

SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 1

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
S01a	NB	Exterior Lighting	All	FU	insufficient/1993 wing	Add/replace existing	varies	50	2	50	\$ 500	\$ 25,000
S02a	NB	Splash Blocks	Cond.	FU	Missing	Add as required	NA	NA	3	40	\$ 25	\$ 1,000
NB01a	NB	Bitum Paving	Drop-off	FU	Failing	Mill and Re-pave	40	25	3	7800	\$ 8	\$ 62,400
NB01b	NB	Bitum Paving	Parking	FU	Failing	Mill and Re-pave	40	25	3	47000	\$ 6	\$ 282,000
NB01c	NB	Bitum Paving	Rear	FU	Failing	Mill and Re-pave	40	25	3	2000	\$ 12	\$ 24,000
NB02a	NB	Conc Paving	Front				3	50			\$ 25	\$ -
NB03a	NB	Conc Curbing	Front	FU	Failing/Deteriorated	repair/replace	40	30	2	300	\$ 50	\$ 15,000
S06a	NB	Play surface	Playground	ADA	Insufficient material & depth	Replace w/ compliant mat'l	10	3	2	21000	\$ 8	\$ 168,000
A01a	EXTR	Roof	39 wing	BI	Manuf-slate		4	15		2500		
A01b	EXTR	Roof	39 wing	BI	Asphalt Shingle Roof failing	remove and replace	20	20	3	3650	\$ 25	\$ 91,250
A01c	EXTR	Roof	57 wing	BI	low-slope Garland membrane	Roof inspect. &	7	20-25	3	5860		
A01d	EXTR	Roof	64 wing	BI	low-slope Garland membrane	Roof inspect. &	7	20-25	3	10811		
A01e	EXTR	Roof	93 wing	BI	low-slope Garland Coating	Roof inspect. &	7	20-25	2	10046		
A01f	EXTR	Roof	Gym	BI	poor quality metal roof/bey.	Coat/repairs or replace	47	15	2	4729	\$ 20	\$ 94,580
A01g	EXTR	Soffit	Exit 12	BI	Deterioration	repairs	20	20	3	30	\$ 22	\$ 660
A02a	EXTR	Gutters,	All	FU	Leaks at joints	Maintenance to Repair	4	10	2	40	\$ 50	\$ 2,000
A03a	EXTR	Masonry	64 Wing	BI	Window & control joint sealant	remove/repl. w/	55	60	3	50	\$ 50	\$ 2,500
A03b	EXTR	Masonry	93 Lintels	BI	Lintel paint failure.	Scrape, prime & paint	26	60	4	20	\$ 100	\$ 2,000
A03c	EXTR	Masonry	HC Ramp	BI	Spalling	Repair	26	60	3	LS	\$ 15,000	\$ 15,000
A03d	EXTR	Masonry	Exit 13	BI	Gap at stair	repair/silicone sealant	26	60	3	LS	\$ 1,500	\$ 1,500
A03e	EXTR	Masonry	57 S Wall	BI	Multiple CMU cracking	repair/silicone sealant	62	60	3	LS	\$ 15,000	\$ 15,000
A03f	EXTR	Masonry	Exit 5	BI	Spalling	Repair	62	60	3	LS	\$ 5,000	\$ 5,000
A03g	EXTR	Masonry	Exit 4	BI	Spalling stair	Repair	62	60	3	LS	\$ 5,000	\$ 5,000
A04a	EXTR	Windows	Bd Off	E	Dual-glazed/integral blinds		3	35				
A04b	EXTR	Windows	Cafeteria	E	Dual-glazed/integral blinds		3	35				
A04c	EXTR	Windows	39 Boys	E	insulated alum/opaque		3	35				
A04d	EXTR	Windows	39 Girls	E	insulated alum/opaque		3	35				
A04e	EXTR	Windows	01	E	Dual-glazed/integral blinds		3	35				
A04f	EXTR	Windows	Teachers	E	Dual-glazed/integral blinds		3	35				
A04g	EXTR	Windows	Main Off	E	Dual-glazed/integral blinds		3	35				

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A04h	EXTR	Windows	06	E	Dual-glazed/integral blinds		3	35				
A04i	EXTR	Windows	13	E	Dual-glazed/integral blinds		3	35				
A04j	EXTR	Windows	14	E	Dual-glazed/integral blinds		3	35				
A04k	EXTR	Windows	08	E	Dual-glazed/integral blinds		3	35				
A04l	EXTR	Windows	09	E	Dual-glazed/integral blinds		3	35				
A04m	EXTR	Windows	10	E	Dual-glazed/integral blinds		3	35				
A04n	EXTR	Windows	11	E	Dual-glazed/integral blinds		3	35				
A04o	EXTR	Windows	12	E	Dual-glazed/integral blinds		3	35				
A04p	EXTR	Windows	64 Corridor	E	Dual-glazed/integral blinds		3	35				
A04q	EXTR	Windows	15	E	insulated aluminum		15	35				
A04r	EXTR	Windows	17	E	insulated aluminum		15	35				
A04s	EXTR	Windows	19	E	insulated aluminum		15	35				
A04t	EXTR	Windows	20	E	insulated aluminum		15	35				
A04u	EXTR	Windows	21	E	insulated aluminum		15	35				
A04v	EXTR	Windows	22	E	insulated aluminum		15	35				
A04w	EXTR	Windows	23	E	vinyl slider		10	15				
A04x	EXTR	Windows	24	E	Dual-glazed/integral blinds		26	35				
A04y	EXTR	Windows	26	E	Dual-glazed/integral blinds		26	35				
A04z	EXTR	Windows	28	E	Dual-glazed/integral blinds		26	35				
A04aa	EXTR	Windows	30	E	Dual-glazed/integral blinds		26	35				
A04bb	EXTR	Windows	32	E	Dual-glazed/integral blinds		26	35				
A04cc	EXTR	Windows	34	E	Dual-glazed/integral blinds		26	35				
A04dd	EXTR	Windows	25	E	Dual-glazed/integral blinds		26	35				
A04ee	EXTR	Windows	27	E	Dual-glazed/integral blinds		26	35				
A04ff	EXTR	Windows	36	E	Dual-glazed/integral blinds		26	35				
A04gg	EXTR	Windows	38	E	Dual-glazed/integral blinds		26	35				
A04hh	EXTR	Windows	Nurse	E	insulated aluminum	Beyond Useful Life	55	35	3	5	\$ 2,000	\$ 10,000
A05a	EXTR	Ext Doors	Exit 15	AP	FRP-accessible	N/A	10	30				
A05b	EXTR	Ext Doors	Exit 14		Aluminum-accessible	Replace Doors	26	30	4	2	\$ 10,000	\$ 20,000
A05c	EXTR	Ext Doors	Exit 13		Aluminum-non-accessible	HCP ramp & replace	26	30				\$ -
A05d	EXTR	Ext Doors	Exit 12		Aluminum-accessible	replace doors	26	30	4	2	\$ 10,000	\$ 20,000
A05e	EXTR	Ext Doors	Exit 11		Fading FRP, non-access. step		10	30				\$ -

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A05f	EXTR	Ext Doors	Exit 10		Fading FRP, non-access. step		10	30				\$ -
A05g	EXTR	Ext Doors	Exit 09		Fading FRP, non-access. step		10	30				\$ -
A05h	EXTR	Ext Doors	Exit 08		FRP, non accessible		10	30				\$ -
A05i	EXTR	Ext Doors	Exit 07		Aluminum-accessible		26	30				\$ -
A05j	EXTR	Ext Doors	Exit 06		FRP		10	30				
A05k	EXTR	Ext Doors	Exit 05		FRP, non-accessible		10	30				
A05l	EXTR	Ext Doors	Exit 04		FRP, non-accessible		10	30				\$ -
A05m	EXTR	Ext Doors	Exit 03		Hollow Metal, Failing Railing	replace railing system	50	30	1	1	\$ 12,000	\$ 12,000
A05n	EXTR	Ext Doors	Exit 02		FRP, non-accessible	HCP ramp	10	30	2	1	\$ 45,000	\$ 45,000
A05o	EXTR	Ext Doors	Exit 01		FRP, non-accessible	HCP ramp	10	30	2	1	\$ 45,000	\$ 45,000
A05p	EXTR	Ext Doors	Exit 01		Portal covered	Restore		50	3	1	\$ 55,000	\$ 55,000
A05q	EXTR	Ext Doors	G1		FRP		10	30				
A05r	EXTR	Ext Doors	G2		FRP		10	30				
A05s	EXTR	Ext Doors	G3		FRP		10	30				
A05q	EXTR	Ext Doors	G4		FRP		10	30				
A06a	INTER	APC	39 Corridor	AP	N/A	N/A	3	15		1630		
A06b	INTER	APC	Cafeteria	AP	Beyond Useful Life	replace	20	15	4	2531	\$ 10.00	\$ 25,310
A06c	INTER	APC	39 Boys	AP	N/A	N/A	3	15				
A06d	INTER	APC	39 Girls	AP	N/A	N/A	3	15				
A06e	INTER	APC	01	AP	Beyond Useful Life	replace	20	15	4	720	\$ 10.00	\$ 7,200
A06f	INTER	APC	02	AP	Beyond Useful Life	replace	20	15	4	648	\$ 10.00	\$ 6,480
A06g	INTER	APC	Main Off	AP	Low ceiling	N/A	15	15	4	724	\$ 10.00	\$ 7,240
A06h	INTER	APC	06	AP	Beyond Useful Life	replace	18	15	4	733	\$ 10.00	\$ 7,330
A06i	INTER	APC	13	AP	Beyond Useful Life	replace	18	15	4	737	\$ 10.00	\$ 7,370
A06j	INTER	APC	14	AP	Beyond Useful Life	replace	18	15	4	660	\$ 10.00	\$ 6,600
A06k	INTER	APC	57 Corridor	AP	7'-6" high	replace	3	15		858		
A06l	INTER	APC	08	AP	Beyond Useful Life	replace	25	15	4	801	\$ 10.00	\$ 8,010
A06m	INTER	APC	09	AP	Beyond Useful Life	replace	25	15	4	830	\$ 10.00	\$ 8,300
A06n	INTER	APC	10	AP	N/A	N/A	5	15		954		
A06o	INTER	APC	11	AP	Beyond Useful Life	replace	25	15	4	830	\$ 10.00	\$ 8,300
A06p	INTER	APC	12	AP	Beyond Useful Life	replace	25	15	4	953	\$ 10.00	\$ 9,530
A06q	INTER	APC	64 Corridor	AP	N/A	N/A	3	15		1397		

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Inventory/Evaluation - 4

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A06r	INTER	APC	Stor 15B	AP	Beyond Useful Life	replace	55	15	4	143	\$ 10.00	\$ 1,430
A06s	INTER	APC	15	AP	Beyond Useful Life	replace	30	15	4	833	\$ 10.00	\$ 8,330
A06t	INTER	APC	Library	AP	Beyond Useful Life	replace	30	15	4	1863	\$ 10.00	\$ 18,630
A06u	INTER	APC	64 Boys	AP	N/A	N/A	3	15		220		
A06v	INTER	APC	64 Girls	AP	N/A	N/A	3	15		213		
A06w	INTER	APC	17	AP	Beyond Useful Life	replace	30	15	4	837	\$ 10.00	\$ 8,370
A06x	INTER	APC	19	AP	Beyond Useful Life	replace	30	15	4	833	\$ 10.00	\$ 8,330
A06y	INTER	APC	20	AP	Beyond Useful Life	replace	30	15	4	832	\$ 10.00	\$ 8,320
A06z	INTER	APC	21	AP	Beyond Useful Life	replace	30	15	4	838	\$ 10.00	\$ 8,380
A06aa	INTER	APC	22	AP	Beyond Useful Life	replace	30	15	4	833	\$ 10.00	\$ 8,330
A06bb	INTER	APC	93 Corridor	AP	Beyond Useful Life	replace	26	15	4	1658	\$ 10.00	\$ 16,580
A06cc	INTER	APC	23	AP	N/A	N/A	10	15		253	\$ 10.00	
A06dd	INTER	APC	24	AP	Beyond Useful Life	replace	26	15	4	296	\$ 10.00	\$ 2,960
A06de	INTER	APC	26	AP	Beyond Useful Life	replace	26	15	4	357	\$ 10.00	\$ 3,570
A06dr	INTER	APC	28	AP	Beyond Useful Life	replace	26	15	4	287	\$ 10.00	\$ 2,870
A06ee	INTER	APC	30	AP	Beyond Useful Life	replace	26	15	4	401	\$ 10.00	\$ 4,010
A06ef	INTER	APC	32	AP	Beyond Useful Life	replace	26	15	4	400	\$ 10.00	\$ 4,000
A06ff	INTER	APC	34	AP	Beyond Useful Life	replace	26	15	4	1130	\$ 10.00	\$ 11,300
A06gg	INTER	APC	36	AP	Beyond Useful Life	replace	26	15	4	1075	\$ 10.00	\$ 10,750
A06hh	INTER	APC	38	AP	Beyond Useful Life	replace	26	15	4	852	\$ 10.00	\$ 8,520
A06jj	INTER	APC	93 Boys	AP	Beyond Useful Life	replace	26	15	4	121	\$ 10.00	\$ 1,210
A06kk	INTER	APC	93 Girls	AP	Beyond Useful Life	replace	26	15	4	114	\$ 10.00	\$ 1,140
A06ll	INTER	APC	93 Faculty	AP	Beyond Useful Life	replace	26	15	4	253	\$ 10.00	\$ 2,530
A06mm	INTER	APC	25	AP	Beyond Useful Life	replace	26	15	4	1070	\$ 10.00	\$ 10,700
A06nn	INTER	APC	27	AP	Beyond Useful Life	replace	26	15	4	854	\$ 10.00	\$ 8,540
A06qq	INTER	APC	Nurse	AP	Beyond Useful Life	replace	30	15	4	344	\$ 10.00	\$ 3,440
A06rr	INTER	Tectum	Gym	N/A	N/A	N/A	46	50		4216		
A06ss	INTER	APC	Gym Boys		Beyond Useful Life	replace	46	15	4	34	\$ 10.00	\$ 340
A06tt	INTER	APC	Gym Girls		Beyond Useful Life	replace	46	15	4	34	\$ 10.00	\$ 340
A06uu	INTER	Plaster Clg	Bd Off		N/A-Asbestos?		80	50				
A07a	INTER	Wood Fl	Cafeteria	AP	Beyond Useful Life	sand, strip, refinish	80	50	4	2531	\$ 3.00	\$ 7,593
A07b	INTER	Wood Fl	01	AP	Beyond Useful Life	sand, strip, refinish	80	50	4	720	\$ 3.00	\$ 2,160

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Inventory/Evaluation - 5

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A07c	INTER	Wood Fl	02	AP	Beyond Useful Life	sand, strip, refinish	80	50	4	648	\$ 3.00	\$ 1,944
A07d	INTER	Wood Fl	13	AP	Beyond Useful Life	sand, strip, refinish	80	50	4	737	\$ 3.00	\$ 2,211
A07e	INTER	Wood Fl	14	AP	Beyond Useful Life	sand, strip, refinish	80	50	4	660	\$ 3.00	\$ 1,980
A08a	INTER	Porcelain Fl	39 Boys	AP			3	40		197		
A08b	INTER	Porcelain Fl	39 Girls	AP			3	40		170		
A08c	INTER	Porcelain Fl	64 Boys	AP			3	40		220		
A08d	INTER	Porcelain Fl	64 Girls	AP			3	40		213		
A08e	INTER	Ceramic Tile Fl	93 Boys			consider replacing	26	40	4	114	\$12.00	\$ 1,368
A08f	INTER	Ceramic Tile Fl	93 Girls			consider replacing	26	40	4	121	\$12.00	\$ 1,452
A08g	INTER	Ceramic Tile Fl	93 Faculty			consider replacing	26	40	4	50	\$12.00	\$ 600
A08h	INTER	Ceramic Tile Fl	Nurse CT			consider replacing	26	40	4	50	\$12.00	\$ 600
A08i	INTER	Ceramic Tile Fl	Gym Boys		Beyond Useful Life	consider replacing	46	40	4	69	\$12.00	\$ 828
A08j	INTER	Ceramic Tile Fl	Gym Girls		Beyond Useful Life	consider replacing	46	40	4	69	\$12.00	\$ 828
A09a	INTER	Carpet Fl	39 Corridor	AP			3	15		1630		
A09b	INTER	Carpet Fl	Bd Off	AP			8	15		206		
A09c	INTER	Carpet Fl	Main Off	AP			8	15		724		
A09d	INTER	Carpet Fl	57 Corridor	AP			3	15		858		
A09e	INTER	Carpet Fl	64 Corridor	AP			3	15		1397		
A09f	INTER	Carpet Fl	Library	AP			10	15		1863		
A09g	INTER	Carpet Fl	93 Corridor	AP			3	15		1658		
A09h	INTER	Carpet Fl	23	AP	Beyond Useful Life	N/A	26	15	3	852	\$12.00	\$ 10,224
A09i	INTER	Carpet Fl	24	AP	Beyond Useful Life	N/A	26	15	3	940	\$12.00	\$ 11,280
A09j	INTER	Carpet Fl	26	AP	Beyond Useful Life	N/A	26	15	3	801	\$12.00	\$ 9,612
A09k	INTER	Carpet Fl	28	AP	Beyond Useful Life	replace	26	15	3	1130	\$12.00	\$ 13,560
A09l	INTER	Carpet Fl	30	AP	Beyond Useful Life	replace	26	15	3	1075	\$12.00	\$ 12,900
A09m	INTER	Carpet Fl	32	AP	Beyond Useful Life	replace	26	15	3			
A09n	INTER	Carpet Fl	25	AP	N/A	N/A	3	15	N/A	1070		
A09o	INTER	Carpet Fl	27	AP	Beyond Useful Life	replace	26	15	3	854	\$12.00	\$ 10,248
A09p	INTER	Carpet Fl	36	AP	N/A	N/A	3	15	N/A		\$12.00	\$ -
A09q	INTER	Carpet Fl	38	AP	Beyond Useful Life	replace	26	15	3		\$12.00	\$ -
A09r	INTER	Carpet Fl/VCT	Nurse	AP	Beyond Useful Life	replace	26	15	3	547	\$12.00	\$ 6,564
A10a	INTER	VAT	Kitchen		9x9-suspected ACM	replace-HAZMAT?	80	25	4	603	\$20.00	\$ 12,060

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Springfield School,
Inventory/Evaluation - 6

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A10b	INTER	VAT	Stor 15B		9x9-suspected ACM	replace-HAZMAT?	80	25	4	100	\$20.00	\$ 2,000
A11a	INTER	VCT	08		N/A	N/A	10	15	N/A	801		
A11b	INTER	VCT	09		showing wear	N/A	10	15	4	830	\$ 10.00	\$ 8,300
A11c	INTER	VCT	10		Beyond Useful Life	replace	20	15	4	954	\$ 10.00	\$ 9,540
A11d	INTER	VCT	11		Beyond Useful Life	replace	20	15	4	830	\$ 10.00	\$ 8,300
A11e	INTER	VCT	12		N/A	replace	10	15	4	953	\$ 10.00	\$ 9,530
A11f	INTER	VCT	13		N/A	replace	10	15	4	737	\$ 10.00	\$ 7,370
A11g	INTER	VCT	14		N/A	replace	10	15	4	660	\$ 10.00	\$ 6,600
A11h	INTER	VCT	15		showing wear	replace	10	15	4	830	\$ 10.00	\$ 8,300
A11i	INTER	VCT	17		showing wear	replace	10	15	4	837	\$ 10.00	\$ 8,370
A11j	INTER	VCT	19		showing wear	replace	10	15	4	833	\$ 10.00	\$ 8,330
A11k	INTER	VCT	29				10	15		852	\$ 10.00	\$ 8,520
A11l	INTER	VCT	21		showing wear	replace	10	15	4	838	\$ 10.00	\$ 8,380
A11m	INTER	VCT	22		showing wear	replace	10	15	4	833	\$ 10.00	\$ 8,330
A11n	INTER	VCT	34		showing wear	replace	26	15	4	1130	\$ 10.00	\$ 11,300
A11o	INTER	VCT	Nurse				10	15	4	272		
A11p	INTER	VCT	Gym					15		4216		
A12a	INTER	Wall	39 Corridor	AP	CT, Painted Plaster			15		1630		
A12b	INTER	Wall	Cafeteria	AP	Painted Plaster			15		2531		
A12c	INTER	Wall	Main Off	AP	Sheetrock			15		724		
A12d	INTER	Wall	Bd Off	AP	Sheetrock			15		206		
A12e	INTER	Wall	01	AP	Painted Plaster			15		720		
A12f	INTER	Wall	02	AP	Painted Plaster			15		648		
A12g	INTER	Wall	06	AP	Painted Plaster			15		733		
A12h	INTER	Wall	13	AP	Painted Plaster		15	15		737		
A12i	INTER	Wall	14	AP	Painted Plaster		15	15		660		
A12j	INTER	Wall	Kitchen	AP	Fiberglass		12	20		603		
A12k	INTER	Wall	57 Corridor	AP	Painted CMU			15		858		
A12l	INTER	Wall	08	AP	Painted CMU, Brick			15		801		
A12m	INTER	Wall	09	AP	Painted CMU			15		830		
A12n	INTER	Wall	10	AP	Painted CMU			15		954		

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Springfield School,
Inventory/Evaluation - 7

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A12o	INTER	Wall	11	AP	Painted CMU			15		830		
A12p	INTER	Wall	12	AP	Painted CMU			15		953		
A12q	INTER	Wall	64 Corridor	AP	Painted CMU			15		1397		
A12r	INTER	Wall	Stor 15B	AP	Painted CMU			15		143		
A12s	INTER	Wall	15	AP	Painted CMU			15		96		
A12t	INTER	Wall	Library	AP	Painted CMU			15		1863		
A12u	INTER	Wall	64 Boys	AP	Porcelain			15		114		
A12v	INTER	Wall	64 Girls	AP	Porcelain			15		121		
A12w	INTER	Wall	17	AP	Painted CMU			15		837		
A12x	INTER	Wall	19	AP	Painted CMU			15		833		
A12y	INTER	Wall	20	AP	Painted CMU			15		832		
A12z	INTER	Wall	21	AP	Painted CMU			15		838		
A12aa	INTER	Wall	22	AP	Painted CMU			15		833		
A12bb	INTER	Wall	93 Corridor	AP	Wallpaper on Frame			15		1658		
A12cc	INTER	Wall	23	AP	Sheetrock on Frame			15		253		
A12dd	INTER	Wall	24	AP	Sheetrock on Frame, Movable			15		940		
A12ee	INTER	Wall	26	AP	Sheetrock on Frame, Movable			15		801		
A12ff	INTER	Wall	28	AP	Sheetrock on Frame, Movable			15		1130		
A12gg	INTER	Wall	30	AP	Sheetrock on Frame, Movable		5	15		1075		
A12hh	INTER	Wall	32	AP	Sheetrock on Frame, Movable		5	15				
A12ii	INTER	Wall	34	AP	Sheetrock on Frame		5	15				
A12jj	INTER	Wall	93 Boys		Ceramic Tile on Frame		26	15		114		
A12kk	INTER	Wall	93 Girls		Ceramic Tile on Frame		26	15		121		
A12ll	INTER	Wall	93 Faculty		Ceramic Tile on Frame		26	15		50		
A12mm	INTER	Wall	25	AP	Sheetrock on Frame		5	15		1070		
A12nn	INTER	Wall	27	AP	Sheetrock on Frame		5	15		854		
A12oo	INTER	Wall	36	AP	Sheetrock on Frame		5	15		1075		
A12pp	INTER	Wall	38	AP	Sheetrock on Frame		5	15		852		
A12qq	INTER	Wall	Nurse	AP	Sheetrock on Frame, CMU,		5	15		547		
A12rr	INTER	Wall	Gym		CMU		46	50		4216		

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Springfield School,
Inventory/Evaluation - 8

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
A12ss	INTER	Wall	Gym Boys		CMU		46	50		69		
A12tt	INTER	Wall	Gym Girls		CMU		46	50		69		
A13a	INTER	Int Doors	Boiler Rm	AP	Knob not knarled	replace	80	30	2	1	\$500	\$500
A13b	INTER	Int Doors	39 Corridor	AP	Not rated, no closer	replace	80	30	3	12	\$1,500	\$ 18,000
A13c	INTER	Int Doors	Kitchen	LF	No lockdown-security concern	replace	80	30	3	1	\$1,500	\$1,500
A13d	INTER	Int Doors	Cafeteria	LF	No lockdown-security concern	replace	80	30	3	4	\$500	\$ 2,000
A13e	INTER	Int Doors	57 Corridor	AP	Not rated, no closer	replace	62	30	3	5	\$1,500	\$ 7,500
A13f	INTER	Int Doors	08	AP	No lever handle.	replace	62	30	3	1	\$500	\$500
A13g	INTER	Int Doors	09	AP	No lever handle.	replace	62	30	3	1	\$500	\$500
A13h	INTER	Int Doors	10	AP	No lever handle.	replace	62	30	3	1	\$500	\$500
A13i	INTER	Int Doors	11	AP	Lever handle.	replace	62	30	3	1	\$500	\$500
A13j	INTER	Int Doors	12	AP	Lever handle.	replace	62	30	3	1	\$500	\$500
A13k	INTER	Int Doors	64 Corridor	AP	Not rated, no closer	replace	55	30	3	10	\$1,500	\$ 15,000
A13l	INTER	Int Doors	93 Corridor	AP	Rated, Closers	replace	55	30	3	22	\$1,500	\$ 33,000
A13m	INTER	Int Doors	Gym	ADA	Not accessible	replace	55	30	3	2	\$1,500	\$ 3,000
A15a	INTER	Grab Bars	08	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15b	INTER	Grab Bars	09	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15c	INTER	Grab Bars	10	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15d	INTER	Grab Bars	11	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15e	INTER	Grab Bars	12	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15f	INTER	Grab Bars	25	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15g	INTER	Grab Bars	27	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15h	INTER	Grab Bars	36A	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15i	INTER	Grab Bars	38A	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15j	INTER	Grab Bars	Nurse	ADA	No vertical	Add	N/A	15	2	1	\$500	\$500
A15k	INTER	Grab Bars	Boys Gym	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A15l	INTER	Grab Bars	Girls Gym	ADA	Not provided.	Add	N/A	15	2	1	\$500	\$500
A16a	INTER	Casework	01		Beyond Useful Life/Functional		80	20	5	1		
A16b	INTER	Casework	02		Beyond Useful Life/Functional		80	20	5	1		
A16c	INTER	Casework	06		Beyond Useful Life/Functional		80	20	5	1		
A16d	INTER	Casework	13		Beyond Useful Life/Functional		80	20	5	1		

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
		<ul style="list-style-type: none"> RTU-1 	Roof above Media Center	PM	The Media Center is serviced by a packaged rooftop HVAC unit with integral DX cycle for cooling, with hot gas reheat for dehumidification and hydronic hot water for heating. The unit appears to be in almost new condition, as it was just installed under 2016 renovations.	Continue with preventative maintenance as prescribed by manufacturer.	2	15 to 20	1	-	-	-
H2	HVAC	Indoor Air Handling Units:										
		<ul style="list-style-type: none"> AHU-1 	Gymnasium/ Mechanical/Storage Room	PM	The Gymnasium is serviced by an indoor central station air handling unit with DX evaporator for cooling and outdoor condensing unit and duct mounted gas-fired furnace for heating/reheating/dehumidification. The unit appears to be in almost new condition, as it was just installed under 2016 renovations.	Continue with preventative maintenance as prescribed by manufacturer.	2	20 to 25	2	-	-	-

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
		<ul style="list-style-type: none"> AHU-2 	Attic above Storage / Cafetorium	PM	The Cafetorium is serviced by an indoor central station air handling unit with DX evaporator and outdoor condensing unit for cooling, and hydronic hot water for heating/reheating/dehumidification. The unit appears in almost new condition, as it was just installed 2016.	Continue with preventative maintenance as prescribed by manufacturer.	2	20 to 25	2	-	-	-
H3	HVAC	Unit Ventilators	Classrooms		Each classroom has a traditional, under-the-window, unit ventilator with DX evaporator, outdoor condensing unit for cooling and hydronic hot water for heating:		2	25 to 30	-	-	-	-
				PM	<ul style="list-style-type: none"> The unit ventilators appear to be in almost new condition, as they were just installed under the 2016 renovations. 	Continue with preventative maintenance as prescribed by the manufacturer.	-	-	2	-	-	-

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
				FU/ ENV	<ul style="list-style-type: none"> The design documents call for the hydronic heating coil to be in reheat position, to compliment a heating and dehumidification cycle. A typical BMS control screen indicates that the hydronic heating coil was installed in the preheat position, without benefit of humidity controls. 	This disparity has been reviewed with the equipment manufacturer (Carrier), who indicated that UV's with split system DX cooling are not available with heating coil in reheat position. We trust the BOE can get further background from original design firm. In meantime the BOE should monitor summer humidity levels with diligence.	-	-	1	-	-	-
H4	HVAC	Ductless Mini-Split Heat Pumps	Superintendent's Office & I/T Areas	PM	The listed spaces are serviced by dedicated mini-split heat pumps, with indoor fan/coil unit, and outdoor condensing unit. The mini-splits appear to be in almost new condition, as they were just installed under the 2016 renovations.	Continue with preventative maintenance as prescribed by the manufacturer	2	15 to 20	2	-	-	-

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
H5	HVAC	Refrigeration Equipment:	On Roof & At Grade		The air conditioning needs of indoor air handling unit, and classroom unit ventilator are serviced by dedicated, outdoor, air cooled condensing units with integral compressor, condenser coil and condenser fan:		2	15 to 20	-	-	-	-
				PM	<ul style="list-style-type: none"> The units appear to be in almost new condition, as they were just installed under the 2016 renovation project. 	<ul style="list-style-type: none"> Continue with preventative maintenance as prescribed by the manufacturer. 	-	-	2	-	-	-
				PM	<ul style="list-style-type: none"> The smaller, grade-mounted condensing units do not have protective coil guards. However, the larger grade mounted units, and most of the roof mounted equipment, do not. 	<ul style="list-style-type: none"> Installation of protective coil guards will help prevent damage from groundskeeping equipment, student activities (baseball) and weather (hail). 	-	-	2	36	\$1,000	\$36,000
				PM	<ul style="list-style-type: none"> Monitor condition of exterior finish on outdoor pipe insulation to prevent UV damage. 	<ul style="list-style-type: none"> Renew finish on an as required basis ($\pm$ 2 year intervals). 	-	-	2	-	-	-
H6	HVAC	Heating Hot Water Boilers	Basement Boiler Room		Hot water for the hydronic heating system is generated by two (2), high efficiency, gas-fired, condensing type boilers. Each boiler has an input rating of 2,000,000 BTU:		3	10 to 15	-	-	-	-

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
				PM	<ul style="list-style-type: none"> The boilers appear to be in almost new condition, as they were installed under the 2015 renovation. 	Continue with preventative maintenance as prescribed by the manufacturer.	-	-	2	-	-	-
				PM	<ul style="list-style-type: none"> The pressure vessels are of aluminum construction. 	Water chemistry, particularly pH, must be maintained within the manufacturer's specifications. Consider need for water treatment on a monthly basis, as well as addition of a make-up water meter to track consumption of make-up, and a pH meter.	-	-	1	-	-	-
				PM	<ul style="list-style-type: none"> Under NJAC 12:90-3.5, the 4,000,000 BTU input rating of the heating hot water plant requires licensed person to operate the boilers when the building is occupied. 	Continue to staff building as required under the Statute.	-	-	1	-	-	-
H7	HVAC	Heating Hot Water Circulation Pumps	Basement Boiler Room		Hot water for the hydronic heating system is circulated throughout the building by a pair of base-mounted, end suction pumps. One (1) unit operates, while the other serves as a standby:		3	25 to 30	-	-	-	-

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
				PM	<ul style="list-style-type: none"> The pumps appear to be in almost new condition, as they were just installed under the 2016 renovations. 	Continue with preventative maintenance as prescribed by the manufacturer.	-	-	2	-	-	-
				PM	<ul style="list-style-type: none"> Runtime on both pumps should be equalized to maximize service life. 	Verify that the building management system (BMS) rotates the lead and lag pumps on a regular basis.	-	-	2	-	-	-
H8	HVAC	Exhaust Fan	Roof, Ceiling & Sidewall	PM	As required under NJAC 6A:26, the building has approximately 25 mechanically powered exhaust fans that extract code required ventilation air from each space. The exhaust fans appear to be in almost new condition, as they were just installed in 2016.	Continue with preventative maintenance as prescribed by the manufacturer.	2	25 to 30	2	-	-	-
H9	HVAC	Range Hood	Kitchen	LS	Due to its vintage, the range hood does not bear a UL Label (or equivalent).	We suspect the existing installation is grandfathered. Should the Kitchen be renovated in the future, the hood should be replaced with a labeled unit.	Unknown	>30	5	1	\$50,000	\$50,000

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
H10	HVAC	Attic	Attic	BI	The attic above the Cafetorium is reported to be extremely hot in the summer.	The envelope of the Cafetorium, and placement of insulation and vapor barrier, require further study before recommendations for improvement can be made.	Unknown	NA	3	1	\$70,000	\$70,000
H11	HVAC	BMS	Building-Wide		The HVAC systems of the building are sequenced by a networked system of direct digital controls, with an operator work station in the Buildings & Grounds Office:		2	10 to 15	-	-	-	
				PM	<ul style="list-style-type: none"> The BMS appears to be in almost new condition, as they were just installed under the 2016 renovation. 	Continue with preventative maintenance as prescribed by the manufacturer.	-	-	2	-	-	

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
					<ul style="list-style-type: none"> The operating personnel indicated that additional training would be desirable to reinforce their knowledge of the system. 	Schedule training through manufacturer. As part of each service visit, the manufacturer's responsibility should included: <ul style="list-style-type: none"> - Spot-checking the calibration of sensing devices on random basis, in the presence of District personnel to enhance knowledge of control basics. Functional demonstration of control sequence at major HVAC equipment on rotating basis, to enhance District personnel knowledge of control principles. Installation of system updates as they are released by factory. 						
P1	PLBG	HWH	Kitchen	PM	-	See Item P7			-	-	-	
P2	PLBG	RR Fixtures	39 Boys	AP			3	40	2	1	\$3,500	\$3,500
P2	PLBG	RR Fixtures	39 Girls Rm	AP			3	40	2	1	\$3,500	\$3,500
P2	PLBG	RR Fixtures	Main Off	ADA	Not Accessible		20	40	2	1	\$3,500	\$3,500
P2	PLBG	RR Fixtures	08	ADA	Not Accessible		40	40	2	1	\$3,500	\$3,500
P2	PLBG	RR Fixtures	09	ADA	Not Accessible		40	40	2	1	\$3,500	\$3,500

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
P2	PLBG	RR Fixtures	10	ADA	Not Accessible		40	40	2	1	\$3,500	\$3,500
P2	PLBG	RR Fixtures	11	ADA	Not Accessible		40	40	2	1	\$3,500	\$3,500
P2	PLBG	RR Fixtures	12	ADA	Not Accessible		40	40	2	1	\$3,500	\$3,500
P3	PLBG	Grease Trap	Kitchen	FU	-	See Item P8		N/A	2			
P4	PLBG	Drinking	39 Corridor	ADA	Not Accessible, Lead		80	15	2	1	\$5,000	\$5,000
P4	PLBG	Drinking	08	ADA	Not Accessible		20	15	2	1	\$5,000	\$5,000
P4	PLBG	Drinking	10	ADA	Not Accessible		20	15	2	1	\$5,000	\$5,000
P4	PLBG	Drinking	64 Corridor	ADA			?	15	2	1	\$5,000	\$5,000
P4	PLBG	Drinking	93 Corridor	ADA			?	15	2	1	\$5,000	\$5,000
P5	PLBG	Classroom Sink	08	ADA	Not Accessible		62	40	2	1	\$2,500	\$2,500
P5	PLBG	Classroom Sink	09	ADA	Not Accessible		62	40	2	1	\$2,500	\$2,500
P5	PLBG	Classroom Sink	10	ADA	Not Accessible		62	40	2	1	\$2,500	\$2,500
P5	PLBG	Classroom Sink	11	ADA	Not Accessible		62	40	2	1	\$2,500	\$2,500
P5	PLBG	Classroom Sink	12	ADA	Not Accessible		62	40	2	1	\$2,500	\$2,500
P5	PLBG	Classroom Sink	32	ADA	Not Accessible		26	40	2	1	\$2,500	\$2,500

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
P6	PLBG	Water Service	Site & Basement Boiler Room		Domestic water is supplied to the facility by a well water system with a submersible pump. The service is of 2-inch diameter pipe. The underground service is routed through the service structure of the abandoned hydro pneumatic tank before it enters the Basement Boiler Room. After entering the Boiler Room, all of the domestic water is routed through a pair of softeners (that are piped in parallel), and then distributed to the plumbing fixtures, and associated hot water heaters that require same:		Unknown	10 to 20	-	-	-	
			PM		<ul style="list-style-type: none"> The visible portions (of uninsulated) piping indicate that some portions of the installation may be rather dated. 	If it is not already part of standard protocol, the School District should have the water tested on a regular basis for presence of lead, as well as overall quality.	-	-	1	-	\$1,500/year	

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
			PM		<ul style="list-style-type: none"> Abandon hydro-pneumatic tank. 	For housekeeping purposes, the abandoned hydro-pneumatic tank should be removed from site, or filled with sand to prevent collapse.	-	-	5	1	\$30,000 for outright removal or \$10,000 if filled with sand	\$10,000
P7	PLBG	Domestic Hot Water Heaters	Various Mechanical Rooms & Janitorial Closets	PM	Domestic hot water for the facility is generated by approximately 5 small-scale(≤ 40 gallon), electrically powered domestic hot water heaters. The heaters are located to service a strategic area of the building, so as to mitigate the need for recirculation loops that are commonly used in centralized loops:		Varies	5 to 15	-	-	-	
				PM	<ul style="list-style-type: none"> An inventory of the various heaters should be created to facilitate a planned replacement program. 		-	-	2	-	-	

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
				PM	<ul style="list-style-type: none"> The physical condition of each heater appears to vary from location to location, presumably in conjunction with age. 	Continue with preventative maintenance as prescribed by the manufacturer. Preventative maintenance procedures should include periodic testing of T/P valves and inspection of anodes.	-	-	2	-	-	
				BC	<ul style="list-style-type: none"> The typical installation at each heater does not incorporate use of an expansion tank. 	As heaters are replaced, installation of expansion tanks are recommended.	-	-	2	6	\$2,000	\$12,000
				BC	<ul style="list-style-type: none"> The heater at the Kitchen does not incorporate use of a dual temperature (140°F/120°F) distribution loop. 	We suspect the existing Kitchen is grandfathered into code compliance. Future renovations should anticipate a need for upgrade.	-	-	5	1	\$15,000	\$15,000
P8	PLBG	Kitchen Drainage	Kitchen	BC	<ul style="list-style-type: none"> The Kitchen drainage system does not incorporate a grease trap. 	We suspect the existing Kitchen is grandfathered into code compliance. Future renovations should anticipate a need for upgrade.	-	-	5	1	\$25,000	\$25,000
P9	PLBG	Fixtures	Public Restrooms	PM	<ul style="list-style-type: none"> The plumbing fixtures in all of the public restrooms appeared to be in a good 	The '39 facilities were modernized under the 2016 renovation	-	25 to 30	5	-	See Item P1 to P5	

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
FP1	FP	Sprinklers	Gym	BC	<ul style="list-style-type: none"> The Storage Room in the Gymnasium incorporates a limited area sprinkler system. 	Consider installation of sprinklers or eliminate storage in the	-	-	1	LS	\$5,000 **	\$5,000
						** Indicated cost represents work associated with study, recommendations and conceptual design as additional sprinklers may drive need for increased water supply						
FP2	FP	Kitchen Hood	Kitchen	BC	<ul style="list-style-type: none"> The kitchen hood incorporates an ansul system of dated vintage. 	Any proposed renovation to the Kitchen should anticipate the need for hood replacement.	-	-	-			See Item H9
E1	ELEC	Junction Box		LS			-	>40	1	1	\$250	\$250
E2a	ELEC	Lighting	39 Corridor	E	LED	-	3	20	-	8	-	-
E2b	ELEC	Lighting	Cafeteria	E	Fluorescent	Replace with LED fixture.	10	20	4	10	\$300	\$3,000
E2c	ELEC	Lighting	3 Bd/BA	E	Fluorescent	Replace with LED	25	20	4	3	\$300	\$900
E2d	ELEC	Lighting	4 Main Off	E	Fluorescent	Replace with LED fixture.	25	20	4	12	\$300	\$3,600
E2e	ELEC	Lighting	39 Boys	E	Fluorescent	Replace with LED fixture.	3	20	4	2	\$300	\$600
E2f	ELEC	Lighting	39 Girls	E	Fluorescent	Replace with LED fixture.	3	20	4	2	\$300	\$600
E2g	ELEC	Lighting	01	E	Fluorescent	Replace with LED fixture.	20	20	4	10	\$300	\$3,000
E2h	ELEC	Lighting	02	E	Fluorescent	Replace with LED fixture.	20	20	4	9	\$300	\$2,700
E2i	ELEC	Lighting	06	E	Fluorescent	Replace with LED fixture.	20	20	4	10	\$300	\$3,000
E2j	ELEC	Lighting	13	E	Fluorescent	Replace with LED fixture.	20	20	4	10	\$300	\$3,000

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
E2k	ELEC	Lighting	14	E	Fluorescent	Replace with LED fixture.	20	20	4	10	\$300	\$3,000
E2l	ELEC	Lighting	Kitchen	E	Fluorescent	Replace with LED fixture.	20	20	4	6	\$300	\$1,800
E2m	ELEC	Lighting	57 Corridor	E	LED	-	3	20	-	11	-	-
E2n	ELEC	Lighting	08	E	Fluorescent	Replace with LED fixture.	20	20	4	14	\$300	\$4,200
E2o	ELEC	Lighting	08	E	Incandescent	Replace with LED fixture.	20	20	3	2	\$300	\$600
E2p	ELEC	Lighting	09	E	Fluorescent	Replace with LED fixture.	20	20	4	15	\$300	\$4,500
E2q	ELEC	Lighting	10	E	Fluorescent	Replace with LED fixture.	20	20	4	15	\$300	\$4,500
E2r	ELEC	Lighting	10	E	Incandescent	Replace with LED fixture.	20	20	3	2	\$300	\$600
E2s	ELEC	Lighting	11	E	Fluorescent	Replace with LED fixture.	20	20	4	15	\$300	\$4,500
E2t	ELEC	Lighting	12	E	Fluorescent	Replace with LED fixture.	20	20	4	15	\$300	\$4,500
E2u	ELEC	Lighting	57 Lobby	E	LED	-	3	20	-	2	-	-
E2v	ELEC	Lighting	Stor 15B	E	Incandescent	Replace with LED fixture.	55	20	3	1	\$300	\$300
E2w	ELEC	Lighting	15	E	LED	-	3	20	-	15	-	-
E2x	ELEC	Lighting	Library	E	LED	-	3	20	-	33	-	-
E2y	ELEC	Lighting	64 Boys	E	Fluorescent	Replace with LED fixture.	3	20	4	4	\$300	\$1,200
E2z	ELEC	Lighting	64 Girls	E	Fluorescent	Replace with LED fixture.	3	20	4	3	\$300	\$900
E2aa	ELEC	Lighting	17	E	LED	-	3	20	-	15	-	-

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
E2bb	ELEC	Lighting	19	E	LED	-	3	20	-	19	-	-
E2cc	ELEC	Lighting	20	E	LED	-	3	20	-	15	-	-
E2dd	ELEC	Lighting	21	E	LED	-	3	20	-	15	-	-
E2ee	ELEC	Lighting	22	E	LED	-	3	20	-	22	-	-
E2ff	ELEC	Lighting	93 Corridor	E	Fluorescent	Replace with LED fixture.	26	20	4	10	\$300	\$3,000
E2gg	ELEC	Lighting	23 Conf	E	Fluorescent	Replace with LED fixture.	26	20	4	2	\$300	\$600
E2hh	ELEC	Lighting	24	E	Fluorescent	Replace with LED fixture.	26	20	4	4	\$300	\$1,200
E2ii	ELEC	Lighting	26	E	Fluorescent	Replace with LED fixture.	26	20	4	4	\$300	\$1,200
E2jj	ELEC	Lighting	28	E	Fluorescent	Replace with LED fixture.	26	20	4	4	\$300	\$1,200
E2kk	ELEC	Lighting	30	E	Fluorescent	Replace with LED fixture.	26	20	4	4	\$300	\$1,200
E2ll	ELEC	Lighting	32	E	Fluorescent	Replace with LED fixture.	26	20	4	4	\$300	\$1,200
E2mm	ELEC	Lighting	34	E	Fluorescent	Replace with LED fixture.	26	20	4	10	\$300	\$3,000
E2nn	ELEC	Lighting	93 Boys	E	Fluorescent	Replace with LED fixture.	26	20	4	1	\$300	\$300
E2oo	ELEC	Lighting	93 Girls	E	Fluorescent	Replace with LED fixture.	26	20	4	1	\$300	\$300
E2pp	ELEC	Lighting	93 Faculty	E	Fluorescent	Replace with LED fixture.	26	20	4	1	\$300	\$300
E2qq	ELEC	Lighting	25	E	Fluorescent	Replace with LED fixture.	26	20	4	6	\$300	\$1,800
E2rr	ELEC	Lighting	27	E	Fluorescent	Replace with LED fixture.	26	20	4	6	\$300	\$1,800

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Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
E2ss	ELEC	Lighting	36	E	Fluorescent	Replace with LED fixture.	26	20	4	6	\$300	\$1,800
E2tt	ELEC	Lighting	38	E	Fluorescent	Replace with LED fixture.	26	20	4	6	\$300	\$1,800
E2uu	ELEC	Lighting	16 Nurse	E	Fluorescent	Replace with LED fixture.	26	20	4	4	\$300	\$1,200
E2vv	ELEC	Lighting	Gym	E	Fluorescent	Replace with LED fixture.	46	20	4	22	\$300	\$6,600
E2ww	ELEC	Lighting	Gym Boys	E	Fluorescent	Replace with LED fixture.	46	20	4	1	\$300	\$300
E2xx	ELEC	Lighting	Gym Girls	E	Fluorescent	Replace with LED fixture.	46	20	4	1	\$300	\$300
E3	ELEC	Generator	Site		Generator is labeled for 480 volt, 3 phase, however the accompanying Automatic Transfer Switch (ATS) and all building panels are 208/120 volt, 3 phase, 4 wire, therefore the generator was apparently either mis-labeled at the factory, or it was re-wired in the field for 208/120 volt operation. It was installed in 2016 and is in new condition.	Continue with preventative maintenance as prescribed by manufacturer.	4	20	-	-	-	
E4	ELEC	Generator	Site	FU	Well, P/A, Security not on generator. The generator has ample capacity to accommodate these additional loads.	Swing these loads onto generator.	-	-	2	1	\$7,500	\$7,500
E5	ELEC	Old Generator	Sewer Plant	AP	Abandoned generator not removed.	Remove abandoned generator.	>30	20	5	1	\$2,500	\$2,500

SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 26

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
E6	ELEC	Fire Alarm System	Basement Mech/Stora ge Room		The fire alarm system is based on an Edwards EST3 Fire Alarm Control Panel, which provides a fully addressable system. There appears to be full coverage protection provided, but apparently several devices from the previous system were left in place after installation of the current system (some examples below). There is also a remote annunciator present at the main entrance.	Continue with preventative maintenance as prescribed by manufacturer.	<25	15	-	-	-	-
E7	ELEC	F/A Strobes	RR	LS	ADA requires strobes in toilets.	Install fire alarm strobes.	-	20	1	20	\$300	\$6,000
E8	ELEC	F/A Heat Detector	Behind Stage	AP	Old devices not removed after new inst.		>30	20	5	1	\$200	\$200
E8	ELEC	F/A Heat Detector	Jan. Closet	AP	Old devices not removed after new inst.		>30	20	5	1	\$200	\$200
E9	ELEC	Egress Lighting		E				20			-	-
E10	ELEC	Egress Signage	34	FU				20			-	-

SPRBOE Facilities Assessment

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Springfield School,
Inventory/Evaluation - 27

[illegible]

SPRBOE Facilities Assessment
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Springfield School,
Inventory/Evaluation - 28

Item #	Element Code	Element	Location	Deficiency	Description	Remedy	Present Age	Typ Service Life	Priority	Quantity	Cost/ Unit	Cost
SUMMARY												
		Exterior Building-Mounted Lighting							2			\$ 25,000
		Exterior Paving/Curbing							3			\$ 552,400
		Roofing							3			\$ 188,490
		Masonry Repairs							3			\$ 46,000
		Exterior Doors							2			\$ 207,000
		APC							4			\$ 264,590
		LEDs, Other Electrical							4			\$107,800
		Flooring							4			\$ 221,182
		Hardware (Closers, Grab Bars)							3			\$89,000
		Plumbing, Range Hood, Attic							3			\$255,000

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SPRBOE Facilities Assessment
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Springfield School,
Inventory/Evaluation - 30

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 32

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 34

[illegible]

SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 35

[illegible]

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 37

[illegible]

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 45

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 46

[illegible]

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 52

[illegible]

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SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 54

[illegible]

SPRBOE Facilities Assessment
RYEBREAD Project #5612

Springfield School,
Inventory/Evaluation - 55

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