

School Facility Evaluation Project
Part I - Facility Profile and Summary

School Name:	Dr J.K. Mulloy Elementary School			School Code:	9242	
Location:	7440 10th Street N.W., Calgary			Facility Code:	1502	
Region:	Calgary			Superintendent:	Dr Donna Michaels	
Jurisdiction:	School District No. 19			Contact Person:	Leanne Soligo	
				Telephone:	(403) 214-1123	
Grades:	K - 6			School Capacity:	500	
Building Section	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 Building	1969	2 L & M	4066.7	Precast concrete columns and beams and double tee floor and roof structure with concrete block wall infill or bearing walls, flat roof and unpainted concrete block exterior cladding.	Hot water heating system provides hot water to perimeter induction units, radiation units and reheat coils. Medium pressure central air handling unit supply outdoor air to perimeter induction units and interior zones.	
Additions/ Expansions	None					No additions or expansions.
Sub Total			4066.7			

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Upgrading/ Modernization (identify whether minor or major)	None					
Portable Struct. (identify whether attached/perman. or free-standing/ relocatable)	None					
Total			8133.4			
List of Reports/ Supplementary Information	No asbestos material survey available on site.					

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	Evaluation Components	Summary Assessment	Estim. Cost
1	Site Conditions	Adequate area, good playing surfaces, well landscaped. Some improvements required for handicapped access at North Student entrance.	\$4,000.00
2	Building Exterior	Precast concrete and concrete block (unpainted) in good condition. Some caulking of concrete to block joints require regular maintenance. Screens are required on vent window units.	\$2,500.00
3	Building Interior	Painted concrete block and gypsum board walls in good condition. Acoustic ceilings and painted precast concrete double tee exposed structure. VAT and carpet flooring, carpet needs replacement.	\$160,000.00
4	Mechanical Systems	Cast iron modular boilers equal to HYDROTHERM Model MR 2400. One module may be leaking. Should also provide flow switch to shut off each module burner in event of no water flow. Repack or replace isolating valves in boiler room. Consider installing recirc pump at preheat coils for both airhandling units to minimize coil freeze and also to lower mixed air temperature to increase outdoor air supply.	\$43,500.00
5	Electrical Systems	Underground power feed. 1200 amp 208/3 phase feed to main switch. Fire alarm system is in need of upgrading. The existing lighting system only fair condition and should be replaced. Computer cabling and dedicated circuits should be added to classrooms.	\$172,000.00
6	Portable Buildings	None.	\$0.00
7	Space Adequacy:		
	7.1 Classrooms	29.75% surplus	
	7.2 Science Rooms/Labs	-47.21% deficient School has minimal science program.	
	7.3 Ancillary Areas	-57.83% deficient Minmal ancilliary programs	
	7.4 Gymnasium	-21.25% deficient Gym is reasonable size for programs offered.	
	7.5 Library/Resource Areas	26.32% surplus Emphasis is on providing good library reading/study program.	
	7.6 Administration/Staff Areas	-20.6% deficient Staff facilities are tight and storage is at a premium.	
	7.7 CTS Areas	no cts areas	
	7.8 Other Non-Instructional Areas (incl. gross-up)	18.44% surplus	
	Overall School Conditions & Estim. Costs	4.19% surplus over total area	\$382,000.00

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Section 1	Site Conditions	Rating	Comments/Concerns	Estim. Cost
1.1	General Site Conditions			
1.1.1	Overall site size.	5	Very generous, some sloped grade but large flat playing fields.	
1.1.2	Outdoor athletic areas.	4	Adequate.	
1.1.3	Outdoor playground areas, including condition of equipment and base.	4	Play equipment very good condition.	
1.1.4	Site landscaping.	4	Adequate, mostly grass with some planting adjacent to school.	
1.1.5	Site accessories (i.e., perimeter and other fencing, guard rails, bike stands, flag poles).	4	Chain link fenceing at perimeter.	
1.1.6	Surface drainage conditions (i.e., drains away from building, signs of ponding).	4	Good drainage away from building other areas appear to drain well also.	
1.1.7	Evidence of sub-soil problems.	4	None	
1.1.8	Safety and security concerns due to site conditions.	4	Some ice forms at lower end of student entrance ramp on north side but not serious.	
Other				

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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	Good easily obvious entry and exit driveway directly to parking lot outside main school entrance.	
1.2.2	Surfacing of on-site road network (note whether asphalt or gravel).	4	Asphalt in good condition.	
1.2.3	Bus lanes/drop-off areas (note whether on-site or off site).	4	On site along driveway through parking lot but driveway is wide enough to pass.	
1.2.4	Fire vehicle access.	4	On site along driveway on West side of school and along street and into schoolyard along north side of school. Good.	
1.2.5	Signage.	4	Adequate.	
Other				

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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	Appears adequate no concerns by users.	
1.3.2	Layout and safety of parking lots.	4	Adequate.	
1.3.3	Surfacing and drainage of parking lots (note whether asphalt or gravel).	4	Asphalt sloped to on site parking lot catch basins.	
1.3.4	Layout and safety of sidewalks.	4	Good distribution on front and sides and connected to city sidewalk system.	
1.3.5	Surfacing and drainage of sidewalks (note type of material).	4	Concrete and concrete precast pavers.	
1.3.6	Curb cuts and ramps for barrier free access.	3	Adequate at each grade level entrance except north student entrance where gravel ramp is not flush with concrete landing. Pour new concrete sidewalk at this ramp.	\$4,000.00
Other				
	Overall Site Conditions & Estimated Costs			\$4,000.00

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Section 2	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		Precast concrete columns and beams with precast concrete double tees spanning between beams. All in very good condition.	
2.1.2	Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains).	4		Load bearing concrete block walls at exterior and some interior walls, plus precast concrete columns and beams at interior areas. All in very good condition.	
2.1.3	Roof structure (i.e., signs of bending, cracking, voids, rust, stains).	4		Precast concrete double tees. All in very good condition.	
Other					

Section 2	Building Exterior	Rating		Comments/Concerns	Estim. Cost
2.2	Roofing and Skylights <i>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</i>		Bldg. Section or Roof Section	Description/Condition/Age	
2.2.1	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).	F.I.		Asphalt and gravel on flat roof, 2 ply SBS roofing on sloped roof over library. Several roof leaks have been reported and persist as a recurring problem. Roofing is 37 years old and probably needs replacing. Roofing report is not available on site.	
2.2.2	Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).	4		Appears adequate.	
2.2.3	Control of ice and snow falling from roof.	4		Internal drainage from flat roof drains.	
2.2.4	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).	4		Precast concrete columns and concrete block wall panels. No sign of deterioration or failure.	
2.3.2	Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).	4		Precast concrete parapet and metal flashing. Good condition.	
2.3.3	Building envelope (i.e., evidence of air infiltration/exfiltration through the exterior wall or ice build up on wall, eaves, canopy).	4		Precast concrete columns and concrete block infill panels with gypsum board interior finish on strapping, insulated. Some indication of previous water infiltration along bottom of precast concrete beam at head of concrete block infill. Caulking along this line appears to have solved the problem.	
2.3.4	Interface of roof drainage and ground drainage systems.	N/A		Internal drainage from flat roof drains connected to sewer lines.	
2.3.5	Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots).	4		Minor previous water infiltration (refer to 2.3.3 above)	
Other					

Section 2	Building Exterior	Rating	Comments/Concerns	Estim. Cost
2.4	Exterior Doors and Windows			
2.4.1	Doors (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	4	Solid core wood doors in pressed steel frames, generally in good condition. Maintenance has been good.	
2.4.2	Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	4	Hardware in good condition.	
2.4.3	Exit door hardware (i.e., safety and/or code concerns).	4	Adequate exit door hardware in good condition.	
2.4.4	Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	4	Heavy extruded aluminum sections in good condition.	
2.4.5	Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	3	Latches on window vents are loose, need maintenance. Screens are missing on approximately 50% of the vent units. These should be replaced.	\$2,500.00
2.4.6	Building envelope (i.e., signs of heavy condensation on doors or windows).	4	Building envelope performing reasonably well but relies on well maintained caulking at joints between precast concrete beams and concrete lock infill panels.	
Other				
	Overall Bldg Exterior Condition & Estim Costs			\$2,500.00

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Section 3	Building Interior - Overall Conditions	Rating	Comments/Concerns		Estim. Cost
3.1	Interior Structure		Bldg. Section	Description/Condition	
3.1.1	Interior walls and partitions (i.e., signs of cracks, spalling, paint peeling).	4		Painted concrete block and painted gypsum board. Solid condition.	
3.1.2	Floors (i.e., signs of cracks, heaving, settlement).	4		Concrete topping on precast concrete double tee floor structure. No signs of cracking.	
Other					
3.2	Materials and Finishes		Bldg. Section	Description/Condition	
3.2.1	Floor materials and finishes.	3		VAT in corridors and administration secondary rooms. Carpet in open classrooms, carpet seams have severely separated. Carpet needs replacement. Gym floor is strip hardwood in good condition except at center of gym where water leak from exhaust fan in roof has caused minor swelling of wood.	\$45,000.00
3.2.2	Wall materials and finishes.	4		Painted concrete block and painted gypsum board in good condition.	
3.2.3	Ceiling materials and finishes.	4		12x12 acoustic tile in concealed spline suspension system at corridors and between precast double tees. Good condition.	

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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.	4		Painted doors in pressed steel frames generally in good condition. Although showing its age.	
3.2.5	Millwork	4		Painted plywood and plastic laminate counters stained wood baseboard throughout. Good condition.	
3.2.6	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).	4		Chalkboards and vinyl covered tackboards all in good condition.	
3.2.7	Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment).	4		Basketball hoops, backstops in good condition. Play climbing equipment in good condition.	
3.2.8	Washroom materials and finishes.	4		Ceramic mosaic tile floor and base with painted concrete block and gypsum board walls and ceiling. All in good condition.	
Other		4		Toilet partitions in good condition.	

Section 3	Building Interior - Overall Conditions	Rating	Comments/Concerns		Estim. Cost
3.3	Health and Safety Concerns --- <i>Intent is to identify renovations considered necessary to 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 required.</i>		Bldg. Section	Description/Condition	
		4		Non combustible, non sprinklered.	
		4		Steel doors and frames at corridor smoke doors in good condition.	
		4		Adequate.	
		4		Adequate.	
		1		Access to main floor is adequate but need a lift or elevator between floors. Also no handicapped washroom facilities are provided.	\$115,000.00
		N/A		No reports were available on site.	
		N/A		No problems were noted or reported except for minor IAQ issues.	
Other					
Overall Bldg Interior Condition & Estim Costs					\$160,000.00

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Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
4.1	Mechanical Site Services				
	4.1.1 Site drainage systems (i.e., surface and underground systems, catch basins).	4		Catch basin is provided in parking lot. Drainage appears satisfactory.	
	4.1.2 Exterior plumbing systems (i.e., irrigation systems, hose bibs).	4		No lawn irrigation system. Exterior hose bibs are provided.	
	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.	4		Fire hydrant existing and siamese connection is provided.	
	4.2.2 Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems).	4		Stand pipe system complete with cabinet, hose and fire extinguisher is provided in corridors.	
	4.2.3 Hand extinguishers, blankets and showers (i.e., in CTS areas).	4		Hand extinguishers provided in boiler room and fan room.	
	4.2.4 Other special situations (e.g., flammable storage areas, science labs, CTS areas).	N/A			
	Other				

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Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
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).	4		Water pressure and volume is satisfactory. Water system is connected to City service.	
4.3.2	Water treatment system(s).	N/A			
4.3.3	Pumps and valves (including backflow prevention valves).	3	1970	Backflow preventer is installed for standpipe system and boiler makeup water. Provide vacuum breakers for hose bibs.	\$1,500.00
4.3.4	Piping and fittings.	4		Appears satisfactory.	
4.3.5	Plumbing fixtures (i.e., toilets, urinals, sinks)	3	1970	Plumbing fixtures appear satisfactory. Flush valves provided for water closets are satisfactory. Wall hung lavatories are satisfactory. Provide timer and control valve for urinals. Presently manual.	\$3,000.00
4.3.6	Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation).	4		Tank and heater is provided for domestic hot water system equal to JETGLASS Water heaters, 25 gallon storage and recovery.	
4.3.7	Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic).	4		Sanitary sewer and roof drains connected to City sanitary and storm system respectively.	
Other					

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Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
4.4	Heating Systems		<u>Bldg. Section</u>	<u>Description/Condition</u>	
4.4.1	Heating capacity and reliability (including backup capacity).	3	1970	Cast iron modular boilers equal to HYDROTHERM Model MR 2400. Input 2,400.0 MBH have only one liquid level control. Boilers can be isolated, however will require shut down of entire system to remove module. One module may be leaking. Should also provide flow switch to shut off each module burner in event of no water flow.	\$9,000.00
4.4.2	Heating controls (including use of current energy management technology).	4		Appears satisfactory.	
4.4.3	Fresh air for combustion and condition of the combustion chimney.	4		Appears satisfactory.	
4.4.4	Treatment of water used in heating systems.	4		Have water treatment system and filters installed.	
4.4.5	Low water cutoff/pressure relief valves and failure alarms (i.e., hot water heating).	4		Have one low water cut-off for entire heating modules.	
4.4.6	Heating air filtration systems and filters.	N/A			
4.4.7	Heating humidification systems and components.	N/A			

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Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
4.4	Heating Systems (cont'd)		Bldg. Section	Description/Condition	
4.4.8	Heating distribution systems (i.e., piping, ductwork) and associated components (i.e., diffusers, radiators).	4		Piping and terminal heating induction units appear satisfactory. Convectors are provided in corridors and perimeter radiation in miscellaneous rooms.	
4.4.9	Heating piping, valve and/or duct insulation.	3	1970	Heating piping and insulation is satisfactory. Repack or replace isolating valves in boiler room.	\$9,000.00
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).	4		Appears satisfactory.	
4.4.13	Zone/unit heaters and controls.	4		Unit heaters and fan coil units are provided at all entrances.	
Other		3	1970	Consider installing recirc pump at preheat coils for both airhandling units to minimize coil freeze and also to lower mixed air temperature to increase outdoor air supply. Includes allowance for electrical work.	\$11,500.00

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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.	4		Central ventilation unit provided for entire school. High velocity system consists of return air fan, supply air fan, mixing section, prefilters, bag filters, preheat coils and wet cell. Supply fan CHICAGO centrifugal 36 1/2 CL1113 SWSI. Gym unit complete with mixing section flat filter, heating coil and supply fan.	
4.5.2	Outside air for the occupant load (if possible, reference CFM/occupant).	4		Appears satisfactory.	
4.5.3	Air distribution system (if possible, reference number of air changes/hour).	4		High velocity duct system distributes air to constant volume reheat boxes or to perimeter classroom induction units. Appears satisfactory.	
4.5.4	Exhaust systems capacity and condition.	3	1970	Central washroom exhaust systems provided are satisfactory. Gym relief system causing damage to floor. Modify system to prevent snow from entering room.	\$6,000.00
4.5.5	Separation of out flow from air intakes.	4		Does not appear to be a problem.	
4.5.6	Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas).	N/A			
Other					

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Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
4.5	Ventilation Systems (cont'd)		Bldg. Section	Description/Condition	
	<i>Note: Only complete the following items if there are separate ventilation and heating systems.</i>				
	4.5.7 Ventilation controls (including use of current energy management technology).	4		Pneumatic controls provided. Satisfactory.	
	4.5.8 Air filtration systems and filters.	4		Central air handling unit has 2" thick prefilter and also bag filters. Gym air handling unit have 2" flat filters.	
	4.5.9 Humidification system and components.	4		Central air handler has wet cell complete with spray pump.	
	4.5.10 Heat exchangers.	N/A			
	4.5.11 Ventilation distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages).	4		Distribution system and terminal units appear satisfactory.	
	Other				

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Section 4	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. Section	Description/Condition	
4.7.1	Building wide/system wide control systems and/or energy management systems.	3	1970	Pneumatic control system provided. Appears to be operating satisfactorily. Replace compressor with duplex unit which has auto drain. There is no energy management system.	\$3,500.00
	Overall Mech Systems Condition & Estim. Costs				\$43,500.00

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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		Underground power feed. 208VAC, 3 phase feed to main switch in electrical room. Main service is 1200 amps	
	5.1.2 Site and building exterior lighting (i.e., safety concerns).	2	All	Front of the building is adequate. The remainder of the building requires additional security lighting. Add lighting as required.	\$11,000.00
	5.1.3 Vehicle plug-ins (i.e., number, capacity, condition).	2	All	Wood Fence which holds car plugs is deteriorating quickly and conduit is in poor condition. Replace wood and repipe car plugs	\$4,500.00
	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).	2	All	Fire alarm system is a 120VAC single line system. System should be upgraded.	\$30,000.00
	5.2.2 Emergency lighting systems (i.e., safety concerns, condition).	2	All	Existing system is NOT in good condition. System is from original construction and needs upgrading	\$10,000.00
	5.2.3 Exit lighting and signage (i.e., safety concerns, condition).	2	All	Existing system is NOT in good condition. System is from original construction and needs upgrading	\$5,500.00
	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.	3	All	No power surge protection installed on the system. Minimum recommendation is to install on main service.	\$13,000.00
5.3.2	Panels and wireways capacity and condition.	4		Panels are all in fair condition. Most are at capacity with little or no spare circuits available. Wireways are also at capacity.	
5.3.3	Emergency generator capacity and condition and/or UPS (if applicable).	N/A		N/A	
5.3.4	General wiring devices and methods.	3	All	Devices are generally at the end of intended and will need to be replaced. Replace 70% of devices	\$5,000.00
5.3.5	Motor controls.	4		Motor controls are in good condition. Most are adequate for the intended job.	
Other					

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Section 5	Electrical Systems	Rating	Comments/Concerns		Estim. Cost
5.4	Lighting Systems		Bldg. Section	Description/Condition	
5.4.1	Interior lighting systems and components (i.e., illumination levels, conditions, controls).	2	All	Interior lighting system consists of various fluorescent systems. Offices are 2'x4' recessed. Classrooms are 2 lamp surface. Gym consists of 2'x4' recessed. Fixtures are typically from original construction. Lighting levels are as follows: Classroom - 60fc ; Hallways - 12fc ; Gym - 20fc ; Offices - 35fc. Light fixtures are at the end of intended use. Replace system within 3 years	\$60,000.00
5.4.2	Replacement of ballasts (i.e., health and safety concerns).	2	All	PCB ballasts are confirmed on site. Special removal and storage procedures are required. Ballasts should be identified and replaced.	\$10,000.00
5.4.3	Implementation of energy efficiency measures and recommendations.	4	All	No energy efficient systems are in place. Recommend installing light fixtures with T-8 lamps c/w electronic ballasts. Motion sensors for washrooms and other non-critical areas are recommended. Costs are included in 5.4.1	
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		Existing system is a Meridian Northstar. System is adequate for intended use.	
5.5.2	Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV).	4		Public Address system is a Bogen System is OLD but adequate for intended use. No other systems are installed.	
5.5.3	Network cabling (if available, should be category 5 or better).	3	All	Cat. 5 cabling is installed for some Computers on site. Not all areas are wired. Install network cabling to all classrooms.	\$11,000.00
5.5.4	Network cabling installation (i.e., in conduit, secured to walls or tables).	4		All network cabling that is installed is in wireways and run free-air in the ceiling space.	
5.5.5	Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth).	3		Network server installed a in separate room. Installation is neat and clearly labeled. Upgrading is required to incorporate 5.5.3 above.	\$3,000.00
5.5.6	Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).	3	All	Network server and computers in computer room are wired on dedicated circuits. All others in classrooms are not. Add dedicated circuits to classrooms.	\$9,000.00
Other					

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Section 5	Electrical Systems	Rating	Comments/Concerns		Estim. Cost
5.6	Miscellaneous Systems		Bldg. Section	Description/Condition	
5.6.1	Site and building surveillance system (if applicable).	N/A		N/A	
5.6.2	Intrusion alarms (if applicable).	4		System is in good condition with door contacts and motion detectors operating as intended.	
5.6.3	Master clock system (if applicable).	4		Master timer for the bell system. No master clock system installed.	
Other					
5.7	Elevators/Disabled Lifts (If applicable)				
5.7.1	Elevator/lift size, access and operating features (i.e., sensing devices, buttons, phones, detectors).	N/A		N/A	
5.7.2	Condition of elevators/lifts.	N/A		N/A	
5.7.3	Lighting and ventilation of elevators/lifts.	N/A		N/A	
Other					
	Overall Elect. Systems Condition & Estim Costs				\$172,000.00

Section 6	Portable Buildings	Rating	Comments/Concerns	Estim. Cost
	<i>Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.</i>		N/A	
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.			
	Overall Portable Bldgs Condition & Estim Costs			\$0.00

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Section 7	Space Adequacy	This Facility			Equiv. New Facility			Surplus/ Deficiency	Comments/Concerns
		No.	Size	Total Area	No.	Size	Total Area		
7.1	Classrooms K-6	18	varies	1453.2	14	80	1120.0	333.2	
7.2	Science Rooms/Labs	1	100.3	100.3	2	95	190.0	-89.7	
7.3	Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)	2	varies	168.7	1 3	130 90	400.0	-231.3	
7.4	Gymnasium (incl. gym storage)	1		364.6	1	430 43	463.0	-98.4	
7.5	Library/Resource Areas	1		277.9	1	220	220.0	57.9	
7.6	Administration/Staff, Physical Education, Storage Areas			336.4			357.0	-20.6	
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)			1365.6			1153.0	212.6	
	Overall Space Adequacy Assessment	23		4066.7	22		3903.0	163.7	

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Evaluation Component/ Sub-Component	Additional Notes and Comments
8.1.1	
8.1.2	
8.1.3	
8.1.4	
8.1.5	
8.1.6	
8.1.7	
8.1.8	
8.1.9	

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Evaluation Component/ Sub-Component	Additional Notes and Comments

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