School : Elmworth Date : March 9/00	
104 819	

	hool Name:					School Code:	1104
Lo	cation:	Elmworth				Facility Code:	1819
Do	egion:	North				Superintendent:	Mr. Croov Mozor
	-		:4: D	-i		·	Mr. Greey Mazer
Jui	risdiction:	Peace W		jionai			Mr. Al Mcewan
		Division N	No. 33			Telephone:	(780) 532-8133
Gra	ades:	K - IX				School Capacity:	150
Building Se	ection	Year of Compl.	No. of Floors	Gross Bldg Area (Sq.M.)	Type of Construction (i.e., structure, roof, cladding)	Description of Mechanical Systems (incl. major upgrades)	Comments/Notes
Original B	Building	1962	1	929	Masonry, flat roof, painted, metal industrial siding to gym. area.	The heating and ventilation system consists of six (6) Lennox gas fired furnaces.	
Additions, Expansion	-	1978	1	736.3	Masonary, flat roof, painted.	The heating and ventilation system consists of six (6) Lennox gas fired furnaces.	
						Evaluator's Name:	Tomas O'Scolai M.A.A.A.,M.R.A.I.C
						& Company:	Tomas Anton O'Scolai Architect

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Upgrading/ Modernization (identify whether minor or major)	1995	1		No modernization	Twelve (12) residential, gas fired Lennox furnaces and assocciated ductwork were installed in 1995, in lieu of the old furnaces.	The existing heating and ventilation system is not practical for this school application. It cannot provide a back-up heating system and does not meet ASHRAE 62-1989 Standards for ventilation requirements. Therefore, it is recommended to replace this system with new hot water heating and ventilation system.
(identify whether attached/perman. or free-standing/ relocatable)	N/A			No modernization		
List of Reports/ Supplementary Information	Updated Updated Roof repo	floor plar	٦.			

Evaluation Components	Summary Assessment	Estim. Co
1 Site Conditions	Replace sidewalks and stoops. New flag pole. Regravel driveway.	\$19,500
2 Building Exterior	Replace and repair roofing. Paint exterior. Repair masonry. Replace hardware on doors. Repair hardware on windows.	\$59,425
3 Building Interior	Replace floor covering. Repaint ceiling. Replace chalk boards.	\$81,000
4 Mechanical Systems	The existing heating and ventilation furnace system does not meet ASHRAE 62-1989 Standards or present ventilation code requirements. It is recommended that a new hot water heating system with air handling units shall replace this system	\$297,80
5 Electrical Systems	The electrical system is generally in fair condition. Upgrades are required for security lighting, car parking, fire alarm, Em lighting, lighting, branch circuit panels and receptacles.	\$62,700
6 Portable Buildings	N/A	
7 Space Adequacy:	#	
7.1 Classrooms	Surplus + 51.4 m sq.	
7.2 Science Rooms/Labs	Deficient - 28.1 m sq.	
7.3 Ancillary Areas	Deficient - 145.1 m sq.	
7.4 Gymnasium	Surplus + 74.0 m sq.	
7.5 Library/Resource Areas	Surplus + 24.1 m sq.	
7.6 Administration/Staff Areas	Deficient - 70.0 m sq.	
7.7 CTS Areas		
7.8 Other Non-Instructional Areas (incl. gross-up)	Surplus + 326.0 m sq.	
Overall School Conditions & Estim. Costs	Surplus + 232.3 m sq.	\$520,42

Part II - Physical Condition

ction 1	Site Conditions	Rating	Comments/Concerns	Estim. Cos
1.1	General Site Condions			
1.1.1	Overall site size.			
		4	Adequate.	
1.1.2	Outdoor athletic areas.			
		4	Rough grass - Adequate.	
			Paved area to the east of the gym.	
1.1.3	Outdoor playground areas, including condition of			
	equipment and base.	4	Ice hockey rink behind school.	
			Gravel base.	
1.1.4	Site landscaping.			
		4	Front yard is graveled.	
			No concerns.	
1.1.5	Site accessories (i.e., perimeter and other fencing,			
	guard rails, bike stands, flag poles).	3	Overall condition is fair.	\$2,000
			A new flag pole is required however.	Ψ2,000
1.1.6	Surface drainage conditions (i.e., drains away from			
	building, signs of ponding).	4	No signs of ponding site grades.	
		_	Well generally.	
1.1.7	Evidence of sub-soil problems.			
	·	4	No concerns.	
		-	ivo concerns.	
1.1.8	Safety and security concerns due to site conditions.			
	,	4	Cover to well is loose - needs locking up.	
		4	Other than that, no concerns.	
Other				

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Part II - Physical Condition

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Section 1	Site Conditions	Rating	Comments/Concerns	Estim. Cost
1.2	Access/Drop-Off Areas/Roadways/Bus Lanes			
1.2.1	Vehicular and pedestrian access points (i.e., size, number, visibility, safety).	4	2 accesses from the road way. No reported concerns.	
1.2.2	Surfacing of on-site road network (note whether asphalt or gravel).	3	Driveway is graveled. Gravel is thinning out - Require more gravel.	\$2,000
1.2.3	Bus lanes/drop-off areas (note whether on-site or off-site).	4	On-site.	
1.2.4	Fire vehicle access.	4	Rear access is via field.	
1.2.5	Signage.	3	Building - signed. Bus lane - No sign. Fire lane - No sign. Car parking - No sign.	\$500
Other				

Part II - Physical Condition

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Section 1	Site Conditions	Rating	Comments/Concerns	Estim. Cost
1.3	Parking Lots and Sidewalks			
1.3.1	Number of parking spaces for staff, students and visitors (including stalls for disabled persons).	4	Car parking in front of school, space for 8 cars - Adequate.	
1.3.2	Layout and safety of parking lots.	4	Low traffic area. No reported concerns. Refer to (1.2.1)	
	Surfacing and drainage of parking lots (note whether asphalt or gravel).	4	Graveled. Grades well to road. No reported or observed concerns.	
1.3.4	Layout and safety of sidewalks.	4	No problems with layout of sidewalk. Refer to (1.3.5).	
	Surfacing and drainage of sidewalks (note type of material).	3	Sidewalks are cracked and require replacement including stoop to east entrance. Sidewalks are set higher than crawl space ventilation grills.	\$15,000
1.3.6	Curb cuts and ramps for barrier free access.	4	As required.	
Other				
	Overall Site Conditions & Estimated Costs			\$19,500

Part II - Physical Condition

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	Building Exterior	Rating		Comments/Concerns	Estim. Cost
2.1	Overall Structure		Bldg. Section	Description/Condition	
2.1.1	Floor structure and beams (i.e., signs of bending, cracking, heaving, settlement, voids, rust, stains).	4	All	Suspended wood floor - crawl space. No apparent problems.	
2.1.2	Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains).	3	1962	Concrete block. Concrete block masonry wall is damaged and split at front entrance.	
			1978	Crack in masonry by south east corner under window - should be repaired.	\$2,000
2.1.3	Roof structure (i.e., signs of bending, cracking, voids, rust, stains).		1962	Glulan beams and wood joists and deck in gupsum.	
		4	Other sections	Wood joists and wood deck. No apparent problems.	
Other					

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Section 2	Building Exterior	Rating		Comments/Concerns	Estim. Cost
	Roofing and Skylights Identify the availability of an up-to-date inspection report or roofing program. Note if roof sections are of different ages and/or in varying		Bldg. Section or Roof Section	Description/Condition/Age	
	Based on the inspection report (and to the extent possible, direct observation), assess and rate roof conditions and estimate costs for required improvements (i.e., covering materials, membrane, insulation, other components).				
		2	1978 1962	Refer to roof report plans. Built-up roof - these section require re-roofing completely (605 m sq.). Roof over gym. has had recent spot repairs to built-up roof.	\$21,150
			1962	Built-up roof over front entrance is showing signs of leaking - requires replacement (145 m sq.).	\$5,075
	Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).	3	1962	Roof access ladder is via a wooden ladder from the storage room # 101 - It is not very stable. It should be replaced.	\$500
2.2.3	Control of ice and snow falling from roof.	4	All	No reported concerns.	
	Skylights (i.e., signs of distress, leaks, ice build-up, condensation, deteriorated materials/seals).			N/A	
Other					

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Section 2	Building Exterior	Rating		Comments/Concerns	Estim. Cost
2.3	Exterior Walls/Building Envelope		Bldg. Section	Description/Condition	
2.3.1	Exterior wall finishes (i.e., signs of deterioration, cracks, brick spalling, effluorescence, water stains).	3		Masonry blockwork requires repainting.	\$18,000
	Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).	3		Soffit and fascia - Wood painted. Evidence of peeling paint - Should be covered with pre-finished metal.	\$2,000
2.3.3	Building envelope (i.e., evidence of air infiltration/ exfiltration through the exterior wall or ice build up on wall, eaves, canopy).	3		Evidence of water penetration, damage by front entrance and masonry. Refer to (2.1.2)	cost in 2.1.2
2.3.4	Interface of roof drainage and ground drainage systems.	4	All	Splashpads are large and slope adequately.	
2.3.5	Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots).	3		Evidence of recent air and water infiltration on north masonry wall of gym. and north and west wall on stage by stairs.	\$2,000
Other					

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Section 2	Building Exterior	Rating		Comments/Concerns	Estim. Cost
2.4	Exterior Doors and Windows		Bldg. Section	Description/Condition	
	Doors (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	3	All	Pressed steel frames, wood frames. Metal doors and wood doors. All in reasonable condition. Require repainting.	\$1,500
	Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	4	All	Old, but working requires regular maintenance.	
2.4.3	Exit door hardware (i.e., safety and/or code concerns).	3	All	Hardware is old - Requires replacing.	\$3,000
	Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	3		Aluminum windows and sills. All windows require re-caulking.	\$1,200
2.4.5	Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	3		Aluminum windows. On going concerns with hardware and screens.	\$3,000
	Building envelope (i.e., signs of heavy condensation on doors or windows).	4	All	No apparent signs of condensation.	
Other					
	Overall Bldg Exterior Condition & Estim Costs				\$59,425

Part II - Physical Condition

Section 2	Building Interior - Overall Conditions	Dating		Comments/Concerns	Estim. Cost
	Interior Structure	Rating	Bldg.	Comments/Concerns	Estim. Cost
3.1	interior otructure		Section	Description/Condition	
3.1.1	Interior walls and partitions (i.e., signs of cracks, spalling, paint peeling).	4	ΔΙΙ	Masonry and wood stud walls. No apparent signs of problems.	
3.1.2	Floors (i.e., signs of cracks, heaving, settlement).	4	All	Wood floors - No apparent signs of deflection or settlements.	
Other					
3.2	Materials and Finishes		Bldg.	D 1 (1 10 11)	
3.2.1	Floor materials and finishes.	3	Section 1962	Description/Condition Resilient flooring floor covering - Showing signs of wear in the corridors in particular - Replace floor coverings.	\$22,000
0.00	Well and sink and finish a		1978	Gym. floor is wood strip - In fair condition. Carpet in library - Fair condition.	
3.2.2	Wall materials and finishes.	3	1978 1962	Vinyl covered gypsum board - In fair condition. Gypsum board painted - In fair condition. Cosmetic finishes in this section are tired and dated and need to be modernized.	\$38,000
3.2.3	Ceiling materials and finishes.	2	1978	Suspended acoustic tiles - In fair condition.	

\$2,000

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Glued on 12x12 tiles - Some are falling down in the corridor and the gym. in particular - replace.

3

1962

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Section 3	Building Interior - Overall Conditions	Rating		Comments/Concerns	Estim. Cost
3.2	Materials and Finishes (cont'd)		Bldg. Section	Description/Condition	
3.2.4	Interior doors and hardware.	3		Pressed steel frames solid core wood doors - Requires refinishing.	\$3,000
3.2.5	Millwork	3	1978 1962	Wood and plywood frame painted with lino worktops. In fair condition - minor repairs.	\$2,000
3.2.6	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).	3	All	All chalkboards are showing signs of wear and should be replaced.	\$6,500
3.2.7	Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment).	4	1962	No reported problems.	
3.2.8	Washroom materials and finishes.	4	1978	Gypsum board ceiling, painted - In good condition. Ceramic wall tiles and masonry painted - In good condition. Mosaic and quarry floor tiles - In good condition.	
Other					

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Section 3	Building Interior - Overall Conditions	Rating		Comments/Concerns	Estim. Cost
3.3	Health and Safety Concerns Intent is to identify renovations considered necessary to		Bldg. Section	Description/Condition	
	meet applicable codes, primarily due to safety concerns. Basis of evaluation should be an up-to-date inspection report from the authority having jurisdiction together with direct observations as appropriate. Evaluator should note if in his opinion a comprehensive code evaluation is				
	Building construction type - combustible or non- combustible, sprinklered or non-sprinklered.	4		Combustible non sprinklered.	
	Fire separations (i.e., between buildings, wings, zones if non-sprinklered).	4		Appear to be in place.	
	Fire resistance rating of materials (i.e., corridor walls and doors).	4		Appear to be in place.	
3.3.4	Exiting distances and access to exits.	4		Appear to be compliant.	
3.3.5	Barrier-free access.	2		Access to the building is provided, but there are no handicap washroom facilities. Construct handicap washroom.	\$7,500
	Availability of hazardous materials audit (i.e., evidence of safety concerns with respect to asbestos, PCB's, chemicals).	4		No concerns reported.	
	Other health and safety concerns (i.e., evidence of excessive noise conditions, air quality problems)	4		None apparent.	
Other					
	Overall Bldg Interior Condition & Estim Costs				\$81,000

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Section 4	Mechanical Systems	Rating		Comments/Concerns	Estim. Cost
4.1	Mechanical Site Services				
	Site drainage systems (i.e., surface and underground systems, catch basins).	4		The site drainage system is surface type system and is in good condition. There is no water accumulation around the building.	
	Exterior plumbing systems (i.e., irrigation systems, hose bibs).	4		There is no irrigation system. The hose bibs are in fair condition.	
4.1.3	Outside storage tanks.			N/A	
Other					
4.2	Fire Suppression Systems		Bldg. Section	Description/Condition	
4.2.1	Fire hydrants and Siamese connections.		Section	N/A	
	Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems).			N/A	
	Hand extinguishers, blankets and showers (i.e., in CTS areas).	4	All	Fire extinguishers are in fair condition.	
4.2.4	Other special situations (e.g., flammable storage areas, science labs, CTS areas).			N/A	
Other					

Part II - Physical Condition

ion 4	Mechanical Systems	Rating		Comments/Concerns		
4.3	Water Supply and Plumbing Systems		Bldg. Section	Description/Condition		
4.3.1	Domestic water supply (i.e., pressure, volume, quality - note whether municipal or well supply).	5	All	Domestic water supply is from a private well. The water pressure and volume is fine.		
4.3.2	Water treatment system(s).	5	All	The water used for drinking is treated.		
4.3.3	Pumps and valves (including Backflow prevention valves).	5	All	The domestic water circulation pumps and valves are in good condition.		
4.3.4	Piping and fittings.	4	All	All piping and fittings are in fair condition.		
4.3.5	Plumbing fixtures (i.e., toilets, urinals, sinks)	4	All	All plumbing fixtures have individual isolation valves, meet all code requirements and are in fair condition.		
4.3.6	Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation).	4	All	The domestic hot water system consists of one (1) Jetglas natural gas fired heater. The capacity and conditions are good.		
4.3.7	Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic).	4	All	The sanitary sewer system including sumps and pits is to septic tanks then to a lagoon and is in fair condition.		
Other						

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Section 4	Mechanical Systems	Rating		Comments/Concerns	Estim. Cost
4.4	Heating Systems		Bldg. Section	Description/Condition	
4.4.1	Heating capacity and reliability (including backup capacity).	3	All	The existing heating system consists of twelve (12) residential lennox gas fired furnaces. This system cannot provide backup heating and is not reliable. It is recommended to install a new hot water heating system with a new boiler plant consisting of two (2) gas fired boilers (one stand-by).	\$107,500
	Heating controls (including use of current energy management technology.	3		The control system is a DDC control system that will have to be modified to a new hot water heating system.	\$21,000
4.4.3	Fresh air for combustion and condition of the combustion chimney.	3	All	The existing combustion air is sufficient however a new chimney is required.	\$8,000
4.4.4	Treatment of water used in heating systems.			N/A	
	Low water cutoff/pressure relief valves and failure alarms (i.e., hot water heating).			N/A	
4.4.6	Heating air filtration systems and filters.	4	All	All cartridge filters are clean and in fair condition	
4.4.7	Heating humidification systems and components.	N/A	All	There is no humidification system	

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Section 4	Mechanical Systems	Rating		Comments/Concerns	Estim. Cost
4.4	Heating Systems (cont'd)		Bldg.	Description/Condition	
	Heating distribution systems (i.e., piping, ductwork) and associated components (i.e., diffusers, radiators).	3	All	The ductwork components were upgraded in 1995. However, do not meet minimum air change requirements. Therefore, a new heating distribution system is required to use with the new boiler plant. See 4.4.1	Included in 4.4.1
4.4.9	Heating piping, valve and/or duct insulation.	4	All	The thermal insulation on the existing ductwork and piping system is in good condition.	
4.4.10	Heat exchangers.			N/A	
4.4.11	Heating mixing boxes, dampers and linkages.			N/A	
4.4.12	Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces).	3		The heating distribution system serving the gymnasium is not good. The new distribution system is required to use with the new boiler plant. See 4.4.1	included in 4.4.1
4.4.13	Zone/unit heaters and controls.	4	All	All unit heaters and entrance forced flow heaters are complete with thermostats and are in good condition	
Other					

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Estim. Cost

Section 4	Mechanical Systems	Rating		Comments/Concerns	Estim. Cost
4.5	Ventilation Systems		Bldg. Section	Description/Condition	
4.5.1	Air handling units capacity and condition.	3	All	The existing ventilation system consists of twelve (12) residential lennox gas fired furnaces. These units are not able to meet ASHRAE 62-1989 Standards. This furnace system needs to be replaced with air handling units.	\$161,300
4.5.2	Outside air for the occupant load (if possible, reference CFM/occupant).	3	All	The existing furnaces are not able to meet minimum 15CFM/ person of outside air. See 4.5.1	included in 4.5.1
4.5.3	Air distribution system (if possible, reference number of air changes/hour).	3		The air distribution system is via crawl space. It does not meet acceptable changes/ hour which should be 6/ hour for classroom application.	included in 4.5.1
4.5.4	Exhaust systems capacity and condition.	3	All	The exhaust fans serving the Washrooms and Change Rooms have sufficient capacity and are in good condition. The existing exhaust fans serving the Gym and corridors are not in service and should be replaced with air handling units. See 4.5.1	included in 4.5.1
4.5.5	Separation of out flow from air intakes.	4	All	Are set at min. 10 Ft. which is acceptable.	
4.5.6	Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas).			N/A	
Other				N/A	

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Section 4	Mechanical Systems	Rating		Comments/Concerns	Estim. Cost
4.5	Ventilation Systems (cont'd)		Bldg.	Description/Condition	
	Note: Only complete the following items if there are separate ventilation and heating systems.		Section	Description/Condition	
4.5.7	Ventilation controls (including use of current energy management technology).				
				N/A	
4.5.8	Air filtration systems and filters.				
				N/A	
4.5.9	Humidification system and components.				
				N/A	
4540					
4.5.10	Heat exchangers.			N/A	
				N/A	
	Ventilation distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages).				
	mnagos).			N/A	
Other					

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	Mechanical Systems	Rating		Comments/Concerns	Estim. Cost
4.6	Cooling Systems		Bldg. Section	Description/Condition	
4.6.1	Cooling system capacity and condition (i.e., chillers, cooling towers, condensers).			N/A	
4.6.2	Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages)			N/A	
4.6.3	Cooling system controls (including use of current energy management technology).			N/A	
4.6.4	Special/dedicated cooling systems (i.e., labs, CTS areas).			N/A	
Other					
4.7	Building Control Systems		Bldg.		
4.7.1	Building wide/system wide control systems and/or energy management systems.		Section	Description/Condition	
		4	All	The existing control system is DDC control system using the current energy management technology.	
	Overall Mech. Systems Condition & Estim. Costs				\$297,800

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Section 5	Electrical Systems	Rating		Comments/Concerns	Estim. Cost
5.1	Site Services				
5.1.1	Primary service capacity and reliability (i.e., access, location, components, installation, bus sizes - note whether overhead or underground).	4		Pole mounted transformer located south of the school. Over head secondary service to the main distribution panel.	
5.1.2	Site and building exterior lighting (i.e., safety concerns).	3		Incandescent canopy lights at entrys, wall mounted high pressure sodium and quartz flood lights. Additional exterior lighting required.	\$3,500
5.1.3	Vehicle plug-ins (i.e., number, capacity, condition).	3		Car parking receptacles mounted on post. There are 8 energized stalls. Receptacles plates are broken, some posts have been hit by vehicles. Adequate amount of vehicle plug-ins.	\$1,200
Other					
5.2	Life Safety Systems		Bldg. Section	Description/Condition	
5.2.1	Fire and smoke alarm systems (i.e., safety concerns, up-to-date technology, regularly tested).	3	All	Edwards EST.1, single zone fire alarm panel located in the custodian room. Pull stations, bell, fire detectors located throughout school. Fire detectors are required in the dressing rooms.	\$10,000
5.2.2	Emergency lighting systems (i.e., safety concerns, condition).	3	All	Battery packs c/w remote and integral heads throughout school. Additional Em lighting required in washrooms and dressing rooms.	\$1,000
5.2.3	Exit lighting and signage (i.e., safety concerns, condition).	4	All	Metal stencil face EXIT signs throughout school. EXIT signs are provided with LED lamps and tied into the Em battery packs.	
Other					

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Section 5	Electrical Systems	Rating		Comments/Concerns	Estim. Cost
5.3	Power Supply and Distribution		Bldg. Section	Description/Condition	
5.3.1	Power service surge protection.	4	All	Square D main distribution panel located in the custodian room. 200 amp - 120/240 volt - single phase, 3 wires. Molded case main breaker (200 amp). Maximum demand 24KVA (100 amp). Adequate capacity. No surge protection.	
5.3.2	Panels and wireways capacity and condition.	3		Square D - 120/240 volt - single phase, 3 wire panels throughout school. Panels are full and do not have spaces. Panel B has surge protection.	\$5,000
5.3.3	Emergency generator capacity and condition and/or UPS (if applicable).			N/A	
5.3.4	General wiring devices and methods.	3		Classrooms generally have 3 receptacles. Insufficient amount of receptacles.	\$2,000
5.3.5	Motor controls.	4	All	Loose square D motor starters.	
Other					

Part II - Physical Condition

ection 5	Electrical Systems	Rating		Comments/Concerns	Estim. Cos
5.4	Lighting Systems		Bldg. Section	Description/Condition	
5.4.1	Interior lighting systems and components (i.e., illumination levels, conditions, controls).	3	All	The school's interior lighting system is fluorescent. Classrooms, library, science room, computer room, staff rooms have 2x4, recessed, 2 or 4 lamps, acrylic lenses. Some of the classrooms, corridor, washrooms have surface, 2 or 1 lamp wraparound fixtures. The gymnasium have 2 lamp, striplights, wireguards. Lighting levels are generally low. The light fixtures are in good condition. Additional fixtures required.	\$30,000
5.4.2	Replacement of ballasts (i.e., health and safety concerns).	4	All	Ballasts are T-8, electronic type.	
5.4.3	Implementation of energy efficiency measures and recommendations.	4		Lighting retro-fit in 1997. Ballasts changed to T-8, electronic. Lamps are T-8.	
Other					

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Section 5	Electrical Systems	Rating		Comments/Concerns	Estim. Cost
5.5	Network and Communication Systems		Bldg. Section	Description/Condition	
5.5.1	Telephone system and components (i.e., capacity, reliability, condition).	4	ΔΙΙ	NEC Electra - professional telephone system. Head -end equipment is located in the custodian room. System is adequate.	
5.5.2	Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV).	3		The sound system is Analog AGT series 5000 console with selector switches. Return call switching in the classrooms. System is obselete.	\$10,000
5.5.3	Network cabling (if available, should be category 5 or better).	4	All	Category 5 DATA cabling in the office and computer room.	
	Network cabling installation (i.e., in conduit, secured to walls or tables).	4	All	DATA cabling in conduit and free air.	
5.5.5	Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth).	4	All	Server located in the computer room.	
5.5.6	Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).	4	All	Dedicated circuits for server and computers.	
Other					

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	Electrical Systems	Rating	Comments/Concerns Estim. Cos		
5.6	Miscellaneous Systems		Bldg.	5 11 (6 11)	
5.6.1	Site and building surveillance system (if applicable).		<u>Section</u>	<u>Description/Condition</u>	
				N/A	
562	Intrusion alarms (if applicable).				
5.0.2	intrusion alarms (ii applicable).			Magnum alert security system in the custodian room. Entry keypad in the main corridor. PIR detectors	
		4	All	throughout school.	
5.6.3	Master clock system (if applicable).				
				N/A	
Other					
5.7	Elevators/Disabled Lifts (If applicable)				
	Elevator/lift size, access and operating features (i.e.,				
	sensing devices, buttons, phones, detectors).			N/A	
5.7.2	Condition of elevators/lifts.				
5.7.3	Lighting and ventilation of elevators/lifts.				
Other					
	Overall Elect. Systems Condition & Estim Costs				\$62,700

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Section 6	Portable Buildings	Rating	Comments/Concerns	Estim. Cost
	Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.			
6.1.1	Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).		N/A	
6.1.2	Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).		N/A	
6.1.3	Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).		N/A	
6.1.4	Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).		N/A	
6.1.5	Interior finishes (i.e., floors, walls, ceiling).		N/A	
6.1.6	Millwork (i.e., counters, shelving, vanities, cabinets).		N/A	
6.1.7	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs)		N/A	
6.1.8	Heating system.		N/A	
6.1.9	Ventilation system.		N/A	
6.1.10	Electrical, communication and data network systems.		N/A	
6.1.11	Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials).		N/A	
6.1.12	Barrier-free access.		N/A	
	Overall Portable Bldgs Condition & Estim Costs			

		This Facility			Equiv. New Facility			Surplus/		
Section 7	Space Adequacy	No.	Size	Total Area	No.	Size	Total Area	Deficiency	Comments/Concerns	
7.1	Classrooms	4	72.85	291.4	3	80	240	51.4		
7.2	Science Rooms/Labs	1		66.9	1	95	95	-28.1		
7.3	Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)	1		74.9	1	130 90	220	-145.1		
7.4	Gymnasium (incl. gym storage)	1		349	1	250 25	275	74	Area dose not include stage area.	
7.5	Library/Resource Areas	1		104.1			80	24.1		
7.6	Administration/Staff, Physical Education, Storage Areas			100			170	-70		
7.7	CTS Areas 7.7.1 Business Education									
	7.7.2 Home Economics									
	7.7.3 Industrial Arts									
	7.7.4 Other CTS Programs									
7.8	Other Non-Instructional Areas (i.e., circulation, wall area, crush space, wc area)			679			353	326	Area includes stage area.	
	Overall Space Adequacy Assessment			1665.3			1433	232.3		

Evaluation Component/	
Evaluation Component/ Sub-Component	Additional Notes and Comments
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Evaluation Component/ Sub-Component	Additional Notes and Comments
Sub-Component	

Evaluation Component/ Sub-Component	Additional Notes and Comments
Sub-Component	

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Evaluation Component/ Sub-Component	Additional Notes and Comments

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Evaluation Component/	Additional National Community
Sub-Component	Additional Notes and Comments

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Evaluation Component/ Sub-Component	Additional Notes and Comments