especially at sills	Reseal 100%		LF	4500	b		\$45,000	2016	
B2	Brick walls	C		Open and deteriorated mortar joints	Grind and repoint		SF	1000	b		\$20,000	2016	
B3	Brick walls at west	C		Cracked and freeze / thaw damaged brick	Replace brick		SF	300	b		\$75,000	2016	
B4	Brick sills	B		Open mortar joints	Grind and repoint		LF sill	60	b		\$6,000	2016	
B5	Brick sills	B		Damaged brick	Replace brick sills / flash		LF	30	b		\$12,000	2016	
B6	Metal handrail at south entry	B		Corroded rail posts, concrete damage	Clean and paint rail posts, repair concrete		Lump Sum	10	b		\$5,000	2016	
B7	Gable louver at south	B		Peeling paint	Scrape and repaint		SF	30	b		\$1,500	2016	
B8	Arched transom at door #4	B		Aged wood transom	Repair / replace / paint		Lump Sum		b		\$3,000	2016	
B9	Concrete stoop at door #4	B		Concrete stoop settled	Replace concrete stoop		Lump Sum		b		\$3,000	2016	
B10	Steel lintel	C		Corrosion	Clean and paint		SF	200	b		\$5,000	2016	
B11	2nd floor doorway at north	B		Wood framing in poor condition	Replace door with window		SF	5	b		\$5,000	2016	
B12	Windows at north bay	C		Peeling paint	Scrape and repaint		SF	25	b		\$1,500	2016	
B13	Windows at north bay	C		Deteriorated wood	Repair / Replace		Lump Sum		b		\$1,000	2016	
B14	Steel door at freestanding building at Greenhouse	B		Corroded steel doors (2) with spalled concrete sill	Replace door / replace concrete sill		Lump Sum		b		\$5,000	2016	
B15	Steel door at freestanding building at Greenhouse	B		Sealant joints at base flashing poor	Reseal		LF	150	b		\$3,000	2016	
B26	Wood doors at 1999 addition	B		Flaking paint	Scrape and repaint doors		SF	160	b		\$4,000	2016	
B27	Limestone sills	B		Open joints	Grind and seal joints		LF	40	b		\$1,600	2016	
B28	Roofing	B		General maintenance			Lump Sum		b		\$40,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$572,000

B. 10% Contingency: \$57,200

C. 10% AE Fees Allowance: \$62,920

D. Total Estimated Cost: \$692,120



Red Oak Elementary
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations Reviewer Initials
 have been discussed with
 the Architect

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Red Oak Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	STORAGE 104B, OFFICE 140, CUSTODIAN 143A, STORAGE 145, STORAGE 108E, STORAGE 104C, STORAGE 222A	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	C	EA	25+/-	B	A	\$2,500	07/14/15	F
A2	CLASSROOM 107	A	175-285	IN THE SOUTHWEST CORNER OF THE ROOM, THE WINDOW TERMINATES BEFORE REACHING THE WALL, LEAVING A 6" OPEN GAP BETWEEN THE CLASSROOM AND CORRIDOR	PROVIDE RATED MATERIAL TO COVER OPENING	C	EA	1	B	A	\$5,000	07/14/15	F
A3	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$248,000		
C1	Circle Drive	B	IAC/ADA	No Detectable Warning on HC Ramp	Install detectable warning tiles	f	EA	1	b	c	\$1,000		
C2	Circle Drive	B	IAC/ADA	Accessible Parking sign greater than 5 ft from parking space	Relocate sign	f	EA	1	b	c	\$750		
C3	Southeast Parking Lot	B	IAC/ADA	Accessible Parking sign greater than 5 ft from parking space	Relocate sign	f	EA	1	b	c	\$750		
C4	NW portion of building	B	IAC/ADA	No railing on ramp	Install Railing	f	EA	1	b	c	\$5,000		
C5	Center of southern driveway	B	IAC/ADA	Ramp with vertical flares potential tripping hazard, no detectable warning	Widen ramp flares, install detectable warning tiles	c,f	EA	1	b	c	\$1,500		
C6	Southern driveway at west end of building	C		Collapsed pavement around catch basin	Repair pipe/basin, replace pavement	c	EA	1	b	a,f	\$3,500		
E1	Corridors, Kitchen, Receiving, MPR, IMC	A	185.370	Space lacks emergency light coverage	Add emergency light	f	EA	9	b	a	\$5,000		
E2	Gym, SW, Corridor	A	NEC 110	Open junction box	Provide cover plate	e	EA	3	a	a			
E3	Teachers	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type	f	EA	1	b	a	\$500		
E4	Storages	A	185.395	Space lacks smoke detection coverage	Add smoke detector	f	EA	3	b	a	\$1,500		
E5	Boiler	A	185.440b2	Emergency gas shutoff switch is missing	Provide gas shutoff switch	f	EA	1	b	a	\$5,000		
E6	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	10	b	h	\$5,000		
E7	Corridor	A	185.560	Space lacks exit signs	Add exit sign	f	EA	1	b	a	\$500		
E8	All Classrooms and Main Office	B		Classroom intercom and clock system non-functional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$59,000		
E9	General Building requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	2	b	h	\$20,000		
M2	Kiln Room	B	185.488	The space does not have the required total room exhaust	Add exhaust.	f	EA	1	b	h	\$10,000		
P1	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	6	b	c	\$1,500		
P2	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	1	b	h	\$5,000		
P3	Water service	B	Illinois Plumbing Code	Water service to the building is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$10,000		

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Red Oak Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
B1	Brick walls	B		Eroded and deteriorated mortar joints	Grind and repoint		LF	1000	b		\$30,000	2016	
B2	Brick walls	B		Damaged, cracked brick	Replace damaged brick		SF	300	b		\$75,000	2016	
B3	Windows and doors	B		Deteriorated perimeter sealant	Reseal perimeter joints 100%		LF	4000	b		\$40,000	2016	
B4	Concrete columns	B		Spalling	Patch / repair / repaint		SF	0	b		\$5,000	2016	
B5	Brick to concrete transition	B		Deteriorated seal	Reseal joints		LF	300	b		\$3,000	2016	
B6	Brick sign wall at front	B		Freeze / thaw damage of glazed brick	Replace wall w/ new		SF	10	b		\$5,000	2016	
B7	Windows	B		Open gaskets at corners	Seal open gasket		Lump Sum		b		\$10,000	2016	
B8	Brick expansion joint	B		Failed sealant	Reseal joints		LF	100	b		\$1,500	2016	
B9	Brick walls at west wing	B		Displaced brick and rust jacking above windows	Replace brick / flash lintels		LF	30	b		\$8,000	2016	
B10	Vents	B		Corroded steel	Clean and repaint		SF	6	b		\$1,200	2016	
B11	Lintels	B		Corrosion	Clean and repaint		LF	200	b		\$4,000	2016	
B12	Soffit	B		Damaged soffit panel	Repair / replace		Lump Sum		b		\$1,000	2016	
B13	Pipes at chimney	B		Corrosion	Clean and repaint		SF	10	b		\$2,000	2016	
B14	Concrete curb	C		Deterioration / rusted grating	Replace concrete and grate		Lump Sum		b		\$4,000	2016	
B15	A/C unit thru brick	B		Open perimeter joints	Reseal 100% joints		LF	8	b		\$1,600	2016	
B26	Foundation	B		Damaged concrete	Repair concrete		SF	10	b		\$5,000	2016	
B27	Roofing	B		General maintenance			Lump Sum		b		\$10,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$612,300

B. 10% Contingency: \$61,230

C. 10% AE Fees Allowance: \$67,353

D. Total Estimated Cost: \$740,883



Sherwood Elementary
2015 Health Life Safety Report for North Shore School District 112
 (IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
 Review recommendations have been discussed with the Architect Reviewer Initials

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Sherwood Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	STORAGE 26, STORAGE 28, OFFICE 29, OFFICE 31, MECH. 24, BOILER 47, MECH. 22B, GYM 21	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	C	EA	25+/-	B	A	\$2,500	07/14/15	F
A2	LD 18A, SMALL GROUP 18B, CUSTODIAN 18C, BOYS 18D, GIRLS 18E	A	175-210	3/8"-1/2" GAP HAS FORMED BETWEEN BOTTOM OF BEAMS AND TOP OF CMU WALLS	INVESTIGATE REINFORCING & FOOTINGS. REPAIR MASONRY WALL	C	LF	144'	B	A	\$36,000	07/14/15	O
A3	DOOR 001C (NW CORRIDOR NEAR ENTRY)	A	175-285	INSUFFICIENT FIRE RATING	PROVIDE NEW DOUBLE LEAF 90 MIN. RATED DOOR & FRAME	C	EA	1	B	A	\$10,000	07/14/15	F
A4	DOOR 21B (GYM 21)	A	175-285	INSUFFICIENT FIRE RATING	PROVIDE NEW DOUBLE LEAF 90 MIN. RATED DOOR & FRAME	C	EA	1	B	A	\$10,000	07/14/15	F
A5	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$91,250		
C1	Northeast corner of bus drop off	C	IAC/ADA	Single accessible space has no signage or ramp for access/ No detectable warning. Insufficient width for space	Reconstruct walk and add signage to accommodate space.	e,f	EA	1	b	c	\$2,000		
C2	Bus dropoff at entrance	B	IAC/ADA	Accessible ramp has no detectable warning.Recommend reconstruct curb access	Reconstruct walk and curb. Add detectable warning tiles.	e,f	EA	1	b	c	\$1,200		
C3	All parking lots	B	IAC/ADA	There are only two designated HC accessible space for the site	Add accessible spaces and appropriate signage/ramps/detectable warning for number of spaces on site - 3 total	f	EA	2	b	c	\$5,000		
C4	East parking lot entrance	B	IAC/ADA	Detectable warning surface at accessible ramp worn away.	Install detectable warning tiles	f	EA	1	b	c	\$1,200		
C5	Gas/Electic meter area	C		Piping allows for climbing to roof	Fence off area	f	EA	1	b	f	\$1,500		
C6	Asphalt path around south side, especially at SE corner of building	C	IAC/ADA	Pavement failing and uneven	Replace pavement	e	EA	1	b	f	\$3,500		
C7	Amphitheaters or outdoor classrooms	C	IAC/ADA	None of the 3 outdoor classrooms are accessible with a hard surface path meeting requirements	Provide accessible path(s)	f	EA	1	b	c,f	\$5,000		
C8	Dock area west side of building	C	IAC/ADA	Corner where asphalt and concrete pavement meet is eroded and creates a tripping hazard	Widen paved surface to provide for level surface	f	EA	1	b	f	\$1,500		
C9	NE corner of west parking lot	B	IAC/ADA	Accessible ramp has no detectable warning.Recommend reconstruct curb access	Reconstruct walk and curb. Add detectable warning tiles.	e,f	EA	1	b	c,f	\$1,200		
C10	south side of west parking lot	C	IAC/ADA	Stormwater overflow steep sided drop in walk causes tripping hazard and uneven surface	Remove portion of walk and provide moderated ramp surface down to overflow elevation.	e,f	EA	1	b	f	\$1,500		
E1	Computer 19, IMC 20, Gym 21, Boiler, Corridor, Main Office,	A	185.370	Space lacks emergency lighting coverage	Add emergency light	a	EA	16	b	a	\$8,000		
E2	Storage Rooms, Mechanical	A	185.395	Space lacks smoke detection coverage	Add smoke detector	a	EA	4	b	a	\$2,000		
E3	Room 17, Computer 19, IMC20	C	ADA	Space lacks fire alarm visual coverage	Add visual device	a	EA	3	b	a	\$1,500		
E4	Teacher Lounge	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	a	EA	2	b	a	\$300		

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Sherwood Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
E5	Closet	A	NEC 110	Broken receptacle	Replace receptacle.	c	EA	1	b	a	\$100		
E6	Gym 21, Small Group	A	NEC 110	Open junction box	Provide cover plate	c	EA	2	a	a	\$100		
E7	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	2	b	h	\$1,000		
E8	Small Group	A	NEC 110	Open junction box	Provide cover plate	c	EA	1	a	a	\$50		
E9	All Classrooms and Main Office	B		Classroom intercom and clock system non-fuctional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$49,000		
E10	General Buiding requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	2	b	h	\$20,000		
P1	Refer to floor plans.	B	ADA 4.19.4	Lavatories lacking undersink protection.	Add undersink protection.	f	EA	5	b	c	\$2,500		
P2	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	3	b	h	\$15,000		
P3	Janitor Closet	B	Illinois Plumbing Code	Chemical mixing station is lacking backwater protection.	Add backwater protection.	f	EA	1	b	h	\$1,000		
B1	Brick walls	B		Cracking of brick	Repair cracks / replace brick		SF	200	b		\$50,000	2016	
B2	Brick walls	B		Deteriorated mortar joints	Grind and repoint		SF	500	b		\$10,000	2016	
B3	Brick walls	B		Spalling of brick	Replace spalled brick, repoint		SF	50	b		\$6,000	2016	
B4	Curtain wall / windows	B		Perimeter sealant deteriorated	Replace perimeter sealant 100%		LF	1900	b		\$20,000	2016	
B5	East exit door at 1961 Addition and 3 steel	B		Deteriorating paint at steel doors	Clean and repaint		Lump Sum	4	b		\$4,000	2016	
B6	Flashing at office entry	B		Corroded and backpitching	Replace and properly pitch flashing		Lump Sum		b		\$3,000	2016	
B7	Steel frame at entry	B		Corrosion at base of posts	Clean and repaint steel		Lump Sum		b		\$3,000	2016	
B8	Curtain wall at east courtyard	B		Damaged flashing	Replace flashing		LF	20	b		\$1,500	2016	
B9	Curtain wall / window at west	B		Missing and damaged steel flashing	Replace sill flashing		LF	10	b		\$2,000	2016	
B10	Metal panel	B		Displaced panel	Secure panel		Lump Sum		b		\$1,000	2016	
B11	Louvers	B		Corrosion and rust jacking of brick	Remove corrosion, install flashing, replace brick		LF	20	b		\$3,000	2016	
B12	Brick expansion joints at gym	B		Deteriorated sealant	Reseal 100%		LF	100	b		\$2,000	2016	
B13	Fascia to wall joints	B		Open seals at roof flashing	Repair / replace flashing		LF	100	b		\$1,500	2016	
B14	Railings at north	B		Corrosion	Clean and repaint		Lump Sum		b		\$3,000	2016	
B15	Raised clerestory at roof	B		Severely rotted timber fascia members	Replace rotted wood		LF	20	b		\$5,000	2016	
B16	Raised clerestory at roof	B		Deteriorated paint at exposed wood	Repaint exposed wood		Lump Sum		b		\$6,000	2016	
B17	Raised clerestory at roof	B		Deteriorated ends of timber beams	Repair / reinstall covers		EA	30	b		\$6,000	2016	
B18	Raised clerestory at roof windows	B		Deteriorated perimeter sealant	Replace 100% sealant		LF	300	b		\$4,000	2016	
B19	Roof vent	B		Corrosion	Clean and repaint		Lump Sum		b		\$200	2016	
B20	Roof drains	B		Clogged drains / severe ponding	Unclog drains, ensure proper drainage		Lump Sum		b			2016	
B21	Roof over gym	B		Minor deterioration of exposed wood timbers	Repair / recoat wood		Lump Sum		b		\$10,000	2016	
B22	Roof edge at north of gym and northwest	B		Lifting of roof from edge flashing	Secure roof		Lump Sum		b		\$1,000	2016	
B23	Roof at gym and other area	B		Aged modified bitumen	Replace roof with single ply		SF	24000	b		\$600,000	2016	

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Sherwood Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$1,031,100

B. 10% Contingency: \$103,110

C. 10% AE Fees Allowance: \$113,421

D. Total Estimated Cost: \$1,247,631



Wayne Thomas Elementary

2015 Health Life Safety Report for North Shore School District 112

(IL Adm. Code 180, Sections 180.320)

For ISBE Use: Date
Review recommendations have been discussed with the Architect Reviewer Initials

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Wayne Thomas Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
A1	BOILER 111, STORAGE 111A, COPY 110, STAGE 119	A	175-295	UNSEALED PENETRATIONS THROUGH RATED WALLS	PROVIDE FIRE SEALANT AROUND PENETRATIONS	C	EA	14 +/-	B	A	\$1,400	07/14/15	F
A2	CLASSROOM 103, CLASSROOM 170, CONFERENCE 187	A	OPEN JUNCTION BOX	OPEN JUNCTION BOX IN WALL	PROVIDE COVER PLATE	G	EA	3	A	A		07/14/15	E
A3	Main entry lobby	A		No security vestibule exists for the building.	Provide new security vestibule and relocate office area at the main entry of the building.	f	Lump Sum		b	d	\$21,875		
C1	Drop-off loop	C	IAC/ADA	Sidewalk flush with pavement for accessibility recommend detectable warning and/or bollard along length	Sidewalk flush with pavement for accessibility recommend detectable warning and/or bollards along length	f	EA	1	b	a,c	\$15,000		
C2	Ramp at Door 3	C	IAC/ADA	No flares in ramp create tripping hazard. No detectable warning	Reconstruct ramp with flared sides, install detectable warning tiles	e	EA	1	b	c	\$1,500		
E1	Room 135, 136, 137, 138, Toilet, Corridor, 102, 103, 101, 100	A	185.570	Space lack emergency lighting	Add emergency lighting	f	EA	10	b	a	\$5,000		
E2	Toilets (11), Boiler, Corridor	C	ADA	Space lack fire alarm visual coverage	Add fire alarm visual device	f	EA	13	b	a	\$6,500		
E3	Room 103, 117, 172, 123, 135, MPR, Janitor Closet	A	NEC 110	Open junction box	Provide cover plate	c	EA	7	a	a	\$350		
E4	Room 135, 137, 138	A	NEC 110	Receptacle near water is not GFCI protected.	Replace receptacle with GFCI type.	f	EA	3	b	a	\$450		
E5	Corridor	A	NEC 110	Receptacle is damaged	Replace with new receptacle	e	EA	4	a	a			
E6	Room 114	A	NEC 110	Lighting fixture wiring is exposed	Repair fixture wiring	c	EA	1	a	a	\$100		
E7	Storage	A	NEC 110	The 3 feet clearance required in front of the electrical panel is not provided.	Remove equipment if front of the panel	f	EA	1	a	a			
E8	Room 135, 137, 136, 138, 102, 100, 101	A	185.560	Space lacks exit signs	Add exit sign	f	EA	8	b	a	\$4,000		
E9	Stair	A	185.395c2F	Space lacks smoke detection coverage	Add smoke detector	f	EA	1	b	a	\$500		
E10	Exterior Doors	C	IFC	Lack of exterior emergency light coverage	Add emergency light	f	EA	8	b	h	\$4,000		
E9	All Classrooms and Main Office	B		Classroom intercom and clock system non-functional	Remove existing systems and install new intercom and clock system.	f	Lump Sum		b	d	\$56,000		
E10	General Building requirement	A		Fire alarm strobe synchronization is not provided in the existing system.	Provide system with strobe synchronization to comply with ADA (Americans with Disabilities Act).						\$15,000		
M1	Refer to floor plans.	B	185.457	Space lacks ventilation.	Add ventilation.	f	EA	8	b	h	\$50,000		
P1	Refer to floor plans.	B	Illinois Plumbing Code	Restroom lacks a floor drain.	Add floor drain.	f	EA	5	b	h	\$25,000		
B1	Curtain wall / windows / doors sealant (perimeter and metal to metal joints)	B		Deteriorated and open sealant joints	Replace sealant 100%		LF	7000	b		\$70,000	2016	
B2	Brick walls	B		Deteriorated mortar joints	Grind and repoint		SF	500	b		\$10,000	07/08/05	
B3	Brick walls	B		Cracked / damaged brick	Replace brick		SF	200	b		\$50,000	07/08/05	
B4	Soffit / Fascia at entry	C		Damage	Repair damage / paint		Lump Sum		b		\$4,000	07/08/05	
B5	Vents	B		Corrosion	Clean and repaint		Lump Sum		b		\$2,000	07/08/05	
B6	Wood beams	B		Open seals at beam penetration	Reseal		LF	100	b		\$1,500	07/08/05	

REGION: Lake ROE		DISTRICT: North Shore School District 112			FACILITY: Wayne Thomas Elementary								
ITEM I.D.	1. LOCATION NAMES & ROOM NOS.	2. PRIORITY CODE	3. RULE VIOLATED	4. DESCRIPTION OF VIOLATION	5 & 7. RECOMMENDATION TO CORRECT VIOLATION & SPECIFICATION(S)	6. ACTION I.D.	8. UNIT OF MEASURE	9. QUANTITY	10. LABOR CODE	11. WORK TYPE	12. ESTIMATED COST	13. ESTIMATED COMPLETION DATE	14. FUNDING TYPE
B7	Wood siding at front	B		Open seals	Reseal / repaint		Lump Sum		b		\$1,500	07/08/05	
B8	Conduit at front	B		Severe corrosion at sidewalk	Replace / repair concrete		Lump Sum		b		\$1,000	07/08/05	
B9	Fascia / wall joints	B		Open seals	Reseal		LF	100	b		\$1,000	07/08/05	
B10	Steel door frames	B		Corrosion	Clean and repaint		Lump Sum		b		\$5,000	07/08/05	
B11	Brick expansion joints	B		Deteriorated sealant	Reseal joints 100%		LF	200	b		\$3,000	07/08/05	
B12	Louver	B		Loose louvers, poor sealant	Secure louver, reseal		Lump Sum		b		\$1,000	07/08/05	
B13	Soffit at rear	B		Corrosion	Clean and repaint		SF	20	b		\$1,000	07/08/05	
B14	Fence enclosure at rear	B		Peeling paint	Scrape and repaint fence		SF	400	b		\$4,000	2016	
B15	Lintels	B		Corrosion	Clean and repaint		SF	100	b		\$2,000	07/08/05	
B16	Light fixture at entry #12	B		Broken light fixture	Replace fixture		Lump Sum		b		\$500	2016	
B17	Railing post at south entries	C		Corrosion and chipped paint	Clean and repaint railings		Lump Sum		b		\$1,500	2016	
B18	Foundations	B		Concrete damage	Repair concrete		SF	10	b		\$2,000	07/08/05	
B19	Metal fascias	B		Isolated displacement	Repair / secure		Lump Sum		b		\$1,000	07/08/05	
B20	Chimney	B		Open joints	Grind and repoint		SF	200	b		\$4,000	07/08/05	
B21	Roof membrane	B		Clogged drains, ponding	Unclog drain, ensure drainage		Lump Sum		b		\$500	07/08/05	
B22	Roof expansion joint	B		Open roofing seals at expansion joint end	Reseal / repair		LF	15	b		\$1,500	07/08/05	
B23	Roof hatch	B		Corroded	Scrape and repaint		SF	4	b		\$500	07/08/05	
B24	Exposed conduit at roof	C		Conduit loose and open	Secure conduit / replace		Lump Sum		b		\$1,000	2016	
B25	Roof - exposed wood	B		Exposed wood	Paint / protect wood		Lump Sum		b		\$5,000	07/08/05	
B26	Roof - maintenance	B		Roofing cracked	Repair cracks		Lump Sum		b		\$5,000	07/08/05	
B27	Roof perimeter seals	B		Deteriorated sealant	Replace sealant		LF	500	b		\$5,000	07/08/05	
B28	Gym roof	B		Flaking paint at soffits	Repaint soffits		Lump Sum		b		\$5,000	07/08/05	
B29	Roof - west and south wings	B		Aged modified bitumen	Replace roofing with single ply		SF	20000	b		\$400,000	2016	

Priority Codes: A. Urgent, B. Required, C. Recommended

Action Codes: a. Abandon in place b. Remove c. Repair d. Relocate e. Rebuild f. Improve

Unit Codes: CY=Cubic Yard SF=Square Feet LF=Lineal Feet EA= Each OPNG=Opening GAL=Gallon

Labor Codes: a. District employees will perform work b. Work will be performed by contractor(s)

Funding Codes F. Fire Prevention O. Other Funds

Item Codes: A. Architecture B. Building Enclosure C. Civil E. Electrical F. Fire Protection M. Mechanical P. Plumbing

Work Type: a. Safety Standards b. Energy Conservation c. Handicapped Access d. School Security e. Asbestos Treatment f. Paving Improvements g. Replacements h. Other Improvements

A. Estimated Subtotal: \$796,175

B. 10% Contingency: \$79,618

C. 10% AE Fees Allowance: \$87,579

D. Total Estimated Cost: \$963,372

TEN YEAR SAFETY SURVEY REPORT

3/31/2015

2015 Health Life Safety Report for North Shore School District 112

(IL Adm. Code 180, Sections 180.320)

REGION: Lake ROE		DISTRICT: North Shore School District 112			
ITEM I.D.	1. SCHOOL NAME	ESTIMATED COST	10% CONTINGENCY ALLOWANCE	10% A/E FEES ALLOWANCE	TOTAL ESTIMATED COST
1	Braeside Elementary	\$482,250	\$48,225	\$53,048	\$583,523
2	Edgewood Middle School	\$1,414,275	\$141,428	\$155,570	\$1,711,273
3	Elm Place Middle School	\$2,740,630	\$274,063	\$301,469	\$3,316,162
4	Green Bay Early Childhood & Administration	\$1,268,850	\$126,885	\$139,574	\$1,535,309
5	Indian Trail Elementary	\$1,212,450	\$121,245	\$133,370	\$1,467,065
6	Lincoln Elementary	\$866,950	\$86,695	\$95,365	\$1,049,010
7	Northwood Elementary	\$1,673,350	\$167,335	\$184,069	\$2,024,754
8	Oak Terrace Elementary	\$384,200	\$38,420	\$42,262	\$464,882
9	Ravinia Elementary	\$572,000	\$57,200	\$62,920	\$692,120
10	Red Oak Elementary	\$612,300	\$61,230	\$67,353	\$740,883
11	Sherwood Elementary	\$1,031,100	\$103,110	\$113,421	\$1,247,631
12	Wayne Thomas Elementary	\$796,175	\$79,618	\$87,579	\$963,372
SCHOOL DISTRICT TOTAL ESTIMATED COST					\$15,795,981