

School Facility Evaluation Project  
Part III - Space Adequacy

|                          |                                       |                      |                                |  |  |                           |
|--------------------------|---------------------------------------|----------------------|--------------------------------|--|--|---------------------------|
| School Name:             | Bishop Greschuk Elementary School     |                      |                                |  | School Code:   | 18                        |
| Location:                | Edmonton                              |                      |                                |  | Facility Code:   | 2002                      |
| Region:                  | Central                               |                      |                                |  | Superintendent:  | Mr. Garnet McKee          |
| Jurisdiction:            | Edmonton R.C.S. Regional Division #40 |                      |                                |  | Contact Person:  | Mr. Ken Yakimovich        |
|                          |                                       |                      |                                |  | Telephone:   | (780) 453-4500            |
| Grades:                  | K - VI                                |                      |                                |  | School Capacity:   | 525                       |
|                          |                                       |                      |                                |  |  |                           |
| <b>Building Section</b>  | <b>Year of Compl.</b>                 | <b>No. of Floors</b> | <b>Gross Bldg Area (Sq.M.)</b> | <b>Type of Construction (i.e., structure, roof, cladding)</b>            | <b>Description of Mechanical Systems (incl. major upgrades)</b>  | <b>Comments/Notes</b>     |
| Original Building        | 1991                                  | 1                    | 3240.00                        | Masonry, built-up roofing, concrete block, metal roof and steel framing. | Perimeter radiation with hot glycol. Central Air handling units serving classrooms, offices and Gymnasium. |                           |
| Additions/<br>Expansions | N/A                                   |                      |                                |  |  |                           |
|                          |                                       |                      |                                |  |  |                           |
|                          |                                       |                      |                                |  | Evaluator's Name:  | Francis Ng                |
|                          |                                       |                      |                                |  | & Company:   | Francis Ng Architect Ltd. |

|  |   |   |        |   |   |  |
|--|---|---|--------|---|---|--|
| Upgrading/<br>Modernization<br>(identify whether<br>minor or major)                            | 1995  |   |        | BQRP  |   | VA tiles                                 |
|  | 1996  |   |        | BQRP  |   | Vinyl tiles portables 107, 108, 183, 184 |
|  | 1997  |   |        | BQRP  |   | Vinyl tiles portables 135, 136, 205      |
|  | 1998  |   |        | BQRP  |   | Re-roof Portable 85                      |
| Portable Struct.<br>(identify whether<br>attached/perman. or<br>free-standing/<br>relocatable) | 1976  | 1 | 112.7  | Framed, wood siding, torched on<br>roofing. | Natural gas furnaces with<br>overhead / underfloor ductwork.<br>These provide heating and<br>ventilation. | Portable 205 ?                           |
|  | 1979  | 1 | 167.00 | Framed, wood siding, torched on<br>roofing. |   | Portables 135 & 136 ?                    |
|  | 1980  | 1 | 211.00 | Framed, wood siding, torched on<br>roofing. |   | Portables 183 & 184 ?                    |
|  | 1982  | 1 | 222.90 | Framed, wood siding, built-up<br>roofing.   |   | Portables 107 & 108 ?                    |
|  | 1982  | 1 | 83.50  | Framed, wood siding, torched on<br>roofing. |   | Portable 085 ?                           |
|  |   |   |        |   |   |  |
| List of Reports/<br>Supplementary<br>Information   | None  |   |        |   |   |  |
|  | Room nos. based Edmonton R.C.S. School Board drawings.              |   |        |   |   |  |
|  | ? = Years and Portables No. are assumed due to unavailable records. |   |        |   |   |  |

School Facility Evaluation Project  
Part III - Space Adequacy

|   | Evaluation Components                              | Summary Assessment   | Estim. Cost  |
|---|--|--|--------------|
| 1 | Site Conditions                                    | Repair sidewalks.<br>Provide new grading.  | \$35,000.00  |
| 2 | Building Exterior                                  | Repair SBS torched on roofs.<br>Repair windows and accessories.<br>Repair and repaint exit doors.  | \$39,600.00  |
| 3 | Building Interior                                  | Repair and repaint interior metal doors.<br>Repair millwork.<br>Repair interior floor and wall finishes.   | \$62,000.00  |
| 4 | Mechanical Systems                                 | A newer school which has been well maintained and served by a good Mechanical system. Other than ongoing regular maintenance items, there is nothing much which needs repair in this facility. | \$0.00       |
| 5 | Electrical Systems                                 | Electrical systems are in satisfactory condition. Provide surge suppression system.  | \$3,500.00   |
| 6 | Portable Buildings                                 | Repair roofs for Portable Units 107 and 108.<br>Repair exit doors. Repair exterior wood siding. Repair interior finishes.<br>Repair millwork.  | \$40,900.00  |
| 7 | Space Adequacy:                                    |  |              |
|   | 7.1 Classrooms                                     | 466.70   |              |
|   | 7.2 Science Rooms/Labs                             | -285.00  |              |
|   | 7.3 Ancillary Areas                                | -286.70  |              |
|   | 7.4 Gymnasium                                      | 81.70  |              |
|   | 7.5 Library/Resource Areas                         | -55.80   |              |
|   | 7.6 Administration/Staff Areas                     | -229.70  |              |
|   | 7.7 CTS Areas                                      | 0  |              |
|   | 7.8 Other Non-Instructional Areas (incl. gross-up) | 217.9  |              |
|   | Overall School Conditions & Estim. Costs           | -90.90   | \$181,000.00 |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 1 | Site Conditions   | Rating | Comments/Concerns   | Estim. Cost          |
|-----------|---|--------|---|----------------------|
| 1.1       | <b>General Site Conditions</b>  |        | <u>Description/Condition</u>  |                      |
| 1.1.1     | Overall site size.  | 4      | Site facing 1 street.<br>Adequate.  |                      |
| 1.1.2     | Outdoor athletic areas.   | 4      | Open field with 1 set of soccer goal posts, 1 set of hockey goal posts and 2 baseball backstops maintained by the City of Edmonton.<br>2 sets of basketball backstops on asphalt pads on west and north sides of school.  |                      |
| 1.1.3     | Outdoor playground areas, including condition of equipment and base.                        | 4      | No outdoor playground equipment.  |                      |
| 1.1.4     | Site landscaping.   | 4      | Trees, flower bed and shrubs in the front lawn.   |                      |
| 1.1.5     | Site accessories (i.e., perimeter and other fencing, guard rails, bike stands, flag poles). | 4      | Chain link fences installed for east, north and west sides of open field.<br>Bike rack provided.<br>Three flag poles installed.   |                      |
| 1.1.6     | Surface drainage conditions (i.e., drains away from building, signs of ponding).            | 3      | Ponding around the school especially in north of portables. Need new grading around the building and portables.<br>6 catch basins were seen. (1 in parking lot; 2 on front driveway; 2 on north of portables; 1 on west of portables.)<br>Catch basins were blockaded on north of Portables 107 and 108. Clean underground storm water lines. | \$20,000.00          |
| 1.1.7     | Evidence of sub-soil problems.  | 3      | Settled and cracked sidewalk at all exits.  | Included in<br>1.3.4 |
| 1.1.8     | Safety and security concerns due to site conditions.  | 2      | Front entrance slab was heaved during winter and barrier free access was impossible.<br>Repair front entrance slab.   | \$5,000.00           |
| Other     |   |        |   |                      |
| 1.2       | <b>Access/Drop-Off Areas/Roadways/Bus Lanes</b>   |        | <u>Description/Condition</u>  |                      |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 1 | Site Conditions  | Rating | Comments/Concerns  | Estim. Cost |
|-----------|--|--------|--|-------------|
| 1.2.1     | Vehicular and pedestrian access points (i.e., size, number, visibility, safety). | 4      | One access for entry and exit from 91 Street for staff parking lot.<br>One access for entry and one exit from 91 Street for bus loading and unloading in front of the school.  |             |
| 1.2.2     | Surfacing of on-site road network (note whether asphalt or gravel).              | 4      | Asphalt paving.  |             |
| 1.2.3     | Bus lanes/drop-off areas (note whether on-site or off-site).                     | 4      | On-site bus loading and unloading driveway for 4 buses in front of school.   |             |
| 1.2.4     | Fire vehicle access.   | 4      | None.  |             |
| 1.2.5     | Signage.   | 4      | Building signage installed.<br>Staff parking signage installed.<br>Custodian parking signage installed.<br>Bus loading and unloading zone signage installed.<br>Visitor parking signage installed.<br>Handicapped stall signage installed. |             |
| Other     |  |        |  |             |

| Section 1 | Site Conditions  | Rating | Comments/Concerns   | Estim. Cost |
|-----------|--|--------|---|-------------|
| 1.3       | Parking Lots and Sidewalks   |        | <u>Description/Condition</u>  |             |
| 1.3.1     | Number of parking spaces for staff, students and visitors (including stalls for disabled persons). | 4      | 28 marked staff parking stalls.<br>4 custodian parking stalls.<br>4 visitor parking stalls.<br>1 handicapped parking stalls |             |
| 1.3.2     | Layout and safety of parking lots.   | 4      | No apparent problem.  |             |
| 1.3.3     | Surfacing and drainage of parking lots (note whether asphalt or gravel).                           | 4      | Cracked asphalt paving.<br>1 catch basin was seen.  |             |
| 1.3.4     | Layout and safety of sidewalks.  | 3      | Sidewalks settled and cracked.<br>Repair sidewalks.   | \$10,000.00 |
| 1.3.5     | Surfacing and drainage of sidewalks (note type of material).                                       | 4      | Concrete sidewalk. (See 1.3.4)  |             |
| 1.3.6     | Curb cuts and ramps for barrier free access.   | 4      | Curb cuts for barrier free access at entrance; north of bus driveway; south of school.                                      |             |
| Other     |  |        |   |             |
|           | Site Condition Estimated Costs   |        |   | \$35,000.00 |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 2 | Building Exterior   | Rating | Comments/Concerns |  | Estim. Cost |
|-----------|---|--------|-------------------|--|-------------|
| 2.1       | Overall Structure   |        | Bldg.<br>Section  | Description/Condition  |             |
| 2.1.1     | Floor structure and beams (i.e., signs of bending, cracking, heaving, settlement, voids, rust, stains). | 3      | 1991              | Repair cracked floor in Boys bathroom near Classroom 4.<br>Replace cracked quarry tiles with new tiles at front entrance vestibule and front lobby.  | \$12,000.00 |
| 2.1.2     | Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains).         | 4      | 1991              | Exterior steel circular columns at the front are in good condition.<br>Ribbed concrete blocks have some water stains near Classrooms 3 and 4. (See 2.3.1)<br>Concrete blocks of Gymnasium are in good condition except one damaged one. (See 2.3.1)<br>Concrete blocks in other areas are in good condition except one cracked near Classroom 4. (See 2.3.1) |             |
| 2.1.3     | Roof structure (i.e., signs of bending, cracking, voids, rust, stains).                                 | 4      | 1991              | Exposed OWSJ and metal deck in Gymnasium, Music Room.<br>All areas were covered with suspended ceiling tiles.  |             |
| Other     |   |        |                   |  |             |

| Section 2 | Building Exterior   | Rating | Comments/Concerns             |   | Estim. Cost |
|-----------|---|--------|-------------------------------|---|-------------|
| 2.2       | <b>Roofing and Skylights</b><br><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). | 4      | 1991                          | Metal roofing and SBS torched on roofing for two north wings in good condition. Built-up roof for central and south portions of school in good condition. |             |
| 2.2.2     | Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads).   | 4      | 1991                          | Short stair and access door to lower roof from Mezzanine floor Mechanical Room. Cat ladder to upper roof of Gymnasium.                                    |             |
| 2.2.3     | Control of ice and snow falling from roof.  | 3      | 1991                          | Icicles built up at the eaves of metal roof at Classrooms 3 and 4. Install new eave troughs and downspouts.   | \$2,000.00  |
| 2.2.4     | Skylights (i.e., signs of distress, leaks, ice build-up, condensation, deteriorated materials/seals).   | 4      | 1991                          | 7 skylights. No apparent problem.   |             |
| Other     |   |        |                               |   |             |



| Section 2 | Building Exterior   | Rating | Comments/Concerns |   | Estim. Cost       |
|-----------|---|--------|-------------------|---|-------------------|
| 2.3       | Exterior Walls/Building Envelope  |        | Bldg.<br>Section  | Description/Condition   |                   |
| 2.3.1     | Exterior wall finishes (i.e., signs of deterioration, cracks, brick spalling, effluorescence, water stains).                          | 3      | 1991              | Ribbed concrete blocks have water stains especially at the cozy corners of Classrooms 3 and 4.<br>Replace one damaged concrete block on the west wall of Gymnasium.<br>Replace one cracked concrete block in bathroom near Classroom 4.             | \$3,000.00        |
| 2.3.2     | Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint).   | 4      | 1991              | Stucco soffit at main entrance in good condition.<br>Metal flashing 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      | 1991              | Ribbed concrete blocks have water stains especially at the cozy corners of Classrooms 3 and 4.  |                   |
| 2.3.4     | Interface of roof drainage and ground drainage systems.   | 3      | 1991              | Install new eave troughs and downspouts and concrete splashpads.  | Included in 2.2.3 |
| 2.3.5     | Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots).   | 4      | 1991              | Drywall has no water mark nor cracks.<br>Drywall covered with students' art works.  |                   |
| Other     |   |        |                   |   |                   |
| 2.4       | Exterior Doors and Windows  |        | Bldg.<br>Section  | Description/Condition   |                   |
| 2.4.1     | Doors (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure).                 | 3      | 1991              | Metal front entrance doors in good condition.<br>Wood exit doors connecting portables need repair and repaint.<br>Metal exit doors near Classrooms 2, 4 need repaint.<br>All exit doors need new weatherstrips.<br>Caulking around some exit doors. | \$4,100.00        |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 2 | Building Exterior   | Rating | Comments/Concerns |   | Estim. Cost        |
|-----------|---|--------|-------------------|---|--------------------|
| 2.4.2     | Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).                 | 3      | 1991              | Door hinges and closers for all exterior metal doors to be readjusted.  | \$1,000.00         |
| 2.4.3     | Exit door hardware (i.e., safety and/or code concerns).   | 4      | 1991              | Panic bolts in good condition.  |                    |
| 2.4.4     | Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure). | 3      | 1991              | Dirt found between glazing typical. Gaskets need replacement e.g. Classrooms 1, 3, 4, 5, 6, 7 and administration area.<br>Caulking around some windows is required. | \$16,000.00        |
| 2.4.5     | Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices).               | 3      | 1991              | Operable aluminum window latches in good condition.<br>Some curtains over windows need repair.  | \$1,500.00         |
| 2.4.6     | Building envelope (i.e., signs of heavy condensation on doors or windows).  | 3      | 1991              | Some water marks on wood window sills. Repair window sills.   | Included in 3.2.5  |
| Other     |   |        |                   |   |                    |
|           | <b>Building Exterior Estimated Costs</b>  |        |                   |   | <b>\$39,600.00</b> |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 3 | Building Interior   | 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      | 1991              | Concrete block walls have minor cracks at north east corner in Classroom 2 and near exit in Gymnasium.<br>Sliding folding partition between Music Room and central multipurpose area in good condition.  |                   |
| 3.1.2     | Floors (i.e., signs of cracks, heaving, settlement).                            | 4      | 1991              | Cracked floor in Boys bathroom near Classroom 4.<br>Cracked quarry tiles at front entrance vestibule and front lobby.  | Included in 2.3.1 |
| Other     |   |        |                   |  |                   |
| 3.2       | Materials and Finishes  |        | Bldg. Section     | Description/Condition  |                   |
| 3.2.1     | Floor materials and finishes.   | 3      | 1991              | Carpet has normal wear and tear condition in Classrooms 3, 5, 6, 12 and Library.<br>Carpet stained in Classrooms 1, 2, 4, 7, 9 and Resource Room. Replace carpet.<br>Maple on perma-cushion in Gymnasium in good condition.<br>Vinyl sheet scratched and stained e.g. Classrooms 3, 4, Custodian Storage, Staff Room and Mezzanine area. Repair vinyl sheet. | \$20,000.00       |
| 3.2.2     | Wall materials and finishes.  | 3      | 1991              | Drywall needs repair and repaint, e.g. AV Storage Room.<br>Concrete block walls in Gymnasium, Gym. Storage, Mezzanine, corridors need repaint.<br>Acoustic concrete blocks in Gym. in good condition.<br>Wall paper in cozy corners in classrooms covered with students' work.   | \$6,000.00        |
| 3.2.3     | Ceiling materials and finishes.   | 3      | 1991              | Exposed OWSJ and metal deck in Gym. and Music Room in good condition.<br>Replacement of stained suspended ceiling tiles in 2, 3, 5, 7, 9, 10, Staff Room.  | \$6,000.00        |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 3 | Building Interior   | Rating | Comments/Concerns    |  | Estim. Cost |
|-----------|---|--------|----------------------|--|-------------|
| 3.2       | Materials and Finishes (cont'd)   |        | <u>Bldg. Section</u> | <u>Description/Condition</u>   |             |
| 3.2.4     | Interior doors and hardware.  | 3      | 1991                 | Interior wood doors need repaint.<br>Repaint metal door frames, e.g. Classrooms 7, 10; and metal doors.<br>Some door hinges need readjustment and door locks need repair, e.g. Principal's office, Infirmary.  | \$15,000.00 |
| 3.2.5     | Millwork.   | 3      | 1991                 | Some countertop plastic laminate finish chipped and scratched, e.g. Staff Room, Women Staff washroom, classrooms. Repair countertop finish.<br>Cabinet doors catch each others. Cabinet door hinges need adjustment. e.g. Library 210, 206.<br>Wood window sills need repair, e.g. Staff Room, Vice Principal's office, Library. | \$15,000.00 |
| 3.2.6     | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs). | 4      | 1991                 | Chalkboards in good condition.<br>Tackboards in good condition.  |             |
| 3.2.7     | Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment).     | 4      | 1991                 | Climbing rack in Gymnasium.  |             |
| 3.2.8     | Washroom materials and finishes.  | 4      | 1991                 | Different types washroom finishes:<br>Ceramic tiles behind basins.<br>Concrete block walls in good condition.<br>Drywall ceiling in good condition.<br>Quarry tiles in good condition.<br>Suspended ceiling tiles in Staff washrooms.<br>Vinyl sheet in Staff washrooms.   |             |
| Other     |   |        |                      |  |             |

| Section 3 | Building Interior  | Rating  | Comments/Concerns |                       | Estim. Cost  |  |
|-----------|--|---|-------------------|-----------------------|--|--|
| 3.3       | Health and Safety Concerns --- <i>Intent is to identify renovations considered necessary to meet applicable codes, primarily due to safety concerns. Basis of evaluation should be an up-to-date inspection report from the authority having jurisdiction together with direct observations as appropriate. Evaluator should note if in his opinion a comprehensive code evaluation is</i> |   | Bldg. Section     | Description/Condition |  |  |
|           |  |   |                   |                       |  |  |
|           | 3.3.1  | Building construction type - combustible or non-combustible, sprinklered or non-sprinklered.                              | 4                 | 1991                  | Non combustible and sprinklered.   |  |
|           | 3.3.2  | Fire separations (i.e., between buildings, wings, zones if non-sprinklered).  | 4                 | 1991                  | Adequate.  |  |
|           | 3.3.3  | Fire resistance rating of materials (i.e., corridor walls and doors).   | 4                 | 1991                  | All classrooms have wood doors and metal frames.   |  |
|           | 3.3.4  | Exiting distances and access to exits.  | 4                 | 1991                  | Adequate.  |  |
|           | 3.3.5  | Barrier-free access.  | 4                 | 1991                  | Barrier free access to Main Entrance.<br>Barrier free access to Gymnasium.<br>1 barrier free access to Infirmary Washroom.<br>No barrier free access to Mezzanine Floor. |  |
|           | 3.3.6  | Availability of hazardous materials audit (i.e., evidence of safety concerns with respect to asbestos, PCB's, chemicals). | 4                 | 1991                  | No known hazardous materials.  |  |
|           | 3.3.7  | Other health and safety concerns (i.e., evidence of excessive noise conditions, air quality problems).                    | 4                 | 1991                  | No apparent problem.   |  |
| Other     |  |   |                   |                       |  |  |
|           | Building Interior Estimated Costs  |   |                   |                       | \$62,000.00  |  |

| Section 4 | Mechanical Systems   | Rating | Comments/Concerns    |   | Estim. Cost |
|-----------|--|--------|----------------------|---|-------------|
| 4.1       | <b>Mechanical Site Services</b>  |        |                      | <u>Description/Condition</u>  |             |
| 4.1.1     | Site drainage systems (i.e., surface and underground systems, catch basins).                             | 4      | 1991                 | Five (5) catch basins located around the site (parking lot, driveway and playground) to collect surface drainage. Roof drainage to city mains. No known problems. |             |
| 4.1.2     | Exterior plumbing systems (i.e., irrigation systems, hose bibbs).  | 4      | 1991                 | No irrigation systems. Hose bibbs located around building. No known problems.   |             |
| 4.1.3     | Outside storage tanks.   | N/A    |                      | No outside storage tanks.   |             |
| Other     |  |        |                      |   |             |
| 4.2       | <b>Fire Suppression Systems</b>  |        | <u>Bldg. Section</u> | <u>Description/Condition</u>  |             |
| 4.2.1     | Fire hydrants and siamese connections.   | 4      | 1991                 | No fire hydrants on site. Siamese connection at front of building for sprinklers. Good condition. No known problems.  |             |
| 4.2.2     | Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems). | 4      | 1991                 | Wet pipe sprinkler system throughout the building. Appears to be in good condition.   |             |
| 4.2.3     | Hand extinguishers, blankets and showers (i.e., in CTS areas).   | 4      | 1991                 | Fire extinguishers in cabinets and wall brackets throughout the building. Regularly checked. No known problems.   |             |
| 4.2.4     | Other special situations (e.g., flammable storage areas, science labs, CTS areas).                       | N/A    |                      | No special fire suppression situations.   |             |
| Other     |  |        |                      |   |             |

| Section 4 | Mechanical Systems  | Rating | Comments/Concerns |  | Estim. Cost |
|-----------|---|--------|-------------------|--|-------------|
| 4.3       | Water Supply and Plumbing Systems   |        | Bldg.<br>Section  | Description/Condition  |             |
| 4.3.1     | Domestic water supply (i.e., pressure, volume, quality note whether municipal or well supply).            | 4      | 1991              | Water pressure and supply appears good. No known problems.   |             |
| 4.3.2     | Water treatment system(s).  | N/A    |                   | There are no softeners nor other forms of domestic water treatment in this school.   |             |
| 4.3.3     | Pumps and valves (including backflow prevention valves).  | 4      | 1991              | Domestic water pumps and valves all appear to be in good condition. There is backflow prevention on the fire protection line. No known problems. |             |
| 4.3.4     | Piping and fittings.  | 4      | 1991              | Domestic water piping and fittings all appear to be in good condition.   |             |
| 4.3.5     | Plumbing fixtures (i.e., toilets, urinals, sinks)   | 4      | 1991              | Toilets, sinks, shower - all appear to be in good condition. No known problems.  |             |
| 4.3.6     | Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation). | 4      | 1991              | Tank type water heater. Jetglas, 70 gallon. Appears to be in good condition.   |             |
| 4.3.7     | Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic).  | 4      | 1991              | There are no sumps in this school. Sanitary and storm sewers appear to be in good condition. No known problems.                                  |             |
| 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).                         | 4      | 1991              | Hot water (Glycol) boilers - 2- Raypak model E1631 WTD-N-2P, 1467 mbh input. They seem to be of adequate capacity for the building. No known problems. |             |
| 4.4.2     | Heating controls (including use of current energy management technology).             | 4      | 1991              | "Andover" controls. Seem to be working well - no known problems.   |             |
| 4.4.3     | Fresh air for combustion and condition of the combustion chimney.                     | 4      | 1991              | Chimney in good condition. Combustion air duct in to boiler room from roof. No known problems.   |             |
| 4.4.4     | Treatment of water used in heating systems.   | 4      | 1991              | Glycol manually pumped into system from storage barrel. Chemical pot feeder. No known problems.  |             |
| 4.4.5     | Low water cutoff/pressure relief valves and failure alarms (i.e., hot water heating). | 4      | 1991              | No known problems.   |             |
| 4.4.6     | Heating air filtration systems and filters.   | N/A    |                   | No heating system air filtration in this school.   |             |
| 4.4.7     | Heating humidification systems and components.  | N/A    |                   | No heating system humidification in this school.   |             |



School Facility Evaluation Project  
Part III - Space Adequacy

| Section 4 | Mechanical Systems  | Rating | Comments/Concerns |   | Estim. Cost |
|-----------|---|--------|-------------------|---|-------------|
| 4.4       | Heating Systems (cont'd)  |        | Bldg.<br>Section  | Description/Condition   |             |
| 4.4.8     | Heating distribution systems (i.e., piping, ductwork) and associated components (i.e., diffusers, radiators). | 4      | 1991              | Piping and radiation appear to be in good condition. Similarly, reheat coils in ductwork and Grundfos circulation pumps all appear to be in good condition. |             |
| 4.4.9     | Heating piping, valve and/or duct insulation.   | 4      | 1991              | Observed portions of Heating piping insulation appears to be in good condition.   |             |
| 4.4.10    | Heat exchangers.  | N/A    |                   | No heating system heat exchangers in this school.   |             |
| 4.4.11    | Heating mixing boxes, dampers and linkages.   | N/A    |                   | No heating system mixing boxes, dampers nor linkages in this school.  |             |
| 4.4.12    | Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces). | 4      | 1991              | Heating distribution appears good throughout the school. No known problems.   |             |
| 4.4.13    | Zone/unit heaters and controls.   | 4      | 1991              | Force flow units in entrance ways as well as Unit heaters in service spaces. No known problems.   |             |
| Other     |   |        |                   |   |             |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 4 | Mechanical Systems   | Rating | Comments/Concerns |   | Estim. Cost |
|-----------|--|--------|-------------------|---|-------------|
| 4.5       | Ventilation Systems  |        | Bldg.<br>Section  | Description/Condition   |             |
| 4.5.1     | Air handling units capacity and condition.   | 4      | 1991              | All air handling units are of good quality, well maintained and in good condition. No known problems.   |             |
| 4.5.2     | Outside air for the occupant load (if possible, reference CFM/occupant).               | 4      | 1991              | System was likely designed for approx. 15 cfm of O/A per occupant. Detailed airflow quantities are unavailable. No reports of adverse conditions.       |             |
| 4.5.3     | Air distribution system (if possible, reference number of air changes/hour).           | 4      | 1991              | System was likely designed for approx. 1 cfm / sq.ft., total supply air. Detailed airflow quantities are unavailable. No reports of adverse conditions. |             |
| 4.5.4     | Exhaust systems capacity and condition.  | 4      | 1991              | Exhaust fans serving classrooms, gymnasium and washrooms - no known problems.   |             |
| 4.5.5     | Separation of out flow from air intakes.   | 4      | 1991              | Separation of air outflows and intakes appear good.   |             |
| 4.5.6     | Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas). | 4      | 1991              | Residential range hood in kitchen. Appears to be working well. No known problems.   |             |
| Other     |  |        |                   |   |             |

| Section 4 | Mechanical Systems   | Rating | Comments/Concerns |   | Estim. Cost |
|-----------|--|--------|-------------------|---|-------------|
| 4.5       | Ventilation Systems (cont'd)   |        | Bldg.<br>Section  | Description/Condition   |             |
|           | <i>Note: Only complete the following items if there are separate ventilation and heating systems.</i>        |        |                   |   |             |
| 4.5.7     | Ventilation controls (including use of current energy management technology).                                | 4      | 1991              | "Andover" controls - appear to be working well. No known problems.                        |             |
| 4.5.8     | Air filtration systems and filters.  | 4      | 1991              | Air filters changed regularly. Manometer filter gauges installed on air handling units.   |             |
| 4.5.9     | Humidification system and components.  | N/A    |                   | No humidification used on ventilation system.   |             |
| 4.5.10    | Heat exchangers.   | N/A    |                   | No heat exchangers installed on ventilation system.                                       |             |
| 4.5.11    | Ventilation distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages). | 4      | 1991              | Ductwork, dampers and linkages all appear to be in good working order. No known problems. |             |
| Other     |  |        |                   |   |             |

| Section 4 | Mechanical Systems  | Rating | Comments/Concerns |  | Estim. Cost |
|-----------|---|--------|-------------------|--|-------------|
| 4.6       | Cooling Systems   |        | Bldg.<br>Section  | Description/Condition  |             |
| 4.6.1     | Cooling system capacity and condition (i.e., chillers, cooling towers, condensers).                     | N/A    |                   | No cooling systems installed in this school.   |             |
| 4.6.2     | Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages) | N/A    |                   | No cooling systems installed in this school.   |             |
| 4.6.3     | Cooling system controls (including use of current energy management technology).                        | N/A    |                   | No cooling systems installed in this school.   |             |
| 4.6.4     | Special/dedicated cooling systems (i.e., labs, CTS areas).  | N/A    |                   | No cooling systems installed in this school.   |             |
| Other     |   |        |                   |  |             |
| 4.7       | Building Control Systems  |        | Bldg.<br>Section  | Description/Condition  |             |
| 4.7.1     | Building wide/system wide control systems and/or energy management systems.                             | 4      | 1991              | Andover controls on heating system and ventilation system. Refer to items 4.4.2 and 4.5.7. |             |
|           | Mechanical Systems Estimated Costs  |        |                   |  | \$0.00      |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 5 | Electrical Systems   | Rating | Comments/Concerns   |  | Estim. Cost |
|-----------|--|--------|---|--|-------------|
| 5.1       | <b>Site Services</b>   |        | <u>Description/Condition</u>  |  |             |
|           | 5.1.1 Primary service capacity and reliability (i.e., access, location, components, installation, bus sizes - note whether overhead or underground). | 4      | Underground service from on-site pad mounted transformer. Installation is satisfactory. Main Switchboard: 800A, 120/208V, 3PH, 4W, c/w 800A main breaker. Ample spare breaker capacity.   |  |             |
|           | 5.1.2 Site and building exterior lighting (i.e., safety concerns).   | 4      | Building mounted fixtures. Fixture are of the H.I.D. type. Coverage is adequate and no safety concerns expressed.   |  |             |
|           | 5.1.3 Vehicle plug-ins (i.e., number, capacity, condition).  | 4      | Approx. 40 energized parking stalls have been provided. Plug-ins are rail mounted and are in good condition. Vehicle plug-ins are timer and temperature controlled.   |  |             |
|           | Other  |        |   |  |             |
| 5.2       | <b>Life Safety Systems</b>   |        | <b>Bldg. Section</b> <u>Description/Condition</u>   |  |             |
|           | 5.2.1 Fire and smoke alarm systems (i.e., safety concerns, up-to-date technology, regularly tested).   | 4      | All Edwards 6632 system. Zoned, supervised and monitored. Condition is good and system is tested annually, and device coverage and location are satisfactory. Ample spare capacity in the system.   |  |             |
|           | 5.2.2 Emergency lighting systems (i.e., safety concerns, condition).   | 4      | All Emergency lighting is provided by battery packs and remote heads. Coverage is satisfactory. All packs operational.  |  |             |
|           | 5.2.3 Exit lighting and signage (i.e., safety concerns, condition).  | 4      | All Illuminated exit signs have been provided over each required exit as per the requirements of the building code. Exit signs are of the incandescent type and in satisfactory condition and all signs are provided DC power from the battery packs. |  |             |
|           | Other  |        |   |  |             |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 5 | Electrical Systems   | Rating | Comments/Concerns |   | Estim. Cost |
|-----------|--|--------|-------------------|---|-------------|
| 5.3       | Power Supply and Distribution  |        | Bldg.<br>Section  | Description/Condition   |             |
| 5.3.1     | Power service surge protection.  | 3      | All               | None provided; concern expressed about power spikes.<br><br>Provide surge suppression.  | \$3,500.00  |
| 5.3.2     | Panels and wireways capacity and condition.                            | 4      | All               | Breaker panels have been provided throughout the school for utilization of power.<br>All panels are in satisfactory condition, well identified, and c/w directories.<br>All panels have spare breaker spaces. |             |
| 5.3.3     | Emergency generator capacity and condition and/or UPS (if applicable). | N/A    |                   | N/A   |             |
| 5.3.4     | General wiring devices and methods.                                    | 4      | All               | Receptacles of the duplex type have been provided throughout the school including classrooms.<br>Receptacles are in satisfactory condition. Adequate number of receptacles have been provided.                |             |
| 5.3.5     | Motor controls.  | 4      | All               | Wall mounted starters have been provided for motor control. Installation and operation satisfactory.  |             |
| Other     |  |        |                   |   |             |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 5 | Electrical Systems  | Rating | Comments/Concerns |  | Estim. Cost |
|-----------|---|--------|-------------------|--|-------------|
| 5.4       | Lighting Systems  |        | Bldg.<br>Section  | Description/Condition  |             |
| 5.4.1     | Interior lighting systems and components (i.e., illumination levels, conditions, controls). | 4      | All               | Fluorescent fixtures have been provided throughout the school. Fluorescent fixtures for the most part are c/w T12 lamps and standard ballast's. Fixtures are in generally good condition. Illumination levels are as follows:<br>Classrooms: 65 to 75 fc<br>Hallways: 25 to 40 fc<br>Washrooms: 35 fc<br>Staff Rooms: 65 fc<br>Gymnasium: 40 to 45 fc<br>Administration: 70 to 85 fc<br>Computer Lab: 55 fc. |             |
| 5.4.2     | Replacement of ballast's (i.e., health and safety concerns).                                | 4      | All               | Standard ballast's.<br>Unlikely that any ballast's contain PCB's.<br>No safety concerns expressed.   |             |
| 5.4.3     | Implementation of energy efficiency measures and recommendations.                           | 4      | All               | Recommend to replace existing fixtures with new T8/electronic ballast fluorescent fixtures as existing fail and need replacing.<br><br>As existing exit lights fail, and need replacing they should be replaced with LED type exit lights.   |             |
| Other     |   |        |                   |  |             |

| Section 5 | Electrical Systems   | Rating | Comments/Concerns |  | Estim. Cost |
|-----------|--|--------|-------------------|--|-------------|
| 5.5       | Network and Communication Systems  |        | Bldg.<br>Section  | Description/Condition  |             |
| 5.5.1     | Telephone system and components (i.e., capacity, reliability, condition).                              | 4      | All               | Meridian telephone system has been provided. System is adequate, no concerns expressed.      |             |
| 5.5.2     | Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV).             | 4      | All               | PA/intercom system has been provided. System is adequate and operation is satisfactory.      |             |
| 5.5.3     | Network cabling (if available, should be Category 5 or better).  | 4      | All               | Cat. 5 cabling has been provided; data outlets have been provided in classrooms.             |             |
| 5.5.4     | Network cabling installation (i.e., in conduit, secured to walls or tables).                           | 4      | All               | Data cabling installation is satisfactory. Combination of wiring in conduit and open wiring. |             |
| 5.5.5     | Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth). | 4      | All               | Installation is satisfactory. Area is well ventilated and there is capacity for growth.      |             |
| 5.5.6     | Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers).              | 4      | All               | Dedicated circuits have been provided for data equipment.                                    |             |
| Other     |  |        |                   |  |             |



| Section 5 | Electrical Systems   | Rating | Comments/Concerns |  | Estim. Cost |
|-----------|--|--------|-------------------|--|-------------|
| 5.6       | Miscellaneous Systems  |        | Bldg.<br>Section  | Description/Condition  |             |
| 5.6.1     | Site and building surveillance system (if applicable).   | N/A    |                   | N/A  |             |
| 5.6.2     | Intrusion alarms (if applicable).  | 4      | All               | Intrusion alarm has been provided. System consists of motion sensors, door contacts, etc. System is monitored and operation is satisfactory. |             |
| 5.6.3     | Master clock system (if applicable).   | 4      | All               | No master clock system provided. Electric clocks have been provided in all areas.  |             |
| Other     |  |        |                   |  |             |
| 5.7       | Elevators/Disabled Lifts (If applicable)   |        | Section           | Description/Condition  |             |
| 5.7.1     | Elevator/lift size, access and operating features (i.e., sensing devices, buttons, phones, detectors). | N/A    |                   | N/A  |             |
| 5.7.2     | Condition of elevators/lifts.  | N/A    |                   | N/A  |             |
| 5.7.3     | Lighting and ventilation of elevators/lifts.   | N/A    |                   | N/A  |             |
| Other     |  |        |                   |  |             |
|           | Electrical Systems Estimated Costs   |        |                   |  | \$3,500.00  |

| Section 6 | Portable Buildings   | Rating | Comments/Concerns   | Estim. Cost       |
|-----------|--|--------|---|-------------------|
|           | <i>Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.</i>         |        | <b>Detached on North Side (1 unit - 205)</b>  |                   |
| 6.1.1     | Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).                                    | 4      | No apparent problem.  |                   |
| 6.1.2     | Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).   | 4      | SBS torched on roofing in good condition.   |                   |
| 6.1.3     | Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).   | 3      | Wood sidings and wood siding fascia need repaint.<br>Plywood baseboards need repair.  | \$1,500.00        |
| 6.1.4     | Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).                  | 3      | Repair wood exit door and hardware.<br>Repaint wood doors and frames.<br>Aluminum windows need cleaning. Vinyl horizontal blinds need repair.                       | \$1,200.00        |
| 6.1.5     | Interior finishes (i.e., floors, walls, ceiling).  | 3      | Vinyl tiles in wear and tear condition.<br>Prefinished drywall has pin holes.<br>Suspended ceiling tiles stained in classroom and vestibule. Replace ceiling tiles. | \$1,000.00        |
| 6.1.6     | Millwork (i.e., counters, shelving, vanities, cabinets).   | 3      | Millwork needs repair.  | \$1,000.00        |
| 6.1.7     | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).  | 4      | Whiteboards in good condition.  |                   |
| 6.1.8     | Heating system.  | 4      | Natural gas fired furnaces are older, but in working order. No known problems. These provide heating and ventilation to the portable classrooms.                    |                   |
| 6.1.9     | Ventilation system.  | 4      | Refer to section 6.1.8, above.  |                   |
| 6.1.10    | Electrical, communication and data network systems.  | 4      | Electrical systems in the portables are satisfactory.   |                   |
| 6.1.11    | Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials). | 4      | No apparent problem.  |                   |
| 6.1.12    | Barrier-free access.   | 4      | Barrier-free access from corridor.  |                   |
|           | <b>Portable Buildings Estimated Costs</b>  |        |   | <b>\$4,700.00</b> |
|           | <i>Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.</i>         |        | <b>Detached on North Side (2 units - 135 &amp; 136)</b>   |                   |
| 6.1.1     | Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).                                    | 4      | No apparent problem.  |                   |

| Section 6 | Portable Buildings   | Rating | Comments/Concerns  | Estim. Cost |
|-----------|--|--------|--|-------------|
| 6.1.2     | Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).   | 4      | SBS torched on roofing in good condition.  |             |
| 6.1.3     | Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).   | 3      | Wood sidings and wood siding fascia need repaint.<br>Plywood baseboards need repair.   | \$1,500.00  |
| 6.1.4     | Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).                  | 3      | Repair metal exit doors and hardware.<br>Repaint wood doors and frames.<br>Aluminum windows need cleaning. Vinyl horizontal blinds need repair.                              | \$1,200.00  |
| 6.1.5     | Interior finishes (i.e., floors, walls, ceiling).  | 3      | Vinyl tiles in wear and tear condition.<br>Drywall in both portables needs repaint.<br>Suspended ceiling tiles stained on north side in Portable 136. Replace ceiling tiles. | \$1,300.00  |
| 6.1.6     | Millwork (i.e., counters, shelving, vanities, cabinets).   | 3      | Millwork countertop and shelves need repair.   | \$1,000.00  |
| 6.1.7     | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).  | 4      | Whiteboards in good condition.   |             |
| 6.1.8     | Heating system.  | 4      | Natural gas fired furnaces are older, but in working order. No known problems. These provide heating and ventilation to the portable classrooms.                             |             |
| 6.1.9     | Ventilation system.  | 4      | Refer to section 6.1.8, above.   |             |
| 6.1.10    | Electrical, communication and data network systems.  | 4      | Electrical systems in the portables are satisfactory.  |             |
| 6.1.11    | Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials). | 4      | No apparent problem.   |             |
| 6.1.12    | Barrier-free access.   | 4      | Barrier-free access from corridor.   |             |
|           | <b>Portable Buildings Estimated Costs</b>  |        |  | \$5,000.00  |
|           | <b>Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.</b>         |        | <b>Detached on North Side (2 units - 183 &amp; 184)</b>  |             |
| 6.1.1     | Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).                                    | FI     | Floor not leveled in Portable 183.   |             |
| 6.1.2     | Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).   | 4      | SBS torched on roofing in good condition.  |             |
| 6.1.3     | Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).   | 3      | Wood sidings and wood siding fascia need repaint.<br>Plywood baseboards need repair.   | \$1,500.00  |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 6 | Portable Buildings   | Rating | Comments/Concerns  | Estim. Cost |
|-----------|--|--------|--|-------------|
| 6.1.4     | Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).                  | 3      | Repair wood exit door and hardware in Portable 184.<br>Repaint 20 min. fire rated wood doors and metal frames in Portable 183.<br>Aluminum windows need cleaning. Vinyl horizontal blinds with damaged controls need repair. | \$1,300.00  |
| 6.1.5     | Interior finishes (i.e., floors, walls, ceiling).  | 3      | Vinyl tiles in wear and tear condition.<br>Prefinished drywall has pin holes.<br>Suspended ceiling tiles stained in classroom and vestibule in Portable 184. Replace ceiling tiles.  | \$1,000.00  |
| 6.1.6     | Millwork (i.e., counters, shelving, vanities, cabinets).   | 3      | Millwork needs repair.   | \$1,000.00  |
| 6.1.7     | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).  | 4      | Whiteboards in good condition.   |             |
| 6.1.8     | Heating system.  | 4      | Natural gas fired furnaces are older, but in working order. No known problems. These provide heating and ventilation to the portable classrooms.   |             |
| 6.1.9     | Ventilation system.  | 4      | Refer to section 6.1.8, above.   |             |
| 6.1.10    | Electrical, communication and data network systems.  | 4      | Electrical systems in the portables are satisfactory.  |             |
| 6.1.11    | Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials). | 4      | No apparent problem.   |             |
| 6.1.12    | Barrier-free access.   | 4      | Barrier-free access from corridor.   |             |
|           | <b>Portable Buildings Estimated Costs</b>  |        |  | \$4,800.00  |
|           | <b>Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.</b>         |        | <b>Detached on North Side (2 units - 107 &amp; 108)</b>  |             |
| 6.1.1     | Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).                                    | 4      | No apparent problem.   |             |
| 6.1.2     | Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).   | 3      | Built-up roofing need repair.  | \$8,000.00  |
| 6.1.3     | Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).   | 3      | Wood sidings and wood siding fascia need repaint.<br>Plywood baseboards need repair.   | \$1,500.00  |
| 6.1.4     | Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).                  | 3      | Repair wood exit door and hardware.<br>Repaint wood doors and frames.<br>Aluminum windows need cleaning. Vinyl horizontal blinds need repair.  | \$1,200.00  |
| 6.1.5     | Interior finishes (i.e., floors, walls, ceiling).  | 3      | Vinyl tiles in wear and tear condition in both Portables.<br>Prefinished drywall need repair.<br>Suspended ceiling tiles stained in classroom and vestibule in Portable 107. Replace ceiling tiles.                          | \$1,000.00  |

| Section 6 | Portable Buildings   | Rating | Comments/Concerns  | Estim. Cost        |
|-----------|--|--------|--|--------------------|
| 6.1.6     | Millwork (i.e., counters, shelving, vanities, cabinets).   | 3      | Millwork needs repair.   | \$1,000.00         |
| 6.1.7     | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).  | 4      | Whiteboards in good condition.   |                    |
| 6.1.8     | Heating system.  | 4      | Natural gas fired furnaces are older, but in working order. No known problems. These provide heating and ventilation to the portable classrooms.                         |                    |
| 6.1.9     | Ventilation system.  | 4      | Refer to section 6.1.8, above.   |                    |
| 6.1.10    | Electrical, communication and data network systems.  | 4      | Electrical systems in the portables are satisfactory.  |                    |
| 6.1.11    | Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials). | 4      | No apparent problem.   |                    |
| 6.1.12    | Barrier-free access.   | 4      | Barrier-free access from corridor.   |                    |
|           | <b>Portable Buildings Estimated Costs</b>  |        |  | <b>\$12,700.00</b> |
|           | <i><b>Note: Separate sheets can be completed, if necessary, for portable buildings of different ages and/or conditions.</b></i>  |        | <b>Detached on North Side (1 unit - 085)</b>   |                    |
| 6.1.1     | Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains).                                    | 4      | No apparent problem.   |                    |
| 6.1.2     | Roof materials and components (i.e., signs of deterioration, leaks, ice build-up).   | 4      | SBS torched on roofing in good condition.  |                    |
| 6.1.3     | Exterior wall finishes (i.e., signs of deterioration, cracks, water stains).   | 3      | Wood sidings and wood siding fascia need repaint.<br>Plywood baseboards need repair.   | \$1,500.00         |
| 6.1.4     | Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals).                  | 3      | Repair metal exit door and hardware.<br>Repaint wood doors and frames.<br>Aluminum windows need cleaning. Vinyl horizontal blinds need repair.                           | \$1,200.00         |
| 6.1.5     | Interior finishes (i.e., floors, walls, ceiling).  | 3      | Vinyl tiles in wear and tear condition.<br>Prefinished drywall used as tackboards.<br>Suspended ceiling tiles stained in classroom and vestibule. Replace ceiling tiles. | \$1,000.00         |
| 6.1.6     | Millwork (i.e., counters, shelving, vanities, cabinets).   | 3      | Millwork needs repair.   | \$10,000.00        |
| 6.1.7     | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs).  | 4      | Whiteboards in good condition.   |                    |
| 6.1.8     | Heating system.  | 4      | Natural gas fired furnaces are older, but in working order. No known problems. These provide heating and ventilation to the portable classrooms.                         |                    |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 6 | Portable Buildings   | Rating | Comments/Concerns                                     | Estim. Cost |
|-----------|--|--------|---|-------------|
| 6.1.9     | Ventilation system.  | 4      | Refer to section 6.1.8, above.                        |             |
| 6.1.10    | Electrical, communication and data network systems.  | 4      | Electrical systems in the portables are satisfactory. |             |
| 6.1.11    | Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials). | 4      | No apparent problem.                                  |             |
| 6.1.12    | Barrier-free access.   | 4      | Barrier-free access from corridor.                    |             |
|           | <b>Portable Buildings Estimated Costs</b>  |        |   | \$13,700.00 |

School Facility Evaluation Project  
Part III - Space Adequacy

| Section 7 | Space Adequacy   | This Facility |                       |            | Equiv. New Facility |                         |            | Surplus/<br>Deficiency | Comments/Concerns  |
|-----------|--|---------------|-----------------------|------------|---------------------|-------------------------|------------|------------------------|--|
|           |  | No.           | Size                  | Total Area | No.                 | Size                    | Total Area |                        |  |
| 7.1       | Classrooms   | 12<br>8(P)    | 1037.6<br>797.1       | 1834.70    | 6<br>8(P)           | 80<br>111               | 1368.00    | 466.70                 | Use Elementary Core Area Guidelines Capacity 325.<br>(P) = Portable with 111 sq.m. each. |
| 7.2       | Science Rooms/Labs   |               |                       |            | 3                   | 95                      | 285.00     | -285.00                |  |
| 7.3       | Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,)                          |               |                       | 113.30     | 1<br>3              | 130<br>90               | 400.00     | -286.70                |  |
| 7.4       | Gymnasium (incl. gym storage)  | 1<br>1<br>1   | 503.5<br>30.6<br>20.6 | 554.70     |                     | 430<br>43               | 473.00     | 81.70                  |  |
| 7.5       | Library/Resource Areas   |               |                       | 174.20     |                     |                         | 230.00     | -55.80                 |  |
| 7.6       | Administration/Staff, Physical Education, Storage Areas                            |               |                       | 262.30     |                     | 357<br>70<br>65         | 492.00     | -229.70                |  |
| 7.7       | CTS Areas  |               |                       |            |                     |                         |            |                        |  |
|           | 7.7.1 Business Education   |               |                       |            |                     |                         |            | 0.00                   |  |
|           | 7.7.2 Home Economics   |               |                       |            |                     |                         |            | 0.00                   |  |
|           | 7.7.3 Industrial Arts  |               |                       |            |                     |                         |            | 0.00                   |  |
|           | 7.7.4 Other CTS Programs   |               |                       |            |                     |                         |            | 0.00                   |  |
| 7.8       | Other Non-Instructional Areas (i.e., circulation, wall area, crush space, wc area) |               |                       | 1097.90    |                     | 467<br>224<br>126<br>63 | 880.00     | 217.90                 |  |
|           | <b>Overall Space Adequacy Assessment</b>   |               |                       | 4037.10    |                     |                         | 4128.00    | -90.90                 |  |