| School Name | : Ralston | | | | School Code: | Not Known |
|-----------------------|----------------|------------------|----------------------------|--|---|--|
| Location: | Ralston | | | T | Facility Code: | 202 |
| Region: | South | | | | Superintendent: | Keith Jones |
| Jurisdiction: | Prairie | Rose Re | gional Div. #8 | | Contact Person: | Brian Frey |
| | | | | | Telephone: | 403-527-5516 |
| Grades: | K - 9 | | | | School Capacity: | 425 |
| | | | | | | 1999 enrollment 159 |
| 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 | 1950 | 1 | 2060 | Masonry, flat roof, brick exterior. | Multiple hot water boilers, and radiation. Carrier heating, cooling roof top units. | This is a DND school that the Board operates an maintains. |
| Additions/ Expansions | 1953 | 1 | 640 | Same as above. | Part of above | |
| | 1981 | 1 | 220.3 | Same as above. | Part of above | |
| | 1986 | 1 | 560.95 | Same as above. | Part of above | |
| | | | | | | |
| | | | 0 | Portables | | |
| | | 1 | 3481.25 | Total Area | | |
| | | | | | | |
| | | | | | Evaluator's Name: | A. Benson |

Alberta Infrastructure School Facilities Branch

School Facility Evaluation Project Part IV - Additional Notes and Comments

| Upgrading/ | | | No information available. |
|---|-----|---|---------------------------|
| Modernization (identify | | | |
| whether minor or major) | | | |
| | | | |
| | | | |
| | N/A | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Portable Struct. (identify | | | |
| whether | | | |
| attached/perman. or free- standing/ relocatable) | | | |
| Standing/ relocatable/ | | | |
| | | | |
| | N/A | | No portables. |
| | | | |
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| | | | |
| List of Paparts/ | | Mini Plans (no area data available) | |
| Supplementary | | No reports available. | |
| Information | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| List of Reports/ Supplementary Information | | Mini Plans (no area data available). No reports available. | |

| Evaluation Components | Summary Assessment | | | | | | | |
|--|--|----------|--|--|--|--|--|--|
| 1 Site Conditions | Repairs to asphalt parking lot and driveway, and sidewalk repairs. Further investigation for condition of landscape. | | | | | | | |
| 2 Building Exterior | Minor repairs to brick facades and paint to metal flashings. Replacement of original exterior doors. Further investigation for roofing condition and reported leakage of windows. | \$21,65 | | | | | | |
| 3 Building Interior | Replacement of floor finishes in some classrooms, minor wall and ceiling repairs. Replacement of original interior doors. H/C door operators at main entrance. Further investigation for code issues, substandard Basement accommodation and assessment for possible hazardous materials. | | | | | | | |
| 4 Mechanical Systems | Equipment in generally good repair, however ventilation is likely an issue as rooftop units are standard commercial units and do not appear to have any special provision for extra air needed in a school. Sprinkler system appears to need to be extended throughout basement and more exhaust and back flow prevention is needed. Further investigation required for basement sprinklering and fire detectors and adequacy of outside air supply. | | | | | | | |
| 5 Electrical Systems | In generally good repair, however there are some issues that need to be addressed. | | | | | | | |
| 6 Portable Buildings | No portables. | N/ | | | | | | |
| 7 Space Adequacy: | | | | | | | | |
| 7.1 Classrooms | 10 Classrooms provided, 11 required by guideline. | | | | | | | |
| 7.2 Science Rooms/Labs | 1 Room provided, 2 required by guideline. | | | | | | | |
| 7.3 Ancillary Areas | 3 provided as per guideline. | | | | | | | |
| 7.4 Gymnasium | 1 provided as per guideline. | | | | | | | |
| 7.5 Library/Resource Areas | 2 provided, 1 required by guideline. | | | | | | | |
| 7.6 Administration/Staff Areas | No Shower / Dressing areas. | | | | | | | |
| 7.7 CTS Areas | N/A | | | | | | | |
| 7.8 Other Non-Instructional Areas (incl. gross-up) | Calculations not possible - existing floor areas not available at this time. | | | | | | | |
| Overall School Conditions & Estim. Co. | sts | \$147,97 | | | | | | |

| Section 1 | Site Conditions | Rating | Comments/Concerns | Estim. Cost |
|-----------|---|--------|---|-------------|
| 1.1 | General Site Conditions | | | |
| 1.1.1 | Overall site size. | 4 | Adequate, expansion possible. | |
| 1.1.2 | Outdoor athletic areas. | | Track is reported to need some work. This requires further investigation when visible. Ball diamond with native grass. Sand jumping pits c/w shale running lanes. 400 metre shale running track. | |
| | Outdoor playground areas, including condition of equipment and base. | 4 | Satisfactory with pea gravel base. | |
| 1.1.4 | Site landscaping. | F.I. | Grass, no irrigation. South side of school needs work. This requires further investigation when visible. | |
| | Site accessories (i.e., perimeter and other fencing, guard rails, bike stands, flag poles). | 4 | No perimeter fence. | |
| | Surface drainage conditions (i.e., drains away from building, signs of ponding). | 4 | No problems noted. | |
| 1.1.7 | Evidence of sub-soil problems. | 4 | No apparent problems. | |
| 1.1.8 | Safety and security concerns due to site conditions. | 4 | | |
| Other | | | | |

| Section 1 | Site Conditions | Rating | Comments/Concerns | Estim. Cost |
|-----------|--|--------|--|-------------|
| 1.2 | Access/Drop-Off Areas/Roadways/Bus Lanes | | | |
| 1.2.1 | Vehicular and pedestrian access points (i.e., size, number, visibility, safety). | 4 | One access point, satisfactory. | |
| | Surfacing of on-site road network (note whether asphalt or gravel). | 3 | Asphalt paving cracked with low areas, subject to excessive ponding. Estimated area: 1200 m ² . | \$24,000 |
| 1.2.3 | Bus lanes/drop-off areas (note whether on-site or off-site). | 4 | Bus drop-off on main street, off-site. | |
| 1.2.4 | Fire vehicle access. | 4 | Building faces two streets. | |
| 1.2.5 | Signage. | 4 | On building face, visible. | |
| Other | | | | |
| | | | | |

| ection 1 | Site Conditions | Rating | Comments/Concerns | Estim. Cost |
|----------|--|--------|--|-------------|
| 1.3 | Parking Lots and Sidewalks | | | |
| | Number of parking spaces for staff, students and visitors (including stalls for disabled persons). | 4 | Total of 30 parking spaces. | |
| 1.3.2 | Layout and safety of parking lots. | 4 | | |
| 1.3.3 | Surfacing and drainage of parking lots (note whether asphalt or gravel). | 3 | Asphalt, surface drainage poor, costing included in 1.2.2 above. | |
| 1.3.4 | Layout and safety of sidewalks. | 4 | | |
| | Surfacing and drainage of sidewalks (note type of material). | 3 | Concrete sidewalks, some cracked, no ponding noted - 50m ² replacement estimated. | \$5,00 |
| 1.3.6 | Curb cuts and ramps for barrier free access. | 4 | Concrete ramp provided to main entrance. | |
| Other | | | | |
| | Overall Site Conditions & Estimated Costs | | | \$29,00 |

| 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 | | Steel joist with concrete topping over basement areas. Slab on grade in other areas. No apparent problems. | |
| | | | | | |
| 2.1.2 | Wall structure and columns (i.e., signs of bending, cracking, settlement, voids, rust, stains). | 4 | All | Masonry structure, no apparent problems. | |
| | Roof structure (i.e., signs of bending, cracking, voids, rust, stains). | 4 | All | No apparent problems. | |
| | | | | | |
| 2.1.4 | Control/expansion joints. | N/A | | | |
| Oth | | | | | |
| 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 | |
| | 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). | F.I. | All | Combination of 4-ply BUR and 2-ply SBS roofing. Last known roof report was carried out in 1995. At this time some re-roofing was done. A current inspection is warranted. | |
| 2.2.2 | Roof accessories (i.e., ladders, stairs, hatches, masts, exhaust hoods, chimneys, gutters, downspouts, splashpads). | F.I. | All | See 2.2.1 above. | |
| 2.2.3 | Control of ice and snow falling from roof. | N/A | All | Flat roof. | |
| | Skylights (i.e., signs of distress, leaks, ice build-up, condensation, deteriorated materials/seals). | N/A | All | No skylights noted. | |
| Other | | | | | |

| ection 2 | Building Exterior | Rating | | Comments/Concerns | Estim. Cos |
|----------|---|--------|------------------|--|------------|
| 2.3 | Exterior Walls/Building Envelope | | Bldg. Section | Description/Condition | |
| | Exterior wall finishes (i.e., signs of deterioration, cracks, brick spalling, effluorescence, water stains). | 3 | All | All brick exterior, some mortar joint and crack repairs needed. | \$2,5 |
| | Fascias, soffits, parapets (i.e., signs of looseness, stains, rust, peeling paint). | 3 | All | Metal fascias and soffits. Peeling paint on parapet flashings. Estimate 315 L.M. | \$3,1 |
| | Building envelope (i.e., evidence of air infiltration/exfiltration through the exterior wall or ice build up on wall, eaves, canopy). | 4 | All | No apparent problems. | |
| | Interface of roof drainage and ground drainage systems. | 4 | All | | |
| | Inside faces of exterior walls (i.e., signs of cracks, water stains, dust spots). | 4 | All | No apparent problems. | |
| Other | | | | | |
| | | | | | |

| Section 2 | Building Exterior | Rating | | Comments/Concerns | Estim. Cost |
|-----------|---|--------|------------------|--|-------------|
| 2.4 | Exterior Doors and Windows | | Bldg. Section | Description/Condition | |
| | Doors (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure). | 3 | All | Original to building - consideration should be given to upgrading where necessary. | \$16,000 |
| | Door accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices). | 3 | All | Refer to item 2.4.1 above | |
| 2.4.3 | Exit door hardware (i.e., safety and/or code concerns). | 3 | All | Refer to item 2.4.1 above | |
| | Windows (i.e., signs of deterioration, rusting metal, glass cracks, peeling paint, damaged seals, sealed unit failure). | | All | Aluminium windows, have been caulked apparently due to some leakage. | |
| | Window accessories (i.e., latches, hardware, screens, locks, alarms, holders, closers, security devices). | 4 | All | No apparent problems. | |
| | Building envelope (i.e., signs of heavy condensation on doors or windows). | 4 | All | | |
| Other | | | | | |
| | Overall Bldg Exterior Condition & Estim Costs | | | | \$21,650 |

| | Building Interior - Overall Conditions | Rating | | Comments/Concerns | Estim. Cost |
|-------|--|--------|------------------|--|-------------|
| 3.1 | Interior Structure | | Bldg. | | |
| 0.4.4 | Interior conflict and the conflict and t | 4 | Section | Description/Condition | |
| 3.1.1 | Interior walls and partitions (i.e., signs of cracks, spalling, paint peeling). | 4 | All | Generally masonry construction. | |
| 3.1.2 | Floors (i.e., signs of cracks, heaving, settlement). | 4 | All | Refer to 2.1.1 above. | |
| | | | | | |
| Other | | | | | |
| | | | | | |
| | | | | | |
| 3.2 | Materials and Finishes | | Bldg. Section | <u>Description/Condition</u> | |
| 3.2.1 | Floor materials and finishes. | | All | Terrazzo in corridors - good. Carpet worn and needs replacement in some classrooms, estimate 370m ² . V.C. tile in some classrooms - good. Wood floor in gym needs repairs at radiator pipes. V.C. tile in staff room - needs replaced. | \$20,500 |
| | | | | | |
| 3.2.2 | Wall materials and finishes. | 3 | All | Generally plastered walls with paint finish, some repairs needed. | \$5,000 |
| 3.2.3 | Ceiling materials and finishes. | 3 | | Generally plastered ceilings in classrooms with paint finish. 2' x 4' acoustic tile ceiling in corridors, science room, resource room and library. Some minor repairs needed. | \$5,000 |
| | | | | | |

| Section 3 | Building Interior - Overall Conditions | Rating | | Comments/Concerns | Estim. Cost |
|----------------|---|--------|-------------------------|--|-------------|
| 3.2 | Materials and Finishes (cont'd) | | Bldg. <u>Section</u> | Description/Condition | |
| 3.2.4 | Interior doors and hardware. | 3 | All | Mostly hollow metal door with pressed steel frames, some solid core wood doors, original to building consideration should be given to upgrading, (52 units). | \$52,000 |
| 3.2.5 | Millwork | 4 | All | Appears adequate, plastic laminate countertops. | |
| 3.2.6 | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs). | 4 | All | Appears adequate. | |
| 3.2.7 | Any other fixed/mounted specialty items (i.e., CTS equipment, gymnasium equipment). | 4 | All | Climbing bars in gym. No backstops. | |
| 3.2.8 Other | Washroom materials and finishes. | | All | Main floor washrooms materials and finishes are appropriate and in good condition. Basement has only girl's washroom and condition is poor - see 'other' below. Basement used for lunch room, drama classrooms and storage. All finishes are sub-standard and ceiling height at 2080 mm also sub-standard. | |

| 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. | F.I. | Bldg. Section | <u>Description/Condition</u> This facility is sprinklered on the Main Floor but only partially sprinklered in the Basement and fire separations at stairs are not present. Building Code requires this size of school to be sprinklered through. A full code evaluation is recommended. | |
| | Building construction type - combustible or non- combustible, sprinklered or non-sprinklered. | F.I. | All | Non-combustible construction (roof unknown) sprinklered except for portions of basement. Refer to 3.3 above. | |
| | Fire separations (i.e., between buildings, wings, zones if non-sprinklered). | F.I. | All | Refer to 3.3 above. | |
| | Fire resistance rating of materials (i.e., corridor walls and doors). | 4 | All | Masonry walls and rated doors. | |
| 3.3.4 | Exiting distances and access to exits. | 4 | All | | |
| 3.3.5 | Barrier-free access. | 3 | All | No h/c door operators at entrance. Accessible washrooms are provided. | \$4,500 |
| | Availability of hazardous materials audit (i.e., evidence of safety concerns with respect to asbestos, PCB's, chemicals). | F.I. | All | No reports available. | |
| | Other health and safety concerns (i.e., evidence of excessive noise conditions, air quality problems) | N/A | All | None noted. | |
| Other | | | | | |
| | Overall Bldg Interior Condition & Estim Costs | | | | \$87,000 |

| Section 4 | Mechanical Systems | Rating | | Comments/Concerns | Estim. Cost |
|-----------|--|--------|------------------|---|-------------|
| 4.1 | Mechanical Site Services | | | | |
| | Site drainage systems (i.e., surface and underground systems, catch basins). | 4 | | Surface drainage | |
| | Exterior plumbing systems (i.e., irrigation systems, hose bibs). | 3 | | No irrigation. Hose bibs do not have back flow prevention | \$750 |
| 4.1.3 | Outside storage tanks. | N/A | | | |
| Other | | N/A | | | |
| 4.2 | Fire Suppression Systems | | Bldg. Section | Description/Condition | <u> </u> |
| 4.2.1 | Fire hydrants and siamese connections. | 4 | | Two hydrants next to school. Siamese connection | |
| | Fire suppression systems (i.e., pumps, sprinklers, piping, reservoirs, hoses, stand pipes, CO2 systems). | FI | | Partially sprinklered building (partial basement) extend sprinklers to balance basement. | |
| | Hand extinguishers, blankets and showers (i.e., in CTS areas). | 4 | | Fire extinguishers tested June 1999 | |
| | Other special situations (e.g., flammable storage areas, science labs, CTS areas). | N/A | | | |
| Other | | FI | | Many storage areas in basement are not sprinklered nor do they have heat or smoke detectors | |

| Section 4 | Mechanical Systems | Rating | | Comments/Concerns | Estim. Cost |
|-----------|---|--------|------------------|--|-------------|
| | 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 | | Town of Ralston | |
| 4.3.2 | Water treatment system(s). | 4 | | By Town of Ralston | |
| 4.3.3 | Pumps and valves (including backflow prevention valves). | 3 | | 2 meters, no back flow prevention | \$2,000 |
| 4.3.4 | Piping and fittings. | 4 | | No apparent leaks | |
| 4.3.5 | Plumbing fixtures (i.e., toilets, urinals, sinks) | 3 | | R129 needs back flow prevention on laundry sink (art room) | \$250 |
| 4.3.6 | Domestic hot water system (i.e., heater, storage tanks, failure alarms, pressure, volume, recirculation). | 4 | | John Wood Electric 3000 watt John Wood gas 38,000 BTU/HR 26 gallon | |
| 4.3.7 | Sanitary and storm sewers, including sumps and pits (note whether sewage system is municipal or septic). | 4 | | Sewers system Town of Ralston. Sump in boiler room | |
| Other | | N/A | | | |

| 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 | | 5 Weil McLain 427,000 BTU/HR 2 pumps | |
| 4.4.2 | Heating controls (including use of current energy management technology. | 4 | | Metasis DDC | |
| 4.4.3 | Fresh air for combustion and condition of the combustion chimney. | 3 | | Combustion air complete with skirt no relief air | \$775 |
| 4.4.4 | Treatment of water used in heating systems. | 4 | | Pot feeder and micron filter | |
| 4.4.5 | Low water cut-off/pressure relief valves and failure alarms (i.e., hot water heating). | 4 | | Newer system | |
| 4.4.6 | Heating air filtration systems and filters. | 4 | | Part of roof top units | |
| | | | | | |
| 4.4.7 | Heating humidification systems and components. | N/A | | | |

| | 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 (i.e., diffusers, radiators). | 4 | | Appears okay | |
| 4.4.9 | Heating piping, valve and/or duct insulation. | 4 | | Appears okay | |
| 4.4.10 | Heat exchangers. | N/A | | | |
| 4.4.11 | Heating mixing boxes, dampers and linkages. | N/A | | | |
| 4.4.12 | Heating distribution/circulation in larger spaces (i.e., user comfort, temperature of outside wall surfaces). | 4 | | Temperatures appear uniform | |
| 4.4.13 | Zone/unit heaters and controls. | 4 | | Thermostat per classroom | |
| Other | | N/A | | | |

| Section 4 | Mechanical Systems | Rating | | Comments/Concerns | Estim. Cost |
|-----------|--|--------|------------------|--|-------------|
| | Ventilation Systems | | Bldg. Section | Description/Condition | |
| 4.5.1 | Air handling units capacity and condition. | 4 | | 7 Carrier heating, cooling rooftop units with economizers (appear fairly new). These appear to be standard commercial roof top units without any special provision for the extra outside air needed in a school. | |
| 4.5.2 | Outside air for the occupant load (if possible, reference CFM/occupant). | FI | | Only through economizers, this will likely result in low CFM per person in cold weather. Investigate for possible solution | |
| 4.5.3 | Air distribution system (if possible, reference number of air changes/hour). | 4 | | Appears okay | |
| 4.5.4 | Exhaust systems capacity and condition. | 2 | | Add exhaust to three washrooms | \$1,800 |
| 4.5.5 | Separation of out flow from air intakes. | 4 | | Appears okay | |
| 4.5.6 | Special/dedicated ventilation and/or exhaust systems (i.e., kitchen, labs, CTS areas). | N/A | | | |
| Other | | N/A | | | |

| | 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. | | <u>occion</u> | <u> </u> | |
| 4.5.7 | Ventilation controls (including use of current energy management technology). | N/A | | Part of above. | |
| 4.5.0 | Air Elkertin and Elkert | N1/A | | | |
| 4.5.8 | Air filtration systems and filters. | N/A | | | |
| 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). | N/A | | | |
| Othor | | NI/A | | | |
| Other | | N/A | | | |

| ection 4 | Mechanical Systems | Rating | | Comments/Concerns | Estim. Cost |
|----------|---|--------|------------------|--|-------------|
| 4.6 | Cooling Systems | | Bldg. Section | <u>Description/Condition</u> | |
| 4.6.1 | Cooling system capacity and condition (i.e., chillers, cooling towers, condensers). | 4 | | 7 Carrier roof top units heating/cooling (part of 4.5.1 above) | |
| 4.6.2 | Cooling distribution system and components (i.e., ductwork, diffusers, mixing boxes, dampers, linkages) | N/A | | Part of above system. | |
| 4.6.3 | Cooling system controls (including use of current energy management technology). | N/A | | Part of above system. | |
| 4.6.4 | Special/dedicated cooling systems (i.e., labs, CTS areas). | N/A | | | |
| Other | | N/A | | | |
| 4.7 | Building Control Systems | | Bldg. Section | Description/Condition | |
| 4.7.1 | Building wide/system wide control systems and/or energy management systems. | N/A | | | |
| | Overall Mech Systems Condition & Estim. Costs | | | | \$5,57 |

| ction 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 | | 600A switch (fuses not accessible) 120/208/60/3 | |
| 5.1.2 | Site and building exterior lighting (i.e., safety concerns). | 4 | | one pole HID and building mounted HID | |
| 5.1.3 | Vehicle plug-ins (i.e., number, capacity, condition). | 3 | | 26 duplexes one pole needs repair | \$75 |
| Other | | N/A | | | |
| 5.2 | Life Safety Systems | | Bldg. | | |
| 5.2.1 | Fire and smoke alarm systems (i.e., safety concerns, up to-date technology, regularly tested). | 4 | Section | <u>Description/Condition</u> Edwards 6500 | |
| 5.2.2 | Emergency lighting systems (i.e., safety concerns, condition). | 4 | | Battery packs with integral and remote heads | |
| 5.2.3 | Exit lighting and signage (i.e., safety concerns, condition). | 3 | | Exit lights mostly with integral battery packs and two broken exit lights | \$1,00 |
| Other | | N/A | | | |
| | | | | | |

| Section 5 | Electrical Systems | Rating | | Comments/Concerns | Estim. Cost |
|-----------|--|--------|---------|---|---------------|
| | Power Supply and Distribution | | Bldg. | | |
| 5.3.1 | Power service surge protection. | 4 | Section | Description/Condition Power bars only. | |
| | | | | | |
| 500 | | | | | #0.000 |
| 5.3.2 | Panels and wireways capacity and condition. | 3 | | Replace fuses boxes with breaker inserts and breakers | \$3,000 |
| | | | | | |
| 5.3.3 | Emergency generator capacity and condition and/or UPS (if applicable). | N/A | | | |
| | | | | | |
| 5.3.4 | General wiring devices and methods. | 4 | | Appears okay | |
| | | | | | |
| E 2 E | Motor controls. | 4 | | Annage also: | |
| 5.3.5 | Motor controls. | 4 | | Appears okay | |
| | | | | | |
| Other | 1 | N/A | | | |
| | | | | | |
| | | | | | |

| Section 5 | Electrical Systems | Rating | | Comments/Concerns | Estim. Cost |
|-----------|---|--------|------------------|--|-------------|
| | Lighting Systems | | Bldg. Section | Description/Condition | |
| 5.4.1 | Interior lighting systems and components (i.e., illumination levels, conditions, controls). | 4 | | Classroom 40-60FC (fluorescent), library 65-75FC (fluorescent - direct/indirect), gym 15-20FC (HID), hallway 10-30FC (fluorescent) | |
| 5.4.2 | Replacement of ballasts (i.e., health and safety concerns). | 4 | | Only on failure | |
| 5.4.3 | Implementation of energy efficiency measures and recommendations. | 4 | | T-12 Technology, good lighting levels. | |
| Other | | N/A | | | |

| ction 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 | | Meridian. Telephone in each classroom | |
| 5.5.2 Other communication systems (i.e., public address, intercom, CCTV, satellite or cable TV). | 4 | | Intercom (very old) parts may be an issue | |
| 5.5.3 Network cabling (if available, should be category 5 or better). | 4 | | Category 5 | |
| 5.5.4 Network cabling installation (i.e., in conduit, secured to walls or tables). | 4 | | Pac poles, conduit and wiremold | |
| 5.5.5 Wiring and telecommunication closets (i.e., size, security, ventilation/cooling, capacity for growth). | 4 | | None | |
| 5.5.6 Provision for dedicated circuits for network equipment (i.e., hubs, switches, computers). | 4 | | Spare capacity in panels except fuse boxes which are full - see 5.3.2 above. | |
| Other | N/A | | | |
| | | | | |

| | 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 | | | |
| | | | | | |
| 500 | Literation along (floral balls) | | | 811 | |
| 5.6.2 | Intrusion alarms (if applicable). | 4 | | Silent Knight DSC | |
| | | | | | |
| 5.6.3 | Master clock system (if applicable). | N/A | | Bells only | |
| | | | | | |
| | | | | | |
| Other | | N/A | | | |
| | | | | | |
| 5.7 | Elevators/Disabled Lifts (If applicable) | | | | |
| | Elevator/lift size, access and operating features (i.e., sensing devices, buttons, phones, detectors). | N/A | | | |
| | governing dovices, building, priorities, descention, | | | | |
| 5.7.2 | Condition of elevators/lifts. | N/A | | | |
| | | | | | |
| | | | | | |
| 5.7.3 | Lighting and ventilation of elevators/lifts. | N/A | | | |
| | | | | | |
| Other | | N/A | | | |
| | | | | | |
| | | | | | |
| | Overall Elect. Systems Condition & Estim Costs | | | | \$4,750 |

| Section 6 | _ | Rating | | Estim. Cost |
|-----------|--|------------|--------------|-------------|
| | necessary, for portable buildings of different ages and/or conditions. | N/A | No Portables | |
| 6.1.1 | Foundation and structure (i.e., signs of bending, cracking, settlement, rust, voids, stains). | N/A | | |
| 6.1.2 | Roof materials and components (i.e., signs of deterioration, leaks, ice build-up). | N/A | | |
| 6.1.3 | Exterior wall finishes (i.e., signs of deterioration, cracks, water stains). | N/A | | |
| 6.1.4 | Doors and windows (i.e., signs of deterioration, rusting hardware, glass cracks, peeling paint, damaged seals). | N/A | | |
| 6.1.5 | (, , , , | N/A N/A | | |
| 6.1.6 | Millwork (i.e., counters, shelving, vanities, cabinets). | N/A | | |
| 6.1.7 | Fixed/wall mounted equipment (i.e., writing boards, tackboards, display boards, signs) | N/A | | |
| 6.1.8 | Heating system. | N/A | | |
| 6.1.9 | Ventilation system. | N/A | | |
| 6.1.10 | Electrical, communication and data network systems. | N/A | | |
| 6.1.11 | Health and safety concerns (i.e., fire and smoke alarms, fire protection systems, exiting, fire resistance rating of materials). | N/A | | |
| 6.1.12 | Barrier-free access. | N/A | | |
| | Overall Portable Bldgs Condition & Estim Costs | | | N/A |

| | Space Adequacy | This Facility | | Equiv. New Facility | | Surplus/ | | | |
|-----------|--|---------------|------|---------------------|-----|----------|------------|------------|--|
| Section 7 | | No. | Size | Total Area | No. | Size | Total Area | Deficiency | Comments/Concerns |
| 7.1 | Classrooms | 10 | | | 11 | 80 | 880 | | |
| | | | | | | | | | |
| 7.2 | Science Rooms/Labs | 1 | | | 2 | | 198 | | |
| | | | | | | | | | |
| 7.3 | Ancillary Areas (i.e., Art, Computer Labs, Drama, Music,) | 3 | | | 3 | | 355 | | Stage counted as music / drama. Drama area in Basement not included due to substandard space |
| | | | | | | | | | |
| | | | | | | | 504 | | |
| 7.4 | Gymnasium (incl. gym storage) | 1 | | | 1 | | 504 | | |
| 7.5 | Library/Resource Areas | 2 | | | 1 | | 190 | | |
| | | | | | | | | | |
| 7.6 | Administration/Staff, Physical Education, Storage Areas | | | | | | 917 | | No Shower / Dressing Areas provided. |
| 7.7 | CTS Areas | | | | | | | | |
| | 7.7.1 Business Education | 0 | | | 0 | | | | |
| | 7.7.2 Home Economics | 0 | | | 0 | | | | |
| | 7.7.3 Industrial Arts | 0 | | | 0 | | | | |
| | 7.7.4 Other CTS Programs | 0 | | | 0 | | | | |
| 7.8 | Other Non-Instructional Areas (i.e., circulation, wall area, crush space, wc area) | | | | | | 906 | | |
| | Sinceria. Significant and a significant spaces, we died/ | | | | | | | | |
| | Overall Space Adequacy Assessment | 17 | | 3481.25 | 18 | | 3595.00 | -113.75 | Floor areas not available for existing rooms. Based on 83% Elementry, 17% Junior High. |

| Scho | ool: | Ra | Iston |
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| Date: | Mai | rch | 2000 |

| Evaluation Component/ Sub-Component | Additional Notes and Comments |
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| Evaluation Component/ Sub-Component | Additional Notes and Comments |
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| Evaluation Component/ Sub-Component | Additional Notes and Comments |
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| Evaluation Component/ Sub-Component | Additional Notes and Comments |
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| Evaluation Component/ Sub-Component | Additional Notes and Comments | | | |
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Alberta Infrastructure School Facilities Branch

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| Date: | Ma | rch | 2000 |

| Additional Notes and Comments | | | |
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