

School Facility Evaluation Project
Part II - Physical Condition

School Name: CHIEF CROWFOOT ELEMENTARY
Location: 2634 - 12 AV. N.W.

School Code:
Facility Code:

Region: CALGARY SOUTH
Jurisdiction: CALGARY SCHOOL DISTRICT #19

Superintendent:
Contact Person:
Telephone:

Grades: N.A.

School Capacity:

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)
Original Building		1954	1	1473.40	Frame, Flat Roof, Brick, Stucco, Wood Siding	Perimeter hot water heating system with roof top units. Original steam boiler still in use.
Additions/ Expansions		1960	1	600.20	Frame, Flat Roof, Brick, Stucco, Wood Siding	Mechanical systems upgrade 16 years ago for Police Services
Total:				2073.6		

Evaluator's Name:
& Company:

Upgrading/ Modernization (identify whether minor or major)		N/A				
Portable Struct. (identify whether attached/perman. or free-standing/ relocatable)		N/A				
List of Reports/ Supplementary Information	Facility Asbestos Manual					

9211

1475

Dr. DONNA MICHEALS

LEANNE SOLIGO

(403) 214-1123

225

Comments/Notes

This school has been leased to The Rundle College Society and is listed as such in directories and the telephone listing.

NORMAN DOBELL

NORMAN DOBELL & ASSOC. ARCH.

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Part II - Physical Condition

	Evaluation Components	Summary Assessment	Estim. Cost
1	Site Conditions	Modify sidewalk to entry for slope. Provide H.C. stall and access.	\$12,100
2	Building Exterior	Replace windows, doors and hardware.	\$79,200
3	Building Interior	Provide handicap ramp and accesses as well as handicap washroom.	\$12,500
4	Mechanical Systems	Generally, the mechanical systems for this facility are in good condition. A mechanical retrofit was undertaken approximately 16 years ago. Some perimeter heating elements and the original 1952 boiler were not upgraded.	\$160,000
5	Electrical Systems	Install surge protection on the electrical system. Retrofit lighting throughout to improve color rendition and efficiency.	\$74,000
6	Portable Buildings	N/A	\$0
7	Space Adequacy:		
	7.1 Classrooms	Surplus 210	
	7.2 Science Rooms/Labs	Deficient -95	
	7.3 Ancillary Areas	Deficient -310	
	7.4 Gymnasium	Deficient -90	
	7.5 Library/Resource Areas	Surplus 4	
	7.6 Administration/Staff Areas	Deficient -209	
	7.7 CTS Areas	N/A N/A	
	7.8 Other Non-Instructional Areas (incl. gross-up)	Surplus 90	
	Overall School Conditions & Estim. Costs	Deficient -400	\$337,800

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.	4	Playfields	
1.1.3	Outdoor playground areas, including condition of equipment and base.	4	Adequate	
1.1.4	Site landscaping.	4	Maturing	
1.1.5	Site accessories (i.e., perimeter and other fencing, guard rails, bike stands, flag poles).	4	Chain Link Fence Around Playground And Parking. Flagpole.	
1.1.6	Surface drainage conditions (i.e., drains away from building, signs of ponding).	4	Appears To Be Adequate Drainage Away From Building.	
1.1.7	Evidence of sub-soil problems.	4	None Evident.	
1.1.8	Safety and security concerns due to site conditions.	3	Main Sidewalk To Building Has Significant Slope. Modify.	\$3,000
Other				

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	Access From Two Streets	
1.2.2	Surfacing of on-site road network (note whether asphalt or gravel).	4	Asphalt	
1.2.3	Bus lanes/drop-off areas (note whether on-site or off-site).	4	Off-Site - Street	
1.2.4	Fire vehicle access.	4	Access From Two Streets.	
1.2.5	Signage.	4	Two Types - Metal Face.	
Other				

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).	3	Approx. 85 Stalls. No Provision For Handicap Stall. Provide.	\$5,600
1.3.2	Layout and safety of parking lots.	4	Layout Is Adequate	
1.3.3	Surfacing and drainage of parking lots (note whether asphalt or gravel).	4	Asphalt - Drainage Is Adequate.	
1.3.4	Layout and safety of sidewalks.	3	Refer To Item 1.1.8.	
1.3.5	Surfacing and drainage of sidewalks (note type of material).	4	Concrete - Drainagce Is Adequate.	
1.3.6	Curb cuts and ramps for barrier free access.	2	Non-Evident. Provide	\$3,500
Other				
	Overall Site Conditions & Estimated Costs			\$12,100

Section 2	Building Exterior	Rating		Comments/Concerns	Estim. Cost
2.1	Overall Structure		Bldg. Section		
2.1.1	Floor structure and beams (i.e., signs of bending, cracking, heaving, settlement, voids, rust, stains).	4		Concrete - Some Shrinkage Cracks Evident.	
2.1.2	Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains).	4		Walls Appear To Be Adequate.	
2.1.3	Roof structure (i.e., signs of bending, cracking, voids, rust, stains).	4		Non-evident	
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		
	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		Built-Up Roof Membrane. Requires Further Investigation.	
	2.2.2 Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).	4		Masonry Chimney, Internal Drainage.	
	2.2.3 Control of ice and snow falling from roof.	4		No Problems Noted.	
	2.2.4 Skylights (i.e., signs of distress, leaks, ice build-up, condensation, deteriorated materials/seals).	N/A			
	Other				

Section 2	Building Exterior	Rating	Comments/Concerns		Estim. Cost
2.3	Exterior Walls/Building Envelope		Bldg. Section		
2.3.1	Exterior wall finishes (i.e., signs of deterioration, cracks, brick spalling, effluorescence, water stains).	4		Combination Wood Siding/ Stucco/Brick	
2.3.2	Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).	FI		G.I. Metal Needs To Be Painted, Joints Sealed. Requires Further Investigation. See 2.2.1	
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		Appears Intact.	
2.3.4	Interface of roof drainage and ground drainage systems.	4		Internal Roof Drain To Municipal System	
2.3.5	Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots).	4		Walls Have Vinyl Covering Over Substrate Material. Appear To Be Adequate.	
Other					

Section 2	Building Exterior	Rating		Comments/Concerns	Estim. Cost
2.4	Exterior Doors and Windows		Bldg. Section		
2.4.1	Doors (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	3		Wood Doors Cracking On Some Surfaces. Replace	\$1,125
2.4.2	Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	3		Original Hardware. To Be Replaced With Doors.	\$5,625
2.4.3	Exit door hardware (i.e., safety and/or code concerns).	3		Does Not Meet Current Standards. Replace With Doors. See 2.4.2	
2.4.4	Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	3		Wood Frames Single Glazed. Storm Window Units - Single Glazed. Replace.	\$72,450
2.4.5	Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	3		Original Hardware. To Be Replaced With Windows. See 2.4.4	
2.4.6	Building envelope (i.e., signs of heavy condensation on doors or windows).	4		None Evident	
Other					
	Overall Bldg Exterior Condition & Estim Costs				\$79,200

Section 3	Building Interior - Overall Conditions	Rating	Comments/Concerns		Estim. Cost
3.1	Interior Structure		Bldg. Section		
3.1.1	Interior walls and partitions (i.e., signs of cracks, spalling, paint peeling).	4		Appear In Sound Condition	
3.1.2	Floors (i.e., signs of cracks, heaving, settlement).	4		Appear In Sound Condition	
Other					
3.2	Materials and Finishes		Bldg. Section	Description/Condition	
3.2.1	Floor materials and finishes.	4		Original 9/9 V.A. Tile Most Areas, Carpet In Classrooms. Terrazzo Main Foyer	
3.2.2	Wall materials and finishes.	4		Drywall Painted Or Vinyl Wall Covering.	
3.2.3	Ceiling materials and finishes.	4		Acoustic Tile Application Throughout.	

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		Wood Doors And Frames	
3.2.5	Millwork	4		Most is original furnishings	
3.2.6	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).	4		White Boards	
3.2.7	Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment).	4		No Fixed Items. Portable. Minimum Equipment Evident.	
3.2.8	Washroom materials and finishes.	4		Floors - Terrazzo. Walls - Ceramic Tile/Concrete Block Painted. Ceiling - Acoustic Tile. 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 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</i>		Bldg. Section	Description/Condition	
	3.3.1 Building construction type - combustible or non-combustible, sprinklered or non-sprinklered.	4		Combustible, Non-Sprinklered	
	3.3.2 Fire separations (i.e., between buildings, wings, zones if non-sprinklered).	4		Appear Compliant	
	3.3.3 Fire resistance rating of materials (i.e., corridor walls and doors).	4		No Rating On Doors. Walls Acceptable	
	3.3.4 Exiting distances and access to exits.	4		Access To Exits Appears Compliant	
	3.3.5 Barrier-free access.	2		Steps in common area creating two levels - provide ramp. Provide Handicap Washroom.	\$12,500
	3.3.6 Availability of hazardous materials audit (i.e., evidence of safety concerns with respect to asbestos, PCB's, chemicals).	FI		Need Further Investigation On Acoustic Tile And V.A.T. - I.E Asbestos Content. See Owners Manual	
	3.3.7 Other health and safety concerns (i.e., evidence of excessive noise conditions, air quality problems)	4		Air Quality Is Poor Through Lack Of Air Changes. Noted In Mechanical	
Other					
Overall Bldg Interior Condition & Estim Costs					\$12,500

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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		Site drainage consists of grading to catch basins and run-off to streets. Large paved parking lot.	
4.1.2	Exterior plumbing systems (i.e., irrigation systems, hose bibs).	4		Building has exterior hose bibbs.	
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		Street fire hydrant is located adjacent to school.	
4.2.2	Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems).	4		Fire protection consists of 40 mm hose and hose reels tied to building service. Some are in cabinets.	
4.2.3	Hand extinguishers, blankets and showers (i.e., in CTS areas).	4		Hand extinguishers located throughout.	
4.2.4	Other special situations (e.g., flammable storage areas, science labs, CTS areas).	N/A		Not applicable.	
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		150 mm service from street, service runs to 50 mm meter. Service to building tied to municipal service.	
4.3.2	Water treatment system(s).	N/A		Not applicable.	
4.3.3	Pumps and valves (including backflow prevention valves).	3		No backflow protection provided.	\$5,000
4.3.4	Piping and fittings.	4		All piping on domestic is reported to be in good shape for age of the facility.	
4.3.5	Plumbing fixtures (i.e., toilets, urinals, sinks)	4		Fixtures upgraded with 1984 modernization. Require only on going maintenance as necessary.	
4.3.6	Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation).	4		One self contained Jet Glas hot water gas fired, c/w recirc pump. 1984.	
4.3.7	Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic).	4		Services tied to municipal mains.	
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		Single low pressure boiler installed in 1950's. Unit supplies heat for entire school. Two Glowcore high efficiency hot water boilers not used. Old unit operates well, but due to age, boiler should be considered for replacement.	\$30,000
4.4.2	Heating controls (including use of current energy management technology).	3		Controls are all pneumatic and to a large extent original. No current energy technology is employed. See controls. Refer to 4.7.1.	
4.4.3	Fresh air for combustion and condition of the combustion chimney.	4		Combustion air is in place and acceptable.	
4.4.4	Treatment of water used in heating systems.	4		Treatment systems are current.	
4.4.5	Low water cutoff/pressure relief valves and failure alarms (i.e., hot water heating).	4		Acceptable.	
4.4.6	Heating air filtration systems and filters.	N/A		Not applicable.	
4.4.7	Heating humidification systems and components.	N/A		Not applicable.	

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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	4		School was converted to hot water heating. Piping is generally good.	
4.4.9	Heating piping, valve and/or duct insulation.	4		Generally piping insulated throughout.	
4.4.10	Heat exchangers.	4		Steam to hot water converter for perimeter system.	
4.4.11	Heating mixing boxes, dampers and linkages.	3	Original 1960	Unit ventilators have mixing sections throughout and are prone to problems related to fresh air operations as well as proper distribution in rooms. Fin radiation.	\$50,000
4.4.12	Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces).	3	Original	Subject to some areas of discomfort due to unit ventilator performance and lack of any air in some areas. Refer to 4.7.1.	
4.4.13	Zone/unit heaters and controls.	4		Generally ok.	
Other					

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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		Rooftop units as follows: -Engineered air makeup ventilation, gas fired/ dx cooling 15,000 cfm -5 Carrier gas heating/ dx cooling. 3 not used on east wing.	
4.5.2	Outside air for the occupant load (if possible, reference CFM/occupant).	4		Acceptable with main supply and unit ventilators. School is lightly populated.	
4.5.3	Air distribution system (if possible, reference number of air changes/hour).	4		Design of air distribution would give in excess of 6 air changes.	
4.5.4	Exhaust systems capacity and condition.	4		School has central exhaust fan for washrooms through common system. Gym has separate exhaust fan.	
4.5.5	Separation of out flow from air intakes	4		Separation of exhaust and intakes is acceptable.	
4.5.6	Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas).				
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).	3		Electric and pneumatic. See controls.	
4.5.8	Air filtration systems and filters.	4		Units have fiberglass filters.	
4.5.9	Humidification system and components.	N/A		Not applicable.	
4.5.10	Heat exchangers.	N/A		Not applicable.	
4.5.11	Ventilation distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages).	4		Exhaust distribution ductwork is good shape.	
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).	4		DX cooling in rooftop units. No problems reported, 1984.	
4.6.2	Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages)	4			
4.6.3	Cooling system controls (including use of current energy management technology).	4		Integral electric controls (heat/cool t'stats)	
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		Building controls are pneumatic, no energy management, getting old.	\$75,000
	Overall Mech Systems Condition & Estim. Costs				\$160,000

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).	4		Main service - underground, 1200A, 120/208V, 3 phase, 4 wire - is in good condition. Service is approximately 14 years old.	
5.1.2	Site and building exterior lighting (i.e., safety concerns).	4		Exterior lighting is in good condiiton with good coverage.	
5.1.3	Vehicle plug-ins (i.e., number, capacity, condition).	4		There are 20 parking stalls with plug-ins and is in good condition.	
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		Fire alarm system needs upgrading. There are no strobes and some exits do not have pull stations.	\$4,000
5.2.2	Emergency lighting systems (i.e., safety concerns, condition).	3		Emergency lighting system is function well but is old. Ensure monthly testing is done on complete system.	\$3,500
5.2.3	Exit lighting and signage (i.e., safety concerns, condition).	4		Existing exit lighting is in good condition.	
Other					

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		Provide surge protection.	\$1,500
5.3.2	Panels and wireways capacity and condition.	4		Existing panels are in good condition with approximately 10% space available.	
5.3.3	Emergency generator capacity and condition and/or UPS (if applicable).	N/A			
5.3.4	General wiring devices and methods.	4		Overall condition is good.	
5.3.5	Motor controls.	4		Loose starters are in good condition.	
Other					

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 mostly fluorescent with T12 lamps. Corridors are very dark in some areas. Levels are as follows: corridors +4, classrooms +29, administration +48, and gym +49. Additional lights in corridor are required. Replacing burnt out lamps in classrooms would bring up levels.	\$25,000
5.4.2	Replacement of ballasts (i.e., health and safety concerns).	4		No concerns seen.	
5.4.3	Implementation of energy efficiency measures and recommendations.	3		Upgrade lighting to T8 lamp technology and retrofit exit lighting with LED style lamps.	\$40,000
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).	4		Existing system is in good condition.	
5.5.2	Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV).	4		Existing P.A. system is in good condition.	
5.5.3	Network cabling (if available, should be category 5 or better).	4		All cabling is done with category 5 cable.	
5.5.4	Network cabling installation (i.e., in conduit, secured to walls or tables).	4		Cable is installed in ceiling space without conduit. FT4 cable is being used.	
5.5.5	Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth).	4		Equipment is located in classroom storage room. It is not ventilated but due to the size of the room, no concerns at this time.	
5.5.6	Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).	4		Equipment supplied with dedicated circuit.	
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).	4		Existing system is in good condition complete with motion detectors and door contacts.	
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				\$74,000

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).			
6.1.2	Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).			
6.1.3	Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).			
6.1.4	Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).			
6.1.5	Interior finishes (i.e., floors, walls, ceiling).			
6.1.6	Millwork (i.e., counters, shelving, vanities, cabinets).			
6.1.7	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs)			
6.1.8	Heating system.			
6.1.9	Ventilation system.			
6.1.10	Electrical, communication and data network systems.			
6.1.11	Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials).			
6.1.12	Barrier-free access.			
	Overall Portable Bldgs Condition & Estim Costs			\$0

Section 7	Space Adequacy	This Facility			Equiv. New Facility			Surplus/ Deficiency	Comments/Concerns
		No.	Size	Total Area	No.	Size	Total Area		
7.1	Classrooms	10	VAR.	690	6	80	480	210	
7.2	Science Rooms/Labs	0			1		95	-98	
7.3	Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)	0			1 2	130 90	310	-310	
7.4	Gymnasium (incl. gym storage)	1		185	1		275	-90	
7.5	Library/Resource Areas	1		124	1		120	4	
7.6	Administration/Staff, Physical Education, Storage Areas			133			342	-209	
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)			654			564	90	
	Overall Space Adequacy Assessment	12		1786	12		2186	-400	