

School Facility Evaluation Project
Part III - Space Adequacy

School Name:	MOUNT VIEW ELEMENTARY			School Code:	9224	
Location:	2004 4ST. N.E.			Facility Code:	1486	
Region:	CALGARY SOUTH			Superintendent:	DR. DONNA MICHAELS	
Jurisdiction:	CALGARY SCHOOL DISTRICT #19			Contact Person:	LEANNE SOLIGO	
				Telephone:	(403) 214-1123	
Grades:	1 - 6			School Capacity:	200	
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	1946	1	1544.00	Frame, flat/sloped roof, stucco	Steam heating system to unit ventiaaltors. General exhaust system provided.	Part of this space is being used by C.L.C. for offices and conference areas
Additions/ Expansions	1955	1	410.10	Frame, flat/sloped roof, stucco		
Total:			1954.10			
		Excess			Evaluator's Name:	NORMAN DOBELL
					& Company:	NORMAN DOBELL & ASSOC. ARCH.

Upgrading/ Modernization (identify whether minor or major)	1997 1998					All windows replaced. Roof replaced. Majority of asbestos removed
Portable Struct. (identify whether attached/perman. or free-standing/ relocatable)	N/A					
List of Reports/ Supplementary Information	Facility Asbestos Manual					

School Facility Evaluation Project
Part III - Space Adequacy

	Evaluation Components	Summary Assessment			Estim. Cost
1	Site Conditions	Parking lot to be asphalted. Provide for H.C. stall. Resurface other areas.			\$46,700
2	Building Exterior	Exterior doors and hardware to be replaced			\$17,100
3	Building Interior	Replace millwork in classrooms. Refloor hallways			\$99,600
4	Mechanical Systems	While systems are generally in good working order, systems are over 40 years old and past life expectancy.			\$300,000
5	Electrical Systems	Install surge protection on the electrical system. Retrofit lighting throughout to improve colour rendition and efficiency. Public address system requires an overhaul.			\$128,200
6	Portable Buildings	N/A			\$0
7	Space Adequacy:				
	7.1 Classrooms	Excess	116		
	7.2 Science Rooms/Labs	Deficient	-95		
	7.3 Ancillary Areas	Deficient	-189		
	7.4 Gymnasium	Deficient	-95		
	7.5 Library/Resource Areas	Excess	68		
	7.6 Administration/Staff Areas	Excess	136		
	7.7 CTS Areas				
	7.8 Other Non-Instructional Areas (incl. gross-up)	Excess	71		
	Overall School Conditions & Estim. Costs	Excess	12		\$591,600

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	Grass and hard surface. Asphalt area requires topping only.	\$8,000
1.1.3	Outdoor playground areas, including condition of equipment and base.	4	Good equipment. Checked every year.	
1.1.4	Site landscaping.	4	Front yard landscaped	
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).	4	No evidence of drainage problems	
1.1.7	Evidence of sub-soil problems.	4	None noted	
1.1.8	Safety and security concerns due to site conditions.	4	None	
Other				

Section 1	Site Conditions	Rating	Comments/Concerns	Estim. Cost
1.2	Access/Drop-Off Areas/Roadways/Bus			
1.2.1	Vehicular and pedestrian access points (i.e., size, number, visibility, safety).	4	City street	
1.2.2	Surfacing of on-site road network (note whether asphalt or gravel).	3	Driveway asphalt - requires resurfacing (Refer to 1.3.3)	
1.2.3	Bus lanes/drop-off areas (note whether on-site or off-site).	4	City streets	
1.2.4	Fire vehicle access.	4	City street and lane	
1.2.5	Signage.	4	Building signed at front	
Other			Excess	

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	12 Staff, 45 total. Provide for handicap parking	\$9,700
1.3.2	Layout and safety of parking lots.	4	Fenced from play area. No pedestrian traffic through parking area	
1.3.3	Surfacing and drainage of parking lots (note whether asphalt or gravel).	3	Gravel surface for 26 stalls, no drainage problems. Resurface with asphalt.	\$29,000
1.3.4	Layout and safety of sidewalks.	4	Adequate	
1.3.5	Surfacing and drainage of sidewalks (note type of material).	4	Concrete, well drained	
1.3.6	Curb cuts and ramps for barrier free access.	4	City street	
Other				
	Overall Site Conditions & Estimated Costs			\$46,700

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		Wood floor - No apparent problems	
2.1.2	Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains).	4		No indication of problems	
2.1.3	Roof structure (i.e., signs of bending, cracking, voids, rust, stains).	4		No indication of 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 states of repair.</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).	5		Roof replaced two years ago, no apparent problems	
2.2.2	Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).	4		Good condition	
2.2.3	Control of ice and snow falling from roof.	4		Flat roof, no problems	
2.2.4	Skylights (i.e., signs of distress, leaks, ice build-up, condensation, deteriorated materials/seals).	4		One skylight. Shows no sign of deterioration	
Other					

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		Integrally colored stucco, good repair	
2.3.2	Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).	4		Flashings replaced at time of reroofing	
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	Excess	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		Provide allowance for renovations required for boiler replacement.	\$8,500

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 hardware original to building except at modernization areas. Replace four sets of exterior doors and hardware.	\$8,600
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).	5		Windows replaced with sealed units in aluminum frames two years ago	
2.4.5	Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	5		Good condition	
2.4.6	Building envelope (i.e., signs of heavy condensation on doors or windows).	4		No evidence of condensation	
Other					
	Overall Bldg Exterior Condition & Estim Costs				\$17,100

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		Frame, good repair	
3.1.2		4		Floors sound, showing some sign of normal settlement in corridors	
Other					
3.2	Materials and Finishes		Bldg. Section	Description/Condition	
3.2.1	Floor materials and finishes.	3		9/9 vinyl tiles - good. Carpet - good. Damaged linoleum in corridor to be replaced.	\$15,600
3.2.2	Wall materials and finishes.	4		Gypsum painted - good throughout	
3.2.3	Ceiling materials and finishes.	4		Suspended accoustic tile	

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		Doors and hardware in good condition	
3.2.5	Millwork	3		Millwork original. Replace in classrooms	\$74,000
3.2.6	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).	4		Mostly blackboards to be replaced with whiteboards. Tackboards and display 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		Flooring - ceramic tile. Walls block and plater painted. Ceilings - plaster painted	
Other					

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 meet applicable codes, primarily due to safety concerns. Basis of evaluation should be an up-to-date inspection report from the authority having jurisdiction togeth		Bldg. Section	Description/Condition	
3.3.1	Building construction type - combustible or non-combustible, sprinklered or non-sprinklered.	4	Excess	Combustible, non-sprinklered	
3.3.2	Fire separations (i.e., between buildings, wings, zones if non-sprinklered).	4		Fire separations appear to be in place	
3.3.3	Fire resistance rating of materials (i.e., corridor walls and doors).	4		Appear to be compliant	
3.3.4	Exiting distances and access to exits.	4		Appear to be compliant	
3.3.5	Barrier-free access.	2		Building accessible but lacks handicap washroom. Provide washroom.	\$10,000
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				\$99,600

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		No catch basins on site, storm drain to surface.	
	4.1.2 Exterior plumbing systems (i.e., irrigation systems, hose bibs).	4		No irrigation. 2 outside hose bibbs; they are not non-freeze.	
	4.1.3 Outside storage tanks.	NA		Not applicable.	
	Other				
4.2	Fire Suppression Systems		Bldg. Section	Description/Condition	
	4.2.1 Fire hydrants and siamese connections.	4		Fire hydrant across the street.	
	4.2.2 Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems).	4		Stand pipe system with hose racks. No sprinklers or other systems.	
	4.2.3 Hand extinguishers, blankets and showers (i.e., in CTS areas).	4		Hand ABC extinguishers located throughout the complex.	
	4.2.4 Other special situations (e.g., flammable storage areas, science labs, CTS areas).	NA		Not applicable.	
	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 1/2" water supply from City.	
4.3.2	Water treatment system(s).	4		Non required.	
4.3.3	Pumps and valves (including backflow prevention valves).	3		No backflow device.	\$5,000
4.3.4	Piping and fittings.	4		Copper pipe appears to be in good condition.	
4.3.5	Plumbing fixtures (i.e., toilets, urinals, sinks)	2	Excess	Water closet have flushometer (old), urinals stand-up flush tanks (old), basins (new).	\$15,000
4.3.6	Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation).	4		One John Wood hot water tank. 33 gallon 32,400 BTU c/w re-circ. pump.	
4.3.7	Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic).	4		Sanitary drains to City system.	
Other					

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		Heating is by an original Waterous steam boiler. There is no name plate to obtain capacity.	\$90,000
4.4.2	Heating controls (including use of current energy management technology).	3		Controls are pneumatic, which is old and should be replaced. See controls 4.7.1	
4.4.3	Fresh air for combustion and condition of the combustion chimney.	4		Combustion air is adequate.	
4.4.4	Treatment of water used in heating systems.	4		Dearborn chemical is used for treatment.	
4.4.5	Low water cutoff/pressure relief valves and failure alarms (i.e., hot water heating).	4		Boiler is equipped with low water cut-off.	
4.4.6	Heating air filtration systems and filters.	NA			
4.4.7	Heating humidification systems and components.	N/A		No humidification.	

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		Pipe is old and should be replaced. Refer to 4.4.1	
4.4.9	Heating piping, valve and/or duct insulation.	4		Insulation of piping is in good condition.	
4.4.10	Heat exchangers.	NA		Not applicable.	
4.4.11	Heating mixing boxes, dampers and linkages.	2		All classroom heating units are old and should be replaced. Refer to 4.4.1.	
4.4.12	Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces).	2		The gym has 2 ventilation units and 5 convector units. Refer to 4.4.1.	
4.4.13	Zone/unit heaters and controls.	3		Forced flow units in entrance vestibules. Refer to 4.4.1.	
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		Each classroom has a air handling unit with outside and return air, also has a steam heating coil. Each classroom has an exhaust grille which is ducted to main exhaust fan.	\$100,000
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. Refer to 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. Refer to 4.5.1.	
4.5.4	Exhaust systems capacity and condition.	2		There is a Trane exhaust fan which draws from each classrooms.	\$30,000
4.5.5	Separation of out flow from air intakes	4		No problems, separation is good.	
4.5.6	Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas).	N/A			
Other					

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</i>				
4.5.7	Ventilation controls (including use of current energy management technology).	NA			
4.5.8	Air filtration systems and filters.	NA			
4.5.9	Humidification system and components.	NA		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					

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).	NA		Not applicable.	
4.6.2	Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages)	NA		Not applicable.	
4.6.3	Cooling system controls (including use of current energy management technology).	NA		Not applicable.	
4.6.4	Special/dedicated cooling systems (i.e., labs, CTS areas).	4		North end upper level office has a swamp cooler. North end conference rooms have window air conditioners (3).	
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, antiquated.	\$60,000
	Overall Mech Systems Condition & Estim. Costs				\$300,000

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).	5		Main service - 400A, 120/208V, 3 phase, 4 watt, underground. New service was installed in 1997.	
5.1.2	Site and building exterior lighting (i.e., safety concerns).	2		Existing lighting is in good condition. Additional lights should be added to south wing exit and east wing exit.	\$1,200
5.1.3	Vehicle plug-ins (i.e., number, capacity, condition).	3		Existing car receptacles are sufficient for car stalls. Som maintenance required to outlet covers.	\$500
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).	1		Existing F.A. system does not meet 1997 ABC. Complete new system is required to meet code. Fire alarm audit not presently being done.	\$25,000
5.2.2	Emergency lighting systems (i.e., safety concerns, condition).	1		Existing emergency lighting system is not adequate. Additional emergency lights to meet code.	\$9,000
5.2.3	Exit lighting and signage (i.e., safety concerns, condition).	1		Existing exit lights do not meet code. New signs required throughout.	\$3,500
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.	1		No surge protection present.	\$1,500
5.3.2	Panels and wireways capacity and condition.	3		Panels in good condition. Capacity is nearing 100%. Maintenance on replacement of breakers with age is required.	\$500
5.3.3	Emergency generator capacity and condition and/or UPS (if applicable).	N/A		No generator present.	
5.3.4	General wiring devices and methods.	3		Most wiring devices are in good condition. Som classrooms may require more outlets due to computer equipment and other equipment.	\$1,000
5.3.5	Motor controls.	4		Loose starters are in good condition.	
Other		3	Excess	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).	2		Classroom lighting levels are good. Many lamps are missing from fixtures and many are burnt out. Replace lamps as required. Areas that require more light are: corridors, gymnasium, washrooms and administration.	\$35,000
5.4.2	Replacement of ballasts (i.e., health and safety concerns).	1		Some fixtures may require replacement ballasts. See 5.4.1 for pricing.	
5.4.3	Implementation of energy efficiency measures and recommendations.	3		All fixtures not replaced in Item 5.4.1 could be retrofitted with T-8 lamps and ballasts.	\$26,000
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		New Norstar phone system present. Phone outlets in each classroom.	
5.5.2	Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV).	3		Old Bogen P.A. system in place. Some static and humming noticable. Replace with new system.	\$18,000
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 system and neatly bundled where exposed.	
5.5.5	Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth).	4		Data equipment in large room with storage items. Cooling did not seem to be required.	
5.5.6	Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).	4		Dedicated power is installed.	
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		None present.	
5.6.2	Intrusion alarms (if applicable).	3		Master entry is CBE security. There are no contacts. Motion detectors are in place.	\$2,000
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				\$128,200

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	4 2	70 78	436	4	80	320	116	
7.2	Science Rooms/Labs				1		95	-95	
7.3	Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)	1 1	78 43	121	2 1	90 130	310	-189	
7.4	Gymnasium (incl. gym storage)	1		180	1		275	-95	
7.5	Library/Resource Areas	1		168	1		100	68	
7.6	Administration/Staff, Physical Education, Storage Areas			123			259	-136	
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)			550			479	71	
	Overall Space Adequacy Assessment	10		1578	10		1838	-260	