	School Name:		MIDNAPORE ELEMENTARY			School Code:	9363
	Location:		55 MIDPARK RISE S.E.			Facility Code:	1569
	Region:		CALGARY SOUTH			Superintendent:	DR. DONNA MICHAELS
	Jurisdiction:		CALGARY SCHOOL DISTRICT #19			Contact Person:	LEANNE SOLIGO
						Telephone:	(403) 214-1123
	Grades:		K-6			School Capacity:	575

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	1978	1	3007.70	Masonry, Flat Roof	The mechanical systems consist of permiter hot water heating and central low velocity ventilation.	
Additions/ Expansions						

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

Upgrading/ Modernization (identify whether minor or major)	N/A					
Portable Struct. (identify whether attached/perman. or free-standing/ relocatable)	1963	1	83.50	Portable	Three rooms per portable unit; provided with gas furnaces only	All portable units are attached to the masonry school
	1964	1	83.50	Portable		
	1967	1	83.50	Portable		
	1980	1	83.50	Portable	Eight rooms; provided with gas-fired furnaces and DX split air-conditioning systems	
Total:			4038.50			
List of Reports/ Supplementary Information	Facilities Asbestos Manual					

	Evaluation Components	Summary Assessment		
1	**Site Conditions**	Provide handicap parking facility		
2	**Building Exterior**	N/A		
3	**Building Interior**	Provide new classroom millwork, gym stage curtain, and toilet partitions; recarpet two classroom areas		
4	**Mechanical Systems**	While systems are generally in good working order, base equipment over 20 years old and past life expectancy.		
5	**Electrical Systems**	Install surge protection on the electrical system. Retrofit lighting throughout to improve colour rendition and efficiency.		
6	**Portable Buildings**	The 1980 portable classrooms have systems that are in good working order and suitable for the classroom functions. However, the units are at or near their life expectancy. The older classrooms have systems that are well past their life expectancy.		
7	**Space Adequacy:**			
	7.1 Classrooms	Deficient	-98	
	7.2 Science Rooms/Labs	Deficient	-72	
	7.3 Ancillary Areas	Deficient	-310	
	7.4 Gymnasium	Deficient	-19	
	7.5 Library/Resource Areas	Deficient	-79	
	7.6 Administration/Staff Areas	Deficient	-109	
	7.7 CTS Areas	N/A	N/A	
	7.8 Other Non-Instructional Areas (incl. gross-up)	Deficient	-608	
	Overall School Conditions & Estim. Costs	Deficient	-1295	

School Facility Evaluation Project

Part III - Space Adequacy

Estim. Cost
$5,625
$10,000
$90,500
$377,500
$102,500
$72,450
$658,575

Section 1	Site Conditions	Rating	Comments/Concerns	Estim. Cost
1.1	**General Site Condions**			
1.1.1	Overall site size.	4	Adequate	
1.1.2	Outdoor athletic areas.	4	Play areas	
1.1.3	Outdoor playground areas, including condition of equipment and base.	4	Equipment good - recently repaired	
1.1.4	Site landscaping.	4	Trees and shrubs in front of school	
1.1.5	Site accessories (i.e., perimeter and other fencing, guard rails, bike stands, flag poles).	4	Chain link fenceing on perimeter, guard rail, bike stands	
1.1.6	Surface drainage conditions (i.e., drains away from building, signs of ponding).	4	No indication of problems	
1.1.7	Evidence of sub-soil problems.	4	None evident	
1.1.8	Safety and security concerns due to site conditions.	4	None evident	
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	Short driveway to parking lot from city street	
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, city street	
1.2.4	Fire vehicle access.	4	Good access from west city street, north parking lot, south gravel fire lane	
1.2.5	Signage.	4	Well signed	
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	Adequate parking for staff; provide handicap stall	$5,625
1.3.2	Layout and safety of parking lots.	4	Well layed out	
1.3.3	Surfacing and drainage of parking lots (note whether asphalt or gravel).	4	Areas of ponding on asphalt - recontour to drainage (see 1.3.1)	
1.3.4	Layout and safety of sidewalks.	4	Walks to front and side entrance level in good repair	
1.3.5	Surfacing and drainage of sidewalks (note type of material).	4	Concrete - good drainage	
1.3.6	Curb cuts and ramps for barrier free access.	4	Concrete ramp access from parking lot	
Other				
	Overall Site Conditions & Estimated Costs			$5,625

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		Concrete slab on grade - 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** ***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.***		**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 - Further investigation required	
2.2.2	Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).	4		Good repair	
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					

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		Brick and block - no signs of deterioration	
2.3.2	Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).	4		Good repair	
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		Envelope appears sound	
2.3.4	Interface of roof drainage and ground drainage systems.	4		Drainage interface with municipal system	
2.3.5	Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots).	4		No signs of cracking or staining	
Other		3		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).	4		Exterior doors in good repair	
2.4.2	Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	4		Good repair	
2.4.3	Exit door hardware (i.e., safety and/or code concerns).	4		Good repair	
2.4.4	Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).	4		Metal frames - good repair	
2.4.5	Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).	4		Good repair	
2.4.6	Building envelope (i.e., signs of heavy condensation on doors or windows).	4		None	
Other					
	Overall Bldg Exterior Condition & Estim Costs				$10,000

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		None evident	
3.1.2	Floors (i.e., signs of cracks, heaving, settlement).	4		None evident	
Other					
3.2	**Materials and Finishes**		**Bldg. Section**	**Description/Condition**	
3.2.1	Floor materials and finishes.	3		12/12 vinyl tiles and carpet - carpet in rooms 11 and 12 to be replaced	$5,500
3.2.2	Wall materials and finishes.	4		Painted block, demountable partitions, folding doors	
3.2.3	Ceiling materials and finishes.	4		Suspended acoustic 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		Good repair	
3.2.5	Millwork	3		Original millwork in classrooms to be upgraded	$63,400
3.2.6	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).	3		Tackboards adequate; writing boards tro be replaced in some areas when cabinetry is upgraded (see 3.2.5)	
3.2.7	Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment).	3		Gym equipment in good shape; gym stage curtain to be replaced	$16,250
3.2.8	Washroom materials and finishes.	3		Quarry tile floors, painted block walls, suspended acoustic tile ceiling; metal toilet partitions to be replaced	$5,350
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 together with direct observations as appropriate. Evaluator should note if in his opinion a comprehensive code evaluation is required***		**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		Appears to be compliant	
1.3.2	Fire resistance rating of materials (i.e., corridor walls and doors).	4		Block walls; metal doors	
3.3.4	Exiting distances and access to exits.	4		Appears to be compliant	
3.3.5	Barrier-free access.	4		Good access to building; handicap washroom available	
3.3.6	Availability of hazardous materials audit (i.e., evidence of safety concerns with respect to asbestos, PCB's, chemicals).	4		Non-evident (see manual)	
3.3.7	Other health and safety concerns (i.e., evidence of excessive noise conditions, air quality problems)	4		Non-evident	
Other					
	Overall Bldg Interior Condition & Estim Costs				$90,500

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 swales and catch basins tied to City services.	
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 hose cabinets are provided.	
4.2.3	Hand extinguishers, blankets and showers (i.e., in CTS areas).	4		Hand extinguishers located throughout in cabinets.	
4.2.4	Other special situations (e.g., flammable storage areas, science labs, CTS areas).	N/A		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		100 mm service from street, service runs to 75m meter. Separate irrigation service provided. 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).	4		Backflow preventors are current.	
4.3.4	Piping and fittings.	4		All piping on domestic is copper and is in good shape.	
4.3.5	Plumbing fixtures (i.e., toilets, urinals, sinks)	4		Fixtures are in good service condition.	
4.3.6	Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation).	4		One self contained Ruud commercial hot water heater, gas fired, c/w recirc pump.	
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					

Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
4.4	**Heating Systems**		**Bldg. Section**	**Description/Condition**	
4.4.1	Heating capacity and reliability (including backup capacity).	3		Two Bryan hot water boilers supply heat for entire school. Units operate well and are in working order, however, are 21 years old and nering their normal life expectancy. Boilers distribute hot water to perimeter radiation, and entrance heaters.	$135,000
4.4.2	Heating controls (including use of current energy management technology.	3		Controls are pnuematic and electric. See Controls. Refer to item 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 in good working order.	
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.	

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		Hot water distribution is in good working order.	
4.4.9	Heating piping, valve and/or duct insulation.	4		Piping is insulated throughout.	
4.4.10	Heat exchangers.	N/A		Not applicable.	
4.4.11	Heating mixing boxes, dampers and linkages.	N/A		Not applicable.	
4.4.12	Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces).	4		No reported problems with control and distribution.	
4.4.13	Zone/unit heaters and controls.	4		No reproted problems with zone and heating control.	
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.	3		A central Engineered Air air handling unit located in the mechanical room provides air distribution to all areas of the school except the portable units and the gymnasium. The unit is complete with mixing section, filters, hot water coil, and DX cooling coil. A separate engineered Air unit located on the roof serves the gymnasium; this unit is complete with mixing section and filters. Both units are 21 years old and nearing normal life expectancy.	$150,000
4.5.2	Outside air for the occupant load (if possible, reference CFM/occupant).	4		Based on system design outside air quantities are being met.	
4.5.3	Air distribution system (if possible, reference number of air changes/hour).	4		Design of the air system would give 4 to 6 air changes.	
4.5.4	Exhaust systems capacity and condition.	4		Exhaust systems are acceptable and properly operating.	
4.5.5	Separation of out flow from air intakes	4		Acceptable.	
4.5.6	Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas).	3		Range hood in staff are is not vented.	$2,500
Other					

Section 4	Mechanical Systems	Rating	Comments/Concerns		Estim. Cost
4.5	**Ventilation Systems (cont'd)**		**Bldg. Section**	**Description/Condition**	
	Note: Only complete the following items if there are separate ventilation and heating systems.				
4.5.7	Ventilation controls (including use of current energy management technology).	3		Ventilation controls are pneumatic based. See controls. Refer to item 4.7.1.	
4.5.8	Air filtration systems and filters.	4		Systems has fiberglass filters.	
4.5.9	Humidification system and components.	N/A			
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 ductwork is in good condition.	
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).	3		Cooling is provided by DX split system. System is in good condition, however, is 21 year old and nearing normal life expectancy. Refer to item 4.5.1.	
4.6.2	Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages)	4		Cooling distribution is through ventilation systems.	
4.6.3	Cooling system controls (including use of current energy management technology).	4		Pneumatic/ electric controls only.	
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.	3		Building controls are DDC based and current. Upgrade of the system to current software releases may be required.	$90,000
	Overall Mech. Systems Condition & Estim. Costs				$377,500

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, 1000A, 120/208V, 3 phase, 4 wire - is in good condition. Service is approximately 21 years old.	
5.1.2	Site and building exterior lighting (i.e., safety concerns).	4		Existing exterior lighting is in good condition and has most areas covered.	
5.1.3	Vehicle plug-ins (i.e., number, capacity, condition).	4		Existing staff car stalls have sufficient power outlets and are 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		Existing fire alarm system is in good condition. Strobes will have to be added to meet 1997 ABC.	$4,000
5.2.2	Emergency lighting systems (i.e., safety concerns, condition).	3		Existing system needs to be upgraded. More lighting heads required throughout. Recommend emergency lighting to be installed in ECS room.	$15,000
5.2.3	Exit lighting and signage (i.e., safety concerns, condition).	4		Existing exit lighting is in good condition. Two exit lights should be added in rooms 21 and 22, which have exterior doors. See Section 6.1.11	
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		Provide surge protection.	$1,500
5.3.2	Panels and wireways capacity and condition.	4		Existing panels have approximately 5% vacancy and are in good condition.	
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		Existing loose controls 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).	4		Most of the existing lighting is below standards but due to many lamps being removed and/or burnt out. Replacing these should improve all areas. Lighting levels are as follows: classrooms +34, corridors +12, gym +38, and administration +45.	
5.4.2	Replacement of ballasts (i.e., health and safety concerns).	4		Some ballasts still being replaced as required.	
5.4.3	Implementation of energy efficiency measures and recommendations.	3		Retrofit interior lighting with T8 lamp technology and replace exit lighting with LED style.	$82,000
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		P.A. system is in good condition.	
5.5.3	Network cabling (if available, should be category 5 or better).	4		Network cabling is category 5.	
5.5.4	Network cabling installation (i.e., in conduit, secured to walls or tables).	4		All cable is installed in conduit.	
5.5.5	Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth).	4		Equipment is installed in library storage room. Ventilation/cooling does not seem to be required.	
5.5.6	Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).	4		Equipment is supplied with dedicated circuits.	
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.	
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				$102,500

Section 6	Portable Buildings	Rating	Comments/Concerns	Estim. Cost
	Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.			
6.1.1	Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).	4	Wood construction - all level	
6.1.2	Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).	FI	1998 roof replacement on #13, 16, 17, 20; remainder of portables to be considered for roof replacement	
6.1.3	Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).	4	Metal cladding - good repair	
6.1.4	Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).	4	Wooden doors - reasonable repair	
6.1.5	Interior finishes (i.e., floors, walls, ceiling).	3	Floors - carpet; walls - wallboard; ceiling - 12/12 acoustic tile; carpet to be replaced in room 9; some wallboard to be replaced	$2,750
6.1.6	Millwork (i.e., counters, shelving, vanities, cabinets).	4	Original - basic minimal to be replaced	
6.1.7	Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs)	3	Blackboards not working well - to be replaced	$6,700
6.1.8	Heating system.	2	The 1980 portables (total 8 rooms) are provided with gas fired furnaces with DX split air conditioning systems. These are in good working order, but nearing normal life expectancy. The older portables (3 rooms) are provided with gas furnaces only. These are generally in fair condition only.	$60,000
6.1.9	Ventilation system.	2	The 1980 portables have outdoor air intake capability. This appears to be able to meet ventilation requirements if operating properly. The older portables (3 rooms) have no ventilation capability. (See 4.4)	
6.1.10	Electrical, communication and data network systems.	4	Existing system is similar to main school building.	
6.1.11	Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials).	3	Additional emergency and exit lighting required. Included in sections 5.2.2, 5.2.3 and 5.2.1 (strobes).	$3,000
6.1.12	Barrier-free access.	4	Ramps to classrooms	
	Overall Portable Bldgs Condition & Estim Costs			$72,450

Section 7	Space Adequacy	This Facility			Equiv. New Facility			Surplus/ Deficiency	Comments/Concerns
		No.	Size	Total Area	No.	Size	Total Area		
7.1	Classrooms	18	VAR.	1342	19	80	1440	-98	
7.2	Science Rooms/Labs	1		118	2	95	190	-72	
7.3	Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)	3	VAR.	220	2 3	130 90	530	-310	
7.4	Gymnasium (incl. gym storage)	1		454	1		473	-19	
7.5	Library/Resource Areas	1		181	1		260	-79	
7.6	Administration/Staff, Physical Education, Storage Areas			415			524	-109	
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)			796			1404	-608	
	Overall Space Adequacy Assessment	24		3526	28		4821	-1295	