

School Facility Evaluation Project
Part I - Facility Profile and Summary

School Name: MOUNTAIN VIEW ELEMENTARY
Location: 2031 SABLE DRIVE S.E.

School Code: 9325
Facility Code: 1536

Region: CALGARY SOUTH
Jurisdiction: CALGARY SCHOOL DISTRICT #19

Superintendent: DR. DONNA MICHAELS
Contact Person: LEANNE SOLIGO
Telephone: (403) 214-1123

Grades: K - 6

School Capacity: 400

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	1958	2	3440.8	Masonry, flat roof, painted block	Steam heating system to unit ventilators. General exhaust system provided.	
Additions/ Expansions						

Evaluator's Name: NORMAN DOBELL
& Company: NORMAN DOBELL & ASSOC. ARCH.

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Upgrading/ Modernization (identify whether minor or major)	N/A					
Portable Struct. (identify whether attached/perman. or free-standing/ relocatable)	1962	1	412.4	Frame, flat roof, prefinished metal siding		Attached
Total:			3853.2			

List of Reports/ Supplementary Information	Facility Asbestos Manual
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School Facility Evaluation Project
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	Evaluation Components	Summary Assessment	Estim. Cost
1	Site Conditions	Resurfacing of asphalt required	\$18,700
2	Building Exterior	All exterior windows and doors to be replaced. Provide for handicap washrooms and elevator.	\$163,800
3	Building Interior	Walls to be painted, millwork to be replaced in classrooms	\$196,400
4	Mechanical Systems	While systems are generally in good working order, systems are over 40 years old and past life expectancy.	\$440,000
5	Electrical Systems	Install surge protection on the electrical system. Door contacts should be installed on all exterior doors. Exterior lighting could be upgraded to improve security. Interior lighting could be upgraded to improve efficiency and meet recommended levels.	\$117,300
6	Portable Buildings	Portable classrooms have furnace systems only, and cannot provide adequate ventilation.	\$55,300
7	Space Adequacy:		
	7.1 Classrooms	Surplus 295	
	7.2 Science Rooms/Labs	Deficient -190	
	7.3 Ancillary Areas	Deficient -86	
	7.4 Gymnasium	Deficient -104	
	7.5 Library/Resource Areas	Surplus 190	
	7.6 Administration/Staff Areas	Deficient -159	
	7.7 CTS Areas	N/A N/A	
	7.8 Other Non-Instructional Areas (incl. gross-up)	Deficient -57	
	Overall School Conditions & Estim. Costs	Deficient -111	\$991,500

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Section 1	Site Conditions	Rating	Comments/Concerns	Estim. Cost
1.1	General Site Conditions			
1.1.1	Overall site size.	4	Adequate	
1.1.2	Outdoor athletic areas.	3	Hard surface and grass areas. Resurfacing of asphalt surfaces required.	\$8,000
1.1.3	Outdoor playground areas, including condition of equipment and base.	3	Ponding on play area. Regrading required. (See 1.1.2)	
1.1.4	Site landscaping.	4	Mature trees and shrubs around school	
1.1.5	Site accessories (i.e., perimeter and other fencing, guard rails, bike stands, flag poles).	4	Good condition	
1.1.6	Surface drainage conditions (i.e., drains away from building, signs of ponding).	FI	Drainage leaks all around school. Corrections to date have been surface oriented. Further investigation required to determine permanent solution.	
1.1.7	Evidence of sub-soil problems.	FI	Spring under school. (See 1.1.6)	
1.1.8	Safety and security concerns due to site conditions.	4	No concerns	
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	City streets	
1.2.2	Surfacing of on-site road network (note whether asphalt or gravel).	4	Asphalt parking lot immediately adjacent to city street	
1.2.3	Bus lanes/drop-off areas (note whether on-site or off-site).	4	City street	
1.2.4	Fire vehicle access.	4	City streets - rear access via playing field	
1.2.5	Signage.	4	Building signed at front	
Other				\$3,500

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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).	2	Staff parking only. Street parking available. Handicap stall required.	\$3,500
1.3.2	Layout and safety of parking lots.	4	Acceptable	
1.3.3	Surfacing and drainage of parking lots (note whether asphalt or gravel).	3	Asphalt requires resurfacing. (See 1.1.6)	
1.3.4	Layout and safety of sidewalks.	3	Asphalt access to main entrance walkway in bad repair. Replace with concrete walkway.	\$3,700
1.3.5	Surfacing and drainage of sidewalks (note type of material).	3	See 1.3.4	
1.3.6	Curb cuts and ramps for barrier free access.	4	Curb cut at city street. Street level entry to school.	
Other				
	Overall Site Conditions & Estimated Costs			\$18,700

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		No apparent problems	
2.1.2	Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains).	4		No apparent problems	
2.1.3	Roof structure (i.e., signs of bending, cracking, voids, rust, stains).	4		No apparent problems	
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).	FI		Original roof - some leaking experienced	
2.2.2	Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).	FI		Vent damaged - replace at time of reroofing. (See 2.2.1)	
2.2.3	Control of ice and snow falling from roof.	4		Flat roof	
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		Concrete block - Painted	
2.3.2	Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).	4		Generally in 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		No damage evident	
2.3.4	Interface of roof drainage and ground drainage systems.	4		Internal roof drainage to municipal system	
2.3.5	Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots).	4		In good condition	
Other		2		Allowance for renovations required for boiler replacement.	\$10,000

Section 2	Building Exterior	Rating	Comments/Concerns		Estim. Cost
2.4	Exterior Doors and Windows		Bldg. Section	Description/Condition	
2.4.1	Doors (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	3		Doors and some hardware not functioning well. Replace all exterior doors.	\$17,600
2.4.2	Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	3		See 2.4.1 for pricing	
2.4.3	Exit door hardware (i.e., safety and/or code concerns).	3		See 2.4.1 for pricing	
2.4.4	Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	3		Windows original - deteriorated beyond repair. Replace.	\$136,200
2.4.5	Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	3		See 2.4.4 for pricing	
2.4.6	Building envelope (i.e., signs of heavy condensation on doors or windows).	4		No condensation evident	
Other					
Overall Bldg Exterior Condition & Estim Costs					\$163,800

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		Block partitions - no apparent problems	
3.1.2	Floors (i.e., signs of cracks, heaving, settlement).	4		No settlement apparent	
Other					
3.2	Materials and Finishes		Bldg. Section	Description/Condition	
3.2.1	Floor materials and finishes.	4		9/9 V. A. Tiles, 12/12 Vinyl tiles, Carpet - good	
3.2.2	Wall materials and finishes.	3		Concrete block - painted. Original paint is in poor condition. Repaint all walls.	\$41,300
3.2.3	Ceiling materials and finishes.	3		suspended accoustic tile in ceiling in basement to be replaced.	\$12,400

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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		In operating condition	
3.2.5	Millwork	3		Millwork original. Replace in classrooms	\$47,700
3.2.6	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).	4		Chalkboards, tack boards - adequate	
3.2.7	Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment).	4		Gym equipment good	
3.2.8	Washroom materials and finishes.	4		Floors - ceramic tile. Walls - tile/plaster - painted. Partitions - metal	
Other					

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</i>		Bldg. Section	Description/Condition	
3.3.1	Building construction type - combustible or non-combustible, sprinklered or non-sprinklered.	4		Non-combustible, non-sprinklered	
3.3.2	Fire separations (i.e., between buildings, wings, zones if non-sprinklered).	4		Appear to be in place	
3.3.3	Fire resistance rating of materials (i.e., corridor walls and doors).	4		Compliant	
3.3.4	Exiting distances and access to exits.	4		Appear to be compliant	
3.3.5	Barrier-free access.	2		Access to building is provided for main floor only and lacks handicap washrooms. Provide elevator and two handicap washrooms.	\$95,000
3.3.6	Availability of hazardous materials audit (i.e., evidence of safety concerns with respect to asbestos, PCB's, chemicals).	FI		Refer to Owner's Report	
3.3.7	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				\$196,400

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		Storm runs to surface. Catch basin in parking lot.	
4.1.2	Exterior plumbing systems (i.e., irrigation systems, hose bibs).	4		No irrigation. There are 3 exterior hose bibbs c/w shut-off inside building.	
4.1.3	Outside storage tanks.	N/A		Not applicable.	
Other					
4.2	Fire Suppression Systems		Bldg. Section	Description/Condition	
4.2.1	Fire hydrants and siamese connections.	4		Fire hydrant is across the street.	
4.2.2	Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems).	N/A		There is no standpipe system.	
4.2.3	Hand extinguishers, blankets and showers (i.e., in CTS areas).	4		ABC hand extinguishers throughout the complex.	
4.2.4	Other special situations (e.g., flammable storage areas, science labs, CTS areas).	NA			
Other					

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		2" domestic metered water supply from the City.	
4.3.2	Water treatment system(s).	N/A		Not applicable.	
4.3.3	Pumps and valves (including backflow prevention valves).	3		No backflow devices.	\$5,000
4.3.4	Piping and fittings.	4		Copper piping appears to be in good condition but is old.	
4.3.5	Plumbing fixtures (i.e., toilets, urinals, sinks)	3		Urinals stand-up type flush tanks, water closet are flush tanks in fair condition, basins are new in good condition.	\$15,000
4.3.6	Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation).	4		Bradford white hot water tank 33 gallon, 36,000 BTU input c/w re-circ. pump. Good condition.	
4.3.7	Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic).	4		Storm drains to surface. Sanitary drains to City system.	
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).	2		There is a Rite steam boiler approx. 4 years old, capacity 3,750,000. Price noted is for heating replacement, less boiler costs.	\$140,000
4.4.2	Heating controls (including use of current energy management technology).	3		Pneumatic controls c/w one air compressor, Devilbiss and air dryer. See controls 4.7.1.	
4.4.3	Fresh air for combustion and condition of the combustion chimney.	4		Combustion air is adequate, chimney is in good condition.	
4.4.4	Treatment of water used in heating systems.	4		Dearborn Chemical is used for water treatment.	
4.4.5	Low water cutoff/pressure relief valves and failure alarms (i.e., hot water heating).	4		Boiler has necessary safety controls.	
4.4.6	Heating air filtration systems and filters.	4		Low efficiency filters are used throughout.	
4.4.7	Heating humidification systems and components.	NA		Not applicable.	

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	2		Steam is piped throughout to convector units & air handling units in each classroom, also to forced flow units. Piping is old. See heating item 4.4.1..	
4.4.9	Heating piping, valve and/or duct insulation.	2		Piping is black iron and insulated, but is old. See heating item 4.4.1.	
4.4.10	Heat exchangers.	N/A		Not applicable.	
4.4.11	Heating mixing boxes, dampers and linkages.	2		Individual air handling units in each classroom has steam coils. These units should be replaced. See Heating item item . 4.4.1.	
4.4.12	Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces).	3		Subject to some areas of discomfort due to unit ventilator performance and lack of any air in some areas. See heating item 4.4.1.	
4.4.13	Zone/unit heaters and controls.	4		Classroom units are individually controlled.	
Other					

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.	2		Classroom units are old and should be replaced.	\$175,000
4.5.2	Outside air for the occupant load (if possible, reference CFM/occupant).	2		Could be acceptable if unit ventilators actually maintain outside air minimum. See Ventilation item 4.5.1..	
4.5.3	Air distribution system (if possible, reference number of air changes/hour).	2		Design of unit ventilators would give roughly 6 air changes. This is less likely now due to age of equipment. See ventilation item 4.5.1. item .	
4.5.4	Exhaust systems capacity and condition.	4		Exhaust systems are functioning with no known problem.	
4.5.5	Separation of out flow from air intakes	4		No problems.	
4.5.6	Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas).	3		The gym has its own air handling units with outside and return air plus exhaust. Also serves the basement lunch room. See ventilation item 4.5.1.	
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).	2		All controls are pneumatic and have reached their life cycles. See controls item 4.7.1.	
4.5.8	Air filtration systems and filters.	4		Low efficiency filters.	
4.5.9	Humidification system and components.	NA		Not applicable.	
4.5.10	Heat exchangers.	NA		Not applicable.	
4.5.11	Ventilation distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages).	4		Gym has its own ductwork. Other areas are individual units.	
Other					

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		Not applicable.	
4.6.2	Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages)	N/A		Not applicable.	
4.6.3	Cooling system controls (including use of current energy management technology).	N/A		Not applicable.	
4.6.4	Special/dedicated cooling systems (i.e., labs, CTS areas).	N/A		Not applicable.	
Other					
4.7	Building Control Systems		Bldg. Section	Description/Condition	
4.7.1	Building wide/system wide control systems and/or energy management systems.	2		Building controls are pneumatic, no energy management, antiquated.	\$105,000
	Overall Mech Systems Condition & Estim. Costs				\$440,000

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).	1		New main service installed in 1997. Visual signs of moisture entering from underground ducts into building. Problem should be addressed ASAP. Service: 120/240V, 1 phase, 3 wire, 400A.	\$5,000
5.1.2	Site and building exterior lighting (i.e., safety concerns).	3		Existing lighting in good condition. Additional lights required on north side of gym.	\$1,000
5.1.3	Vehicle plug-ins (i.e., number, capacity, condition).	4		Sufficient power for existing stalls 920 stalls).	
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		Existing system is functional. Strobes need to be added to meet 1997 code (ABC). Door hold-opens also required. Last fire audit was October, 1998. New audit required.	\$8,000
5.2.2	Emergency lighting systems (i.e., safety concerns, condition).	3		Self contained battery packs and remote heads in good condition. Recommend emergency lighting be installed in ECS and additional heads in library.	\$2,000
5.2.3	Exit lighting and signage (i.e., safety concerns, condition).	3		Additional exit lights to be installed in NE foyer, lower floor hall, and top of lower floor stairwell.	\$800
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.	1		No surge protection present.	\$1,500
5.3.2	Panels and wireways capacity and condition.	4		Panels in good condition. Capacity 75 - 80%.	
5.3.3	Emergency generator capacity and condition and/or UPS (if applicable).	N/A			
5.3.4	General wiring devices and methods.	4		Wiring devices in good condition.	
5.3.5	Motor controls.	3		Some loose motor switches are old. Replace as needed.	\$1,000
Other		3		Provide additional distribution, control and wiring to meet mechanical upgrades.	\$5,000

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).	3		Existing lighting is old with T-12 lamps. Many lamps are missing or burnt out. Classroom lighting level +50 - good. Cooridors lighting level +8 - poor. Administration lighting level +35 - poor. Gym lighting level +23 - poor. Upgrade necessary.	\$25,000
5.4.2	Replacement of ballasts (i.e., health and safety concerns).	1		Some fixtures may require ballast replacement. See 5.4.1 for pricing	
5.4.3	Implementation of energy efficiency measures and recommendations.	3		All fixtures could be retrofitted with T-8 lamps and ballasts.	\$65,000
Other					

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).	5		New Meridian phone system. Phone outlets in all classrooms.	
5.5.2	Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV).	4		Old Bogen P.A. system being used. Still functioning well.	
5.5.3	Network cabling (if available, should be category 5 or better).	4		Recent installation in good condition.	
5.5.4	Network cabling installation (i.e., in conduit, secured to walls or tables).	4		Cabling installed in conduit.	
5.5.5	Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth).	4		Data equipment in storage room. No present problem of heat.	
5.5.6	Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).	4		Dedicated power as required.	
Other					

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			
5.6.2	Intrusion alarms (if applicable).	3		Regency 4660C security in good condition. Require door contacts.	\$3,000
5.6.3	Master clock system (if applicable).	N/A			
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			
5.7.2	Condition of elevators/lifts.	N/A			
5.7.3	Lighting and ventilation of elevators/lifts.	N/A			
Other					
	Overall Elect. Systems Condition & Estim Costs				\$117,300

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>			
6.1.1	Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).	4	No signs of settlement	
6.1.2	Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).	FI	There is evidence of leakage - review	
6.1.3	Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).	3	Prefinished metal cladding. Non-clad areas to be repaired and painted	\$2,200
6.1.4	Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).	3	Exterior doors deteriorating - replace doors and hardware	\$3,300
6.1.5	Interior finishes (i.e., floors, walls, ceiling).	3	Walls - vinyl covered panels. Floor - carpet to be replaced.	\$2,200
6.1.6	Millwork (i.e., counters, shelving, vanities, cabinets).	3	Original - replace	\$12,200
6.1.7	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs)	4	Adequate	
6.1.8	Heating system.	2	One side has Palmaire units, gas fired. Other side has Airco furnaces, gas fired.	\$30,000
6.1.9	Ventilation system.	2	Horizontal furnaces and upright furnaces. Limited outside air. These classrooms have swamp coolers for summer operation. See heating 6.1.8..	
6.1.10	Electrical, communication and data network systems.	4	All systems similar to existing school.	
6.1.11	Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials).	3	Emergency and exit lighting to be upgraded.	\$3,400
6.1.12	Barrier-free access.	2	Require ramp from library to school.	\$2,000
	Overall Portable Bldgs Condition & Estim Costs			\$55,300

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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	15	VAR.	1175	11	80	880	295	
7.2	Science Rooms/Labs	0			2	95	190	-190	
7.3	Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)	3	VAR.	224	2 1	90 130	310	-86	
7.4	Gymnasium (incl. gym storage)	1		369	1		473	-104	
7.5	Library/Resource Areas	1		370	1		180	190	
7.6	Administration/Staff, Physical Education, Storage Areas			229			338	-159	
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)			839			896	-57	
	Overall Space Adequacy Assessment	20		3206	18		3317	-111	