

# **FACILITIES PLAN**

**2010 UPDATE**  
for  
**PARKLAND SCHOOL DIVISION #70**



**ONPA ARCHITECTS**  
**EDMONTON, ALBERTA**

**March, 2010**

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Prepared by

**ONPA ARCHITECTS**  
**EDMONTON ALBERTA**

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**PARKLAND SCHOOL DIVISION NO. 70  
FACILITIES PLAN – 2010 UPDATE**

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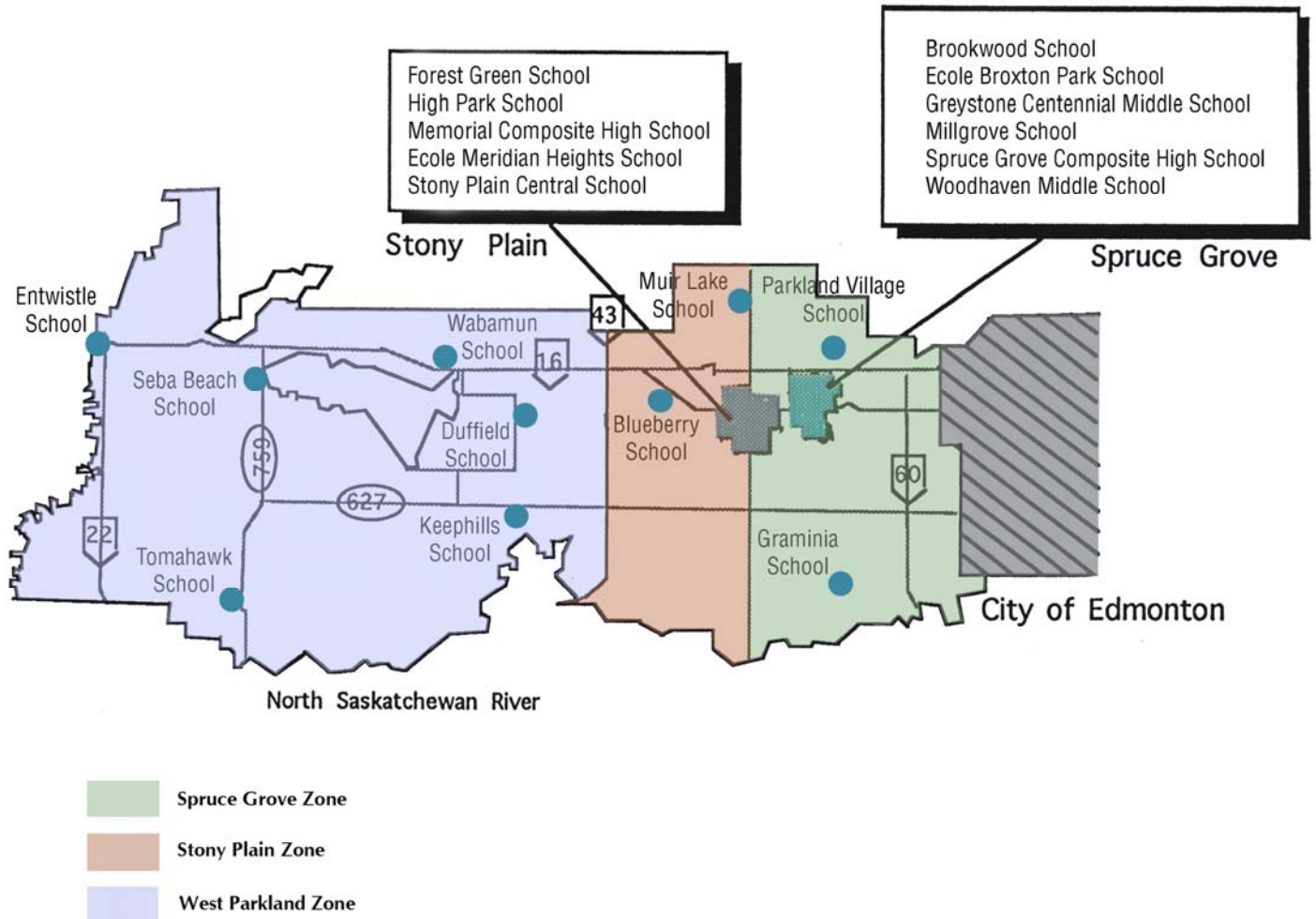
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**PARKLAND SCHOOL DIVISION NO. 70**





# 1. EXECUTIVE SUMMARY

## 1.1 INTRODUCTION

The primary purpose of this study is to examine the conditions since the 2005 and 2007 studies which influence the use of existing facilities in Parkland School Division where issues related to student population growth and educational program needs are concerned. Parkland School Division had and continues to have a comparatively high space utilization rate with some significant growth in specific areas.

The components of the study which form its key elements consist of the following:

1. **Facility Evaluations:** These were carried out in order to make assessments of existing space utilization and to provide recommendations where program needs are concerned.
2. **Enrolment Projections:** Ten-year projections are established based on the compilation and analyses of residential and growth factors.
3. **Capital Plan:** A proposal for a submission to Alberta Infrastructure for funding has been prepared as part of the study. This will reflect the major recommendations of the study.
4. **School Input:** Site visits were conducted at each of the school facilities and information received has been incorporated into the update.
5. **Model for the Future:** The study has embodied a series of processes which will be of value in future years where decisions related to space utilization are concerned. These include:

Capital Plan submissions

Enrolment statistics

Space data recording for facilities management

Community input

In a time of limited resources there is an increasing expectation on School Boards across the Province to assess facility needs in considerable detail as well as review all possible alternatives for delivering education programs and accommodating students. These options are many and varied. The principal objective of this study is to assist Parkland School Division in making choices for the future by addressing the issue of student population growth as it relates to spaces, programs and enrolments.

## 1.2 SUMMARY OF FACILITY CHANGES SINCE THE 2007 STUDY

The twenty-one school buildings within the Parkland School Division vary in age from 1 month to 62 years. They are grouped into three main population clusters or centralization zones; Spruce Grove, Stony Plain and West Parkland Zone. Previous facility assessments were completed in 1995, 1999, 2005 and 2007 by ONPA Architects, and a 2001 study specifically focused on portables throughout the division. These studies identified schools that required capital planning improvements. A number of substantial projects have been completed or are under construction as follows:

Entwistle School: \$141,630 (not including cost of modulars)	2007	Replace two existing units with modular units.
Parkland Village School: \$138,562 (not including cost of modulars)	2007	Replace two existing units with modular units.
Stony Plain Central School: \$153,414 (not including cost of modulars)	2007	Two new modular units installed.
Graminia School: \$141,598 (not including cost of modulars)	2007	Removal of four existing portables. Two new modular units installed.
Keephills School: \$53,467	2008	Relocated portable from Muir Lake School.
Muir Lake School: \$89,738	2008	New modular unit installed.
Ecole Meridian Heights School: \$551,221	2009	Replacement of six portable classrooms with new modular units
Parkland Village School: \$159,004	2009	Day Care modular installed on school site.
Memorial Composite High School: \$45,535,625	2010	Replacement school opened in February of 2010.

A grand total of \$46,389,055 capital funding has been spent on the above projects to 2010.

As well, numerous smaller improvements and IMR projects were completed throughout the division. The dollar value spent on IMR improvements is as follows:

2007-2008	\$3,773,288
2008-2009	\$2,039,989
2009-2010	\$2,942,465

As part of Parkland School Division's 2007-2010 Capital Plan, funds will be dedicated to IMR priorities, which include:

1. Heating and Safety Items
2. Roofing Replacements
3. Building Exteriors
4. Heating System Upgrades
5. Energy Saving Upgrades
6. Building Security Upgrades
7. Communication System Replacements

### **1.3 EXECUTIVE SUMMARY: ENROLMENTS**

This report utilizes trending information that was available at the time of preparation. It recognizes that future development may occur that is at variance to the information outlined in this report. As additional information for future growth in the division and the resulting impact on student enrolments becomes known, the historic data and enrolment projections included in this report will be reviewed for verification and updated yearly.

### **1.4 EXECUTIVE SUMMARY: FACILITY ASSESSMENTS**

While the length of time since the 2007 Future Growth Study and this Facilities Plan is relatively short, Parkland School Division continues to accomplish many goals with respect to facility improvements. The most significant capital funded project was the construction of the New Memorial Composite High School in Stony Plain which opened in the winter of this year. The next significant capital funded projects will be the opening of new K-4 and K-9 schools in Spruce Grove which are proposed to be opened in 2013 and 2015 respectively.

#### **PROJECTS CURRENTLY UNDERWAY:**

##### **Parkland Village School**

- Portable relocation of two units from Graminia School to Parkland Village School.

#### **IDENTIFIED CAPITAL AND MODERNIZATION PROJECTS**

##### **NEW CONSTRUCTION, MODERNIZATION, PRESERVATION AND STUDIES**

##### **New K-4 School**

- A new 500 student K-4 school is proposed for Spruce Grove to deal with increasing enrolment numbers.

##### **Old Memorial Composite High School Demolition Study**

- A study will be undertaken to deal with the existing vacated building. Environmental site assessments will need to be undertaken to determine the scope of work.

##### **New 5-9 School**

- A new 500 student 5-9 school is proposed for Spruce Grove to deal with increasing enrolment numbers.

##### **Woodhaven Middle School**

- This school requires significant modernization as well as expansion of instructional area.

##### **Duffield School**

- This school requires modernization/preservation, interior upgrades and expansion of instructional area.

#### **IDENTIFIED CAPITAL AND MODERNIZATION PROJECTS**

##### **PORTABLE REPLACEMENTS AND RELOCATIONS**

##### **Blueberry School**

- Demolition of six units and relocation of four existing units from the old Memorial Composite High School to Blueberry School.

##### **Woodhaven Middle School**

- Replace eight portables with new units.

##### **Millgrove School**

- Replace eight portables with new units.

##### **Duffield School**

- Replace six portables with new units.

## 1.5 METHODOLOGY

### 1.5.1 FACILITY ASSESSMENT: OVERVIEW OF PROCESS

#### Purpose

The purpose of this section of the study was to examine the relationship between the educational spaces in the facilities and the ability of those spaces to provide an appropriate setting for the programs being delivered.

This process involved the examination of each facility individually to take stock of the instructional and non-instructional spaces available.

It involved making an assessment of spaces allowable under Provincial guidelines, and then making comparisons between what exists at these facilities and what should be provided assuming the current operational capacity.

It also involved making assessments of the individual facilities to determine if education is being delivered in an appropriate setting or not.

The study examined each facility independently and was not influenced by current enrolments or future projections.

Specific maintenance and technical items are addressed in the RECAPP Condition Performance Measure Reports provided by Alberta Infrastructure.

#### Definitions

**Enrolments:** Enrolments for September 30, 2009 were assumed as those representing current enrolments.

**Utilization Rate:** In all cases it was assumed that the most efficient use of a facility would be represented by an 85% utilization rate which is determined by factoring current enrolment over capacity x 100. i.e.

$$\frac{340(\text{enrolment}) \times 100}{400(\text{capacity})} = 85\% \text{ (utilization rate)}$$

At 85% utilization a facility is determined to be full.

**Capacity:** For the study we assumed operational capacities, i.e. those capacities which reflect current available spaces.

Also, the comparisons made between what exists as space in each facility and the Provincial standard for each facility are made on the basis of operational capacity and not on current enrolments.

*For example when the space needs of a library in a given facility with a capacity of 400 was examined it was not influenced by enrolment regardless of whether it was in the 85% utilization range or not .*

### 1.5.1 FACILITY ASSESSMENT: OVERVIEW OF PROCESS - Continued

#### Process

Information gathered is processed and then categorized into four principal groups for each facility.

- **FACILITY PROFILE**
- **AREA AND SPACE ANALYSES/COMPARISONS**
- **OBSERVATIONS AND COMMENTS**
- **RECOMMENDATIONS**

#### Facility profile

##### **Pertinent characteristics identified i.e.**

Age	Gross area
History of growth	Capacity
Grades served	Enrollment
Number of permanent classrooms	Utilization
Number of portable classrooms	Instructional programs

#### Area comparisons

Critical comparisons made for area measurements of existing spaces and areas allowable for similar spaces under Alberta Infrastructure School Area Policy guidelines. These comprise area measurements for following components:

Facility gross area	Permanent classrooms	Portable classrooms
Science classrooms	Ancillary classrooms	Library/Resource Centres
Gymnasium	Information Technology	Administration
CTS labs, shops and classrooms		Student Flex Space

### **1.5.1 FACILITY ASSESSMENT: OVERVIEW OF PROCESS - Continued**

#### **Observations and Comments**

In this section of the study factors which are more general in nature are identified. Some will require ongoing monitoring and may require attention at some point in the future.

Assessments are made regarding the overall appropriateness of settings for the facility.

Assessments are made regarding appropriateness of individual spaces.

Deficiencies in space provisions are identified where program needs are affected.

Issues specific to each facility are outlined where the delivery of programs and needs are concerned.

Health and safety concerns are identified.

History of the facility development is described in terms of grade changes and the resultant affects on core area requirements.

Where applicable, problems associated with portable additions are identified.

Problems associated with distribution of washroom facilities are identified.

General observations with regard to any obvious physical deficiencies are noted.

#### **Recommendations**

The recommendations made at this level of the study address those issues which:

- Should be addressed immediately.

- Should be addressed within a three to five year time frame.

- Require new construction.

- Require modernization.

These should not be confused with the major recommendations of the study although in some areas they have had a significant bearing particularly where conditions requiring urgent attention are concerned.

### 1.5.2 OPTIMUM SIZE AND CAPACITY OF SCHOOLS

One issue that the study team has attempted to determine was exactly how large/what capacity range is appropriate for the varying grade configurations of the schools? The province has set area guidelines for the design of new school buildings. By comparing areas of existing schools to these new building design criteria, we can determine the following:

- whether or not a school meets these guidelines
- whether the originally designed core of the school is sufficient for the current capacity
- whether the school has the appropriate mix of regular versus specific and ancillary classrooms
- whether there are too few or too many classrooms/portables for the core
- whether the school suits the grade configuration.

The study team continued the development of the following optimum capacity ranges for seven different grade configurations, adding two since 1999:

K – 4	300 – 600
K – 6	300 – 600
K – 9	400 – 800
K – 12	400 – 800
5 – 9	400 – 800
7 – 9	400 – 800
10 – 12	1000 +

Using this criteria, there were eight schools that fell outside these ranges, one greater and seven lower. Broxton Park is the only school with student capacity larger than the optimum capacity ranges. An additional three schools are at the maximum size. These include, Graminia School, Ecole Meridian Heights School and Spruce Grove Composite High School. There are seven schools that are lower than the suggested capacity ranges including; Duffield School, Entwistle School, Keephills School, Parkland Village School, Seba Beach School, Tomahawk School and Wabamun School. In the case of the five rural schools, distance factors and student ride times for bus commuting must also be considered.

Since the 1999 study, Provincial School Area Guidelines have changed in the manner in which capacities for schools are calculated. Rather than going by the number of available teaching spaces, an area per student calculation determines capacity.

### 1.5.3 COMPOSITE EVALUATION: OVERVIEW OF PROCESS

A composite evaluation chart was prepared on the twenty-one Parkland Division School Buildings. Five definable elements from each facility were reviewed for physical condition. The conditions encountered were then rated on a scale of 1 – 4. The definable elements from each facility are as follows:

- Site and school grounds.
- School building, exterior.
- School building, interior.
- Portables.
- Room for future expansion on site.

The study team with the expertise of Parkland School Division resources accessed the conditions and rated them accordingly.

Four functional elements were evaluated and rated:

- Adherence to Provincial Area Guidelines.
- Adherence to Optimum School Capacity Range.
- Ability of existing school to handle current student enrolment.
- Ability of existing school to handle 5-year student enrolment projections.

The information gained to make these evaluations came from the site visits, observations, discussions with the principals and other staff, the area comparison charts, provincial guidelines and the student enrolment projection charts.

An unweighted total has been presented for each school and zone and averages for the district determined for each condition and the total for each school.

#### 1.5.4 INFORMATION COLLECTION PROCESS

During the process of gathering and reviewing information and developing options for school utilization and/or facility improvements, valuable input from a variety of community sources was obtained.

Information was gathered during the school tours conducted in November and December of 2010 from the school principals who in turn received input from staff, students, school council and parents. Several recent reports and documents were also available for review including:

- Parkland School Division No. 70  
1999-2009 Completed IMR Projects
- Portable Study for Parkland School Division No. 70  
May 2001 by Wood O'Neill O'Neill Architects Ltd.
- Parkland School Division No. 70  
Pending IMR Projects and Project Report of Work in Progress
- Parkland School Division No. 70  
Re-Roofing Program Year 2010 - 2015 by Wayne Saunders,  
Alberta Independent Inspection and Consulting Services (1983) Ltd.
- Parkland School Division No. 70  
3 Year Capital Plan
- Alberta Infrastructure  
RECAPP Condition Performance Measure Reports

The study team held the following working sessions to review and update findings and to identify and prioritize project scopes:

- January 21, 2010 @ Parkland School Division Offices
- February 9, 2010 @ Parkland School Division Offices

The draft report was reviewed at the Parkland School Division School Board of Trustees' Senior Executive Meeting held on March 30, 2010 and the Final Report was tabled April 6, 2010.

## **1.6 ALBERTA INFRASTRUCTURE CAPITAL PLAN OBJECTIVES**

Alberta Infrastructure Capital funding Programs – IMR, Modernization/Preservation and New Construction Projects – are designed to enable school boards to: prolong the life of existing school buildings, provide new school space and to improve the physical quality and the functional adequacy of a school. Basic objects of these programs are to:

- Accommodate local decision-making in the planning and provisions of school facilities to meet student and curriculum needs,
- Address the need for financial equity among school boards,
- Provide equity in the provision of educational facilities for Alberta students,
- Increase utilization of existing instructional space,
- Prolong the life of school buildings,
- Provide new space where other viable alternatives do not exist,
- Provide full funding for approved projects, on the basis of cost guidelines established by Alberta Infrastructure (no local contribution factor included),
- Provide provincial financial support that reflects all legitimate capital costs such as current construction costs, consultant fees, site development and furniture and equipment costs, and
- Promote advances in building technology, sustainability and design.

## **1.7 ALBERTA INFRASTRUCTURE CAPITAL PLAN FUNDING PRIORITIES**

Alberta Infrastructure's provincial priorities for capital funding allocations are:

1. Projects vital to the health and safety of students and staff. These projects include replacement or modernization of a building or a large portion of a building to correct unsafe conditions or to prevent a major building failure.
2. Projects designed to provide space to meet increases in enrollment where other alternatives are not available. School boards are required to review needs for new space and substantiate their application indicating that:
  - Additional space is needed based on space utilization data and enrollment projections for the next five years.
  - No other space is available in another school in the jurisdiction, or in schools belonging to another jurisdiction in the community, or in the region, to which transportation may be feasible,
  - Other facilities that could be used for instruction are not available in the community or region.
3. Projects designed to overcome facility needs arising from obsolescence. Projects in this category will include:
  - Complete modernization of a deteriorated building or a large portion of a building,
  - Replacement of a deteriorated building where modernization/conservation/restoration is not feasible.

Other school or community-type needs such as new equipment and supplies for the provinces Career and Technology Studies programs.

## 1.8 CONCLUSIONS

1. There are deficiencies in almost every facility, some less acceptable than others. However, it should be considered that most of the facilities were designed at a time when Provincial standards were different. The most apparent example of this difference is the typical classroom. The current area guideline for the most basic classroom is 80 m<sup>2</sup>. In older Parkland schools they are 70m<sup>2</sup> or less.

With the guidelines changing to accommodate smaller class sizes of 17 primary grade students, the 70m<sup>2</sup> might be deemed adequate.

2. For some facilities the changes in grade configuration over the years have brought about multiple additions of portable classrooms. In others, the available soft or core areas have been relocated, or reduced in area to accommodate educational spaces. The outcome of such manipulation of spaces has rendered these facilities poorly arranged in terms of circulation with an accompanying decline in appropriate functional relationships between certain areas.
3. The goal of the School Division is to continue the program of portable replacement with modular units. The units in most need of replacement have been completed. The Division is now in the process of replacing further portables with modular units.
4. The provision of suitable Career Technology teaching areas has continued to be addressed at schools since the last study. However the highly utilized schools are experiencing difficulties of maintaining these spaces as they are being utilized for general classroom space. CTS improvements are required at Stony Plain Central School, Ecole Broxton Park School, Spruce Grove Composite High School and other K-9 schools.
5. There is a significant shortage of gymnasium space in the Division. This is one specific area where the core space provisions have not kept pace with increases in enrollments due to grade configuration changes and addition of modular classrooms. This has resulted in scheduling conflicts for instructional time in the gymnasium and in some cases required the use of ancillary or CTS rooms as secondary activity spaces.

Schools critically short of gymnasium space are Tomahawk School, Ecole Meridian Heights School, Spruce Grove Composite High School, Muir Lake School and Woodhaven Middle School. Greystone Centennial Middle School, originally designed for K-9 and subsequently changed to a middle school is also smaller than guidelines. These shortages are not due to the classifications of the schools but in comparison with government guidelines.

6. With increasing student populations at a number of schools, the ability to provide additional space on the school sites will become a concern. A majority of the schools have used their sites to the maximum capacity and cannot allow for additional building space. Most of the schools that are able to accommodate future additions are rural schools but these schools are not expected to undergo significant space utilization increases. The schools that are expected to see growth in Spruce Grove and Stony Plain as well as a number of rural schools are not able to grow further on their sites.
7. A number of schools in the Division are encountering vehicle congestion and lack of parking space due to the constricted school sites and poor access road circulation. Brookwood School, Ecole Broxton Park School, Millgrove School, Parkland Village School, Forest Green School and Stony Plain Central School in particular are all experiencing this problem.
8. A comprehensive roofing program is in place and has been undertaken over a number of years, with larger roof areas being replaced in phases. This will continue with the re-roofing program through to 2015.



## 2.0 DIVISION SUMMARY

### 2.1 EVALUATION: DIVISION OVERVIEW

#### Summary of Composite Evaluation of School Buildings

This section presents information pertaining to the entire division. The following composite evaluation chart is meant to be a tool for the Board to use (and update over the years) in planning for and prioritizing both remedial work and major construction projects for which capital funding, block funding or IMR monies must be designated.

The blocks shaded in red (very poor), in particular, flag the most critical condition for a school and, if accompanied by other 'red' and 'orange' blocks, indicate major work required throughout the building.

Schools that fall into this category would be:

Rating:	Action Required:
29.0 Ecole Broxton Park School	The existing school will be maintained until a replacement school is constructed. Remedial work will be required on the West side of the school due to the demolition of the swimming pool.

Groupings of a few red blocks for a particular school that otherwise rates fair to good indicates specific conditions requiring remedial action to bring the school building back into balance.

Schools that fall into this category would be:

Rating:	Action Required:
24.5 Woodhaven Middle School	Requires replacement of older portables, gymnasium addition and modernization.
24.5 Millgrove School	Complete IMR projects. Requires replacement of older portables. High utilization. Site circulation and parking to be addressed.
24.0 Blueberry School	Complete IMR projects including roofing and site improvements.
23.5 Duffield School	Replace portables and expand interiors. Gymnasium expansion required.
23.5 Ecole Meridian Heights	Requires replacement of deteriorated portables, site work and gym expansion.
22.5 Spruce Grove CHS	Upgrading of interiors, gym floor resurfacing, locker replacements and mechanical and electrical.
22.0 Keephills School	Complete site work and IMR projects
21.0 Brookwood School	Continue IMR items that deal with interior upgrading.
20.0 Stony Plain Central School	Site work required to deal with significant site circulation issues. Requires addition of various instructional spaces and modernization.
20.0 Tomahawk School	Gymnasium expansion and student flex space required. Site repair. Interior modernization.
19.0 Muir Lake School	Complete identified IMR projects
18.5 Graminia School	Site work required. Specialized program spaces required.
18.5 Forest Green School	Entrance upgrade required.
17.5 Entwistle School	Complete IMR projects. Interior upgrades
17.0 Seba Beach School	Complete identified IMR projects including site work and roofing.
17.0 Wabamun School	Interior upgrades required.
17.0 High Park School	Modernize administration and entrances. Site work required.
16.0 Parkland Village School	Two additional portables are planned to be added for expected enrolment increases.

### **Description of Evaluation Rating System**

Rating:	Condition:	Description:
1	Good	Good to excellent condition. On par with today's acceptable standards for educational buildings.
2	Fair	Adequate/acceptable and functional condition. Improvements could be made.
3	Poor	Below acceptable standards. Poorly functioning space. Requires remedial work, code upgrading. Maintenance difficulties.
4	Very Poor	Unsatisfactory and inappropriate for intended use. Code and safety infractions High Maintenance

### **Description of School Total Rating Score**

Score:	Condition:	Description:
8-15	Good	Generally good physical and functional school building suitable for learning program needs and, unless a specific factor rating is 3-4, should have many years of use in its current condition.
15-20	Acceptable	Acceptable learning environment. Specific remedial work and improvements are required. Timing and priority dependent on individual factor rating(s).
20-25	Poor	Poor physical and functional spaces. Significant improvements can be made. Future or high priority, depending on specific factor ratings.
25-30	Very Poor	Very poor learning environment. Physical and functional inadequacies. High priority remedial action required as soon as possible.
30-36	Unacceptable	Unacceptable, unsafe and poorly functioning school. Immediate attention required.

PHYSICAL AND FUNCTIONAL EVALUATION OF  
PARKLAND SCHOOL DIVISION SCHOOL BUILDINGS[illegible]

## 2.2 DEVELOPMENT POTENTIAL: PARKLAND SCHOOL DIVISION NO. 70

SCHOOL	Grades	Possible Add'n on site *			2009-2010			Based on gross		Optimum Capacity	Range Factor
		Permanent	Classrooms	Portables	Gross Capacity	Total Enrolment	U.R. %	U.R. %	Range		
Blueberry School	K-9	17	15		673	506.5	75.3%		400-800	✓	
Brookwood School	K-4	24	0		517	451	87.3%		300-600	✓	
Ecole Broxton Park School	K-9	30	6		1003	866	86.3%		400-800	Over	
Duffield School	K-9	10	6		349	310	88.6%		400-800	Under	
Entwistle School	K-9	✓	8	2	244	154	63.1%		400-800	Under	
Forest Green School	K-6	No	12	0	308	259	84.0%		300-600	✓	
Graminia School	K-9	✓	20	14	811	520	64.2%		400-800	At Max.	
Greystone Centennial Middle School	5-9	No	25	0	686	534	77.8%		400-800	✓	
High Park School	K-9	No	17	0	478	411	86.0%		400-800	✓	
Keephills School	K-6	✓	2	3	193	64.5	33.5%		300-600	Under	
Building Closed											
Old Memorial Composite High School	10-12	✓	31	0	1500	1161	77.4%		1000 +	✓	
Memorial Composite High School Replacement	K-9	No	21	14	804	647	80.5%		400-800	At Max.	
Ecole Meridian Heights School	K-4	No	10	8	416	438	105.4%		300-600	✓	
Millgrove School	K-9	No	21	3	527	527	100.0%		400-800	✓	
Muir Lake School	K-4	✓	2	5	193	105	54.4%		300-600	Under	
Parkland Village School	K-9	✓	12	1	378	147.5	39.0%		400-800	Under	
Seba Beach School	10-12	No	44	2	1260	1103	87.5%		1000 +	at Max.	
Spruce Grove Composite High School	K-9	✓	19	3	596	495	82.9%		400-800	✓	
Stony Plain Central School	K-9	✓	6	2	200	122.5	61.4%		400-800	Under	
Tomahawk School	K-9	No	8	0	165	104.5	63.2%		400-800	Under	
Wabamun School	5-9	No	10	16	638	571	89.5%		400-800	✓	
Woodhaven Middle School											

\* Refers to additions to building. See appendix for PSD Site Areas / Site Area Requirements

ONPA Architects

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### 2.3.1

#### PROPOSED 3 YEAR CAPITAL PLAN: PARKLAND SCHOOL DIVISION NO.70 PROJECTS IDENTIFIED FOR CAPITAL FUNDING FOR NEW CONSTRUCTION, MODERNIZATION, PRESERVATION AND STUDIES

##### NEW CONSTRUCTION, MODERNIZATION, PRESERVATION AND STUDIES

SCHOOL	2011-2012	2011-2012 Priority	2012-2013	2012-2013 Priority	2013-2014	2013-2014 Priority
New K-4 School	New K-4 school to open in 2013	1				
Memorial Composite High School Demolition Study	Demolition of Existing MCHS	2				
New 5-9 School			New 5-9 school to open in 2015	1		
Woodhaven Middle School			Modernization Gym expansion	2		
Duffield School					Interior upgrades Gym expansion	1

### 2.3.2

#### PROPOSED 3 YEAR CAPITAL PLAN: PARKLAND SCHOOL DIVISION NO.70 PROJECTS IDENTIFIED FOR CAPITAL FUNDING FOR PORTABLE REPLACEMENTS AND RELOCATIONS

##### PORTABLE REPLACEMENTS AND RELOCATIONS

SCHOOL	2010-2011	2010-2011 Priority	2011-2012	2011-2012 Priority	2012-2013	2012-2013 Priority
Parkland Village School	Portable relocation of 2 units from Graminia to Parkland Village	1				
Blueberry School	Demolition of 6 units at Blueberry / Portable relocation of 4 units from MCHS to Blueberry	2				
Woodhaven Middle School			Portable replacement	1		
Millgrove School			Portable replacement	2		
Duffield School					Portable replacement	1
Summary of Portables Replaced / Relocated	2 (Parkland Village) 4 (Blueberry)		8 (Woodhaven) 8 (Millgrove)		6 (Duffield)	

### 2.3.3

#### PROPOSED 5 YEAR CAPITAL PLAN: PARKLAND SCHOOL DIVISION NO.70 PROJECTS RELATING TO PORTABLE CLASSROOM REDUCTION, REPLACEMENT AND UPGRADE

##### SPRUCE GROVE ZONE PORTABLES

School	Grades			Portables					Portables to be revised by 2014	Portables To Be Replaced with New Modulators by 2014	Additional Portables To Be Replaced with New Modulators after 2014
	2004	2005	2012	1999	2001	2004	2007	2009	2014 5-Year Goal		
Ecole Broxton Park School	K-9	K-9	K-8	6	6	6	6	6	6	0	6
Graminia School	K-9	K-9	K-8	16	16	14	14	14	8	6	0
Millgrove School	K-6	K-4	K-4	8	8	8	8	8	8	0	0
Parkland Village School	K-6	K-4	K-4	7	7	5	5	5	7	2	3
Spruce Grove Composite	10-12	10-12	10-12	2	2	2	2	2	2	0	2
Woodhaven Middle School	7-9	5-9	5-9	16	16	16	16	16	16	0	8
<b>Totals</b>				<b>55</b>	<b>55</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>47</b>	<b>8</b>	<b>19</b>

##### STONY PLAIN ZONE PORTABLES

School	Grades	Portables					Portables To Be Replaced with New Modulators after 2014
		1999	2001	2004	2007	2009	
Blueberry School	K-9	15	15	15	15	15	11
Forest Green School	K-6	6	6	0	0	0	n/a
Memorial Composite	10-12	4	4	4	4	4	0
Ecole Meridian Heights School	K-9	14	14	14	14	14	14
Muir Lake School	K-9	14	14	*3	*3	4	3
Stony Plain Central School	K-9	3	3	3	5	5	5
High Park School	K-9	2	2	2	2	2	2
<b>Totals</b>		<b>58</b>	<b>58</b>	<b>38</b>	<b>38</b>	<b>44</b>	<b>35</b>

##### WEST PARKLAND ZONE - PORTABLES

School	Grades	Portables					Portables To Be Replaced with New Modulators after 2014
		1999	2001	2004	2007	2009	
Duffield School	K-9	6	6	6	7	7	8
Entwistle School	K-9	2	2	2	2	2	2
Keephills School	K-6	3	3	3	3	3	3
Seba Beach School	K-9	5	5	2	1	1	1
Tomahawk School	K-9	0	2	2	2	2	2
<b>Totals</b>		<b>16</b>	<b>18</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>16</b>

<b>Division Totals</b>		<b>129</b>	<b>131</b>	<b>104</b>	<b>104</b>	<b>110</b>	<b>98</b>	<b>17</b>	<b>29</b>	<b>41</b>
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\* 5 portables were transformed into permanent classrooms

ONPA Architects

March 2010

# BROOKWOOD SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1972 Original Building
Additions:	1974 Addition – 8 classrooms 1991 Addition – 1 portable (constructed elsewhere in 1985) 1998 - Portable relocated to Woodhaven School 1999 – Bus lane and parking upgrades
Grades Served:	K-4
Permanent Classrooms:	24
Portable Classrooms:	0
Gross Area:	4,122.9m <sup>2</sup>
Capacity:	517
Enrolment:	451 Adjusted
Utilization:	87.3%
Instructional Program:	Basic academics plus computers, art , music, special needs programs.



The main school entry is too far from the general office for good visibility and supervision.



The former infirmary has become a multipurpose staff workroom and storage.



This narrow corridor is one of two direct routes to the library that does not interfere with classroom instruction or private offices.



The curved hallways also serve as coat space. An attempt has been made to place some partitions to define teaching areas.



Formerly an open classroom plan attempts have been made to gain acoustic privacy with the placement of millwork which also defines classroom boundaries.



The library is the high centre volume of the circular open classroom plan.

**1995 Study Summary**

The school was functioning well with the open classroom concept and open library being utilized for its flexibility. A computer room was built in the former business education classroom and more computers were being placed in the library. The gymnasium size was under area guidelines and there were no dedicated science classrooms. Storage space was at a premium.

**1999 Study Summary**

Increased enrolments as predicted in 1995 brought safety concerns to the forefront with a very congested bus drop off and parent's vehicle area. This was addressed with a 1999 block funding project that separated the vehicle traffic.

Air quality and insufficient classroom spaces were identified issues. Recommendations also included flooring and millwork upgrades and the addition of portables and storage space.

**2004 Study Summary**

The 1999 bus lane and parking project has eased congestion on the west, front of the school, but there is now congestion along the east laneway.

Considerable money, \$652,232, has been spent on upgrades to Brookwood since 1999 to replace flooring, door hardware, fire and smoke alarms, MCC panel, lighting, cast iron service and other items. A further \$116, 126 of IMP projects are pending to continue with a number of mechanical and electrical upgrades as well as exterior painting and door hardware.

Supervision of entrance and after school site security are noted concerns as are air quality and the desire for a FM system. The school capacity has been reached at 96% utilization.

**2010 Observations & Comments**

Mechanical and Electrical upgrades were completed in 2009 as well as exterior painting and door hardware replacement with the exception of the front doors. The boilers are to be replaced in the future.

Re-roofing is not due until after 2012

Supervision of entrances and after-school site security are still concerns.

**2010 Recommendations**

Despite a re-configuration to K-4, utilization is above 100% though this is not reflected in the enrollment numbers, which are shown to be 87.3%.

Consider extending the parking to the south by the outdoor rink.

Continue with identified IMR items including replacement of exterior door hardware, painting gym walls and replacing flooring in art room and storage room.

## AREA COMPARISON CHART

### BROOKWOOD SCHOOL K-4

Existing School (600 capacity) Old Method (517 capacity) New Method	Provincial Guidelines (525 capacity school)	
20 Classrooms totaling 1267.9	15 @ 80 = 1200	
1 Science totaling 95.9	2 @ 95 sci = 190	
4 Ancillary CR totaling 329.3	1 @ 130 anc	
2 Computer labs totaling 162	3 @ 90 anc = 270	
Gymnasium 356.4	430	
Gym storage 26.7	43	
Library 193.5	210	
2431.7 Subtotal total instructional (27 instructional areas)	2473 (21 instructional areas)	
351.6 Admin/Staff Areas	307	
68.5 Physical Education	70	
665.5 Circulation	618	
403.68 Wall Area	297	
36.3 Storage	87	
37 Washrooms	63	
0 Flexible Space	126	
11.7 Wiring Network	30	
116.9 Mechanical	120	
1691.18 Total non-instructional	1718	
4122.88 Total Area (6.87m <sup>2</sup> /student) Old Method (7.97m <sup>2</sup> /student) New method	4191 (7.98m <sup>2</sup> /student)	

Although utilized in different ways, the gross floor area is close to the guidelines. Significant shortages are in gymnasium, science, library, storage and flexible space. Overages are in ancillary class area and administration space.

PROPERTY LINE

PROPERTY LINE

1972 ORIGINAL BUILDING  
PLAN No. 5216

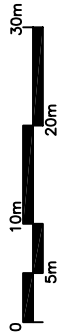
1974 ADDITION  
PLAN No. 5310

PROPERTY LINE



# PARKLAND SCHOOL DIVISION #70

BROOKWOOD SCHOOL		460 KING STREET, SPRUCE GROVE		SITE PLAN	
		DATE: 01/10/09		A.I.	
2		UPDATED DRAWINGS		DATE: 19/10/05	
1.		UPDATED DRAWINGS		DWN. BY: SCS	
REV.		CONSTRUCTION		SCALE: 1:750	



LEGAL DESCRIPTION  
PLAN 882 0050.  
BLOCK 1, LOT 1 SR  
(NE 1/2 3-53-27-W4)

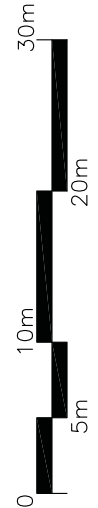
1972 ORIGINAL BUILDING

1974 ADDITION

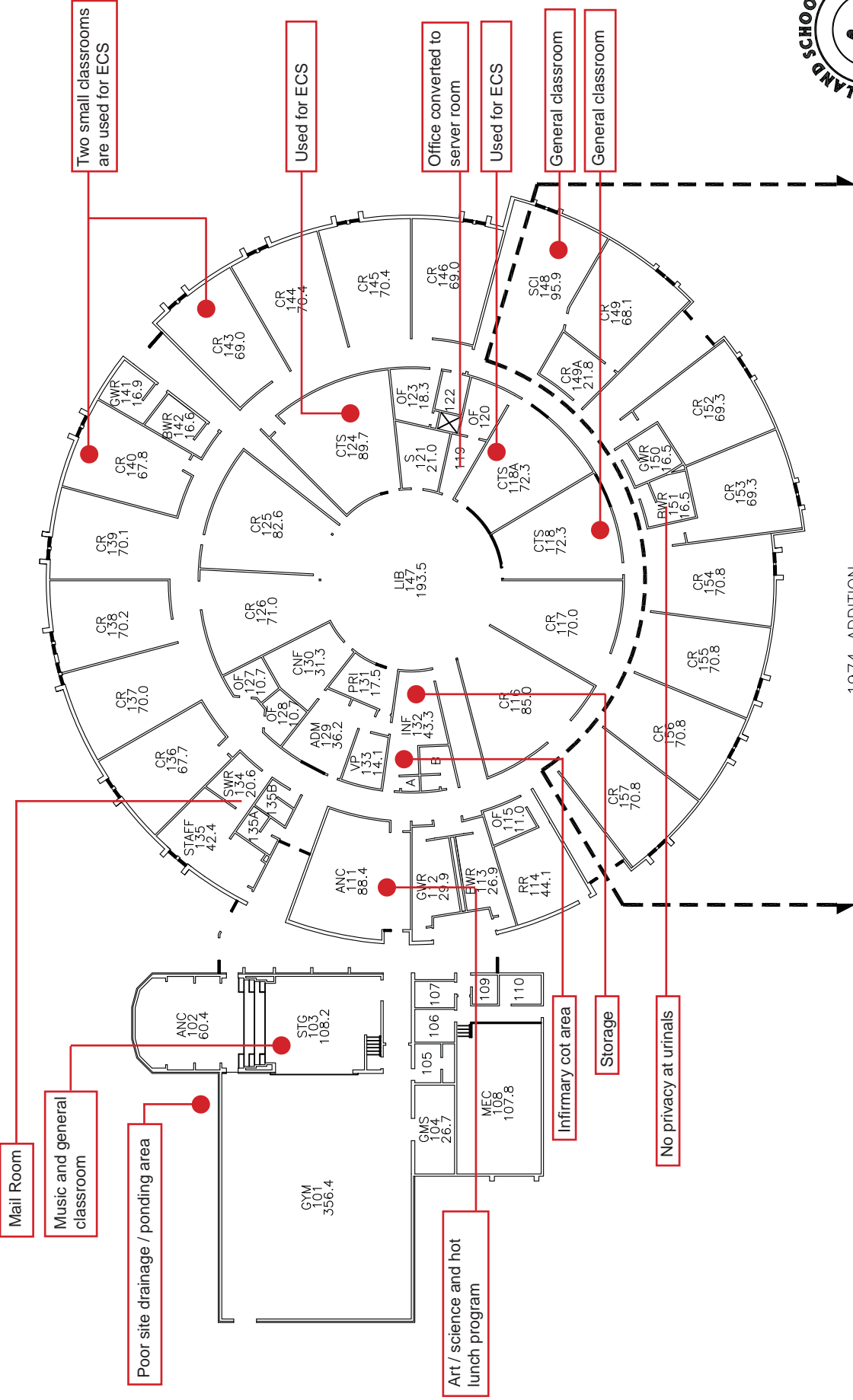


PARKLAND SCHOOL DIVISION #70

BROOKWOOD ELEMENTARY SCHOOL		460 KING STREET, SPRUCE GROVE	
2.	UPDATED DRAWINGS	04/06/01	DATE: 01/10/09
1.	UPDATED DRAWINGS	01/10/09	DWN. BY: SCS
REV.	CONSTRUCTION	DATE	SCALE: 1:500
FLOOR PLAN		A.I.	
PLOT ID: 00634		CODE: 1091	
SHEET: 2 OF 3			



2010 COMMENTS AND OBSERVATIONS



# ECOLE BROXTON PARK SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1969 Original Building
Additions:	1970 Addition - 8 classrooms (permanent construction) 1971 Addition - 8 classrooms, I.A. (permanent construction) 1985 Addition - 4 portables (constructed on site in 1985) 1988 Addition - 1 portable (constructed on site in 1988) 1989 Addition - 1 portable (constructed on site in 1989) 1986, 1997, 2000 - spot modernization to gym, multi-use CR and joint use corridor.
Grades Served:	K-9
Permanent Classrooms:	30
Portable Classrooms:	6
Gross Area:	10,003.40 m <sup>2</sup>
Capacity:	1003
Enrolment:	866 Adjusted
Utilization:	86.3%
Instructional Program:	English Mainstream 1-9, ECS, Early Education (6 classes), Multiage, Class Act, Steps 1-9, Skills (1, 2, 3), Adapt (1, 2, 3), Computers, Transition Lit., Music.



The large ancillary classroom space provides a mini-gym physio area for the special education students requiring this from of exercise.



The five locations where corridors lead to twin classrooms, four of them joined, additional means of egress is provided through adjacent classrooms. Same wall finishes may not meet flame-spread ratings.



Most worn flooring has been replaced, however there are several flooring upgrades still required.



One of the two main school corridors is a formidable 125m (410 ft) in length. Even with four cross-corridors, the school has no central focus area for student gathering. A large percentage of the interior rooms have no natural light.



The fabric panels in the large gym are damaged and require replacement.



The gymnasium mezzanine is used for early years instruction. With the North wall being plexiglass, noise transfer between this room and the gym is a concern.

**1995 Study Summary**

The facility was noted for its evolution into a special needs centre for the jurisdiction. At the time, the maximum capacity of the school was reached. Muir Lake students were being bussed in for Industrial Education. Additional administration area was recommended.

**1999 Study Summary**

In addition to the shortage of administration space noted earlier, a need for more small group breakout spaces for visiting therapists to work with students was noted.

Poor air quality, lack of storage space, insufficient washrooms for the large staff numbers were also concerns.

The viability of the shops was noted and the suggestion was put forth to consider conversion to CTS space.

**2001 Portable Study Summary**

At this time, removal of portables was considered as the large school area had insufficient site room and enrolments were less than in 1999. With the closure of the adjacent pool, site and parking congestion has since been reduced, therefore the portables were not removed.

**2004 Study Summary**

Broxton Park is still the primary centre for special education and Early Education (PUF). It will also offer next year a wider range of programs than other sites, including French Immersion and Christian Education.

Four large team teaching spaces continue to provide for a variety of models such as multi-age groups, special needs and class act.

With the large numbers of special needs students and the higher numbers of staff, specifically focused suites have evolved.

**2010 Observations and Comments**

Current space functions reasonable well but enrollment numbers are increasing. An additional class of french immersion is added every year.

Code 40 students are the most severe here and there is a wide diversity of where the students come from.

Significant changes have been made due to program changes.

Water damage noted in ceiling of Classroom 106 due to possible rain water leader leak.

**2010 Recommendations**

The school will be maintained but no major modernizations are planned.

As student numbers grow, excess shop space will need to be converted to instructional class space.

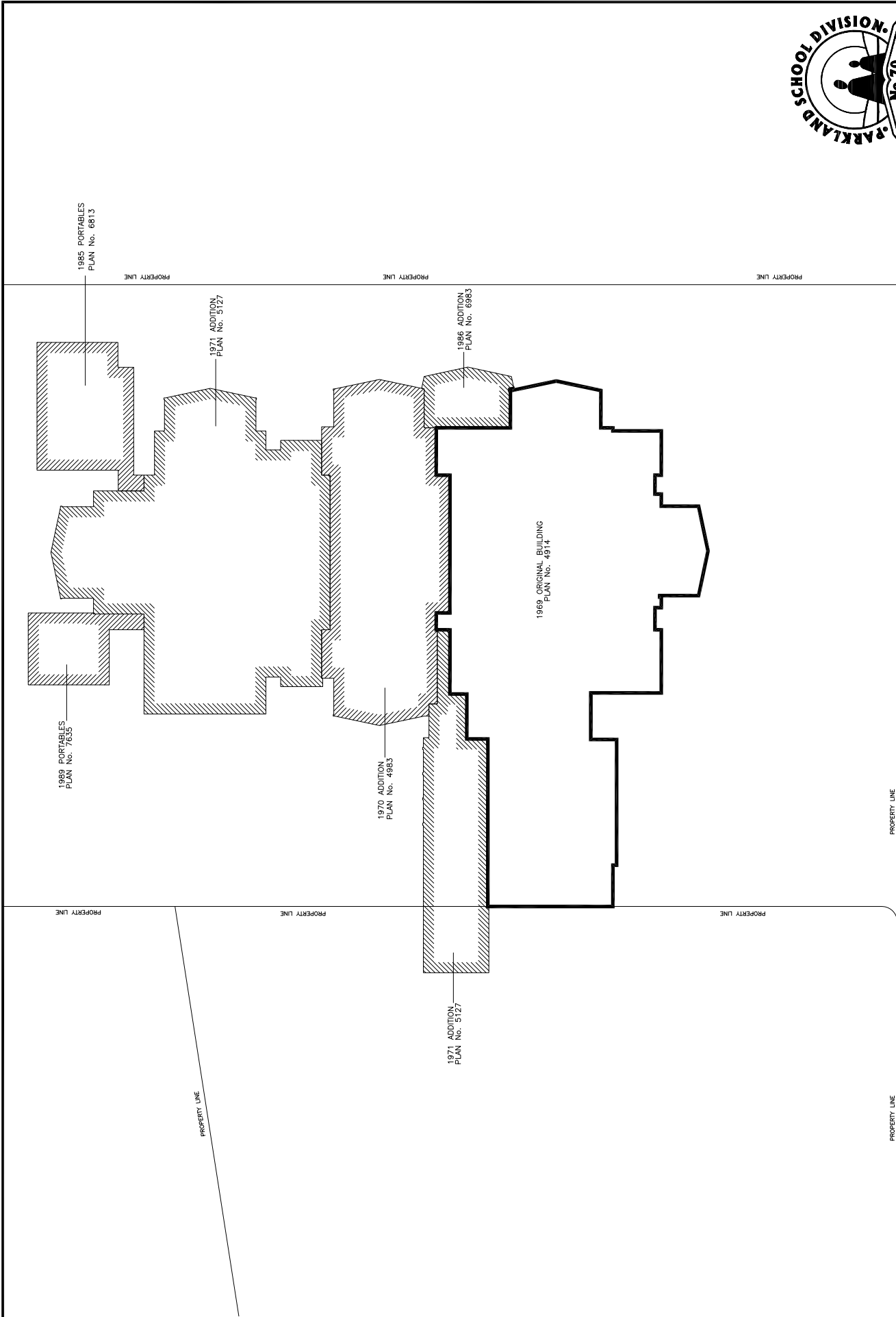
Complete identified IMR projects.

## AREA COMPARISON CHART

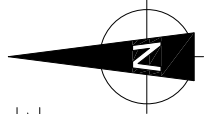
### ECOLE BROXTON PARK SCHOOL K-9

Existing School (890 capacity) Old Method (1003 capacity) New Method	Provincial Guidelines (1000 capacity school)
20 Classrooms totaling 1475.7	26 @ 80 = 2080
4 Science 412.8	2 @ 95 sci = 180
6 Portables totaling 405.6	3 @ 120 sci = 360
6 Ancillary CR totaling 710.6	2 @ 130 anc = 260
2 Computer labs totaling 141.5	4 @ 90 anc = 360
Gymnasium space totaling 737.8	3 @ 115 IS = 345
Gym storage 100.9	940
Library 396	94
	400
4,380.9 Subtotal	5,029
<u>487.5</u> (3 CTS components)	<u>600</u> (add 3 CTS area supplements)
	5,629
4868.4 total instructional (47 instructional areas)	(40 instructional areas)
689 Admin/Staff Areas	472
148.9 Physical Education	165
1473 Circulation	1257
843.9 Wall Area	603
173.1 Storage	176
123.2 Washrooms	120
0 Flexible Space	240
12.8 Wiring Network	40
245.1 Mechanical	160
3709.0 Total non-instructional	3234
8,577.4 Total Area (9.64m <sup>2</sup> /student Old Method	8,863 (8.86m <sup>2</sup> /student)
(8.55m <sup>2</sup> /student) New Method	

Notes: The layout is very inefficient due to excessive exterior walls and circulation. The gymnasium space is small. Staff counseling/resource areas are extensive due to the high percentage of break-out and support spaces for special education.



MACLEOD AVENUE

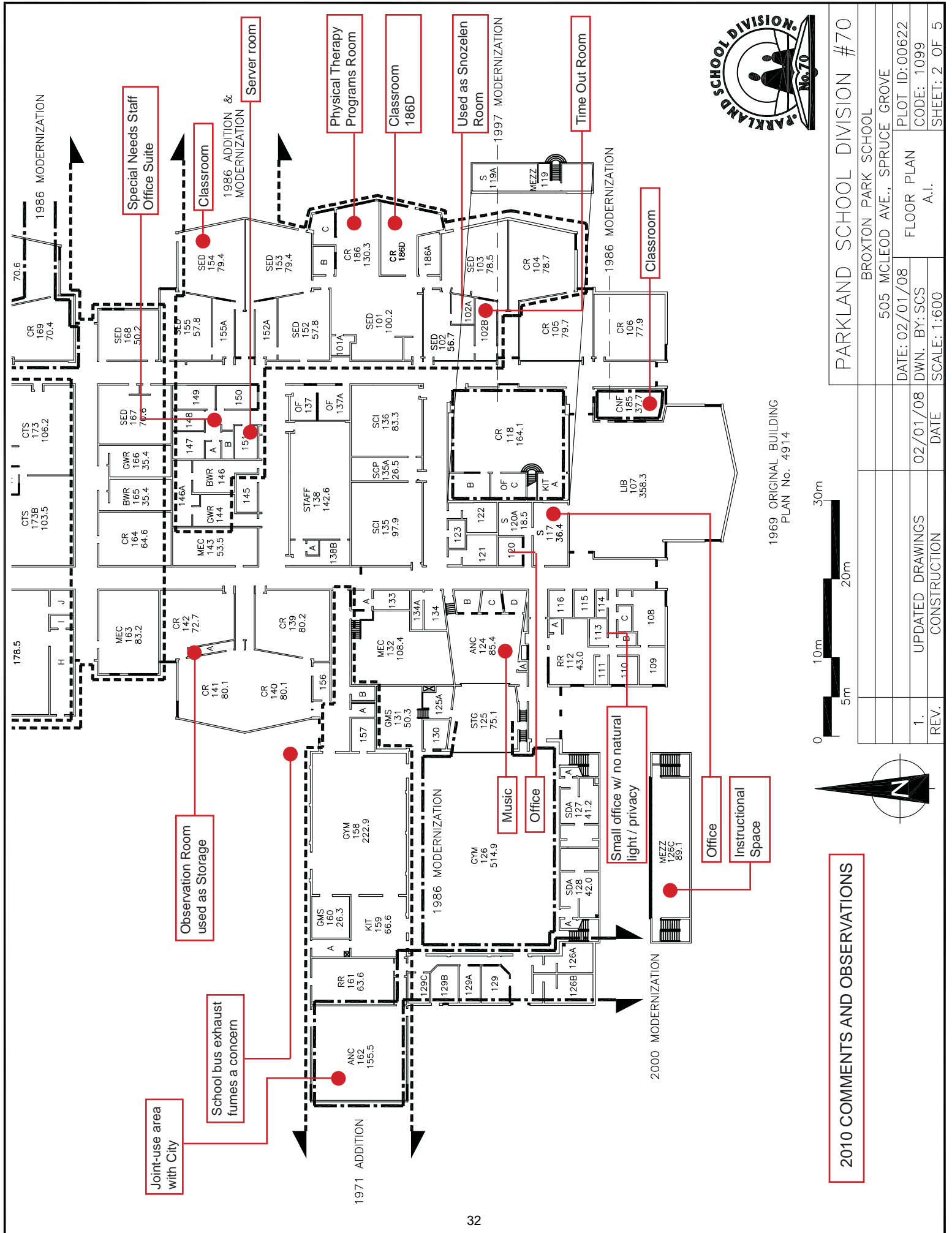


# PARKLAND SCHOOL DIVISION #70

ECOLE BROXTON PARK SCHOOL	
505 MCLEOD AVE., SPRUCE GROVE	
BID: B9128A	SITE PLAN
CODE: ABED1099	A.I.
SHEET: 1 OF 5	

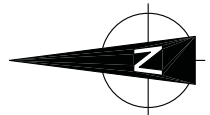
DATE: 08/01/02	
DWN. BY: CW	
SCALE: 1:1000	
REV.	DATE
3	28/08/07
2	19/10/05
CONSTRUCTION	
UPDATED DRAWINGS	
UPDATED DRAWINGS	


LEGAL DESCRIPTION  
 PLAN 5179 MC  
 BLOCK2  
 LOT R2  
 (SE 3-53-27-W4)

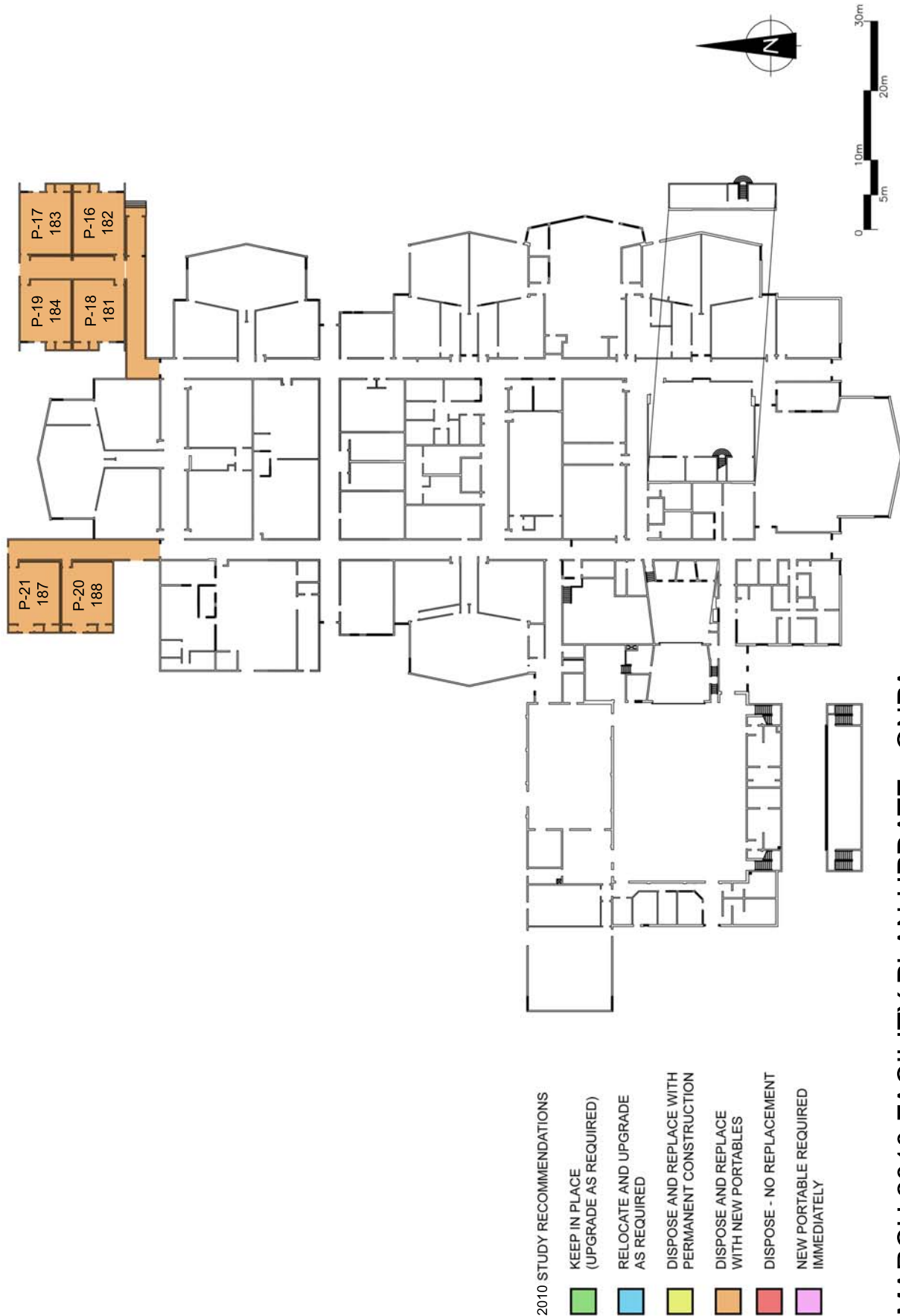




A vertical number line starting at 0 and ending at 30m. The line is divided into four segments by horizontal tick marks. The segments are labeled with their lengths: 5m, 10m, 20m, and 30m. The segments are represented by black bars of varying heights.



		<div>PARKLAND SCHOOL DIVISION #70</div>	
		<div>BROXTON PARK SCHOOL</div>	
		<div>505 MCLEOD AVE., SPRUCE GROVE</div>	
1.	UPDATED DRAWINGS	DATE: 02/01/08	FLOOR PLAN
REV.	CONSTRUCTION	DWN. BY: SCS	A.I.
		SCALE: 1:600	<div>PLOT ID: 00622</div> <div>CODE: 1099</div> <div>SHEET: 3 OF 5</div>



# GRAMINIA SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1982 Original Building
Additions:	1981 Addition – 6 portables added (constructed on site) 1985 Addition – 1 portable (constructed elsewhere 1981) 1987 Addition – 1 portable (constructed elsewhere 1987) 1991 Addition – 2 portables (constructed elsewhere 1983) 1992 Addition – 1 portable (constructed on site) 1993 Addition – 2 portables (constructed on site) 1994 Addition – 2 portables (constructed on site) 1995 Addition – 1 portable (constructed elsewhere 1993) 1997 Relocation of 10 portables 2003 Addition – 1 classroom (2 portables removed)
Grades Served:	K-9
Permanent Classrooms:	20
Portable Classrooms:	14 (1 washroom unit)
Gross Area:	6613.1m <sup>2</sup>
Capacity:	811
Enrolment:	520 Adjusted
Utilization:	64.2%
Instructional Program:	Basic academics plus music, art, drama, home economics, industrial arts, computer education.



Stone dash stucco soffit is failing and repair is required.



The south sidewalk and drop-off area are underwater after a rain. Regrading is required for positive drainage.



Millwork in the older CTS sewing room needs repair/upgrading. Other classrooms are in need of flooring replacement.

**1995 Study Summary**

The school was at maximum capacity and space was at a premium. Portables were in poor condition. A multi-purpose room addition and major modernization was recommended and implemented in 1997.

**1999 Study Summary**

Along with the 1997 addition of 8 classrooms and a multi-purpose room/student gathering area, portables were removed and others relocated on site. A drama facility was recommended as a potential addition.

**2001 Portable Study Summary**

Two poor portables were identified for disposal and this was done in 2003 along with the addition of one permanent classroom.

Another two portables were also flagged for disposal and the remaining east eight portables were suggested for replacement with permanent construction consisting of a fine arts suite and six classrooms.

The north four portables were rated in good condition.

**2004 Study Summary**

The recent single classroom addition and portable removal has improved instructional space and atmosphere. Some tidying up of finishing and review of door swing (double egress required) to the north portable corridor needs to be completed.

Some portables have been upgraded with new flooring and three were re-roofed. Some still need new furnaces and further upgrading. A number of washroom vanities have been replaced as well as some water supply related mechanical system upgrades. Further IMP work has been identified for new flooring, mechanical items, network wiring upgrades and a large project to repave the west parking lot. The south sidewalk widening and re-sloping should also be considered at the same time.

South portables were noted to be deteriorating very quickly on exterior fascias and siding due to moisture problems.

**2010 Observations and Comments**

SE vent upstands in play area should have protective coverings.

Widening and re-sloping of the South sidewalk should be considered.

IMR work identified includes mechanical and electrical upgrades as well as repaving of the West parking lot.

Change rooms are undersized and shower areas are not used. Consider expanding change rooms into shower areas.

**2010 Recommendations**

A purpose designed drama ancillary classroom is needed. If the woodworking program continues or expands, ventilation upgrades will be required in the classroom being used for this purpose.

Replace carpet in Music Room.

Fire safety issues should be addressed with regards to the kiln in the art room.

Decreased enrollments are much lower than expected, resulting in under-utilized classrooms. Two portables have been identified for relocation to another school.

## AREA COMPARISON CHART

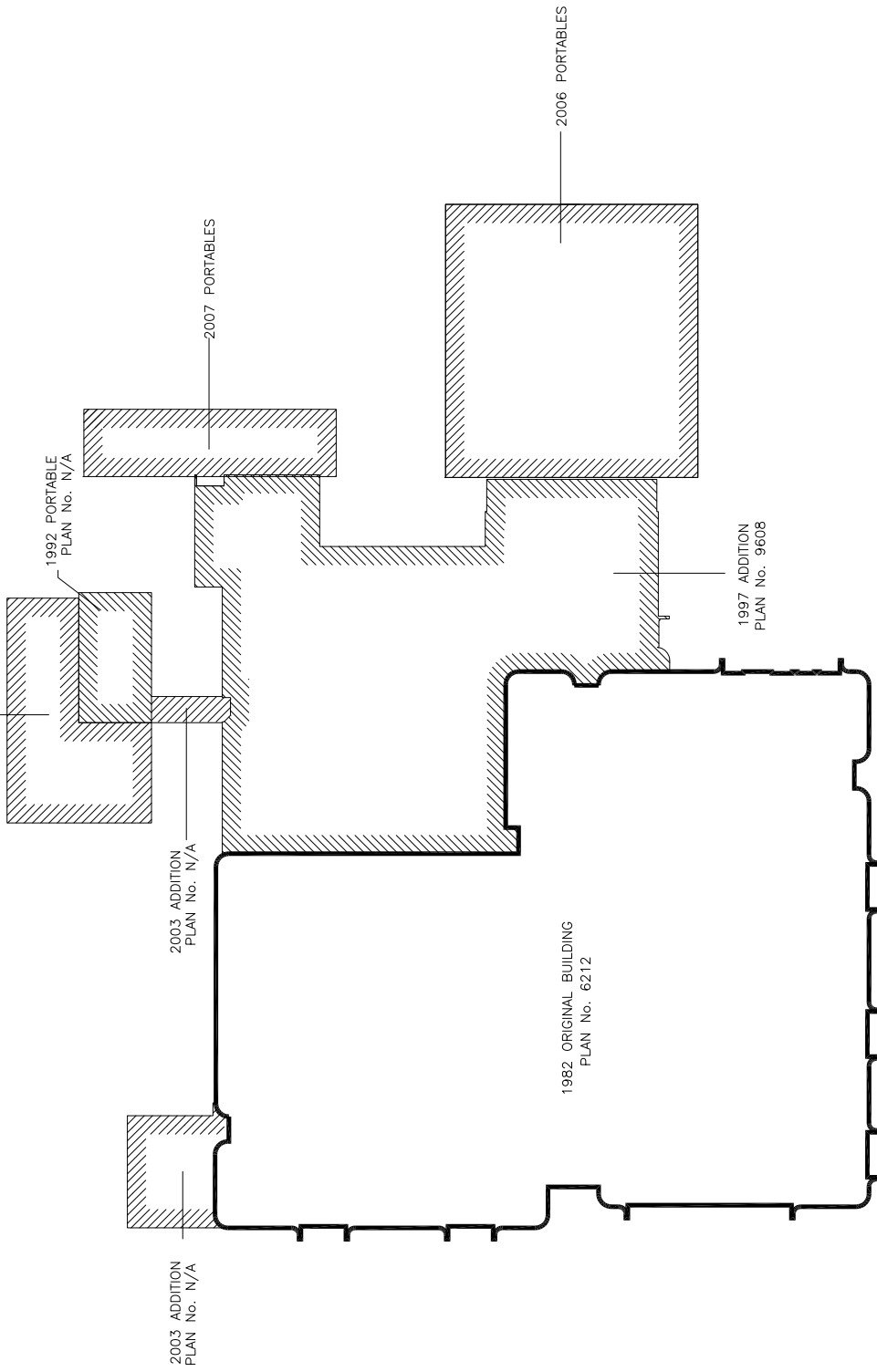
### GRAMINIA SCHOOL K-9

Existing School (895 capacity) Old Method (811 capacity) New Method	Provincial Guidelines (825 capacity school)	
14 Classrooms totaling 1058.4	21 @ 80 = 1680	
1 Science totaling 126.2	2 @ 95 sci = 190	
14 Portables totaling 1098.7	2 @ 120 sci = 240	
3 Ancillary CR totaling 333.9	2 @ 130 anc = 260	
2 Computer labs totaling 189.7	4 @ 90 anc = 360	
Gymnasium 595.9	2 @ 115 IS = 230	
Gym storage 89.4	705	
Library 205.5	91	
	330	
3,687.7 Subtotal	4,066	
<u>87.3</u> (1 CTS component; remainder in IT lab)	<u>200</u> (add 1 CTS area supplement)	
3,775 total instructional (34 instructional areas)	4,266 (33 instructional areas)	
425.5 Admin/Staff Areas	472	
140.7 Physical Education	130	
907.5 Circulation	1016	
630.1 Wall Area	488	
221.7 Storage	142	
107.7 Washrooms	99	
225.4 Flexible Space	198	
18.2 Wiring Network	40	
161.3 Mechanical	160	
2838.1 Total non-instructional	2746	
6613.1 Total Area (7.39m <sup>2</sup> /student) Old Method	7,012	
(8.22m <sup>2</sup> /student) New Method	(8.71m <sup>2</sup> /student)	

The areas do not correspond with the provincial guidelines. The gymnasium is under area but the larger flex space doubles for physical activity. Ancillary class area is deficient as is the library. Most CTS strands are in classroom or computer lab settings. Both IT labs are small as is the CTS Foods area.

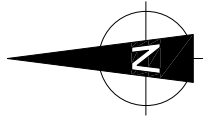
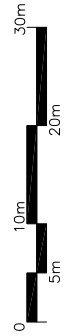
PORTABLES RELOCATED 1997

1993 PORTABLES  
PLAN No. N/A



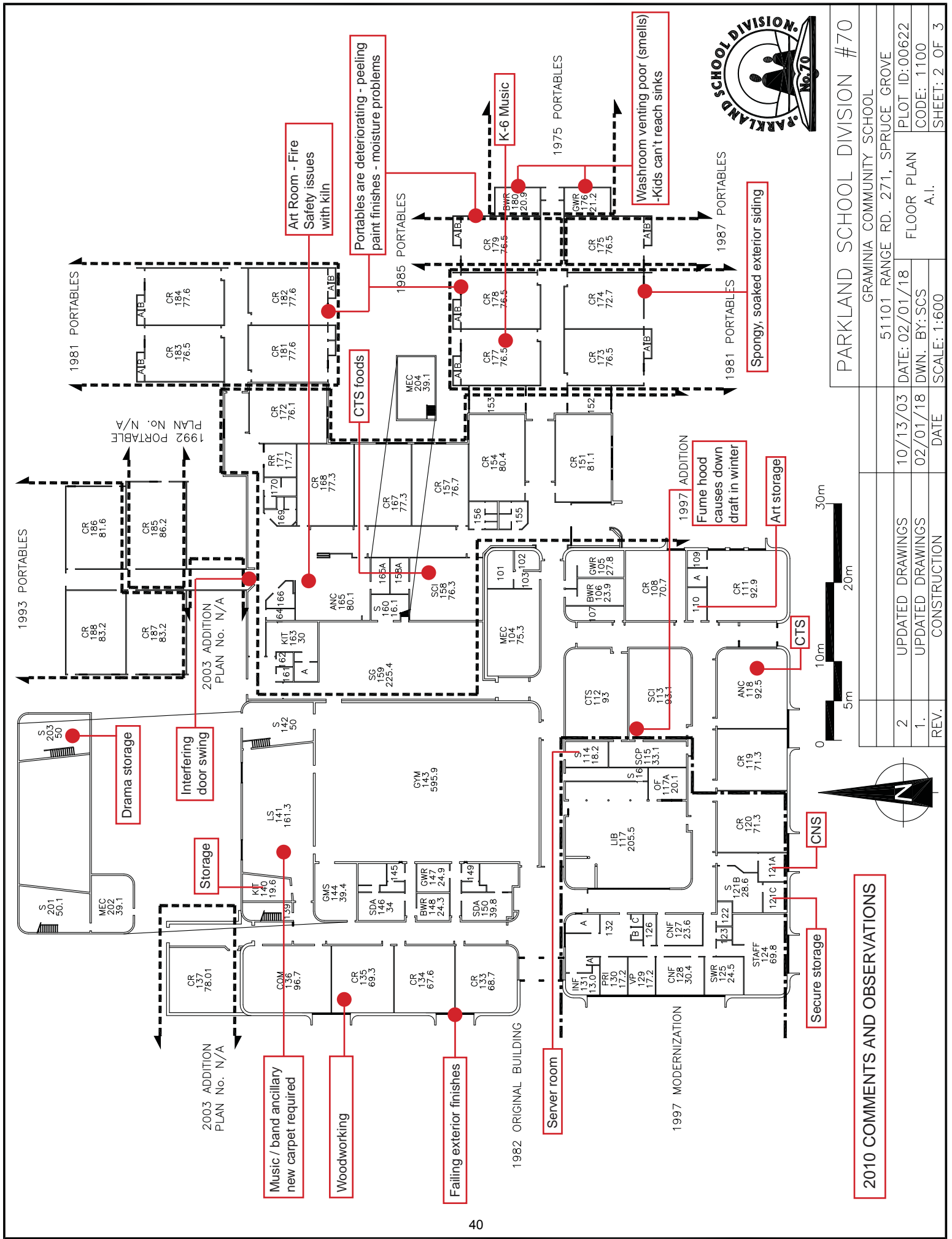
# PARKLAND SCHOOL DIVISION #70

GRAMINIA COMMUNITY SCHOOL	
51101 RANGE RD. 271, SPRUCE GROVE	
BID: B4051A	
DATE: 18/01/02	SITE PLAN
DWN. BY: CW	A.I.
SCALE: 1:750	



5	UPDATED DRAWINGS	14/10/09
2	UPDATED DRAWINGS	10/13/03
4	UPDATED DRAWINGS	28/08/07
REV.	CONSTRUCTION	DATE

LEGAL DESCRIPTION  
(SW 1/4 12-51-27-W4)



PARKLAND SCHOOL DIVISION #70			
GRAMINIA COMMUNITY SCHOOL			
51101 RANGE RD. 271, SPRUCE GROVE			
2	UPDATED DRAWINGS	10/13/03	FLOOR PLAN
1.	UPDATED DRAWINGS	02/01/18	DATE
REV.	CONSTRUCTION	DATE	SCALE: 1:600
2010 COMMENTS AND OBSERVATIONS		A.I.	
		PLOT ID: 00622	
		CODE: 1100	
		SHEET: 2 OF 3	



## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION No. 70 GRAMINIA SCHOOL



# GREYSTONE CENTENNIAL MIDDLE SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	2005 Original Building
Grades Served:	5-9
Permanent Classrooms:	25
Portable Classrooms:	0
Gross Area:	5912m2
Capacity:	686
Enrolment:	534 Adjusted
Utilization:	77.8%
Instructional Program:	Basic academics plus music, art, computers, CTS home economics and practical arts.

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### **2010 Observations and Comments**

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Doors to vestibules from classroom pods to be removed to increase visibility for supervision.

Flooring in some classrooms to be stripped and re-finished.

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### **2010 Recommendations**

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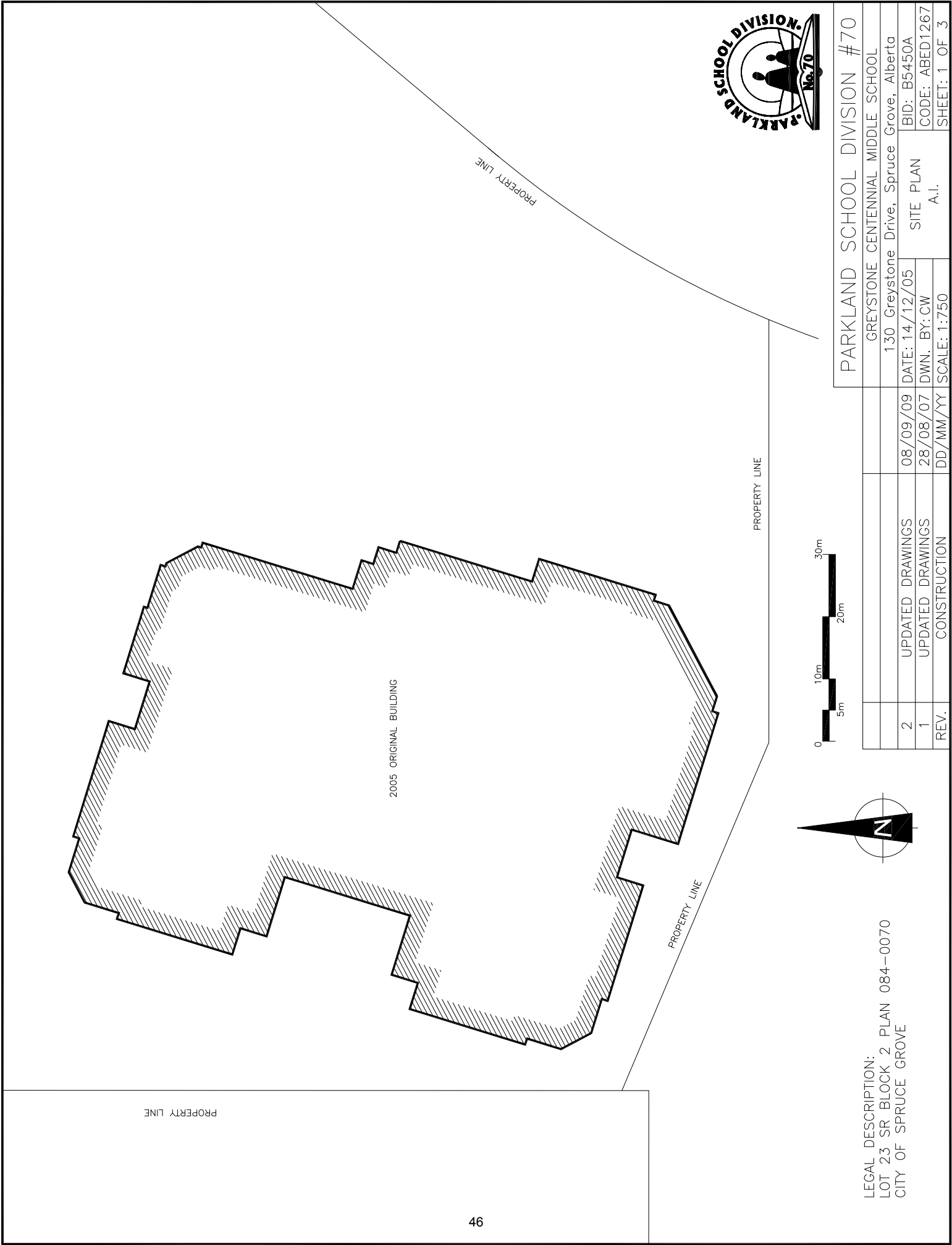
No specific recommendations.

## AREA COMPARISON CHART

### GREYSTONE CENTENNIAL MIDDLE SCHOOL 5-9

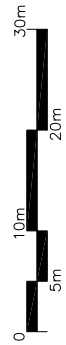
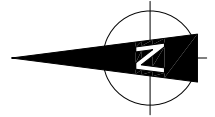
Existing School (686 capacity)	Provincial Guidelines (675 capacity school) 5-9
16 Classrooms totaling 1272.4	17 @ 80 = 1360
2 Science totaling 201	3 @ 120 sci = 360
4 Ancillary CR totaling 630.2	2 @ 130 anc = 260
1 Computer Lab totaling 119	3 @ 90 anc = 270
Gymnasium 675	2 @ 115 IS = 230
Gym storage 66	815
Library 256	82
	270
3,119.6 Subtotal	3,647
<u>369.2</u> (2 CTS components)	<u>400</u> (add 2 CTS area supplements)
3,488.8 total instructional (25 instructional areas)	3,957 (26 instructional areas)
386 Admin/Staff Areas	397
109.4 Physical Education	160
803 Circulation	912
439.4 Wall Area	438
106.3 Storage	128
116.4 Washrooms	81
172.8 Flexible Space	162
18.9 Wiring Network	40
278.8 Mechanical (shared)	140
2,507.2 Total non-instructional	2,457
5,920 Total Area (9.25m <sup>2</sup> /student)	6,103 (9.04m <sup>2</sup> /student)

The school was originally designed as a K-9 school. Well into design, the Parkland School Division, Planning for the Future Task Force, determined that a middle school would serve the students of Spruce Grove more appropriately. The kindergarten suite was redesigned to become a science classroom and a multi-purpose classroom. However, the gross floor area normally granted to a middle school has not been achieved.



PARKLAND SCHOOL DIVISION #70			
GREYSTONE CENTENNIAL MIDDLE SCHOOL		130 Greystone Drive, Spruce Grove, Alberta	
DATE: 14/12/05		BID: B5450A	
DWN. BY: CW		SITE PLAN	
DD/MM/YY		A.I.	
SCALE: 1:750		CODE: ABED1267	
		SHEET: 1 OF 3	

LEGAL DESCRIPTION:  
 LOT 23 SR BLOCK 2 PLAN 084-0070  
 CITY OF SPRUCE GROVE



2	UPDATED DRAWINGS	08/09/09	
1	UPDATED DRAWINGS	28/08/07	
REV.	CONSTRUCTION	DD/MM/YY	SCALE: 1:750



PARKLAND SCHOOL DIVISION #70

LEGAL DESCRIPTION:  
LOT 23 SR BLOCK 2 PLAN 084-0070  
CITY OF SPRUCE GROVE

					GREYSTONE CENTENNIAL MIDDLE SCHOOL
					130 Greystone Drive, Spruce Grove, Alberta
2	UPDATED DRAWINGS	08/09/09	DATE: 14/12/05	FLOOR PLAN	BID: B5450A
1	UPDATED DRAWINGS	28/08/07	DWN. BY: CW	A.I.	CODE: ABED1267
REV.	CONSTRUCTION	DD/MM/Y Y	SCALE: 1:500		SHEET: 2 OF 3



# MILLGROVE SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1976 Original Building
Additions:	1976 Addition – 8 portables (constructed on site) 2001 Administration area renovation
Grades Served:	K-4
Permanent Classrooms:	10
Portable Classrooms:	8
Gross Area:	3,511.10m <sup>2</sup>
Capacity:	416
Enrolment:	438 Adjusted
Utilization:	105.4%
Instructional Program:	Basic academics plus music, art, drama, Early literacy.



Site access for buses and parent vehicles is now one-way with access from the South.



The roadway and turn around require regrading and filling in of potholes at a minimum and pavement over the longer term.



The 2001 BQRP office improvements have improved supervision of the main entrance and lobby and provide a welcoming presence to the general office. The required fire separation resulted in heavier doors.



The open library is the centre of the cluster of 8 permanent classrooms.



Student's coats are hung along the circular corridor that borders the library and along the walls of the portables corridor.



**1995 Study Summary**

There were no major concerns identified at this time. Enrolments had been decreasing and there were no space pressures.

**1999 Study Summary**

A number of air quality issues were identified and a mechanical review recommended.

Supervision and visibility from administration to the main school entrance and circulation were concerns as was parking and vehicular access. A small modernization was suggested. A new subdivision was expected to increase enrolments.

**2001 Portable Study Summary**

Enrolments had increased due to the opening of the new subdivision. All eight portables were noted in fair condition considering their age. Finish, roofing, flooring and mechanical upgrades were recommended over the short term with ultimate replacement with permanent construction in the long term.

**2004 Study Summary**

Enrolments have continued to increase significantly and the school is full at 96% utilization. Next year with grade configuration changed to K-4, this is expected to be alleviated. The music room and gymnasium work very well, but with such high enrolment, a number of specific use classrooms such as art/science and early literature have become general classrooms.

A modernization to the administration area has resolved the supervision/visibility concerns and a number of improvements have increased street appeal and interior qualities of the school. These have included re-roofing, flooring replacement, new lighting, sinks and vanities, mechanical upgrades, new fire and security alarm systems. A study has been completed examining conversion to hot water heating.

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**2010 Observations and Comments**

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Despite a re-configuration to K-4, enrollments have continued to increase and utilization is well over 100% and expected to climb.

Concerns continue with the access and layout of the parking area. Congestion is a major problem for both the bus and parent traffic. Site access has been changed to a one-way system but this has not relieved the traffic issue entirely.

Acoustics are a concern in the gymnasium. Acoustic baffles are recommended.

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**2010 Recommendations**

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Continue with IMR projects which includes replacing flooring in eight (8) classrooms and music room and paving of the parking lot and site access.

Replace the eight (8) existing portables with new units.

Complete additional mechanical items in IMR as well as re-roofing noted by roofing consultant.

## AREA COMPARISON CHART

### MILLGROVE SCHOOL K-4

Existing School (450 capacity) Old Method (416 capacity) New Method	Provincial Guidelines (425 capacity school)	
8 Classrooms totaling 607.7	11 @ 80 = 880	
0 Science	2 @ 95 sci = 190	
8 Portables totaling 560.0	1 @ 130 anc = 130	
3 Ancillary CR totaling 267.1	3 @ 90 anc = 270	
Gymnasium 445	430	
Gym storage 24.7	43	
Library 240	170	
2,319.3 total instructional (19 instructional areas)	2,113 (17 instructional areas)	
300.6 Admin/Staff Areas	307	
98.4 Physical Education	70	
397.3 Circulation	528	
195.2 Wall Area	254	
21.1 Storage	74	
75.5 Washrooms	51	
0 Flexible Space	102	
13.9 Wiring Network	30	
89.8 Mechanical	120	
1,191.8 Total non-instructional	1536	
3,511.1 Total Area (8.44m <sup>2</sup> /student)	3,649 (8.59m <sup>2</sup> /student)	

Support spaces such as flex space and storage and designated science classrooms are deficient in this school. However, the central library is very generous. Due to high enrolment, many staff resource rooms have been converted to instructional spaces.

PROPERTY LINE

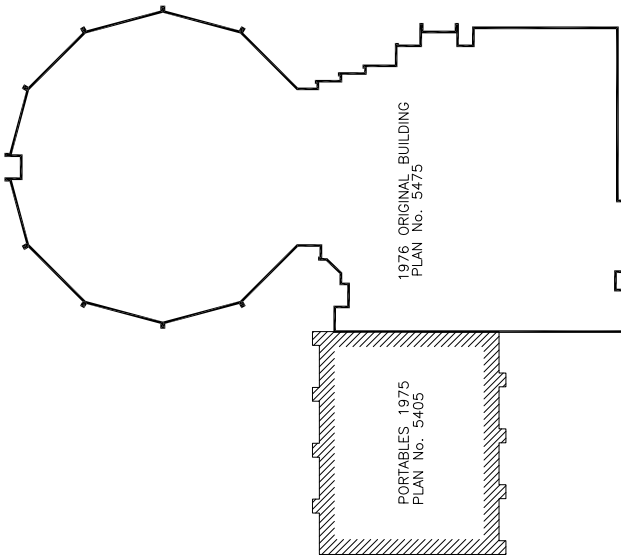
PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE



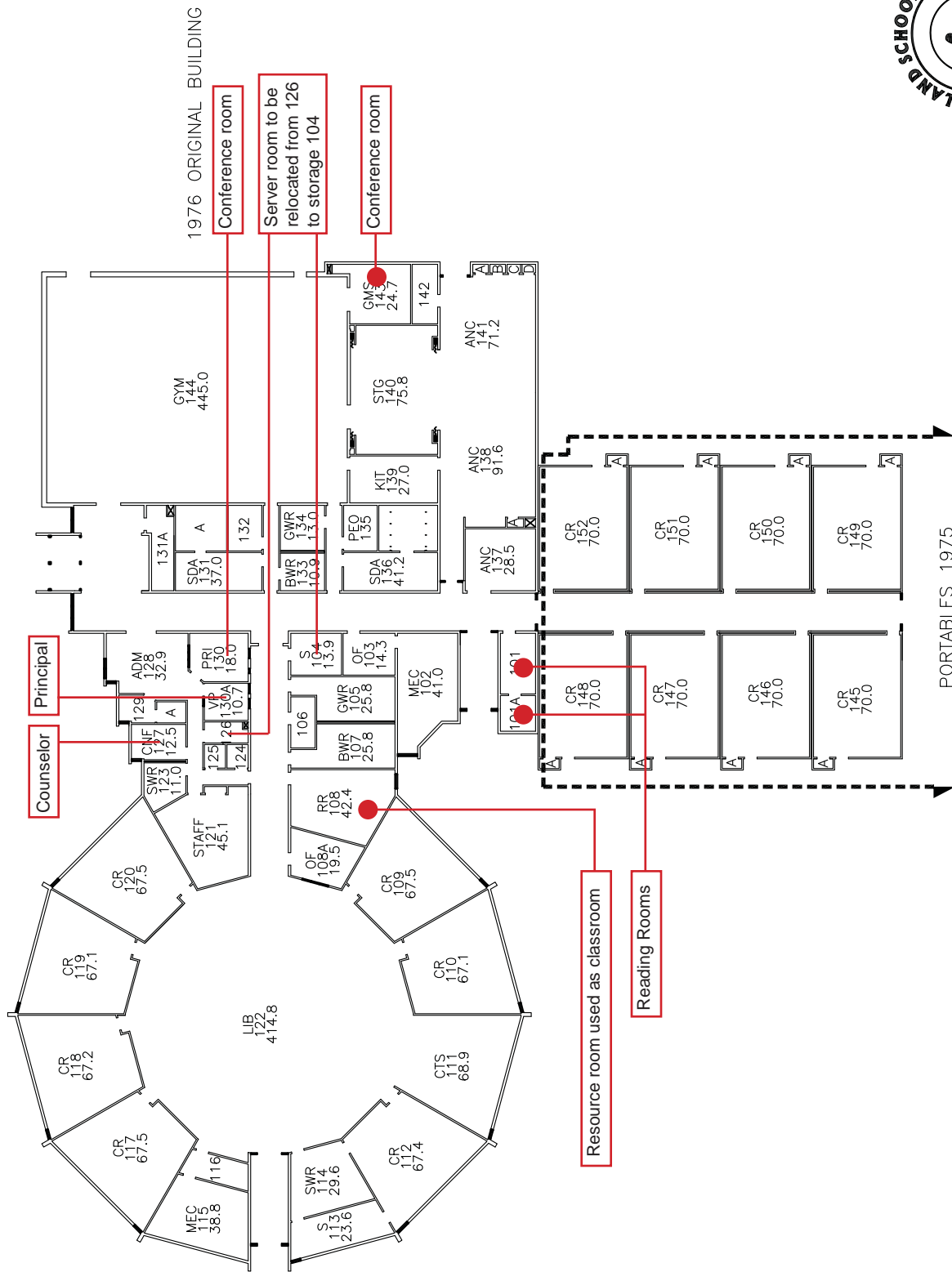
LEGAL DESCRIPTION  
PLAN 752 1495  
BLOCK 4, LOT 2-R  
(NE 25-53-27-W5)  
(SE 34-51-3-W5)



# PARKLAND SCHOOL DIVISION #70

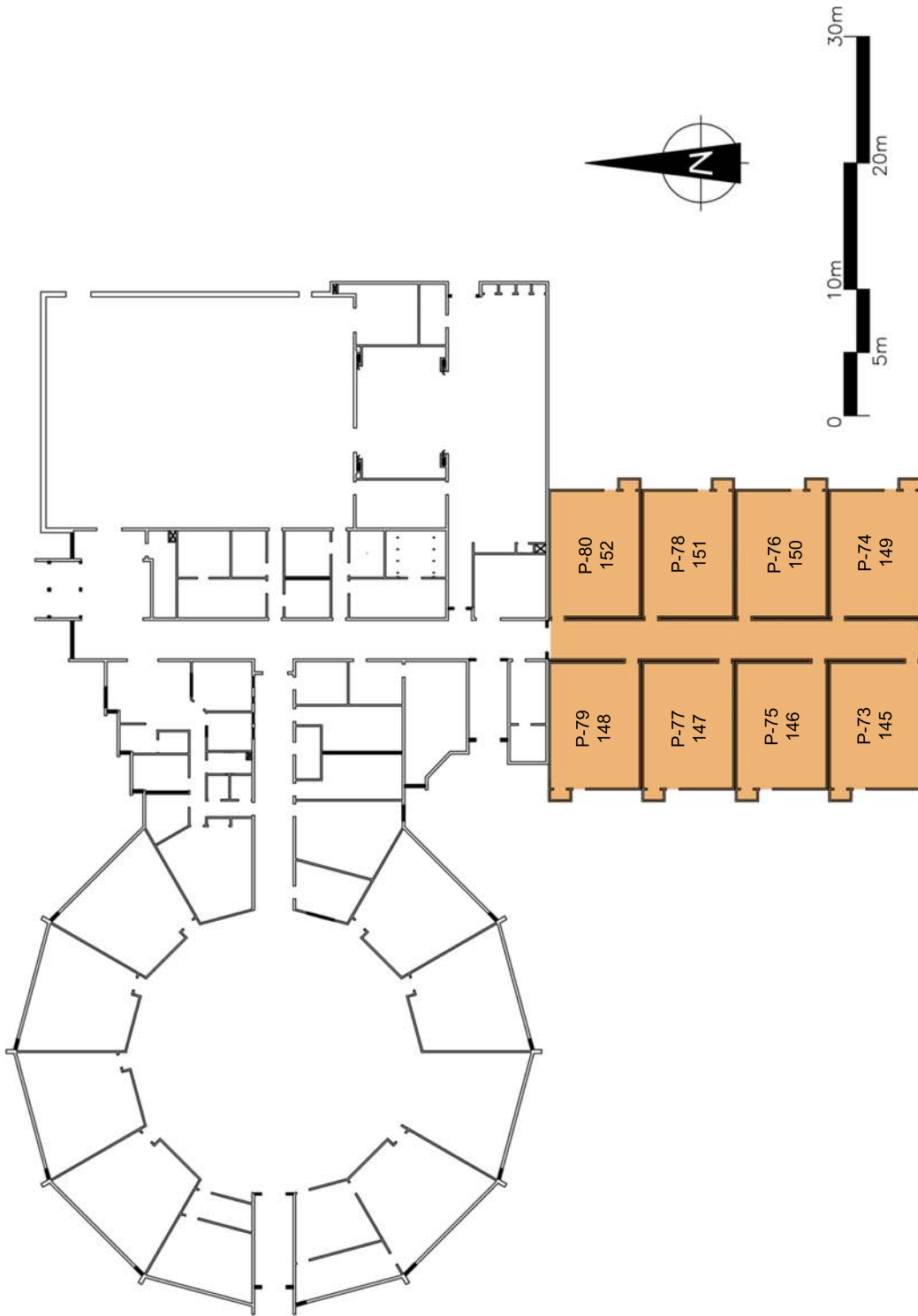
MILLGROVE SCHOOL		851 CALAHOO ROAD, SPRUCE GROVE	
DATE: 10/10/01		SITE PLAN	
DWN. BY: CW		A.I.	
SCALE: 1:1000		SHEET: 1 OF 3	

05/09/07		UPDATED DRAWINGS	
20/10/05		UPDATED DRAWINGS	
DATE		CONSTRUCTION	
REV.		3	



PARKLAND SCHOOL DIVISION #70	
MILLGROVE ELEMENTARY SCHOOL	
851 CALAHOO ROAD, SPRUCE GROVE	
DATE: 01/10/10	FLOOR PLAN
DWN. BY: SCS	A.I.
SCALE: 1:500	SHEET: 2 OF 3

2010 COMMENTS AND OBSERVATIONS



#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 MILLGROVE SCHOOL



# PARKLAND VILLAGE SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1982 Original Building
Additions:	1980 Addition – 2 portables (constructed on site) 1991 Addition – 1 portable (constructed on site) 1998 Modernization – Admin. 2003 2 portables relocated from Muir Lake 2003 Addition – connecting link
Grades Served:	K-4
Permanent Classrooms:	1 + 1 music / after hours care
Portable Classrooms:	5
Gross Area:	1,804.02m <sup>2</sup>
Capacity:	193
Enrolment:	105 Adjusted
Utilization:	54.4%
Instructional Program:	Basic academics plus music, art, science, French, early literacy



The upgrading/rearrangement of the north portable pod has greatly improved the quality of these three instructional spaces and exterior curb appeal of the school.



By adding the portables/link at the same floor elevation as the school core, the former interior ramp was eliminated providing easier and more spacious access to the portable classrooms.

**1995 Study Summary**

The art/science room was also being used as a lunch room. The facility was in good condition with recommendations only to modernize the general office, west washrooms and boot storage.

**1999 Study Summary**

Modernization to the office was completed, however, boot storage was still a concern.

A single portable was noted to have flooring/moisture problems and an investigation was recommended. A main entrance wheelchair ramp was also recommended.

**2001 Portable Study Summary**

The four 1980 portables were noted to be in poor condition due to settlement and moisture problems caused by the combination of a high water table and poor site drainage. Recommendations included disposal of up to 6 portables and relocation of surplus portables that would be available from Muir Lake.

This resulted in a 2003 project that relocated 2 Muir Lake portables and disposed of four old portables.

**2004 Study Summary**

The year round schooling concept has been discontinued. For enrolment in 2005, grade configuration will be revised to K-4 only. This will help with increased instructional space available to meet the provincial guidelines for smaller average class sizes and only one split grade class is anticipated compared to three this year. The science room is being used for kindergarten, the lunch study as a classroom, and one portable for literacy and home reading SED.

Improvement projects have included new flooring, roof drainage, handi-cap access and mechanical upgrades with some minor upgrades identified in the future.

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**2010 Observations and Comments**

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Boot storage continues to be a concern.

Parking is currently acceptable but congestion is beginning to cause concern.

The East sidewalk should be re-graded and new drainage swails provided.

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**2010 Recommendations**

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No specific recommendations. IMR projects, including re-roofing and electrical upgrades, should be undertaken.

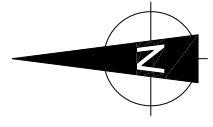
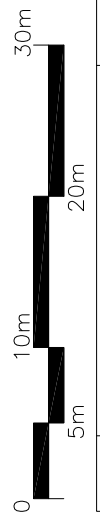
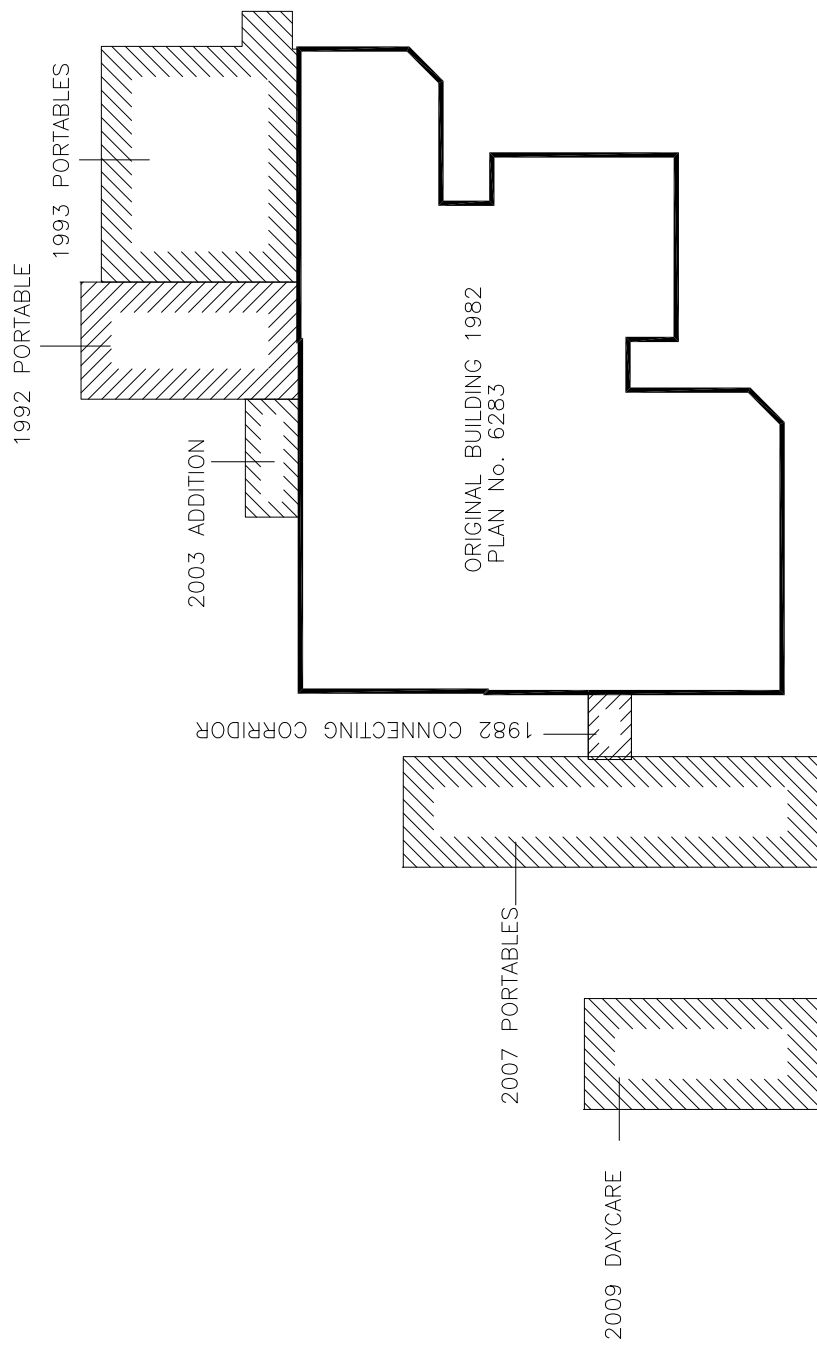
Two additional portables are planned to be added for expected enrolment increases.

## AREA COMPARISON CHART

### PARKLAND VILLAGE SCHOOL K-4

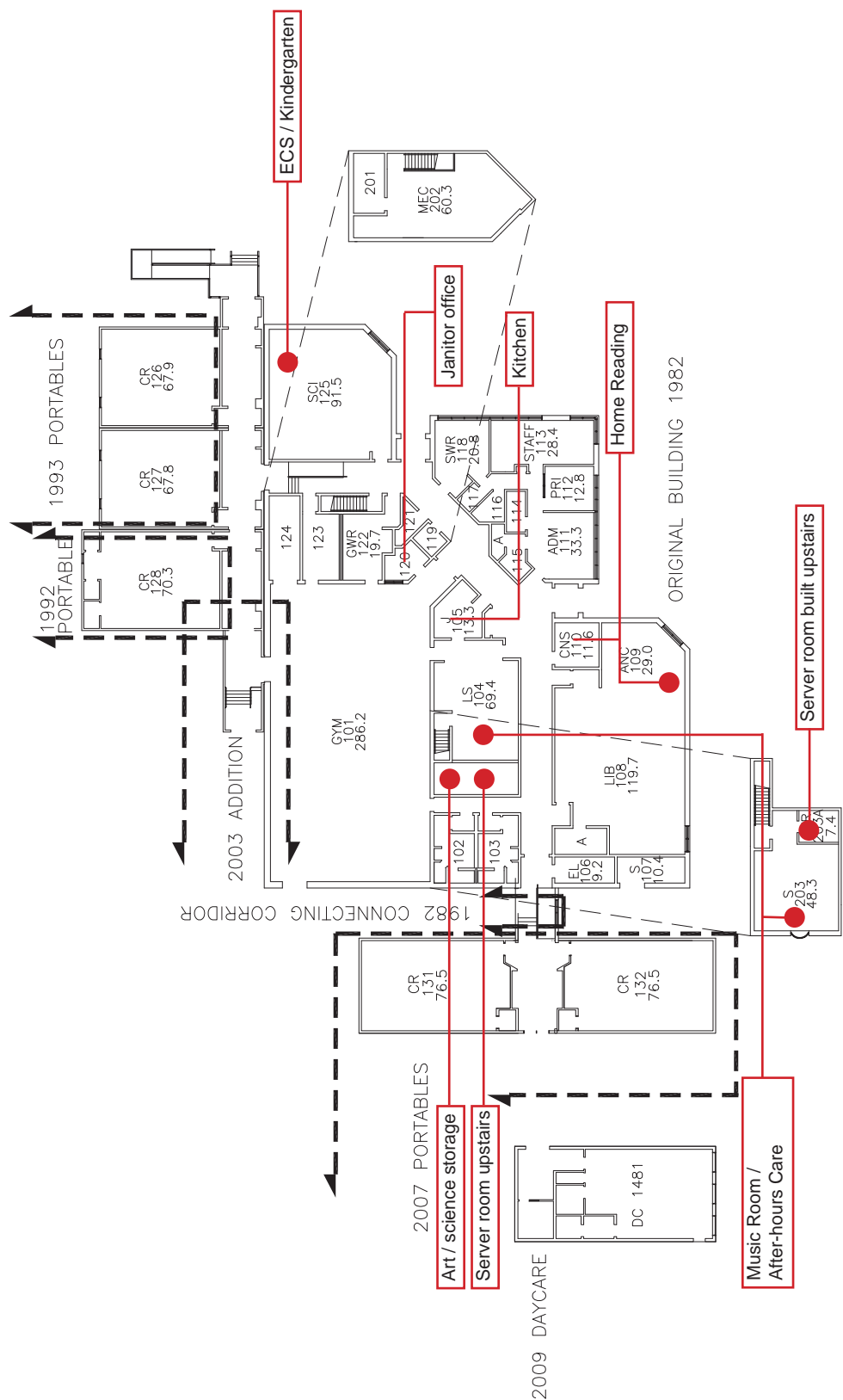
Existing School (150 capacity) Old Method (193 capacity) New Method	Provincial Guidelines (225 capacity school)	Provincial Guidelines (200 Capacity)
0 Classrooms	5 @ 80 = 400	4 @ 80 = 320
0 Science	1 @ 95 sci = 95	1 @ 95 sci = 95
5 Portables totaling 347.7	1 @ 130 anc = 130	1 @ 130 anc = 130
1 Ancillary CR 91.5	1 @ 90 anc	1 @ 90 anc = 90
1 Computer lab 29.0	0	0
Gymnasium 286.2	250	250
Gym storage 15.4	25	25
Library 119.7	80	80
889.5 Total instructional (7 instructional areas)	1,170 (8 instructional areas)	1080 (7 instructional areas)
130 Admin/Staff Areas	227	150
36.8 Physical Education	50	50
252 Circulation	293	270
240 Wall Area	140	130
72 Storage	41	38
35.6 Washrooms	27	24
69.4 Flexible Space	54	48
7.4 Wiring Network	30	30
71.3 Mechanical	80	50
914.5 Total non-instructional	942	789
1,804 Total Area (12.03m <sup>2</sup> /student) Old Method (7.8m <sup>2</sup> /student) New Method	2,112 (9.39m <sup>2</sup> /student)	1,869 (9.35m <sup>2</sup> /student)

The student flex space and upstairs storage are used also as instructional space.



PARKLAND SCHOOL DIVISION #70			
PARKLAND VILLAGE SCHOOL			
#28 - 53222 RANGE RD. 272, SPRUCE GROVE		BID: B4053A	
DATE: 08/02/02		SITE PLAN	
DWN. BY: CW		A.I.	
SCALE: 1:500		SHEET: 1 OF 3	
REV.	CONSTRUCTION	DATE	
5	UPDATED DRAWINGS	08/09/09	
4	UPDATED DRAWINGS	05/09/07	

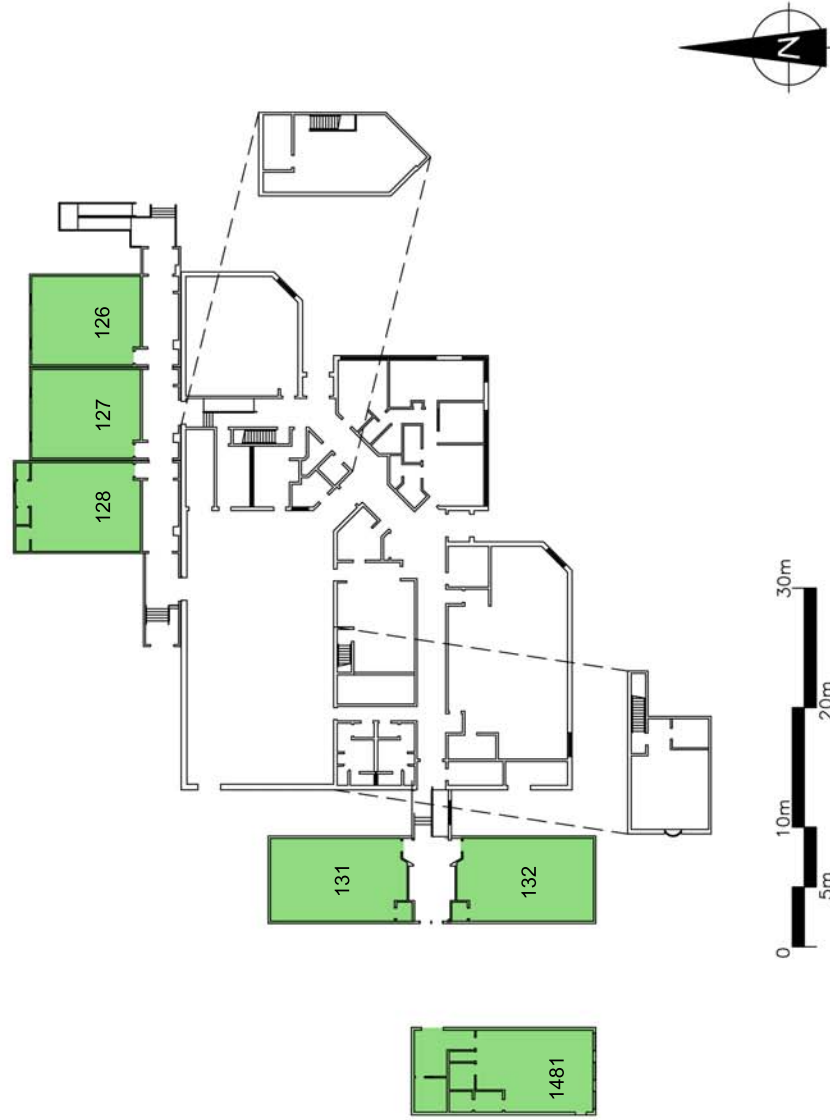
LEGAL DESCRIPTION  
 PARKLAND VILLAGE HOME PARK LTD  
 (NE 1/4 15-53-27-W4)



2010 COMMENTS AND OBSERVATIONS



PARKLAND SCHOOL DIVISION #70			
PARKLAND VILLAGE SCHOOL			
#28 - 53222	RANGE RD. 272, SPRUCE GROVE	FLOOR PLAN	
DATE: 08/02/02	DWN. BY: CW	A.I.	
REV.	CONSTRUCTION	DATE	SCALE: 1:500
5	UPDATED DRAWINGS	14/10/09	BID: B4053A
4	UPDATED DRAWINGS	05/09/07	CODE: ABED1089
REV.		CONSTRUCTION	SHEET: 2 OF 3



#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION No. 70 PARKLAND VILLAGE SCHOOL



# SPRUCE GROVE COMPOSITE HIGH SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1980 Original Building
Additions:	1990 Addition – 2 portables (constructed on site) 1998 Modernization of vocation spaces to CTS program
Grades Served:	10-12
Permanent Classrooms:	44
Portable Classrooms:	2
Gross Area:	11,867.1m2
Capacity:	1260
Enrolment:	1103 Adjusted
Utilization:	87.5%
Instructional Program:	Basic academics plus science, music, art, drama, languages, French Immersion, CTS, foods, marketing, fashion, construction fabrication, cosmetology, automotive mechanics, infomatics, design studies, communications, health, robotics, silkscreen, special education.



View of upper level curved corridor that receives no natural light.



Some student lockers are showing wear and tear. Note the floor settling that requires periodic replacement of floor tiles.

**1995 Study Summary**

High utilization rate and lack of classroom flexibility was a concern. Recommendations included a remodeling of existing underutilized shops into a team teaching CTS computer and technology centres.

The library was noted to be small and without natural light and the science suite requiring upgrades.

**1999 Study Summary**

The modernization of a portion of old vocational shop areas was completed in 1998 creating a state of the art multi-use CTS technology centre that facilitated many CTS strands.

Administration area was increased by expansion into the lobby.

The viability of the beauty culture program was in question.

The library and science suites still were a concern as no upgrading was done. The language lab and foods kitchen were added to the upgrading list as was the desire for a fitness centre.

**2001 Portable Study Summary**

The two portables themselves were noted to be in good condition. The connecting corridor however, was unfinished and unheated. Recommendations included space heaters and minor upgrade.

**2004 Study Summary**

The cosmetology lab has recently been upgraded, however the previously identified areas of concern remain unchanged. (Science rooms, library and kitchen).

A shortage of storage area has been identified.

Roofs and ledges visible from most staircases and 3rd floor north classrooms have a lot of debris and garbage on them that should be cleaned up. There is evidence of some vandalism too.

A further \$404,100 is budgeted for further IMP work to include additional re-roofing, flooring, exterior lighting, window and door upgrades, locker replacement, air conditioning to computer labs, intercom and air intake relocation. The latter is affected by exhaust fumes from the cafeteria.

There is insufficient parking for students and the site access and exits are very congested at bus drop off times. Concern was also experienced with students' jaywalking across Calahoo Drive.

**2010 Observations and Comments**

Upgrading is still required for the language lab, foods kitchen, and science suites.

A shortage of storage space is still a concern.

Difficulties with air balancing in interior classrooms and library is still an issue as is the lack of natural light.

IMR projects related to flooring, exterior lighting, window and door upgrades, locker replacement and air conditioning to computer labs are still ongoing.

Insufficient student parking and congested site access is still a concern.

A desire for a fitness centre remains on the upgrade list.

**2010 Recommendations**

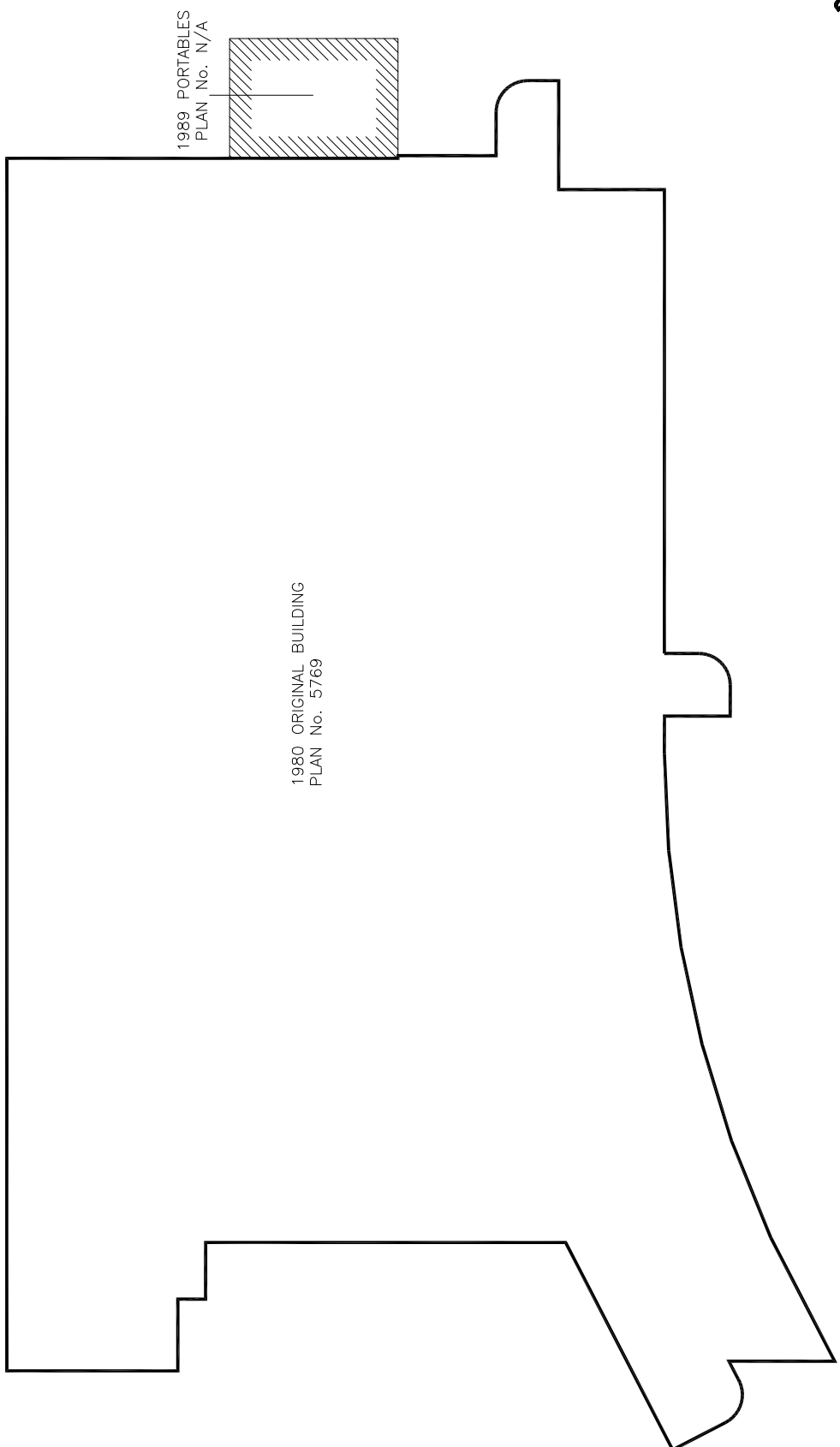
Complete IMR projects including interior upgrades, re-surfacing of gym floors, locker replacements and mechanical and electrical upgrades.

## AREA COMPARISON CHART

### SPRUCE GROVE COMPOSITE HIGH SCHOOL 10 - 12

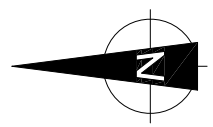
Existing School (1260 capacity)	Provincial Guidelines (1300 capacity school) (net 1260 capacity w/CTS)
25 Classrooms totaling 1938.7	34 @ 80 = 2720
6 Science totaling 754.9	6 @ 120 sci = 720
2 Portables totaling 144.2	2 @ 130 anc = 260
3 Ancillary CR totaling 633.8	5 @ 90 anc = 450
Triple Computer Lab 370.5	5 @ 115 IS = 575
Gymnasium space totaling 991.8	1325
Gym storage 106	133
Library 386.7	585
5,326.6 Subtotal	6,768
<u>1,690.9</u> (9 CTS components)	<u>1,800</u> (add 9 CTS area supplements)
7,017.5 total instructional (48 instructional areas)	8,568 (52 instructional areas)
855.9 Admin/Staff Areas	620
198 Physical Education	290
1,594.7 Circulation	1692
841.8 Wall Area	812
225 Storage	237
167 Washrooms	156
750.5 Flexible Space	312
5.0 Wiring Network	45
211.7 Mechanical (shared)	220
4,849.6 Total non-instructional	4384
11,867.10 Total Area (9.42m <sup>2</sup> /student)	12,952 (9.96m <sup>2</sup> /student)

The school is approximately 1000m<sup>2</sup> short of space for its capacity. The gymnasium and library are the two critical shortages. Although general classroom area is down, the flex space is very generous and supplements for ancillary and activity space. Administration appears generous, but this is due to numerous resource rooms available for breakout space and smaller groupings.



1989 PORTABLES  
PLAN No. N/A

1980 ORIGINAL BUILDING  
PLAN No. 5769

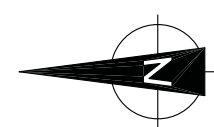
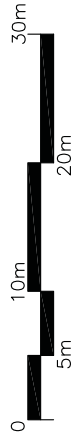


LEGAL DESCRIPTION PLAN 802 1441 (LOT 1) (UNDIVIDED 1/4 INTEREST) (NW3 & SW 10-53-27-W4)		PARKLAND SCHOOL DIVISION #70	
		SPRUCE GROVE COMPOSITE HIGH SCHOOL	
		1000 CALAHOO ROAD, SPRUCE GROVE	
3	UPDATED DRAWINGS	DATE: 12/02/02	BID: B4055A
2	UPDATED DRAWINGS	DWN. BY: CW	CODE: ABED1081
REV.	CONSTRUCTION	DATE	SHEET: 1 OF 5
		SCALE: 1:600	
		SITE PLAN A.I.	



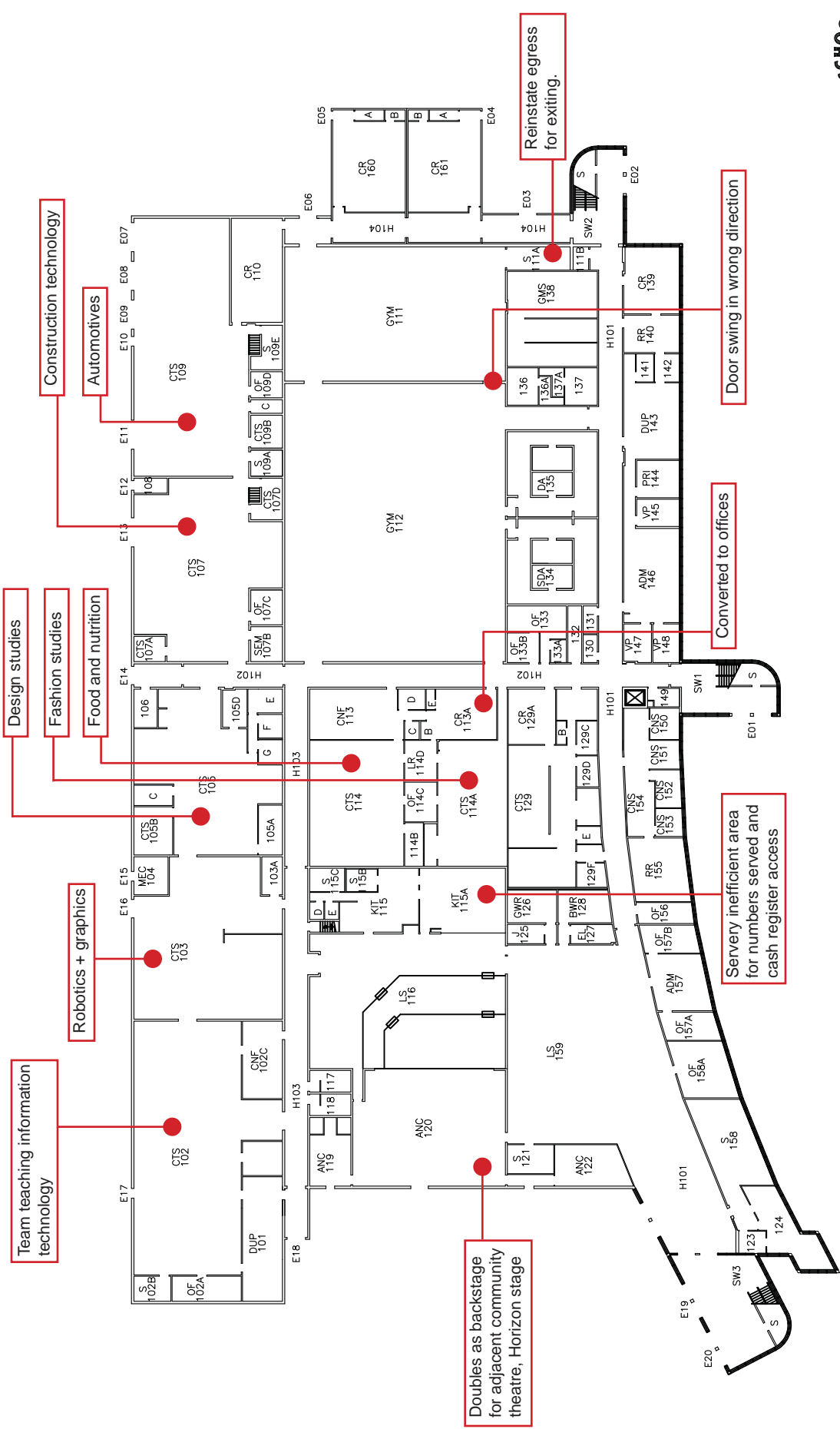
PARKLAND SCHOOL DIVISION #70	
SPRUCE GROVE COMPOSITE HIGH SCHOOL	
1000 CALAHOO ROAD, SPRUCE GROVE	
DATE: 02/02/12	FLOOR PLAN
DWN. BY: SCS	MAINTENANCE
SCALE: 1:600	
PLOT ID: 01605A	
CODE: 67	
SHEET: 1 OF 3	

1.	UPDATED DRAWINGS	02/02/12	DATE
REV.	CONSTRUCTION		



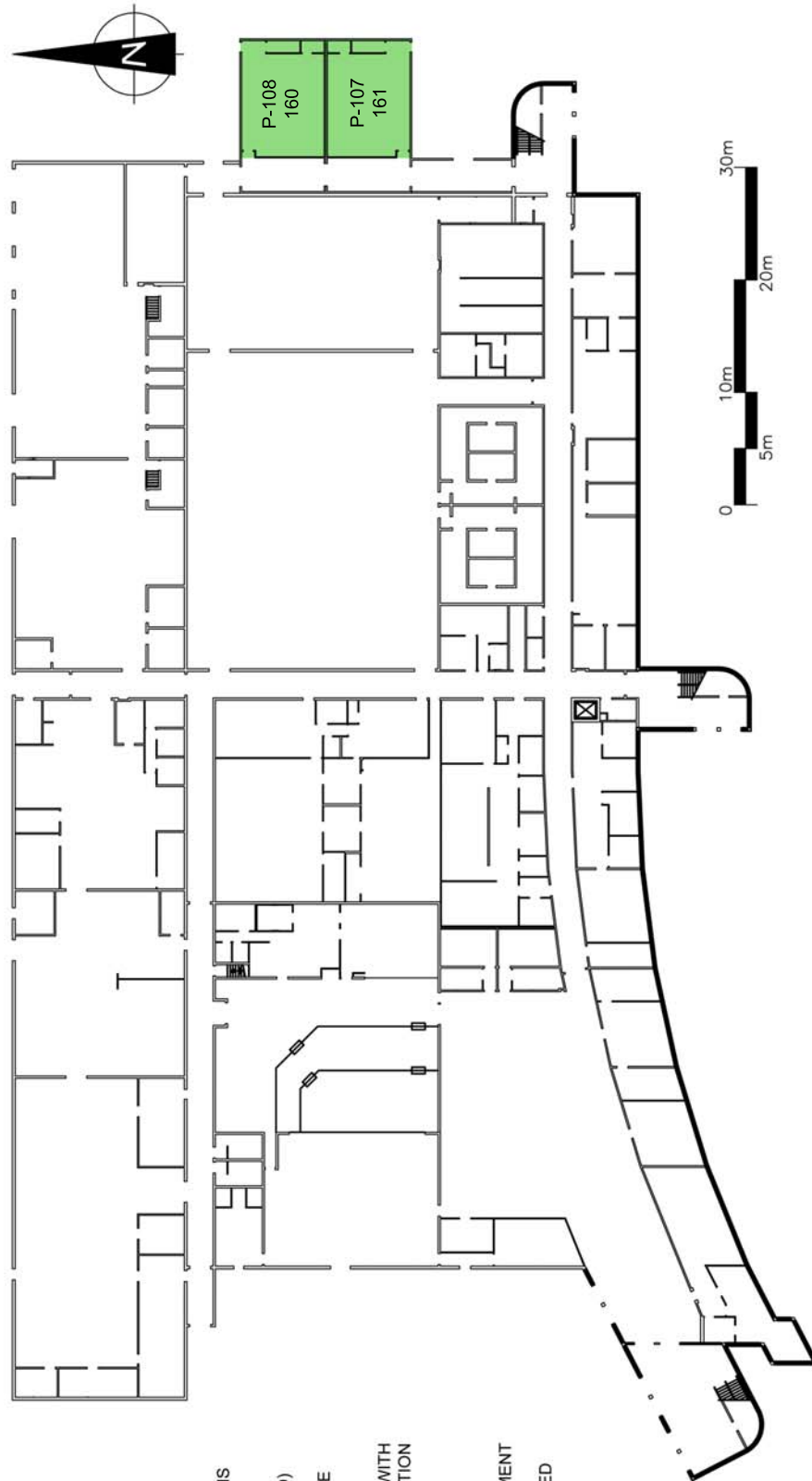
## 2010 COMMENTS AND OBSERVATIONS

LEGAL DESCRIPTION  
PLAN 802 1441  
(LOT 1) (UNDIVIDED 1/4 INTEREST)  
(NW3 & SW 10-53-27-W4)









2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

MAY 2001 PORTABLE STUDY - WOOD O'NEILL O'NEILL ARCHITECTS

PARKLAND SCHOOL DIVISION No. 70 SPRUCE GROVE COMPOSITE HIGH SCHOOL



# WOODHAVEN MIDDLE SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1975 Original Building
Additions:	1975 Addition – 8 portables (constructed on site) 1979 Addition – 4 portables (constructed on site) 1986 Addition – 2 portables (constructed on site) 1988 Addition – 2 portables (constructed on site) 1999 Addition – LRC, drama, science and classroom 1999 Renovation – Former library, 2 classrooms to student lunch / seminar area, relocation of 8 portables on site. 2005 Renovation - Parking and bus lane upgrade
Grades Served:	5-9
Permanent Classrooms:	11
Portable Classrooms:	16
Gross Area:	5521.53m <sup>2</sup>
Capacity:	638
Enrolment:	571 Adjusted
Utilization:	89.5%
Instructional Program:	Basic academics plus French Immersion, CTS; industrial education, home economics, computers, second languages, fine arts, drama, music, art, special education, PACE.



The main school corridor is 32m (105ft) in length



This lunch/study area was part of the 1999 addition. The adjacent library also new is too small for school capacity. Expansion may be possible into a portion of this area.



The home economics lab requires upgrading and is too small at 130m<sup>2</sup>



A crowded central custodial offices/storage room is located at the main entrance. A better location would be near the delivery area freeing up this space for a more welcoming entrance.



These two views are of the CT shop areas. Some equipment spacing could be upgraded and additional CTS computer lab spaces created.



One portable has been upgraded and divided into a counseling room and SED conference room/suite.



Corridor serving newest portables has been modernized and is in good condition. Corridor in north portables is very congested and lockers damaged.

**1995 Study Summary**

The school was experiencing crowded conditions as sixteen portables were attached to a small core. There was insufficient or non-existent area for student-gathering, gymnasium, computer lab, science. Recommendations included the addition of 2 science classrooms, a second gym, new computer room and student gathering space.

**1999 Study Summary**

A major addition along with modernization was underway, creating student gathering, new library, drama room, science and general classroom. The work included some redistribution of the portables around the addition to the core. Home Economics condition was a concern, as was a shortage of administration space and the gym was not expanded. Technology improvements to CTS labs were required. Air quality in the portables needed to be addressed. All of the above problem areas were recommended for future work.

**2001 Portable Study Summary**

Twelve of the sixteen portables were rated poor, eight were recommended for disposal, and the balance for upgrade. An addition was recommended for classrooms in lieu of the disposed portables.

**2004 Study Summary**

The many functional area shortages that were identified as far back as 1995 are still outstanding. The 1999 work only solved some of them. Area shortages are still an issue for gymnasium space, library, science, administration, home economics, change rooms, gym and general storage.

The running track is in poor repair.

A further \$179,800 has been flagged for replacement of the fire alarm and intercom systems, duct cleaning, haz mat study and remaining re-roofing. The city will be addressing the track issue.

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**2010 Observations and Comments**

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Area shortages continue to be an issue for the gymnasium, library, science, administration and general storage.

The running track continues to be in poor repair.

Many spaces are fragmented with no clear gathering area or focal space.

Within two (2) years, the school will be lacking in teaching space. At that time, activity spaces will need to be used for classrooms.

Sound transfer is an issue in classrooms 120, 121, 126 & 127.

Additional and more dedicated drama space is required. The choral program also requires space.

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**2010 Recommendations**

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Plan for an addition / modernization that includes additional classroom, gymnasium, library and administration space.

Replace eight (8) existing portables on the North end of the school with new units.

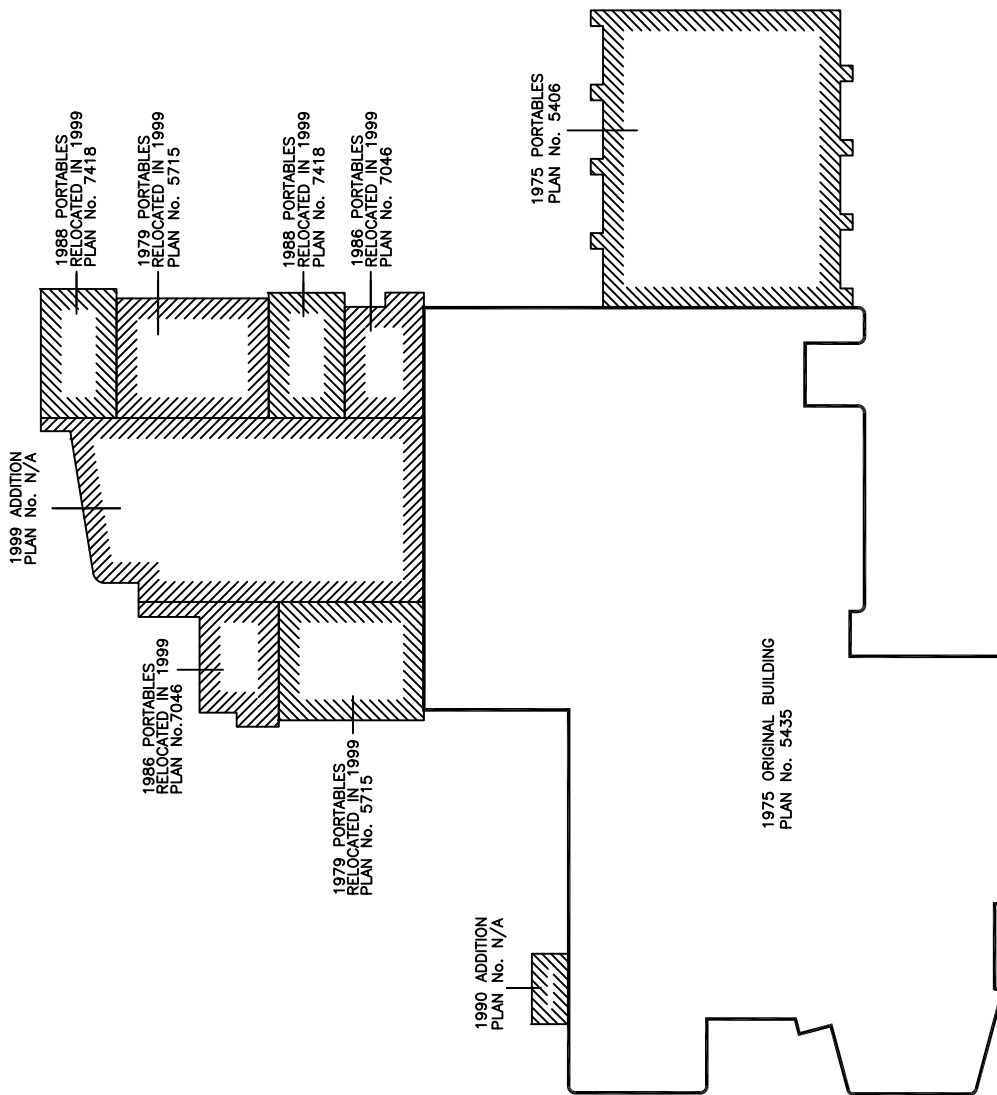
Complete IMR projects which include mechanical, electrical and interior flooring upgrades.

## AREA COMPARISON CHART

### WOODHAVEN MIDDLE SCHOOL 5-9

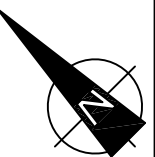
Existing School (665 capacity) Old Method (638 capacity) New Method	Provincial Guidelines (650 capacity school)
2 Classrooms totaling 137.6 16 portables totaling 1130.4 2 Science totaling 227.1	16@ 80 = 1280  3 @ 120 sci = 360 2 @ 130 anc = 260
3 Ancillary CR totaling 360.2 2 Computer labs totaling 192.5 Gymnasium space totaling 453.3 Gym storage 103.4 Library 174.2	3 @ 90 anc = 270  2 @ 115 IS = 230 815 82 260
2778.7 Subtotal <u>385.7</u> (2 CTS components)	3,557 <u>400</u> (add 2 CTS area supplements)
3,164.4 total instructional (27 instructional areas)	3,957 (26 instructional areas)
307.9 Admin/Staff Areas 143 Physical Education 720 Circulation 545.8 Wall Area 99.7 Storage 55.2 Washrooms 339.1 Flexible Space 19.8 Wiring Network 146.4 Mechanical	397 160 889 427 124 78 156 40 140
2,357.1 Total non-instructional	2411
5,521.5 Total Area (8.65m <sup>2</sup> /student)	5,968 (9.18m <sup>2</sup> /student)

Notes: The gymnasium, library and administration areas are significantly under provincial guidelines. Also, the average classroom size is under area. Student flex space however is twice the provincial guidelines, and is positioned well to provide area for library expansion.



# PARKLAND SCHOOL DIVISION #70

WOODHAVEN MIDDLE SCHOOL		475 KING STREET, SPRUCE GROVE	
DATE: 03/02/02		BID: B4059A	
DWN. BY: CW		CODE: ABED1093	
SCALE: 1:750		SHEET: 1 OF 3	



LEGAL DESCRIPTION  
PLAN 872 2925  
BLOCK 6, LOT 2  
(NW 3-53-27-W4)





## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 WOODHAVEN MIDDLE SCHOOL

# BLUEBERRY SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1982 Original Building
Additions:	1980 Addition – 13 portables (constructed on site 1980) 1990 Addition – 1 portable (constructed on site 1990) 1992 Addition – 5 classroom (permanent construction) 1993 Addition – 5 classrooms 1997 Addition – Gymnasium addition, 2 multi-purpose rooms, new library, 2 classrooms 1997 Modernization – former library to CTS lab, relocation of 15 portable classrooms
Grades Served:	K-9
Permanent Classrooms:	17
Portable Classrooms:	15 plus 1 for storage and 1 for washrooms
Gross Area:	6208.19m <sup>2</sup>
Capacity:	673
Enrollment:	506.5 Adjusted
Utilization:	75.3%
Instructional Program:	Basic academics plus special education, art, music, drama, computers, business studies, CTS, Home Economics, Food Studies, special needs.



The main entrance sidewalk and adjacent grounds require re-grading to prevent ponding and ice build-up.



One of two multi-purpose areas that form the focus for groupings of portable classrooms of 6 and 9.

**1995 Study Summary**

At this time the school was full at 104% utilization. Additional classroom space was needed including small group breakout spaces, and a third science classroom. Noted also that the existing gymnasium was too small for a school of this size by 325m<sup>2</sup>. There were little facilities for CTS Home Economics instruction.

**1999 Study Summary**

A significant addition took place in 1997 that resolved a great number of the functional program space shortages. Two multi-purpose ancillary classrooms became the central gathering/lunch study focal points for 13 rearranged and refurbished portable classrooms. These multi-purpose ancillaries are also used for science instruction.

A second smaller gymnasium addition in 1997 provided additional physical education instructional space.

Recommendations of the 1999 study included parking improvements and the provision of smaller breakout areas for independent or special needs instruction. Increased school capacity lowered utilization to 85%.

**2001 Portable Study Summary**

Short term upgrading of the portables was recommended with longer-term partial replacement with permanent classrooms to align with expected lower enrolment/utilization rate in the future.

The 2001 utilization was 78%.

**2004 Study Summary**

Portable classroom upgrading, furnace replacements, has continued along with remedial work to improve mechanical, electrical and roofing. Completed value of work since 1999 is \$165,589 with a further \$186,000 slated for future upgrades including roof replacement, mechanical and electrical items, some flooring replacement and new siding and windows on the portables.

**2010 Observations and Comments**

Acoustics is a concern in the small gymnasium due to lack of acoustic deadening surfaces. The hard surfaces cause considerable echo, making teaching difficult.

The stage carpet is worn and requires replacement.

Computer drops have been requested for the central ancillary spaces at the East end of the school.

Surface ponding continues to be an issue at the South-West corner of the school.

Classroom units 169 - 172 are to be replaced by units from Memorial Composite High School.

**2010 Recommendations**

- Continue with identified IMR project improvements. The highest priority is to provide acoustic baffles in the small gymnasium.
- Re-grade site to the South of the school in order to deal with surface ponding.
- Replace flooring in Drama Room 117 to an appropriate durable material, suitable for performances and for instruction.
- Identified mechanical and electrical IMR upgrade items as well as re-roofing should be continued.

## AREA COMPARISON CHART

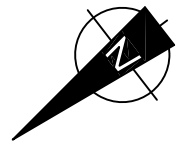
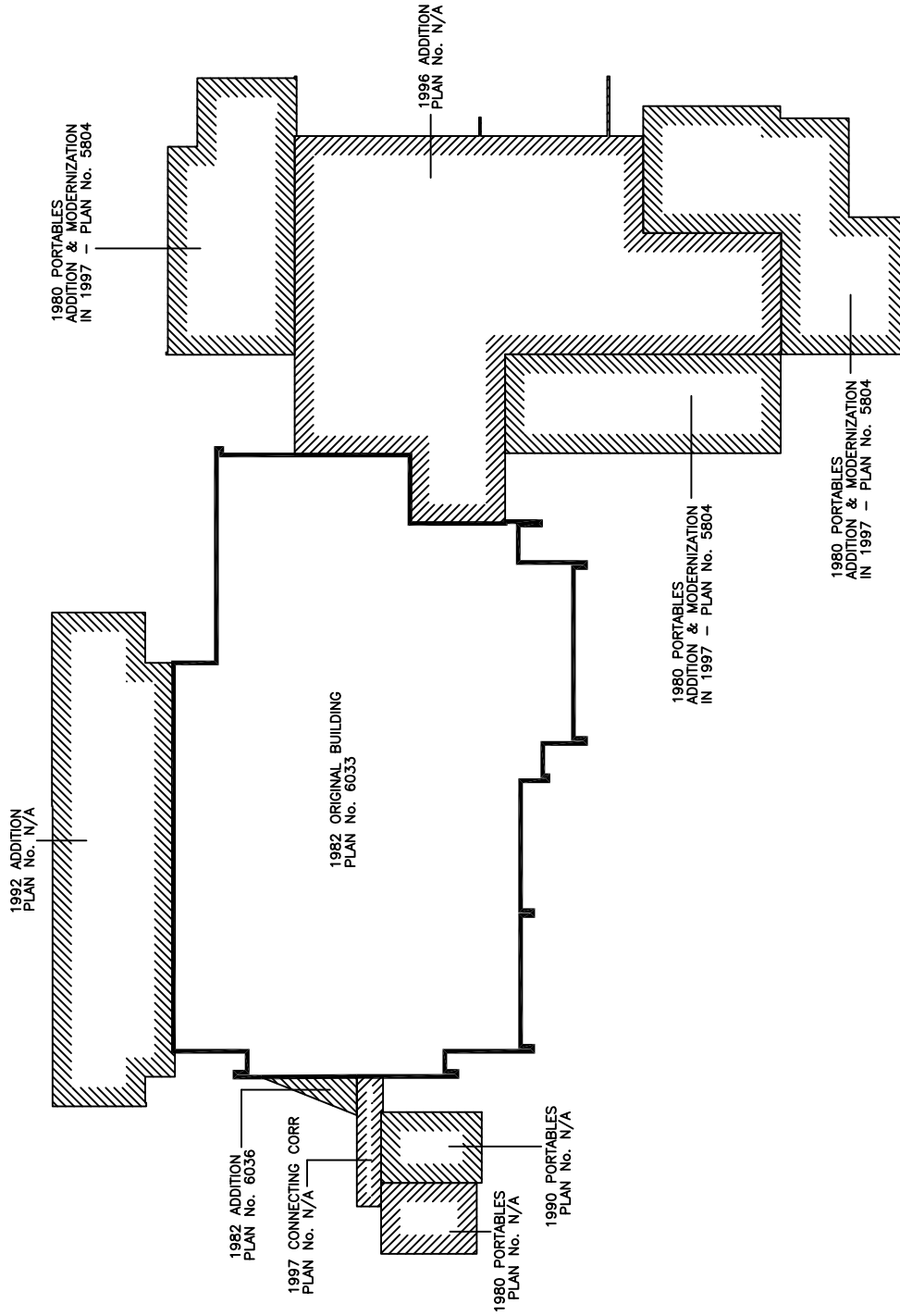
### BLUEBERRY SCHOOL K-9

Existing School (715 capacity) Old Method (723 capacity) New Method	Provincial Guidelines (675 capacity school)	
7 Classrooms totaling 507.4	17 @ 80 = 1360	
2 Science totaling 201.1	1 @ 95 sci	
15 Portables totaling 1077.6	2 @ 120 sci = 240	
5 Ancillary CR totaling 687.9	2 @ 130 anc = 260	
1 CTS Computer Lab totaling 190	3 @ 90 anc = 270	
Gymnasium space totaling 701.8	2 @ 115 IS = 230	
Gym storage 28.3	705	
Library 271.3	71	
3665.4 Subtotal	270	
(1 CTS taught in classrooms and IT lab)		
total instructional		
(30 instructional areas)	(30 instructional areas)	
370.7 Admin/Staff Areas	537	
105 Physical Education	130	
985 Circulation	875	
615.1 Wall Area	420	
86.8 Storage	123	
79.9 Washrooms	81	
118.4 Flexible Space	162	
16.6 Wiring Network	40	
165.3 Mechanical (shared)	200	
2542.8 Total non-instructional	2368	
6,208.19 Total Area (8.68m <sup>2</sup> /student)	5,868	
Old Method	(8.69m <sup>2</sup> /student)	
(8.59m <sup>2</sup> /student) New method		

Although utilized in different ways, the total school area is higher than the guidelines. Student gathering occurs in CTS space next to kitchen and on stage. Staff support areas are under area.

PROPERTY LINE

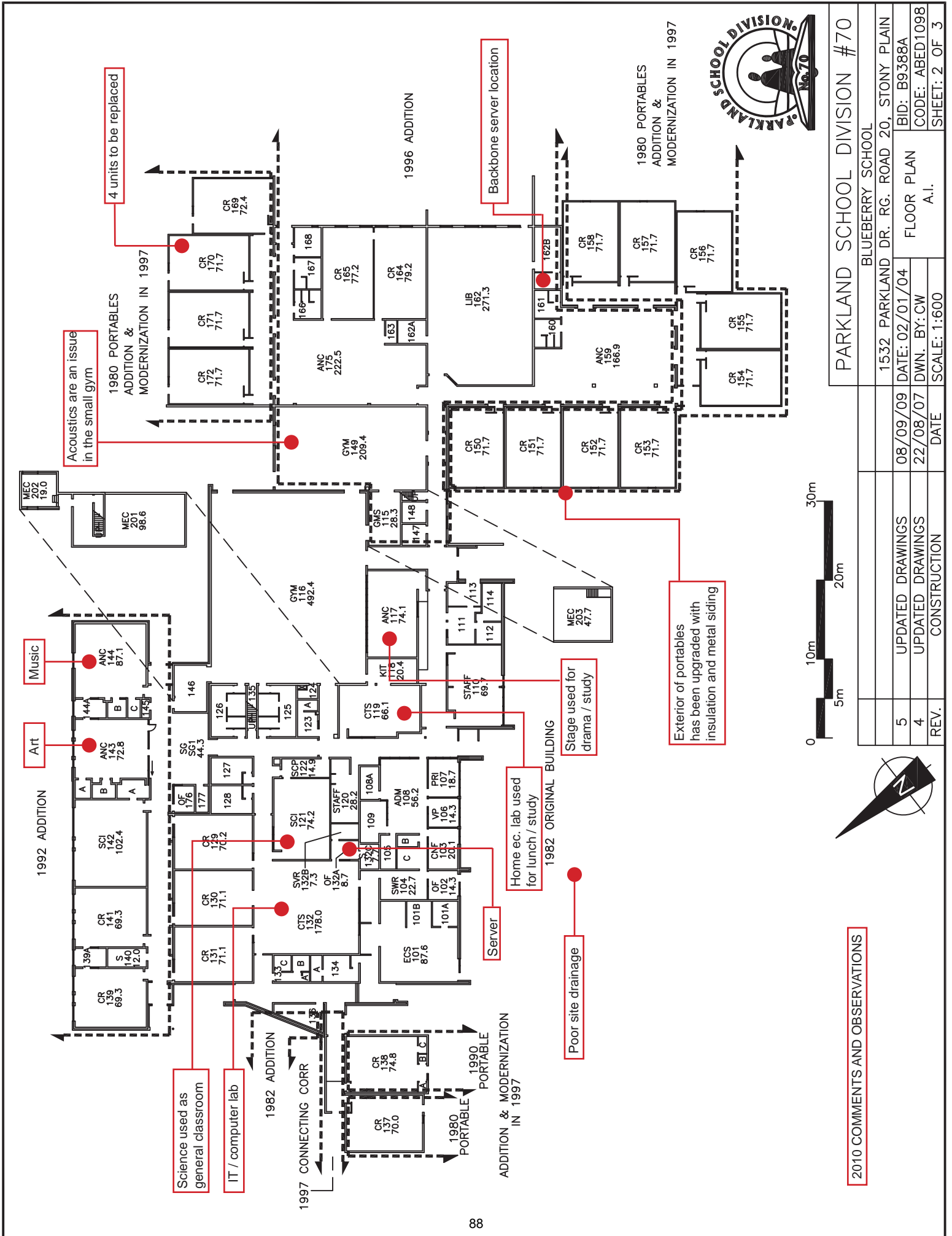
PROPERTY LINE

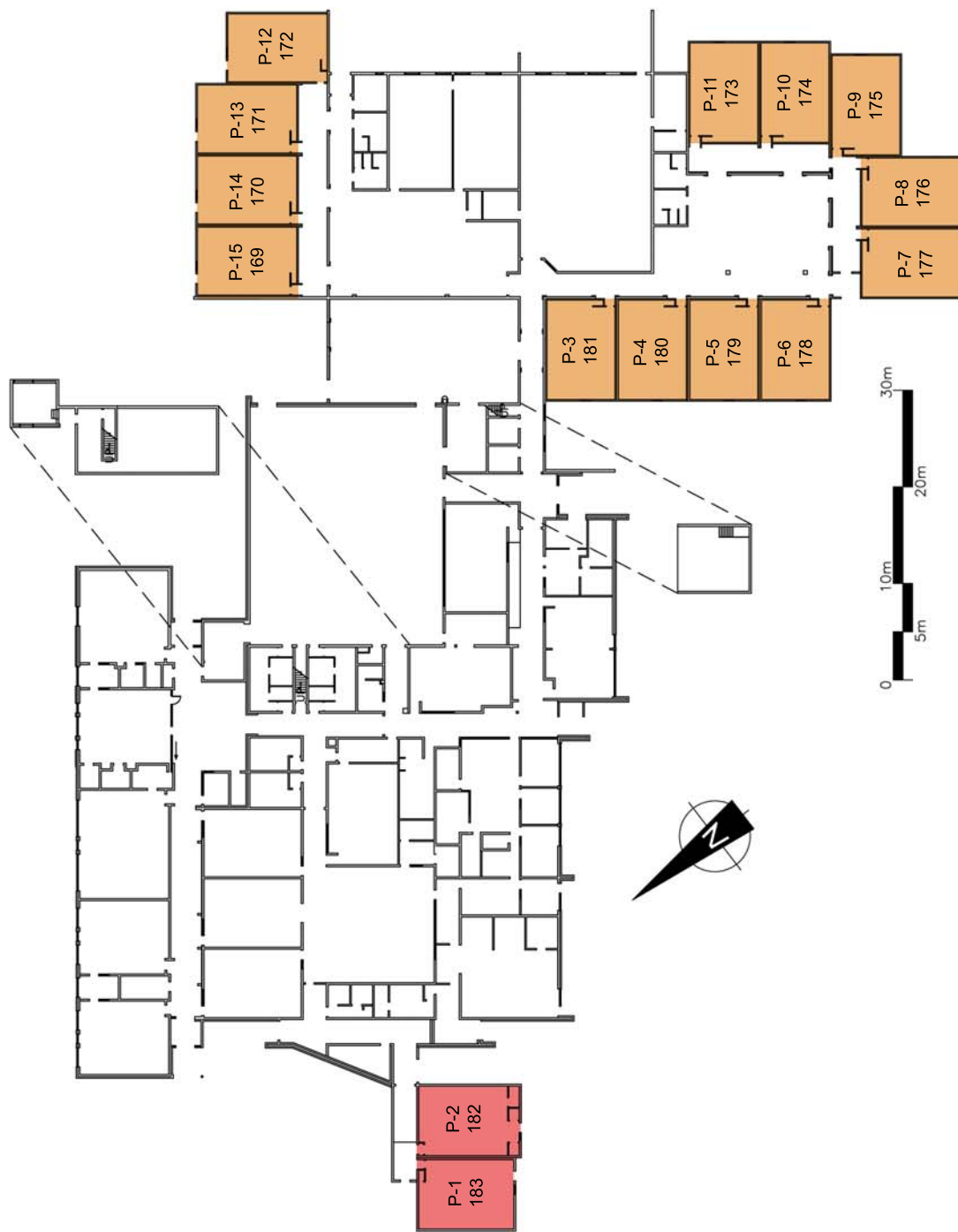


# PARKLAND SCHOOL DIVISION #70

BLUEBERRY SCHOOL		1532 PARKLAND DR. RG. ROAD 20, STONY PLAIN		BID: B9388A	
08/09/09		DATE: 02/01/04		SITE PLAN	
22/08/07		DWN. BY: CW		CODE: ABED1098	
REV.		DATE		A.I.	
CONSTRUCTION		SCALE: 1:750		SHEET: 1 OF 3	

LEGAL DESCRIPTION  
PLAN 822 2413  
BLOCK 1  
LOT 15MR  
(SW 6-53-1-W5)





#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

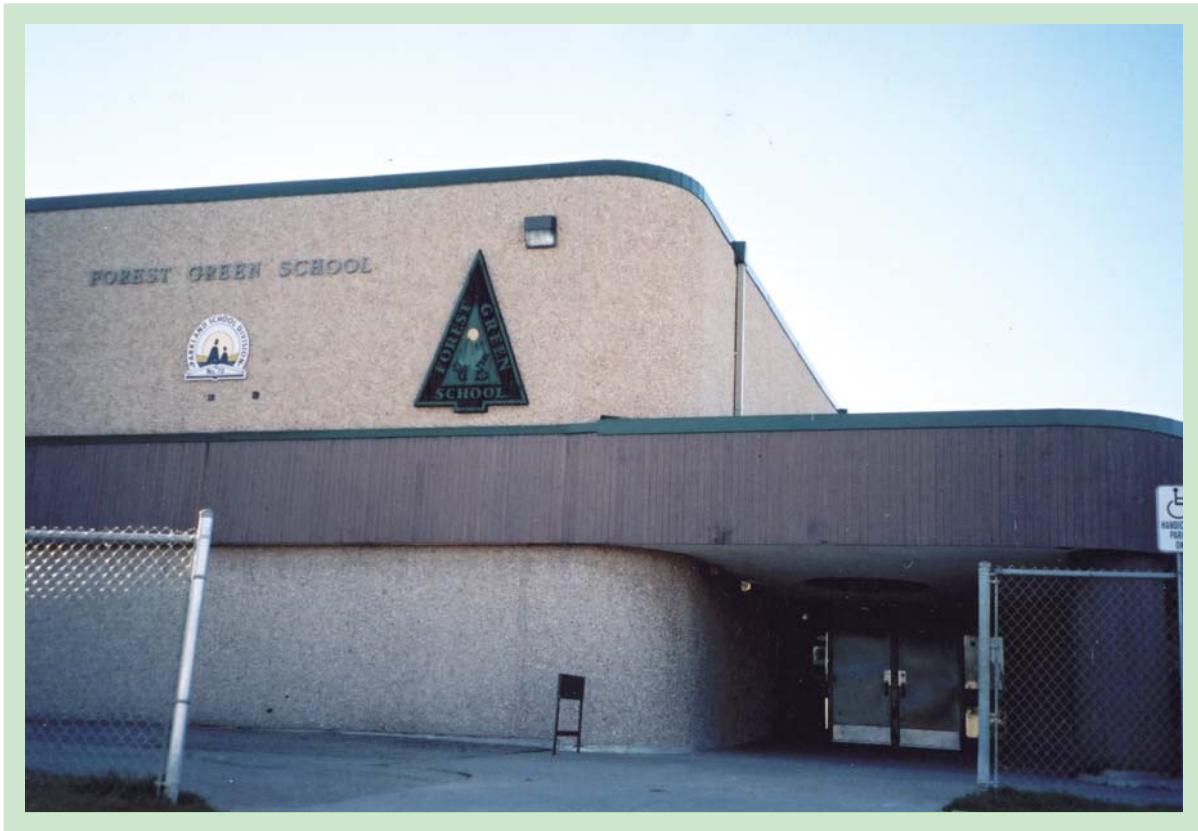
## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 BLUEBERRY SCHOOL



# FOREST GREEN SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1980 Original Building
Additions:	1977 Addition – 6 Portables (constructed on site in 1977 and removed in 2004) 1989 Addition – 2 portables added and later removed 2004 Addition – 4 permanent classrooms added. 6 portables removed
Grades Served:	K-6
Permanent Classrooms:	11 + stage
Portable Classrooms:	0
Gross Area:	2581.41m2
Capacity:	308
Enrolment:	259 Adjusted
Utilization:	84%
Instructional Program:	Basic academics plus special education, art, music, special needs, computers



Approach road to the school and parking can be congested with parent's vehicles before/after school. New parents require information on protocols in regards to drop-off zones and no parking areas during bussing times.



Column bases and exterior siding on both columns and fascia have deteriorated. This does not make a good first impression for the main public entrance to the school.



The school library is centrally located in a classroom cluster and has the benefit of natural light through south facing clearstory windows.



The moveable stage door between the gymnasium and stage/music room is quite damaged. Acoustic separation between the two rooms is a concern as well.

**1995 Study Summary**

Observations were that the school and portables were in good condition and could accommodate increased enrolment if required. The only recommendations at that time were for some floor finish upgrades.

**1999 Study Summary**

Increased enrolments of special needs students contributed to congestion in boot rooms and administration areas. Some spaces such as the computer room, music room and showers were problematic. Upgrades were recommended for the computer room, administration area, boot rooms and music room ceiling. It was also suggested to convert unused shower rooms to storage and kitchen expansion space, and repair roof leaks at the central boot room. Administration office privacy was noted as a concern.

**2001 Portable Study**

This study identified very poor conditions of all 6 portable classrooms due to high water table soils and recommended replacement with permanent construction. Also, it was noted that 2 portables encroached onto adjacent city property.

**2004 Study Summary**

The main entrance and school approach requires an update to create a more welcoming appearance.

The encroachment onto city property has been resolved with an encroachment agreement.

The south schoolyard fence does not touch the ground allowing balls to roll underneath into the forested area.

Ponding is noticeable near the northeast corner of the gymnasium.

**2010 Observations and Comments**

The classroom addition has been completed since the last facility plan.

Site drainage is a concern at the North-East corner of the gymnasium. Due to the flatness of the site, a drainage swail should be considered.

Acoustic separation is a concern between the gymnasium and the music room.

The entrance foyer of the school is in need of updating. This project is being undertaken by the school.

Considerable upgrading has taken place since the 2004 classroom addition. This includes roofing, mechanical, electrical and interior upgrades.

**2010 Recommendations**

The exterior continues to need refurbishing, most notably the columns and wood fascia.

The moveable stage door should be repaired to improve the appearance and increase acoustic separation.

Replace counter tops and remove sinks from classroom 106 as this is no longer used as a science room.

Conduct hazardous material survey.

## AREA COMPARISON CHART

### FOREST GREEN SCHOOL K-6

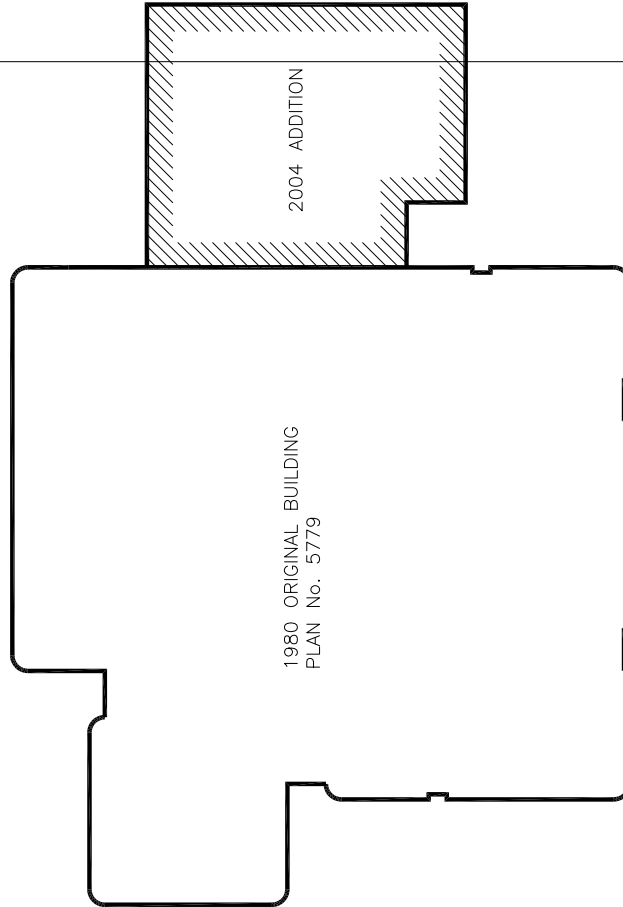
Existing School (308 capacity) New Method	Provincial Guidelines (325 capacity school)	
9 Classrooms totaling 693.52	9 @ 80 = 720	
0 Science	1 @ 95 sci 1 @ 130 anc = 130	
2 Ancillary CR totaling 215	2 @ 90 anc = 180	
1 CTS/Computer Lab 73.6		
Gymnasium 307.6	430	
Gym storage 18	43	
Library 293	130	
1600.72 Subtotal	1728	
total instructional (12 instructional areas)	(13 instructional areas)	
224.4 Admin/Staff Areas	307	
78.8 Physical Education	70	
248.16 Circulation	432	
171.81 Wall Area	207	
148.4 Storage	60	
25.2 Washrooms	39	
0 Flexible Space	78	
6.2 Wiring Network	30	
78.1 Mechanical (shared)	120	
981.07 Total non-instructional	1224	
2581.79 Total Area (8.35m <sup>2</sup> /student) New method	2952 (9.08m <sup>2</sup> /student)	

Large library includes circulation for 8 instructional areas. Instructional space missing is science, ancillary and sufficient gymnasium area. The stage doubles for music and student lunch area, otherwise flexible space is missing.

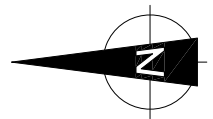
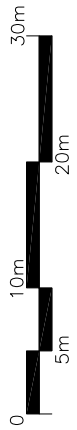
PROPERTY LINE

PROPERTY LINE

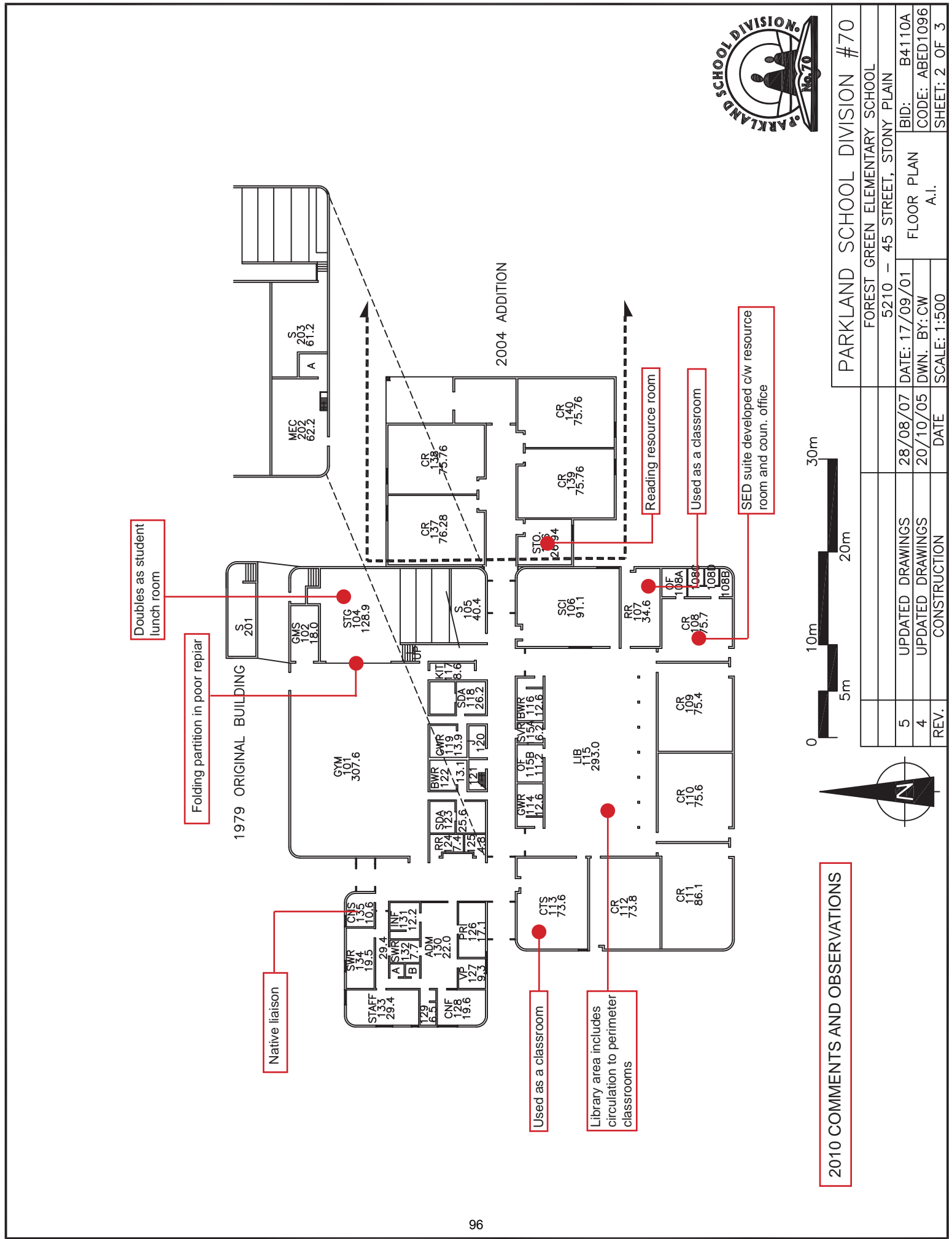
PROPERTY LINE



PARKLAND SCHOOL DIVISION #70			
FOREST GREEN ELEMENTARY SCHOOL		5210 - 45 STREET, STONY PLAIN	
BID:	B4110A	SITE PLAN	
CODE:	ABED1096	A.I.	
DATE: 17/09/01		SCALE: 1:600	
DWN. BY: CW		DATE	
REV.		CONSTRUCTION	



LEGAL DESCRIPTION  
PLAN 782 0296  
BLOCK 7  
LOT 5



PARKLAND SCHOOL DIVISION #70			
FOREST GREEN ELEMENTARY SCHOOL			
5210 - 45 STREET, STONY PLAIN			
BID:	B4110A		
CODE:	ABED1096		
FLOOR PLAN		A.I.	
DATE	20/10/05	SCALE	1:500
REV.	CONSTRUCTION	DATE	
5	UPDATED DRAWINGS	28/08/07	DATE: 17/09/01
4	UPDATED DRAWINGS	20/10/05	DWN. BY: CW
REV.		CONSTRUCTION	DATE

2010 COMMENTS AND OBSERVATIONS



January 2005 addition completed.  
Replaced six portables

## 2010 COMMENTS AND OBSERVATIONS

PARKLAND SCHOOL DIVISION #70			
FOREST GREEN ELEMENTARY SCHOOL			
5210 - 45 STREET, STONY PLAIN			
5	UPDATED DRAWINGS	28/08/07	DATE: 17/09/01
4	UPDATED DRAWINGS	20/10/05	DWN. BY: CW
REV.	CONSTRUCTION	DATE	SCALE: 1:500
FLOOR PLAN		A.I.	
BID: B4110A		CODE: ABED1096	
SHEET: 2 OF 3		SHEET: 2 OF 3	



# HIGH PARK SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1992 Original Building
Grades Served:	K-9
Permanent Classrooms:	17
Portable Classrooms:	0
Gross Area:	4200.00m2
Capacity:	478
Enrolment:	411 Adjusted
Utilization:	86%
Instructional Program:	Basic academics plus special needs, Life Skills, art, music, drama, CTS.



The community use evening entrance is often mistaken for the main school entrance due to its adjacency to the parking lot. These doors are now locked during school hours.



South facing landscaping in between the above two entrances has spring melt ponding problems due to snow build-up combined with poor surface drainage. Portions of this area require resurfacing/regrading.



Interior view of the staff entry which would better serve the school layout and parking if it was the main school entrance. However, the administration office would require rearrangement to enable good supervision of both this entrance and the parking and tarmac play area.



The existing main entrance is not located well for the site/site supervision when most traffic enters from the other 2 doors.



View looking north over the library is a wonderful inviting focus of the school. Some glazed half walls have been introduced to increase acoustic privacy for library users.



Looking south over the library towards the main entrance and administration area. Circulation spaces and nooks around the library provide individual break-out student study stations.



The interior metal sloped roof within the music room should be replaced with more sound absorptive material and could become a mezzanine storage shelf. Storage available for the music room is grossly inadequate.

**1995 Study Summary**

At this time the school was operating at maximum capacity levels. Improved areas to accommodate increasing numbers of special needs students were recommended.

**1999 Study Summary**

Still operating at maximum capacity, High Park was observed to be coping well with the high enrolment. Concerns at that time were for poor gymnasium lighting, humidity and temperature concerns in the computer room and more area required for special needs students.

**2001 Portable Study Summary**

Recommended that BQRP projects such as lighting and finishes upgrades be completed.

**2004 Study Summary**

Further roofing corrections are required due to moisture penetration into the brick cavity walls of northwest and west facing gymnasium. Some roof leaks were noted in hallway 104 adjacent to the music room. See photos.

Lack of general music and textbook storage areas are a major concern.

There is an acoustic problem between the music room 113 and adjacent classroom 122. The sloped mid wall interior metal roof in the music room is purely decorative and would be better removed and replaced with much needed storage area.

A number of issues regarding school entrances were noted. The community use entrance is perceived from the parking lot as the main school entrance. If unlocked, members of the community have entered the school through this entrance without registering at the general office, which is a security concern. The real main entrance is located around the southeast corner where there is no parking and is itself invisible from the parking area. The current staff entrance is in the best location to become the main school entrance if back-up spaces were rearranged and more presence created at this entrance.

Several locations on site have problematic ponding, resulting in mud pockets and damaged landscaping.

**2010 Observations and Comments**

Acoustic problem between music room and classroom 122 continue to be an issue.

The confusion regarding the school entrance continues to be an issue. As outlined in the 2004 update, the staff entrance door would serve well as the school entrance if interior spaces were rearranged.

Ponding continues to be an issue on the site with sidewalk heaving noted.

Although utilization is at 86%, a number of science, ancillary and CTS rooms are being used as classrooms. Computer stations have been moved into the library and corridors.

Roofing has been repaired along the Northwest parapet.

**2010 Recommendations**

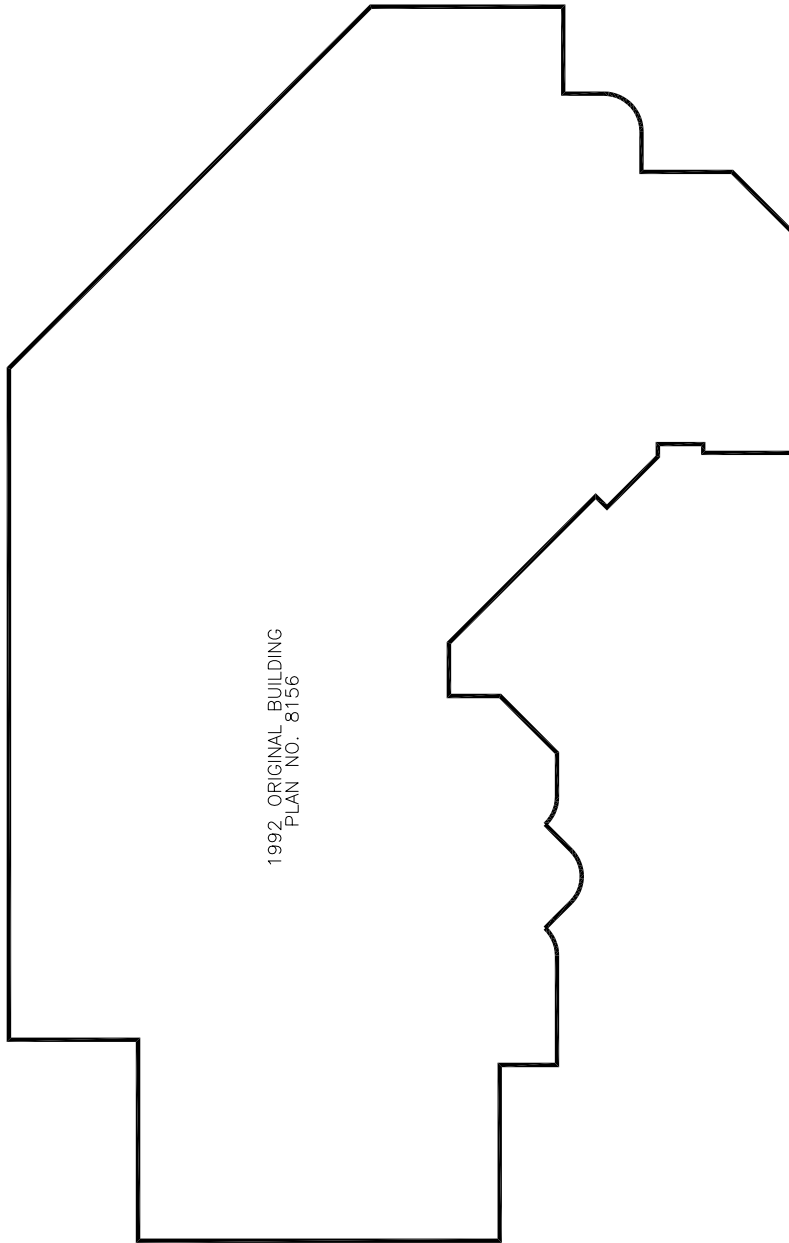
- Paint exterior doors and replace as required.
- Flooring should be replaced in the library as well as at the community entrance, staff entrance, main school entrance and staff washroom.
- Regrade and re-surface to provide proper drainage on site.
- Confusion over the school entrance should be addressed by developing the staff entrance and related interior spaces.

## AREA COMPARISON CHART

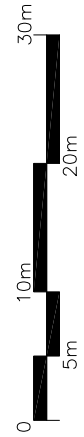
### HIGH PARK SCHOOL K-9

Existing School (475 capacity) Old Method (411 capacity) New Method	Provincial Guidelines (475 capacity school)	
9 Classrooms totaling 717.5	12 @ 80 = 960	
2 Science totaling 224.8	1 @ 95 sci	
5 Ancillary CR totaling 452.3	1 @ 120 sci = 120	
1 CTS Computer Lab totaling 82.8	1 @ 130 anc = 130	
Gymnasium 588.6	3 @ 90 anc = 270	
Gym storage 83.9	1 @ 115 IS	
Library 307.7	515	
2,452.6 Subtotal	52	
(CTS components in Computer Labs)	190	
instructional		
(17 instructional areas)	2447	
	(19 instructional areas)	
286.8 Admin/Staff Areas	307	
137.2 Physical Education	100	
630 Circulation	612	
328.5 Wall Area	294	
47.8 Storage	86	
82.6 Washrooms	57	
0 Flexible Space	114	
8.9 Wiring Network	40	
222.6 Mechanical (shared)	120	
1,744.4 Total non-instructional	1,729	
4,200 Total Area (8.42m <sup>2</sup> /student)	4,175	
Old Method	(8.79m <sup>2</sup> /student)	
(8.79m <sup>2</sup> /student) New method		

Although utilized in different ways, the total area aligns with guidelines. The core school is short two instructional areas, and the mechanical rooms are generous.

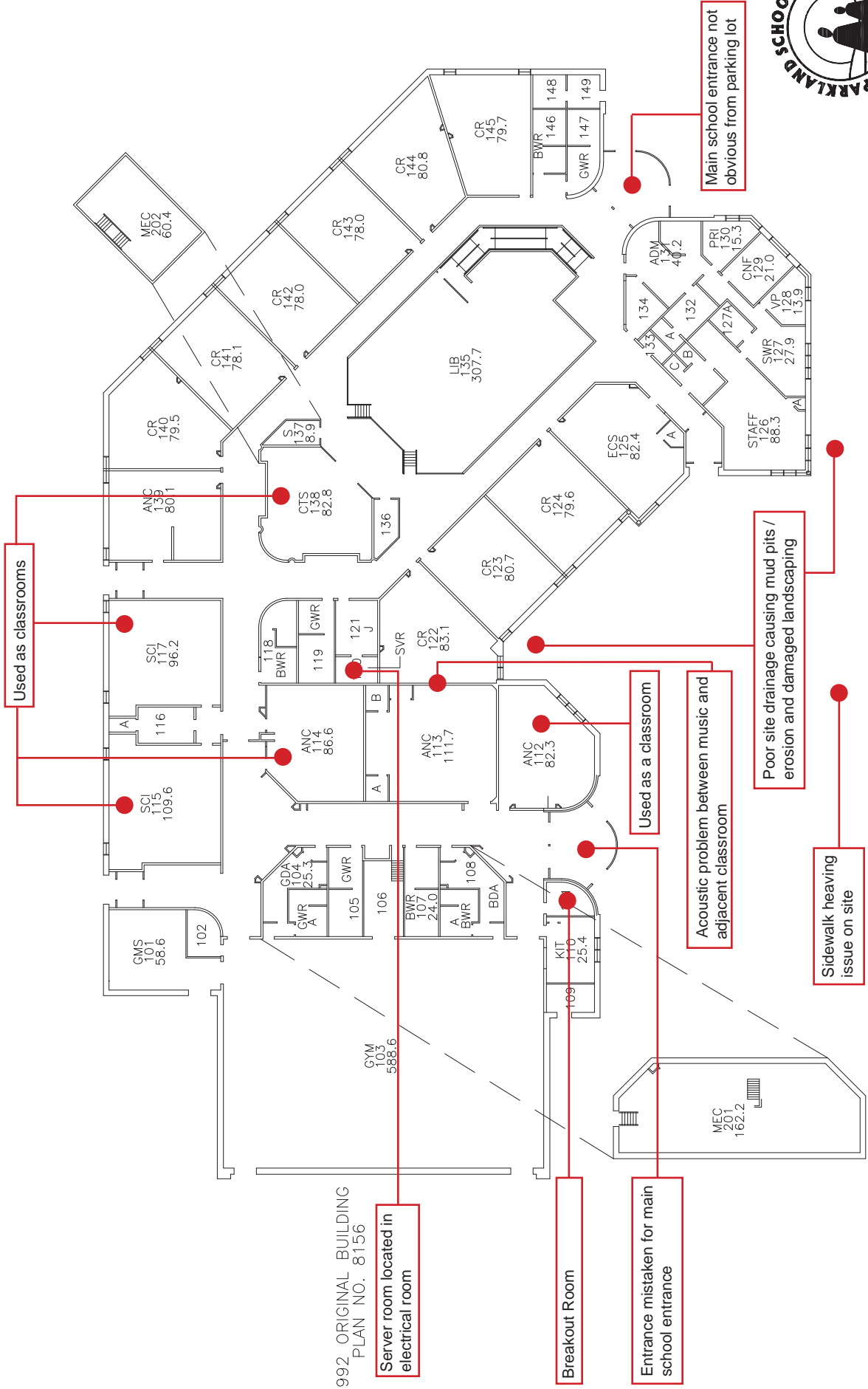


1992 ORIGINAL BUILDING  
PLAN NO. 8156

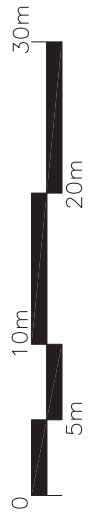


PARKLAND SCHOOL DIVISION #70			
HIGH PARK SCHOOL		#40 HIGHRIDGE WAY, STONY PLAIN	
4	UPDATED DRAWINGS	DATE: 19/09/01	BID: B4111A
3	UPDATED DRAWINGS	DWN. BY: CW	CODE: ABED1084
REV.	CONSTRUCTION	DATE	SHEET: 1 OF 3

LEGAL DESCRIPTION  
PLAN 922 0271  
BLOCK 4, LOT 1SR



PARKLAND SCHOOL DIVISION #70			
HIGH PARK SCHOOL		#40 HIGHRIDGE WAY, STONY PLAIN	
4	UPDATED DRAWINGS	28/08/07	DATE: 19/09/01
3	UPDATED DRAWINGS	20/10/05	DWN. BY: CW
REV.	CONSTRUCTION	DATE	SCALE: 1:500
2010 COMMENTS AND OBSERVATIONS		FLOOR PLAN A.I.	
		BID: B4111A	
		CODE: ABED1084	
		SHEET: 2 OF 3	



1992 ORIGINAL BUILDING  
PLAN NO. 8156



# MEMORIAL COMPOSITE HIGH SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	2010 - Modernization and addition to existing Westerra Campus building
Grades Served:	10-12
Permanent Classrooms:	39 including 11 CTS
Portable Classrooms:	0
Gross Area:	12,156.5m2
Capacity:	1500
Enrolment:	1161 Adjusted
Utilization:	77.4%
Instructional Program:	Basic academics plus art, music, drama, vocational education, foods and fashion studies, languages, work experience, I.O.P practical living, community education, PLACE



# ECOLE MERIDIAN HEIGHTS SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1974 Original Building
Additions:	1975 Addition – 7 portables (constructed on site) 1978 Addition – 2 portables (relocated from Parkland Village) 1988 Addition – 1 portable (constructed on site) 1989 Addition – 1 portable (constructed on site) 1993 Addition – 3 portables 1994 Modernization – Gymnasium, stage area 1999 Addition – 2 storey addition 6 classrooms, staff workroom, 2 science rooms, 2 computer rooms, choral and band rooms, multipurpose room, student gathering areas. 1999 – 9 portables removed, 5 portables relocated 2009 - 6 portables replaced with modular units
Grades Served:	K-9
Permanent Classrooms:	21
Portable Classrooms:	14
Gross Area:	6,501.9m <sup>2</sup>
Capacity:	804
Enrolment:	647 Adjusted
Utilization:	80.5%
Instructional Program:	Basic academics plus art, music, drama, computers, CTS, French immersion



View off the south elevation of the school asphalt area towards the playing fields which have been prone to flooding.



View of the 1999 addition showing an area where run-off causes a muddy slope where there is no sidewalk at a school exit.



The school's biggest challenge is the undersized gymnasium space for the school capacity and grades it serves.



These four 1975 portables and others had mould remedial work completed, however there is still a smelly odor in the corridor that links these to the school proper.

**1995 Study Summary**

At that time there were 23 portables on site in a fully utilized (85.5%) building. Instructional areas were insufficient in science classrooms, computer space, administration and gymnasium areas.

The lower level stage area used as a classroom contravened code in terms of exiting.

It was recommended to convert the existing music room to a second activity room that could double for a mini-gym.

**1999 Study Summary**

A major addition and modernization was underway that ultimately replaced 9 of the portables with permanent construction reducing the numbers to 14. Two science rooms were created along with a new music/band room, student gathering and administration expansion.

**2001 Portable Study Summary**

Furnace upgrades and lighting/energy retrofit were recommended for present continued use. Over the longer term, replacement of six portables with permanent construction and disposal of four others were recommended to reduce school capacity by 100 students after redirecting those students to Forest Green and Stony Plain Central.

**2004 Study Summary**

Window vandalism and access to roof are concerns and likely due to the school's adjacency to an unsupervised (after hours) parkland valley setting.

The hillside location and poor surface drainage, retention and redirection devices of the two level section results in flooding of the lower level from the north slope and a muddy slope on the south side.

Interior spaces that are lacking are smaller breakout rooms and storage rooms.

Existing areas that are too small are the student gathering and gymnasium spaces.

There is insufficient parking for staff and teaching assistants resulting in overflow parking along both sides of the access road.

**2010 Observations and Comments**

The six 1975 portables have been replaced with new modular units.

Small breakout rooms and storage rooms continue to be lacking.

Student gathering and gymnasium space are undersized.

Barriers will be provided that restrict access to nooks around the modular classrooms.

Insufficient parking for staff continues to be a concern.

Planting areas beneath the trees along the access road at the front of the school should be filled with hearty plantings to minimize muddy areas and improve the look of the front sidewalk area.

**2010 Recommendations**

- Continue with identified IMR items which include mechanical and electrical upgrades, interior finishing and window replacements.

- Replace four portables with new units at the North end of the school.

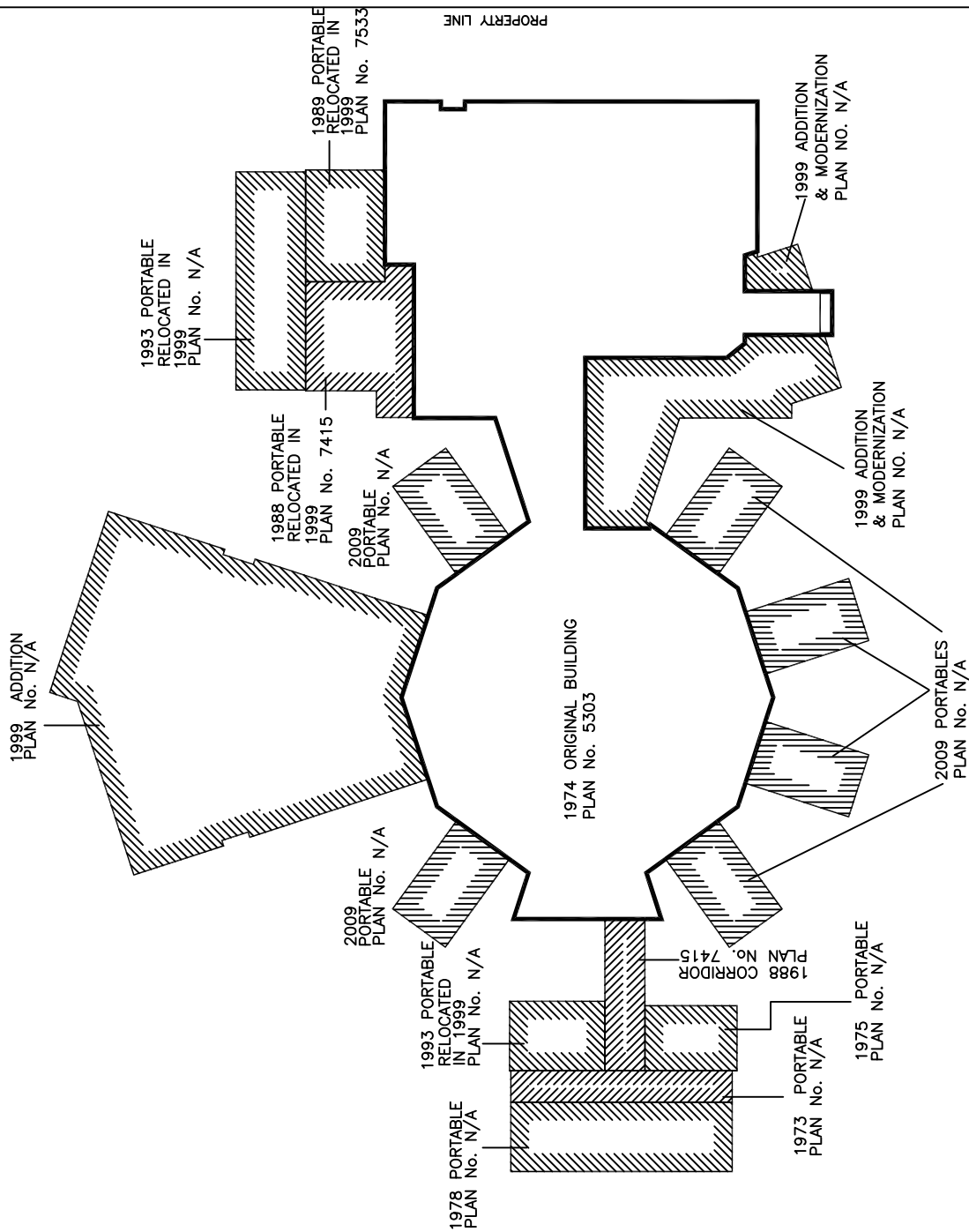
## AREA COMPARISON CHART

### MERIDIAN HEIGHTS SCHOOL K-9

Existing School (850 capacity) Old Method (804 capacity) New Method	Provincial Guidelines (800 capacity school)
14 Classrooms totaling 1069.3	21 @ 80 = 1680
2 Science totaling 218.6	2 @ 95 sci = 190
14 Portables totaling 1004.6	2 @ 120 sci = 240
4 Ancillary CR totaling 471.8	2 @ 120 anc = 240
2 Computer labs totaling 214.9	3 @ 90 anc = 270
Gymnasium 444.9	2 @ 115 IS = 230
Gym storage 103	705
Library 236.9	71
3,764 Subtotal	340
0 (CTS taught in computer lab)	
3,764 total instructional (36 instructional areas)	3,966 (32 instructional areas)
371.5 Admin/Staff Areas	397
142.9 Physical Education	130
917.5 Circulation	991
790 Wall Area	476
80.9 Storage	139
135 Washrooms	96
157.3 Flexible Space	192
17.1 Wiring Network	40
124.7 Mechanical (shared)	140
2,737.9 Total non-instructional	2,601
6,501.9 Total Area (7.65m <sup>2</sup> /student) Old Method (8.21m <sup>2</sup> /student) New Method	6,567 (8.21m <sup>2</sup> /student)

Gymnasium and library area are below guidelines. Total school area is close to guidelines, however non-instructional is higher, particularly with an excess of exterior walls.

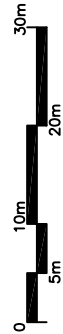
PROPERTY LINE



PROPERTY LINE

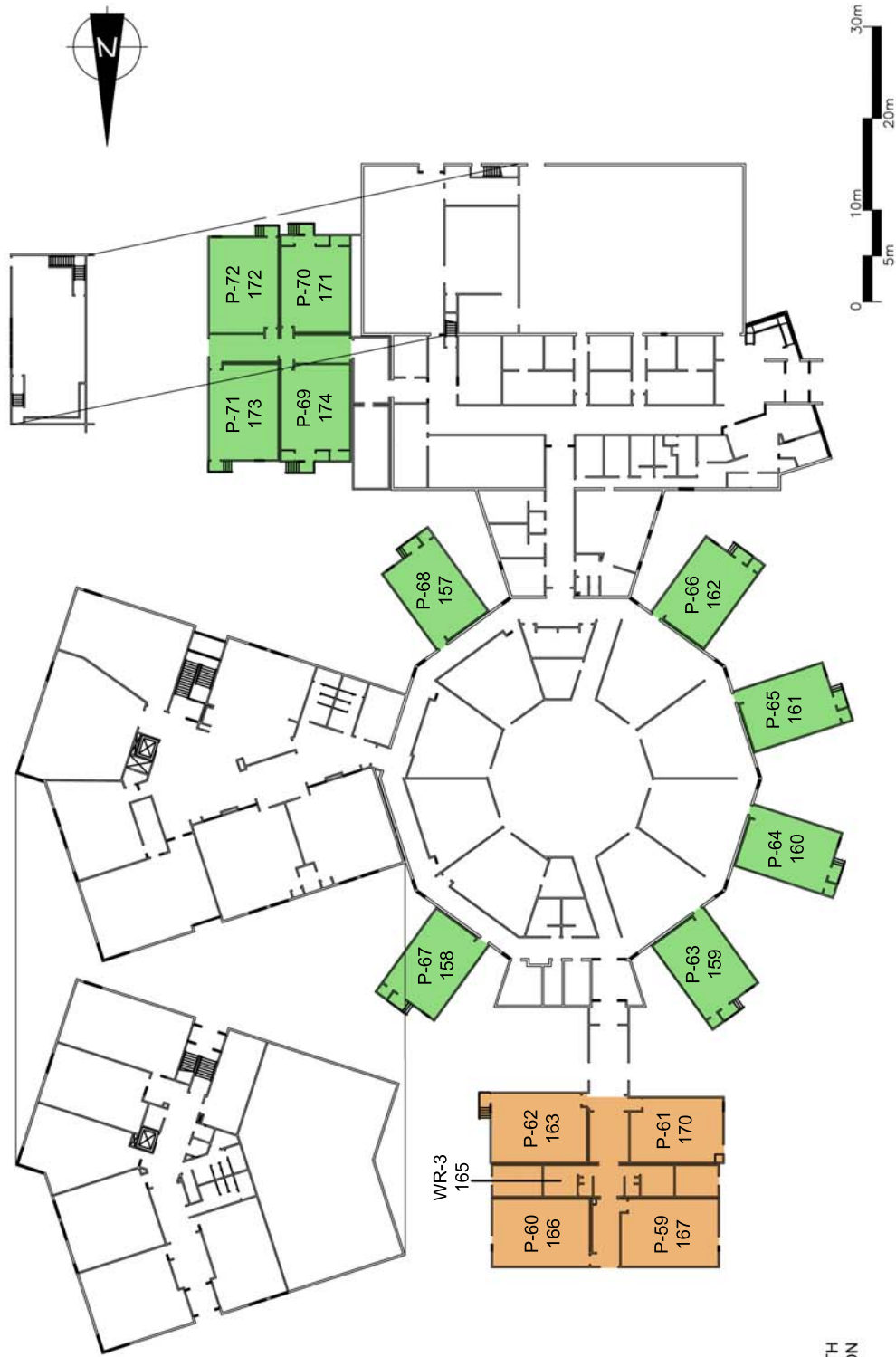


PARKLAND SCHOOL DIVISION #70			
ECOLE MERIDIAN HEIGHTS SCHOOL			
4119 - 43rd STREET, STONY PLAIN			
BID: B9397A		SITE PLAN	
CODE: ABED1092		A.I.	
DATE: 10/13/09		SCALE: 1:750	
DATE: 05/09/07		DWN. BY: CW	
REV.		CONSTRUCTION	
4		UPDATED DRAWINGS	
3		UPDATED DRAWINGS	
SHEET: 1 OF 3		LEGAL DESCRIPTION	



LEGAL DESCRIPTION  
PLAN 3050 T.R.  
BLOCK 10, LOT 3





#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 MERIDIAN HEIGHTS



# MUIR LAKE COMMUNITY SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1980 Original Building
Additions:	1980 Addition – 5 portables (part of original core school)
	1981 Addition – 1 storage portable (constructed elsewhere 1977)
	1999 Addition – 1 portable (constructed elsewhere 1990)
	1993 Addition – 2 portables (constructed on site)
	1999 Addition – Library, 6 classrooms, Admin. Space
	1999 Modernization – Former library, admin., relocation of 3 portables (removal of 2)
	2001 Addition – 6 portables replaced with permanent addition (5 classrooms and music)
Grades Served:	K-9
Permanent Classrooms:	16
Portable Classrooms:	8+ 1 Storage
Gross Area:	4,711.3m <sup>2</sup>
Capacity:	527
Enrolment:	527 Adjusted
Utilization:	100%
Instructional Program:	Basic academics plus special needs, drama, art, CTS, music, industrial arts, home economics, scope.



Adjacent corridors provide multi-purpose display and student gathering space near the library. There is no specifically designated student flex space.

**1995 Study Summary**

After increased enrolment and a change in grade configuration from K-6 to K-9, Muir Lake Community School was at over 91% utilization. CTS students were being bussed to Broxton Park for home economics and industrial arts. Both instructional and non-instructional spaces were undersized including administration, gymnasium, storage, computer room, science, vestibules and washrooms. Drama classes took place at the adjacent community hall. It was recommended that modernization upgrades and expansion take place. Community did not use school due to cost concerns.

**1999 Study Summary**

A major addition and modernization project was underway to achieve functional improvements for music, art, drama, technology, administration, science, kitchen and general instructional space. Storage shortage was still an issue along with site drainage issues.

**2001 Portable Study Summary**

The four south portables were identified to be in poor shape and recommended for replacement with permanent construction.

A number of site drainage problems were flagged for remedial work.

**2004 Study Summary**

The 2001 recommendations were implemented and included an addition that replaced a total of six portables with permanent construction including a generous boot room and specifically designed music room.

A number of mechanical upgrades have taken place on site work and with library heating system. New roofing on the east portables has resolved chronic leaks in this area.

The gymnasium is still very small and under area for a school of this size. It is centrally located and difficult to expand. Junior High students are bussed 15 minutes to Blueberry for physical education and band, while Blueberry students come to Muir Lake for music.

**2010 Observations and Comments**

It is expected that ECS will shrink to 1 class next year.

There is a large number of grade 8's in the school which should lessen utilization rates slightly once this grade moves to grade 10.

A significant amount of work has been undertaken for the playing fields, resulting in considerably more space.

**2010 Recommendations**

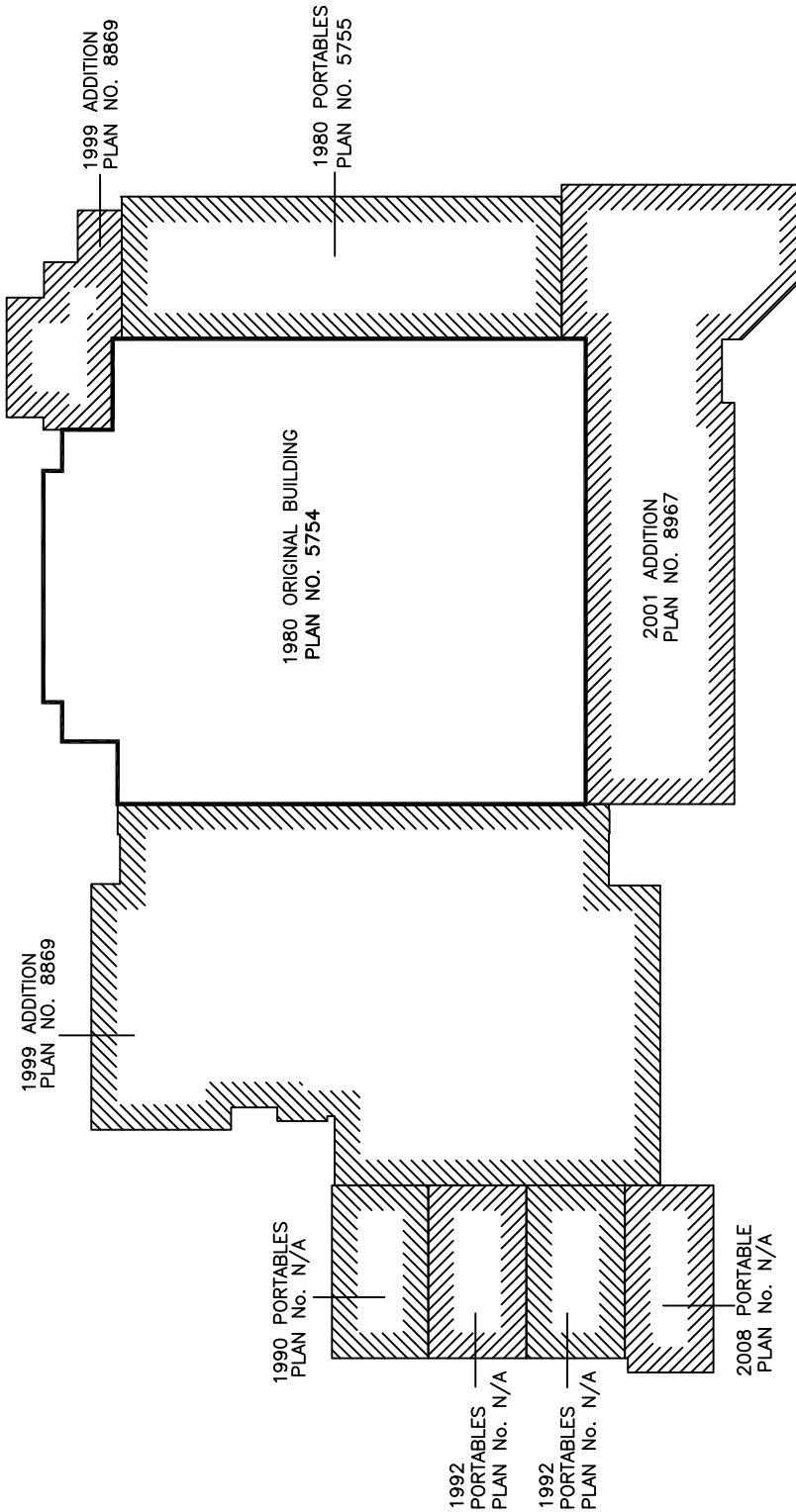
- Continue with identified IMR item of the replacement of the fire alarm system.
- Carpet in the Library should be replaced and drywall by the skylight should be repaired.

## AREA COMPARISON CHART

### MUIR LAKE SCHOOL K-9

Existing School (600 capacity) Old Method (575 capacity) New Method	Provincial Guidelines (600 capacity school)	
14 Classrooms totaling 1141.8	16 @ 80 = 1280	
2 Science totaling 216	1 @ 95 sci	
3 Portables totaling 216.5	2 @ 120 sci = 240	
3 Ancillary CR totaling 293.3	1 @ 130 anc = 130	
1 Computer Lab 84.2	3 @ 90 anc = 270	
Gymnasium 391.5	1 @ 115 IS	
Gym storage 47	515	
Library 232.4	52	
	240	
2622.7 Subtotal	2937	
(CTS components use anc and IT classrooms)		
total instructional (23 instructional areas)	(23 instructional areas)	
346 Admin/Staff Areas	307	
107 Physical Education	100	
757.5 Circulation	732	
384.45 Wall Area	352	
90.8 Storage	103	
46 Washrooms	72	
0 Flexible Space	144	
9.7 Wiring Network	40	
55.2 Mechanical (shared)	120	
1796.65 Total non-instructional	1972	
4419.35 Total Area (7.37m <sup>2</sup> /student)	4909	
Old Method	(8.18m <sup>2</sup> /student)	
(7.69m <sup>2</sup> /student) New method		

Both instructional and non-instructional areas in the school are under provincial guideline. Even though newest classrooms are generous, the gymnasium area and ancillary space are deficient. Several ancillaries, CTS lab and science classrooms are being used for general instruction. There is no designated student flex space, but the generous circulation outside the library could be used in this manner.

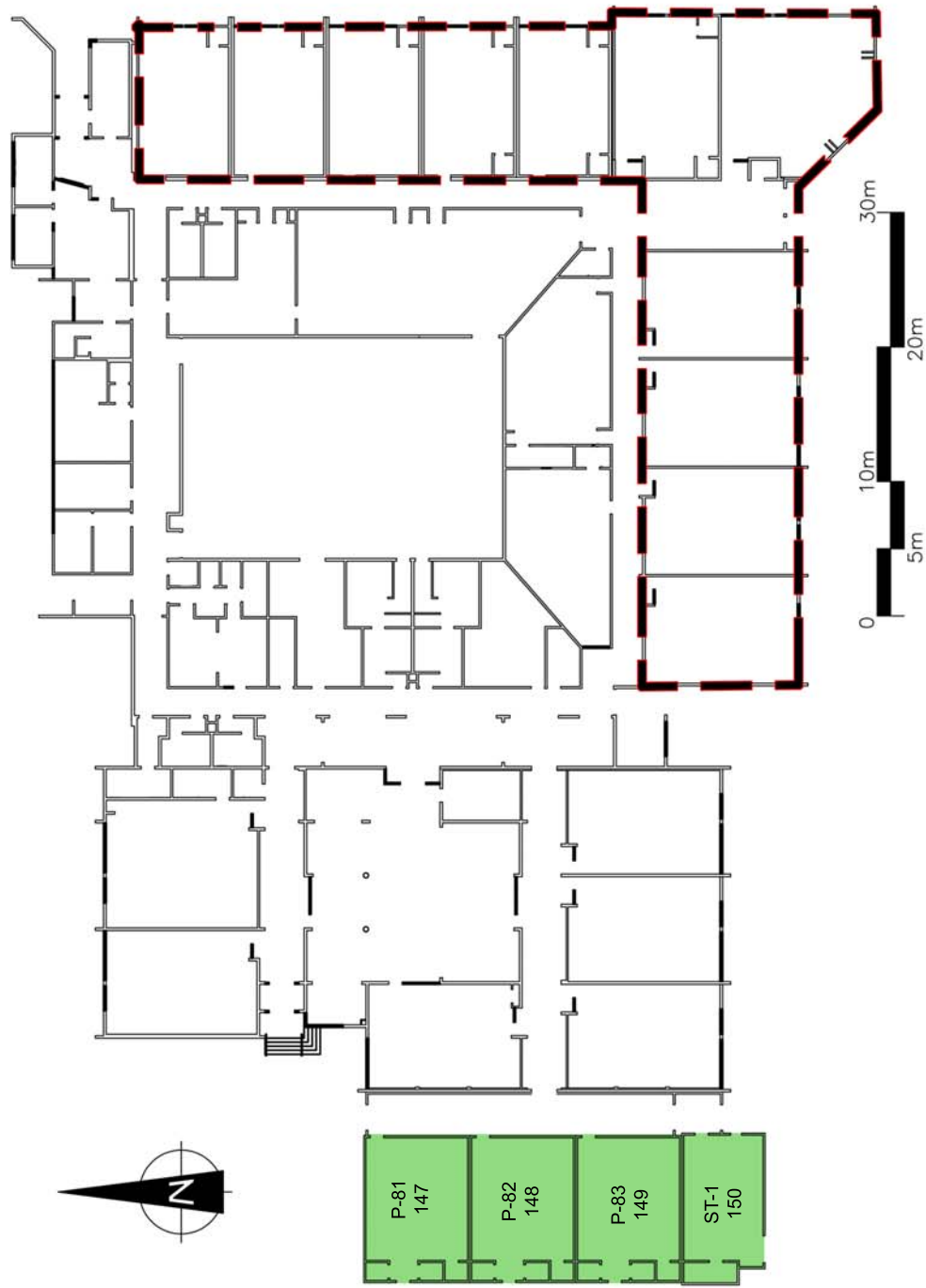


# PARKLAND SCHOOL DIVISION #70

MUIR LAKE COMMUNITY SCHOOL		53422 - SH 779, STONY PLAIN	
DATE: 07/02/02		SITE PLAN	
DWN. BY: CW		A.I.	
SCALE: 1:600		SHEET: 1 OF 3	

LEGAL DESCRIPTION  
PLAN 802 1762  
BLOCK B & C  
(NE 25-53-1-W5)





PORTABLES CONVERTED TO (OR  
REPLACED WITH) PERMANENT  
CONSTRUCTION

2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 MUIR LAKE



# STONY PLAIN CENTRAL SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1971 Original Building
Additions:	1977 Addition – 5 classrooms (permanent construction) 1982 Addition – Music Room (permanent construction) 1988 Addition – 2 portables (constructed on site) 1989 Addition – 1 portable (constructed on site)
Grades Served:	K-9
Permanent Classrooms:	19
Portable Classrooms:	5
Gross Area:	4797.0m <sup>2</sup>
Capacity:	596
Enrolment:	495 Adjusted
Utilization:	82.9%
Instructional Program:	Basic academics plus computers, technology, home economics, CTS, special needs programs, art, drama, music.



The staff parking lot situated at the end of a street to the east requires expansion. It is located quite distant from the school itself.



View looking north towards Memorial Composite High School shows the extent to which spring run-off has the potential for ponding on the fields. This east elevation (see previous page) is the public side of the school building.



Ponding is evident on the fire lane/access road which is gained through a gated entry from Memorial. When the gate is locked or blocked as photographed above there is no access for emergency or maintenance vehicles.



Exterior block work need some freshening up and repair. The school is subjected to vandalism.



New flooring and base is required in the music ancillary room.



Many elements within the school are vintage 1971 and require replacement and/or upgrade.

**1995 Study Summary**

The gymnasium only meets area required for elementary students. The library was poorly arranged although the area was sufficient. Industrial education component was compromised with poorly arranged equipment.

Memorial Composite High School students also use the Band room. Recommendations include provisions for special education students, properly arranged CTS instruction spaces and re-location of the staff room to administration.

**1999 Study Summary**

Comments, observations and recommendations remained the same as 1995 with the exception that the cafeteria was being used as a multi-purpose space for which it is not large enough.

A recommendation was made to convert CTS, Industrial Arts space to CTS/IT space and provide student gathering.

**2001 Portable Study Summary**

The musty smell noted at this time has been remedied in the three portables with upgrades to furnaces and flooring. Lighting was also upgraded.

**2004 Study Summary**

The staff lounge is still isolated from the balance of the administration offices but does offer some limited supervision of the west central entrance. Administration space overall is very limited. The front door to the school is unfriendly and insignificant. It needs more presence and identification.

Site issues include poorly drained paved and grassed areas and insufficient staff parking. Difficulty and inconvenience is also experienced with deliveries or pick-ups if the gate from the Memorial site is locked or blocked. This would also stall emergency vehicles from entering the site quickly.

**2010 Observations and Comments**

With serving K-9, Special Education and Early Years, the programming for the school is spread very wide. The programming would fit more appropriately with the building if programming was focused more and concentrated resources and needs.

There is a lack of collaboration space in the school and very little flexibility in the spaces and arrangements.

Currently, the spaces do not meet the requirements of a K-9 configuration.

Being at the low point of a large recreation site, drainage is a major concern in the playing fields with considerable mud and ponding of water at the West side of the school.

**2010 Recommendations**

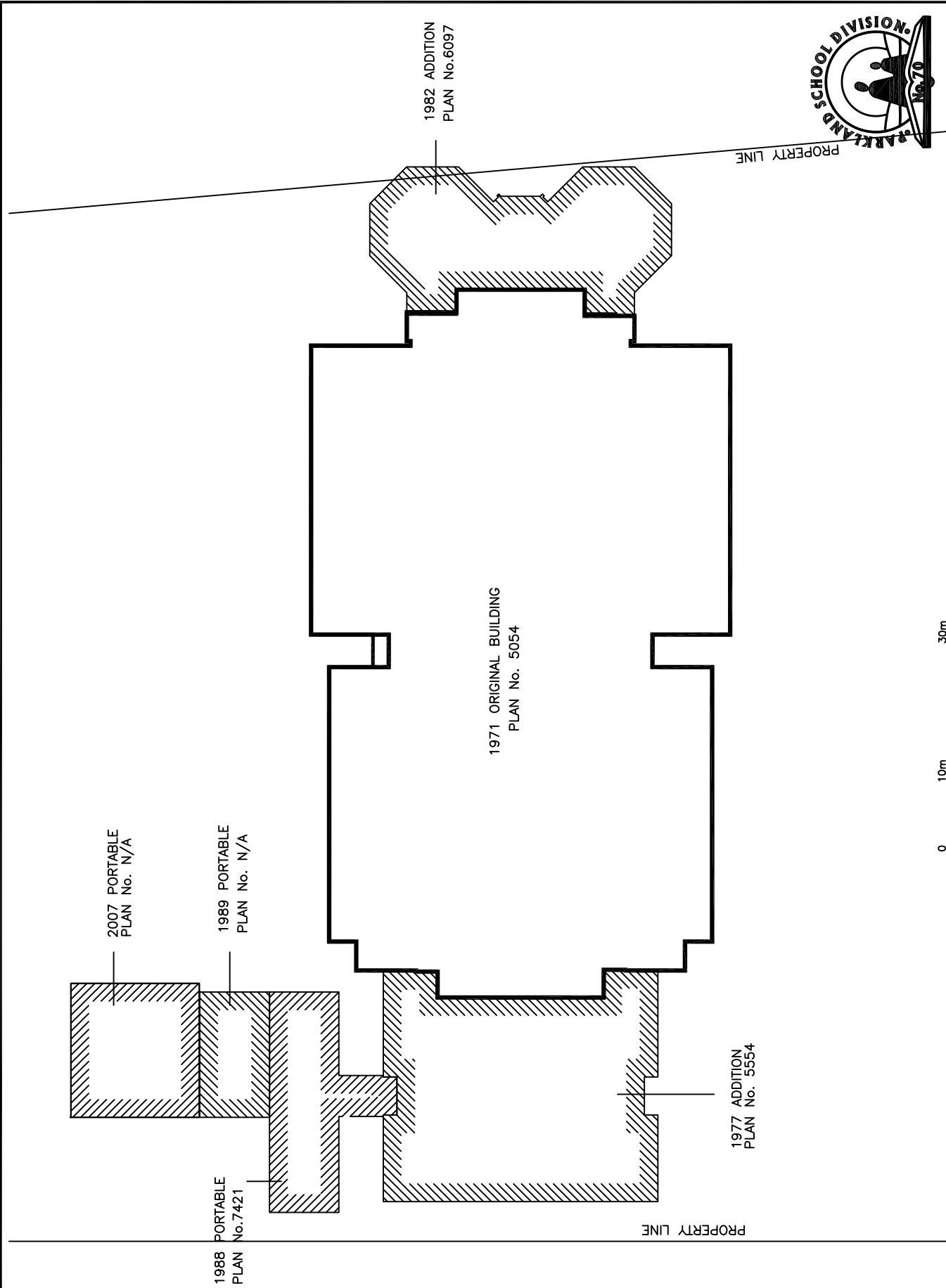
- Proceed with the identified IMR items which includes flooring replacement in several rooms as well as electrical upgrades.
- In order to meet the programming needs of the school, a modernization and addition is required. A two-station gymnasium would alleviate the scheduling problems the school currently faces and would free up two ancillary rooms for instructional use.
- The site circulation and parking should be studied to address congestion concerns. A through-access road should be provided to an adjacent residential street to the East for bus circulation.

## AREA COMPARISON CHART

### STONY PLAIN CENTRAL SCHOOL K-9

Existing School (535 capacity) Old Method (596 capacity) New Method	Provincial Guidelines (600 capacity school)	
12 Classrooms totaling 855	16 @ 80 = 1280	
2 Science totaling 232.1	1 @ 95 sci	
5 Portables totaling 217.4	1 @ 120 sci = 120	
4 Ancillary CR totaling 460.8	2 @ 130 anc = 260	
Computer Lab in Library CTS	3 @ 90 anc = 270	
Gymnasium 445.9	2 @ 115 = 230	
Gym storage 27.1	515	
Library 283.2	52	
	240	
2521.5 Subtotal	2937	
<u>405.3</u> (2 CTS components)	<u>400</u> (add 2 CTS area supplements)	
2926.8 total instructional (23 instructional areas)	3207 (23 instructional areas)	
271.8 Admin/Staff Areas	307	
93.5 Physical Education	100	
652 Circulation	734	
485.5 Wall Area	352	
120.6 Storage	103	
82.8 Washrooms	72	
155.2 Flexible Space	144	
8.9 Wiring Network	40	
189.6 Mechanical (shared)	120	
1870.31 Total non-instructional	1972	
4797.11 Total Area (8.97m <sup>2</sup> /student) Old Method	4,909 (8.18m <sup>2</sup> /student)	
(8.55m <sup>2</sup> /student) New method		

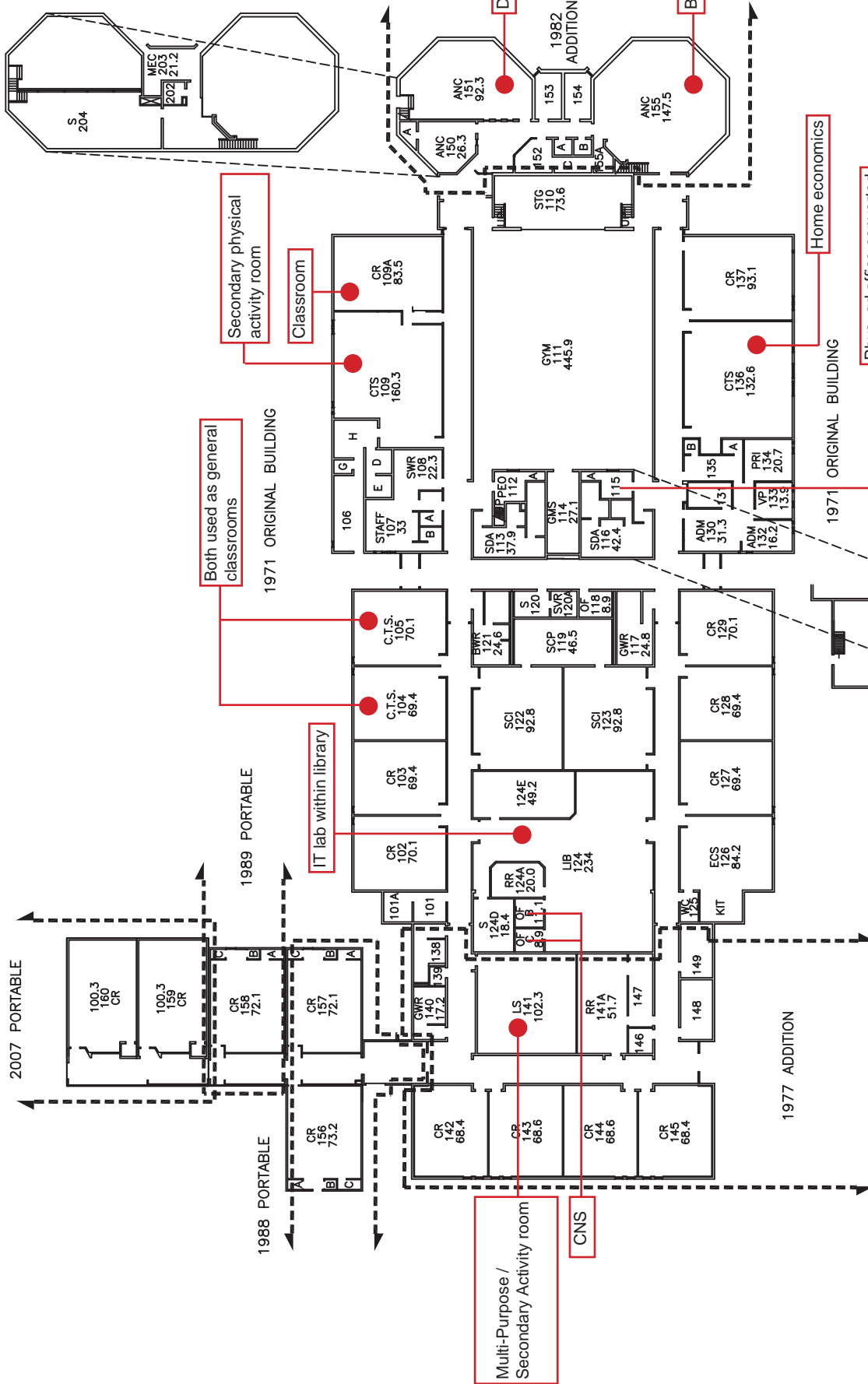
While the instructional space is close to the guidelines, the wide diversity of programming in the school means there is a lack of instructional space. A two station gymnasium would alleviate current scheduling problems.



PARKLAND SCHOOL DIVISION #70			
STONY PLAIN CENTRAL SCHOOL		5108 - 55th AVE., STONY PLAIN	
DATE: 17/09/01		SITE PLAN	
DWN. BY: CW		A.I.	
SCALE: 1:750		BID: B4119A	
		CODE: ABED1083	
		SHEET: 1 OF 3	



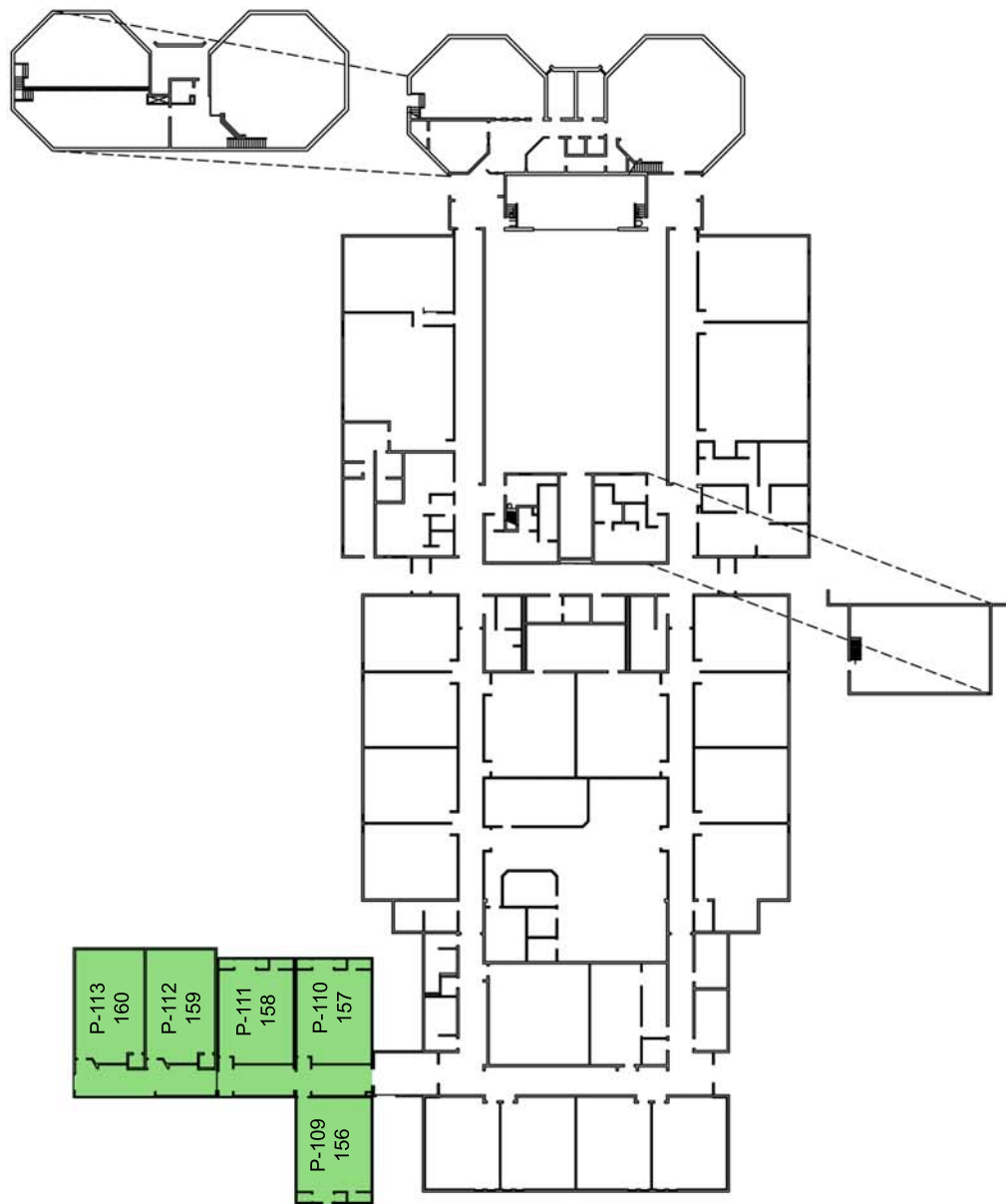
LEGAL DESCRIPTION  
PLAN 4756 R.S.  
BLOCK S  
N 1/2 25-52-1-W5)



PARKLAND SCHOOL DIVISION #70			
STONY PLAIN CENTRAL SCHOOL			
5108 - 55th AVE., STONY PLAIN			
FLOOR PLAN		A.I.	
DATE: 17/09/01		SCALE: 1:600	
DWN. BY: CW		SHEET: 2 OF 3	
REV.		CONSTRUCTION	
5		UPDATED DRAWINGS	
4		UPDATED DRAWINGS	
REV.		CONSTRUCTION	

2010 COMMENTS AND OBSERVATIONS





#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 STONY PLAIN CENTRAL



# DUFFIELD SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1954 Original Building, A significant portion of the original has been removed
Additions:	1963 Addition – Gymnasium, administrative area (permanent construction) 1980 Addition – 6 classrooms, new library, gymnasium addition (permanent construction) 1982 Addition – 3 portables (constructed elsewhere in 1976) 1988 Addition – 4 classrooms (permanent construction) 1988 Addition – 3 portables (constructed elsewhere in 1975) 2005 Addition - 1 modular classroom
Grades Served:	K-9
Permanent Classrooms:	10
Portable Classrooms:	7, (1 storage)
Gross Area:	3224.9m <sup>2</sup>
Capacity:	349
Enrolment:	310 Adjusted Total
Utilization:	88.6%
Instructional Program:	Basic academics plus music, art drama, computers, home economics, (sewing), CTS, Industrial Arts (small (small motors)



View of the paved play area behind the school. Poor surface drainage from the bus lane results in flooding of the play area beyond.

**1995 Study Summary**

At that time, the computer room, library (which doubles for community use) and music room were highlights of the school.

Student washrooms were noted to be poorly located.

CTS strands offered did not require lab space.

**1999 Study Summary**

Based on 1995 recommendations, an art room was created.

A drama performance area and improved boot room/vestibule to the east wing were still outstanding recommendations from 1995.

BQRP upgrades were completed to the PA system and gym doors.

**2001 Portable Study Summary**

Four portables were noted to be in poor condition and recommended to be replaced with permanent construction. The other two were rated fair to poor and replacement with new portables was suggested.

Concerns noted were related to moisture/ground water problems.

**2004 Study Summary**

The computer room has been dispersed into classrooms to create an additional teaching area. Hallway space is used for breakout room. A written off storage shed is used for SED CTS (small motors) instructional space. The school needs more classrooms for its K-9 enrolment.

Significant upgrades have been completed to solve the water problem under the portables. A portion of the 1988 roof was replaced. Exterior upgrades also included doors, stairs and landing replacement. The dollars spent since the last study including mechanical and electrical total \$117,426, with a further \$56,700 IMP projects identified to include interior renovation improvement/flooring replacement.

**2010 Observations and Comments**

Utilization has remained high at the the school with utilization rates between 81% and 91% over the past 5 years.

A significant amount of work has been done to the crawl-space vapour barrier to deal with the moisture problems under the school.

Although some consideration has been given to acoustics in the gymnasium, further work needs to be done to reduce the echo in the space. Acoustic panels should be considered.

**2010 Recommendations**

- The gymnasium, library and administration areas are under area. Modernization and expansion is required for instructional areas.
- Replace existing six portables with new modular units.
- Continue with identified IMR items including mechanical and electrical upgrades, roofing and interior finishes.
- With consistently high enrolment, it is recommended to create student gathering areas, improved washrooms and vestibules and more breakout areas.

## AREA COMPARISON CHART

### DUFFIELD SCHOOL K-9

Existing School (400 capacity) Old Method (349 capacity) New Method	Provincial Guidelines (350 capacity school)	
4 Classrooms totaling 272.2	9 @ 80 = 720 1 @ 120 science = 120	
1 Science totaling 98.8		
7 Portables totaling 429.6	1 @ 130 anc = 130	
3 Ancillary CR totaling 314.0	2 @ 90 anc = 180	
2 Computer labs totaling 173.9	1 @ 115 IS = 115	
Gymnasium space totaling 382.1	515	
Gym storage 29.3	52	
Library 121.4	140	
1821.3 Subtotal	1,972	
_____ 0 (2 CTS components utilize the computer lab)	_____ 200 (add 1 CTS area supplement)	
total instructional (16 instructional areas)	2,172 (16 instructional areas)	
254.5 Admin/Staff Areas	227	
70.3 Physical Education	100	
388.8 Circulation	493	
372.1 Wall Area	237	
92.6 Storage	69	
73.1 Washrooms	42	
0 Flexible Space	84	
13.4 Wiring Network	40	
138.8 Mechanical	80	
1,403.6 Total non-instructional	1,371	
3,224.9 Total Area (8.06/student) Old Method	3,343 (9.55m <sup>2</sup> /student)	
9.54m <sup>2</sup> /student) New Method		

Notes: Ancillaries are being used for general classrooms including a tiny SED of 37.8 m<sup>2</sup>. The gymnasium, library and administration areas are also significantly under provincial guidelines.

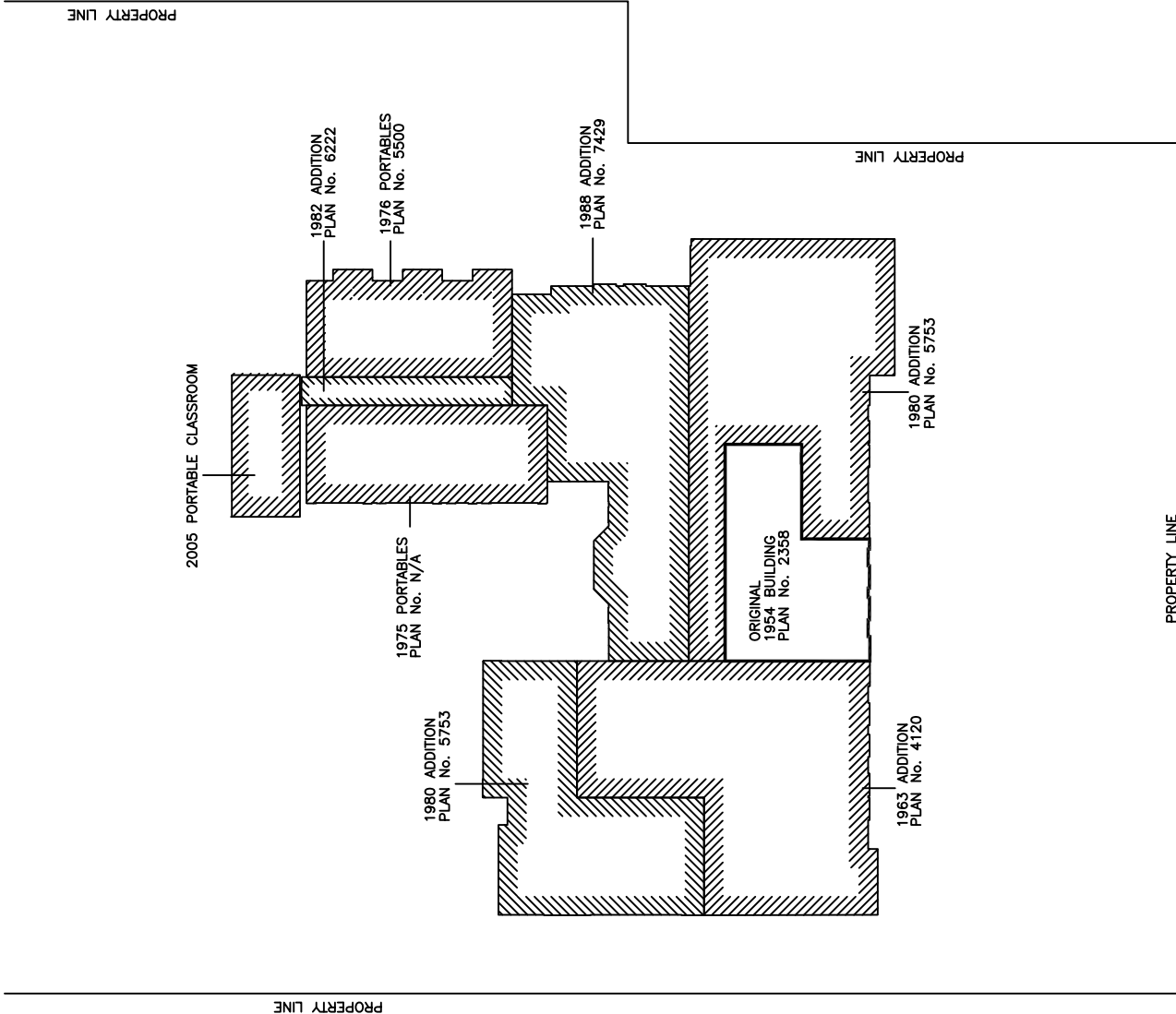


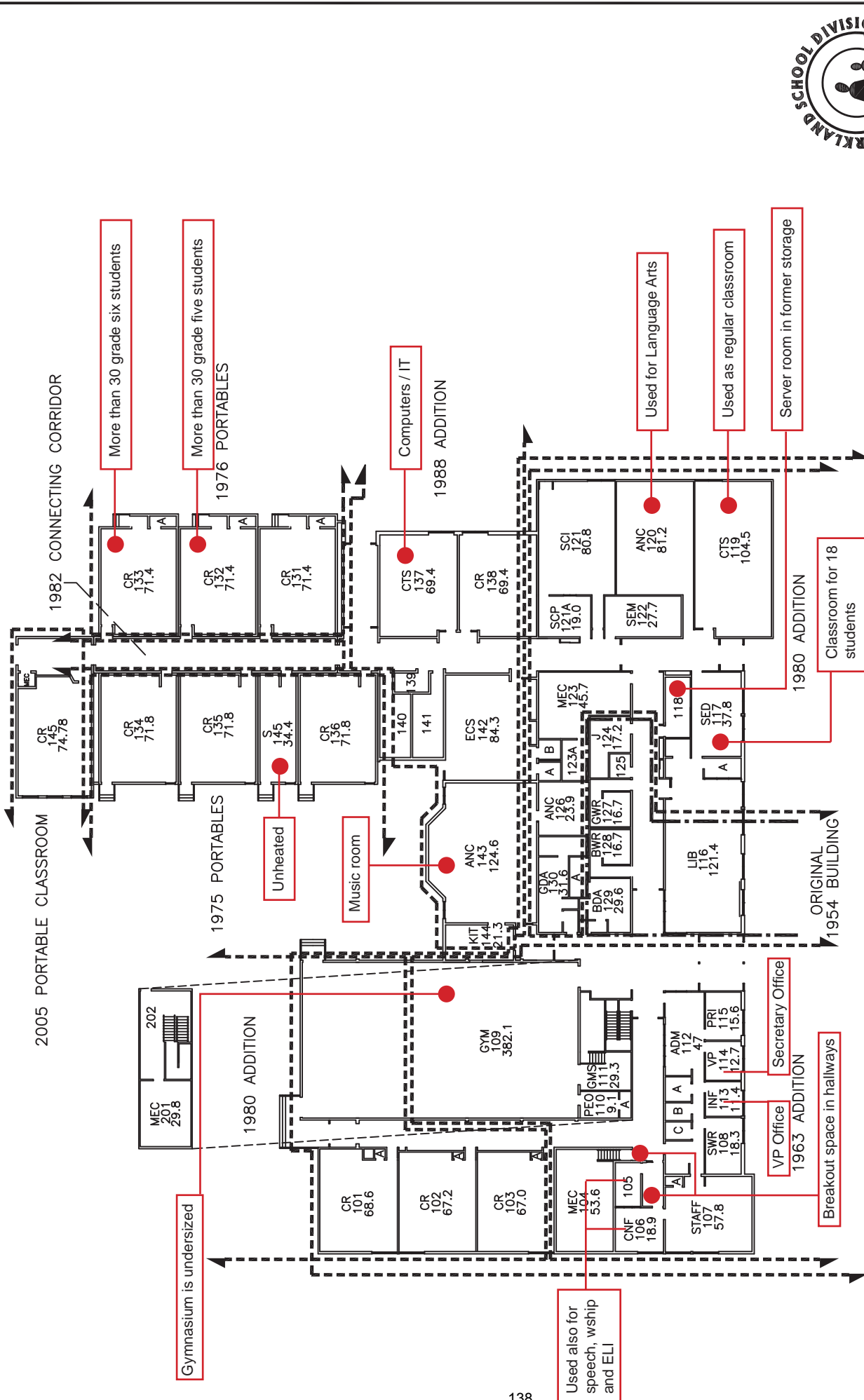
# PARKLAND SCHOOL DIVISION #70

DUFFIELD SCHOOL	
15 3rd STREET, DUFFIELD	
BID: B9380A	SITE PLAN
CODE: ABED1077	A.I.
SHEET: 1 OF 3	

3	UPDATED DRAWING	23/08/07	DATE: 28/09/01
2	UPDATED DRAWING	05/04/05	DWN. BY: CW
REV.	CONSTRUCTION	DATE	SCALE: 1:750

LEGAL DESCRIPTION	
PLAN 4733 A.Q.	
BLOCK X	
(SEC 26-52-3-W5)	





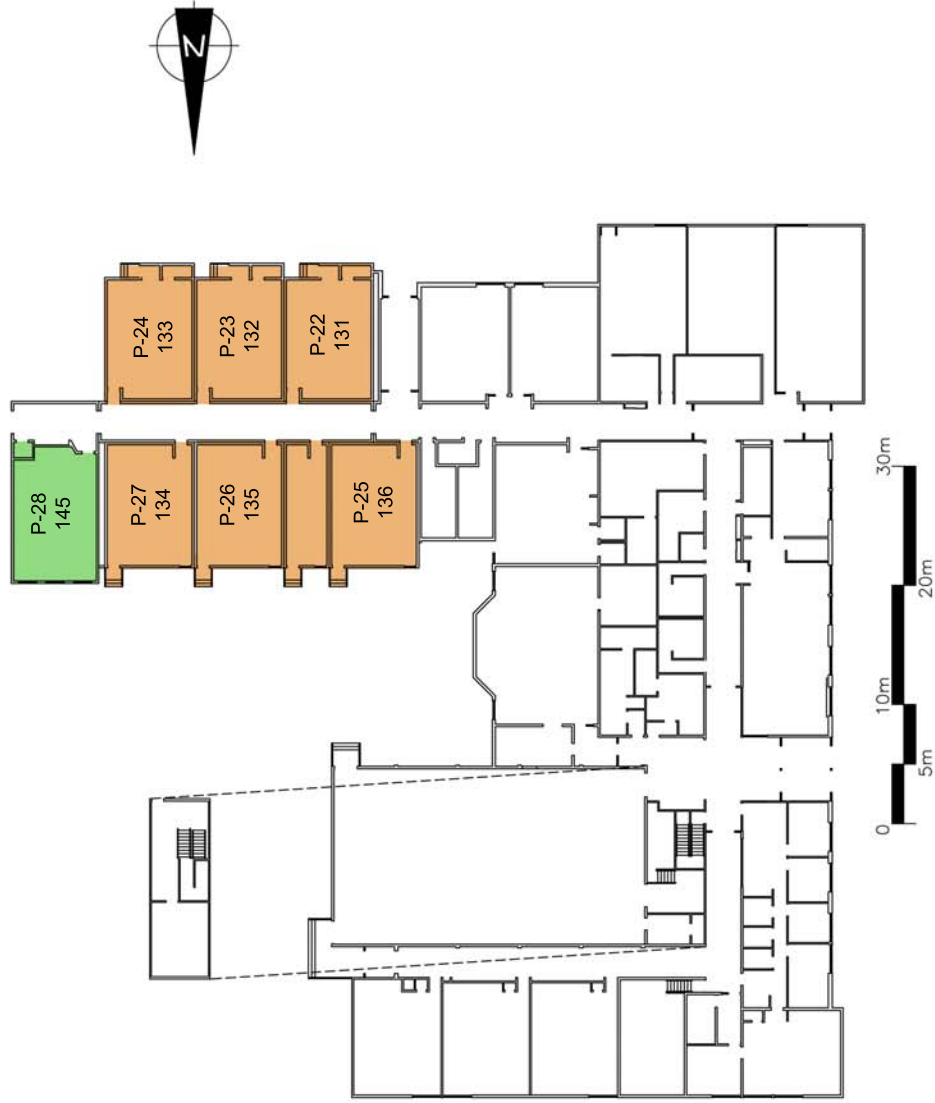
2010 COMMENTS AND OBSERVATIONS

PARKLAND SCHOOL DIVISION #70			
DUFFIELD SCHOOL		15 3rd STREET, DUFFIELD	
BID:	B9380A	DATE: 28/09/01	FLOOR PLAN
CODE:	ABED1077	DWN. BY: CW	A.I.
SCALE: 1:500		DATE	



# 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY



## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION No. 70 DUFFIELD SCHOOL

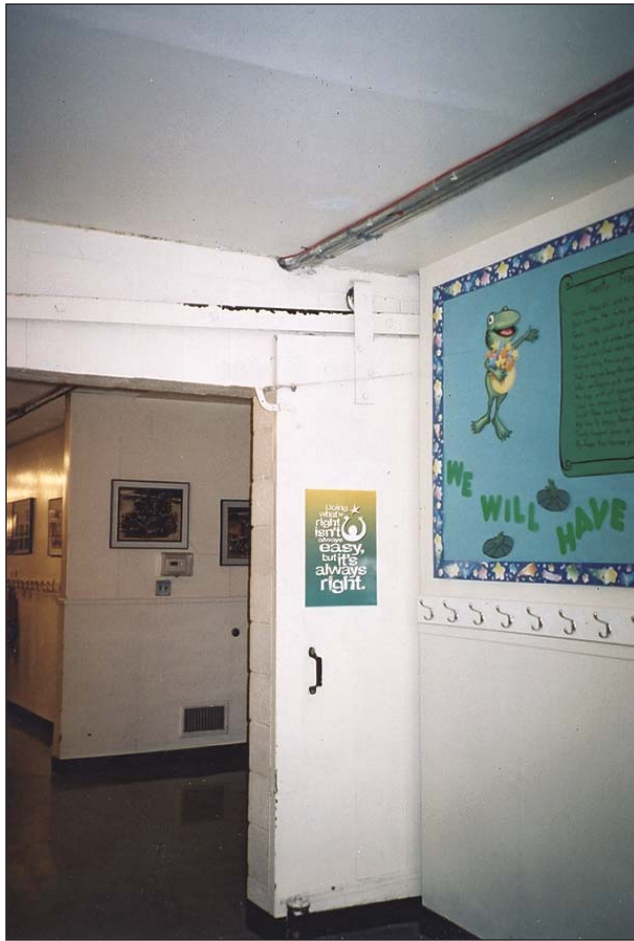


# ENTWISTLE SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1956 Original Building
Additions:	1958 Addition – Gymnasium (permanent construction) 1961 Addition – 4 classrooms, (permanent construction) 1966 Addition – 4 classrooms, admin. Areas (permanent construction) 1982 Addition – 1 portable (constructed elsewhere in 1978) 1990 Addition – 1 portable (constructed elsewhere in 1978) 2007 Upgrade - 2 portables replaced with new units
Grades Served:	K-9
Permanent Classrooms:	8
Portable Classrooms:	2
Gross Area:	2244.69m <sup>2</sup>
Capacity:	244
Enrolment:	154 Adjusted Total
Utilization:	63.1%
Instructional Program:	Basic academics plus music, drama, art, language arts, computers, CTS, robotics, career transition.



The 1982 addition to the existing small gymnasium increased the gym size to 321m<sup>2</sup> which is still very small for a K-9 school, but serves current enrollment reasonably.



The 1956, 1961 and 1966 sections require finish upgrades. Locker installation is planned. This is a view of the firewall between the 1956 and 1961-framed sections. When closed, the 1956 section will have a dead-end corridor.



Aside from very old millwork, the science room has only 2 working gas outlets for Bunsen burners. A flammable storage cabinet is required in lieu of the unrated closet currently used. This room doubles for junior high instruction.

**1995 Study Summary**

Without specifically designed CTS labs, all CTS strands offered are taught in a classroom setting. Previously, students were bussed to Seba Beach.

The gymnasium was (and remains) undersized by 110m<sup>2</sup> minimum. Science classroom was noted as inadequate as was drama space.

An upgrade was recommended to include modernization of mechanical room and exterior envelope.

**1999 Study Summary**

By this date, the exterior of the building had been upgraded as well as the mechanical system.

However, the music/drama and science rooms were still noted as inadequate. Conference room and science storage were added to the list of space requirements and structural cracking was identified. A list of BQRP upgrades required included new finishes, lighting and washroom upgrades.

**2001 Portable Study Summary**

The two portables were noted to be in poor repair and since utilization was very low, recommended removal.

**2004 Study Summary**

School capacity was reduced with new area guidelines increasing utilization. Therefore, portables were upgraded and kept. Other upgrades included washrooms, painting, flooring, partitions, lighting, coms wiring, eavestrough, and exterior pavement.

One computer room was changed to a classroom. Another was changed to breakout spaces for SED and a server room. There is still a shortage of small and large breakout rooms; resource room doubles for a piano room, the caretaker's office is used for SHIP, the infirmary doubles as the staff workroom/copier area.

**2010 Observations and Comments**

The gymnasium has been identified as undersized since the 1995 study as well as a shortage of science and drama space. Conference rooms and science storage were then listed as deficient in the 1999 study.

Structural cracking has been identified in the 1999 study and still continues. There are annual requirements to re-hang doors that will not operate properly due to shifting.

There is still a shortage of small and large breakout rooms. The infirmary doubles as the staff workroom copier area.

The furnace room slab continues to drop.

**2010 Recommendations**

- The playground has been identified previously as needing upgrading and this remains the case.
- Interior upgrades are required for the main corridor and science room to replace worn finish materials, millwork, ceilings and lockers.
- Counter tops in rooms 101, 102, 106 and 107 should be replaced.
- Due to the structural cracking identified, investigation should be made into the repairs that would be required prior to any significant modernization work. The cost of structural repairs may be beyond the threshold for requiring new construction.

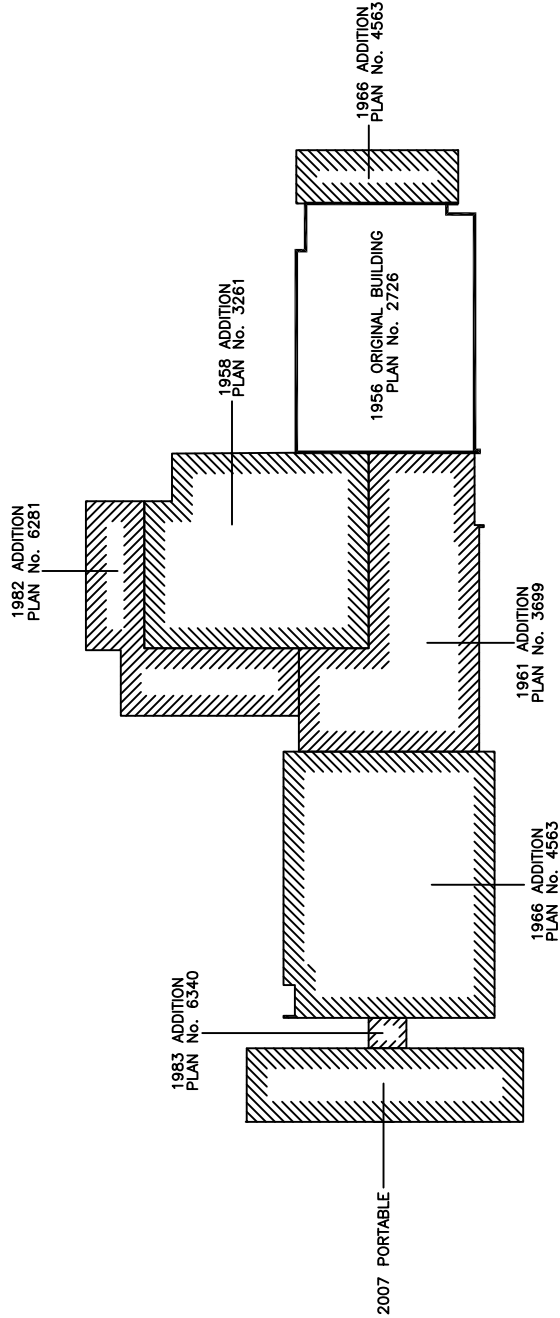
## AREA COMPARISON CHART

### ENTWISTLE SCHOOL K-9

Existing School (250 capacity) Old Method (244 capacity) New Method	Provincial Guidelines (250 capacity school)	
6 Classrooms totaling 302.8	5 @ 80 = 400	
1 Science totaling 91.7	1 @ 120 sci = 120	
2 Portables totaling 131.9	1 @ 130 anc = 130	
2 Ancillary CR totaling 145.2	2 @ 90 anc = 180	
1 Computer lab RR 36.8	1 @ 115 IS = 115	
Gymnasium 321.3	340	
Gym storage 12.5	34	
Library 156.6	100	
1,198.8 Subtotal	1,419	
<u>66.9</u> (CTS components taught in classroom)	<u>200</u>	
1,265.7 total instructional (10 instructional areas)	1,619 (9 instructional areas)	
218.8 Admin/Staff Areas	307	
62.5 Physical Education	75	
399.6 Circulation	355	
147.7 Wall Area	170	
9 Storage	50	
79.2 Washrooms	30	
0 Flexible Space	60	
7.4 Wiring Network	40	
54.8 Mechanical	80	
979 Total non-instructional	1,087	
2,244.7 Total Area (8.98m <sup>2</sup> /student Old Method (10.53m <sup>2</sup> /student) New Method	2,506 (10.02m <sup>2</sup> /student)	

Instructional area is deficient in ancillary classroom space and gymnasium storage, although the library is generous. Support spaces missing are storage and flex space.

PROPERTY LINE



PROPERTY LINE



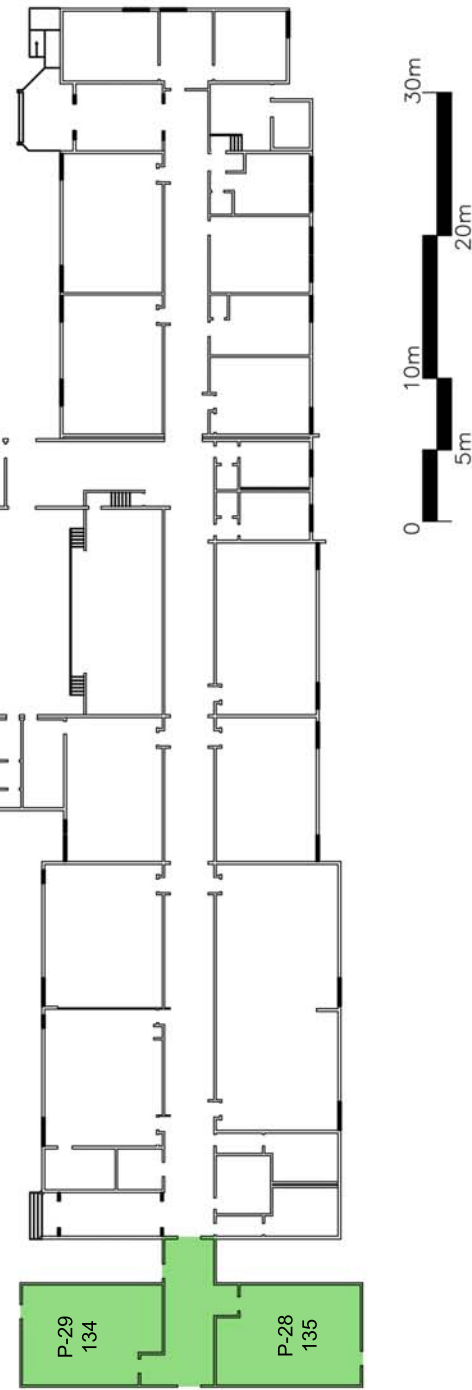
LEGAL DESCRIPTION

PLAN 1070 A.I.  
BLOCK Y, NE OF NE LIMIT OF ROADWAY PLAN 1070 A.I.  
BLOCK Y  
OF S.W. LIMITS OF ROADWAY,  
BLOCK T, BLOCK 34, LOTS 20,21,22  
PLAN 7471V

PARKLAND SCHOOL DIVISION #70

ENTWISTLE SCHOOL		ENTWISTLE SCHOOL	
		5232 - 50th STREET, VILLAGE OF ENTWISTLE	
4	UPDATED DRAWINGS	23/08/07	DATE: 01/10/01
3	UPDATED DRAWINGS	19/10/05	DWN. BY: CW
REV.	CONSTRUCTION	DATE	SCALE: 1:750
		SITE PLAN	
		A.I.	
		BID: B9374A	
		CODE: ABED1078	
		SHEET: 1 OF 3	





#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## FEBRUARY 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 ENTWISTLE SCHOOL



# KEEPHILLS SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1981 Original Building
Additions:	1981 Addition – 2 portables added (constructed on site) 1984 Addition – 1 portable (constructed on site) 1999 Addition – 1 portable (relocated from Meridian Heights)
Grades Served:	K-6
Permanent Classrooms:	2
Portable Classrooms:	3 + 1 for storage
Gross Area:	1820.3m <sup>2</sup>
Capacity:	193
Enrolment:	64.5 Adjusted Total
Utilization:	33.5
Instructional Program:	Basic academics plus music, art, drama, physical education, citizenship.



The east playing fields slope back towards the school building causing ponding along this grade 5/6 entranceway. Notice the outdoor classroom garden project on the left.



The corridor used by Kindergarten students from their entrance is also used for supply storage causing congestion concerns.



Short of storage space, a shower stall near the kindergarten entrance doubles for supplies.



**1995 Study Summary**

The unsatisfactory location of the infirmary and shortage of storage spaces were noted. The joint venture development with the community for use of the library, community hall and support space was working well.

**1999 Study Summary**

The infirmary and lack of storage were still unresolved. Increased enrolment was causing congestion problems in classrooms that contained items that would normally be stored elsewhere.

General office washroom privacy also was noted and a list of BQRP items created.

**2001 Portable Study Summary**

A portable was relocated from Meridian Heights and utilized for storage and resource space as recommended in 1999.

Roof leaks and flooring were listed as requiring attention

**2004 Study Summary**

With the change of capacity calculation, it would appear that the school should not be as congested as it is. However, due to the community hall and support areas being added to the total school area, the m2 is inflated.

With community involvement in the library, the school benefits from increased supplies including computers, however, floor damage has been noted due to community use of the gymnasium. Locker room ceiling requires repair.

A fence installed in 2003 helped alleviate some traffic/drop-off concerns. Storage and site drainage problems currently noted.

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**2010 Observations and Comments**

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Floor damage has been noted in the gymnasium due to community use.

Floor finishes in the staff room and computer lab require upgrading.

Re-roofing has been completed.

The storage / workroom portable has helped to alleviate storage concerns.

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**2010 Recommendations**

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- Replanning of administration support space is recommended in order to provide dedicated infirmary.
- Continue with identified IMR items including replacement and upgrade of intercom, fire alarm and security system.

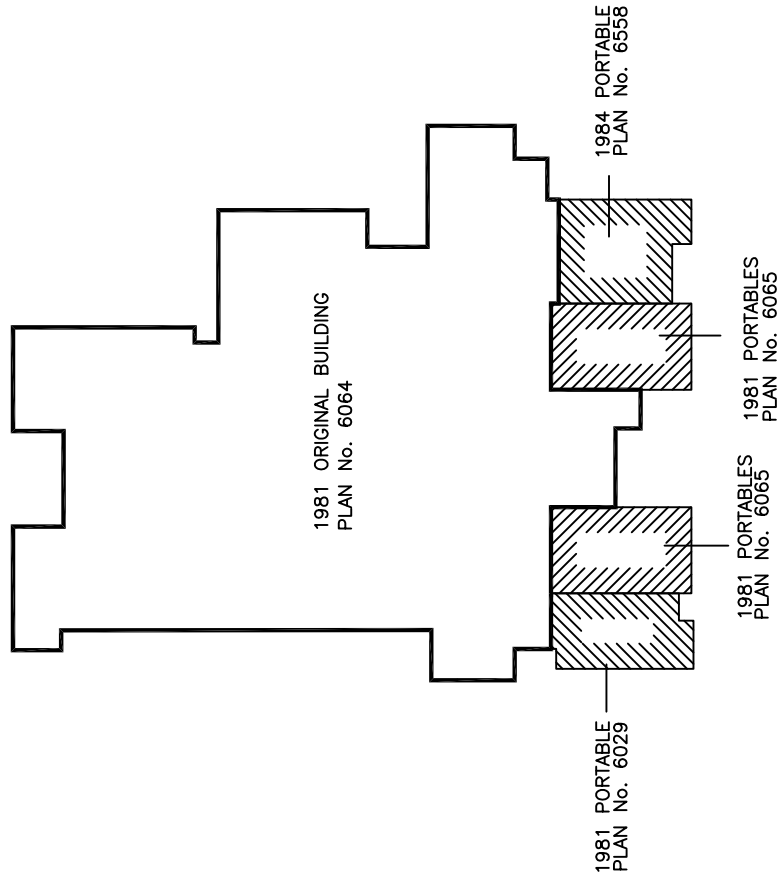
## AREA COMPARISON CHART

### KEEPHILLS SCHOOL K-6

Existing School (125 capacity) Old Method (193 capacity) New Method	Provincial Guidelines (200 capacity school)
1 Classrooms totaling 69.7	4 @ 80 = 320
0 Science totaling 98.8	1 @ 95 science = 95
3 Portables totaling 220.0	1 @ 130 anc = 130
1 Ancillary CR 70.1	2 @ 90 anc = 180
Gymnasium space totaling 234.3	250
Gym storage 10.0	25
Library 80.6	80
684.7 School	1080
248.6 Joint Use Community Hall	
933.3 total instructional (5 instructional areas)	(8 instructional areas)
124.2 Admin/Staff Areas *	150
25.3 Physical Education	50
225 Circulation	270
109 Wall Area	130
86.3 Storage	38
35.7 Washrooms	24
0 Flexible Space	48
7.9 Wiring Network	30
143.8 Community Hall Support (kit, storage, washrooms, change rooms)	
129.7 Mechanical (shared)	50
886.98 Total non-instructional	789
1,820.28 Total Area (14.56m <sup>2</sup> /student) Old Method	1,869 (9.35m <sup>2</sup> /student)
(9.33m <sup>2</sup> /student) New method	

\* includes a 7.9 m<sup>2</sup> portion of the CTS Resource Room 112 converted to server room

Without including the joint use community hall area, the instructional space for the school is deficient. Science and ancillary spaces are required.



PARKLAND SCHOOL DIVISION #70			
KEEPHILLS COMMUNITY SCHOOL			
15-51515 RANGE RD. 32A, DUFFIELD			
DATE: 09/10/01		SITE PLAN	
DWN. BY: CW		A.I.	
SCALE: 1:600		CODE: ABED1079	
		SHEET: 1 OF 3	

LEGAL DESCRIPTION  
LOT 1, 832 0555, SE 34-51-3-W5

REV.	CONSTRUCTION	DATE
4	UPDATED DRAWINGS	08/09/09
3	UPDATED DRAWINGS	05/09/07



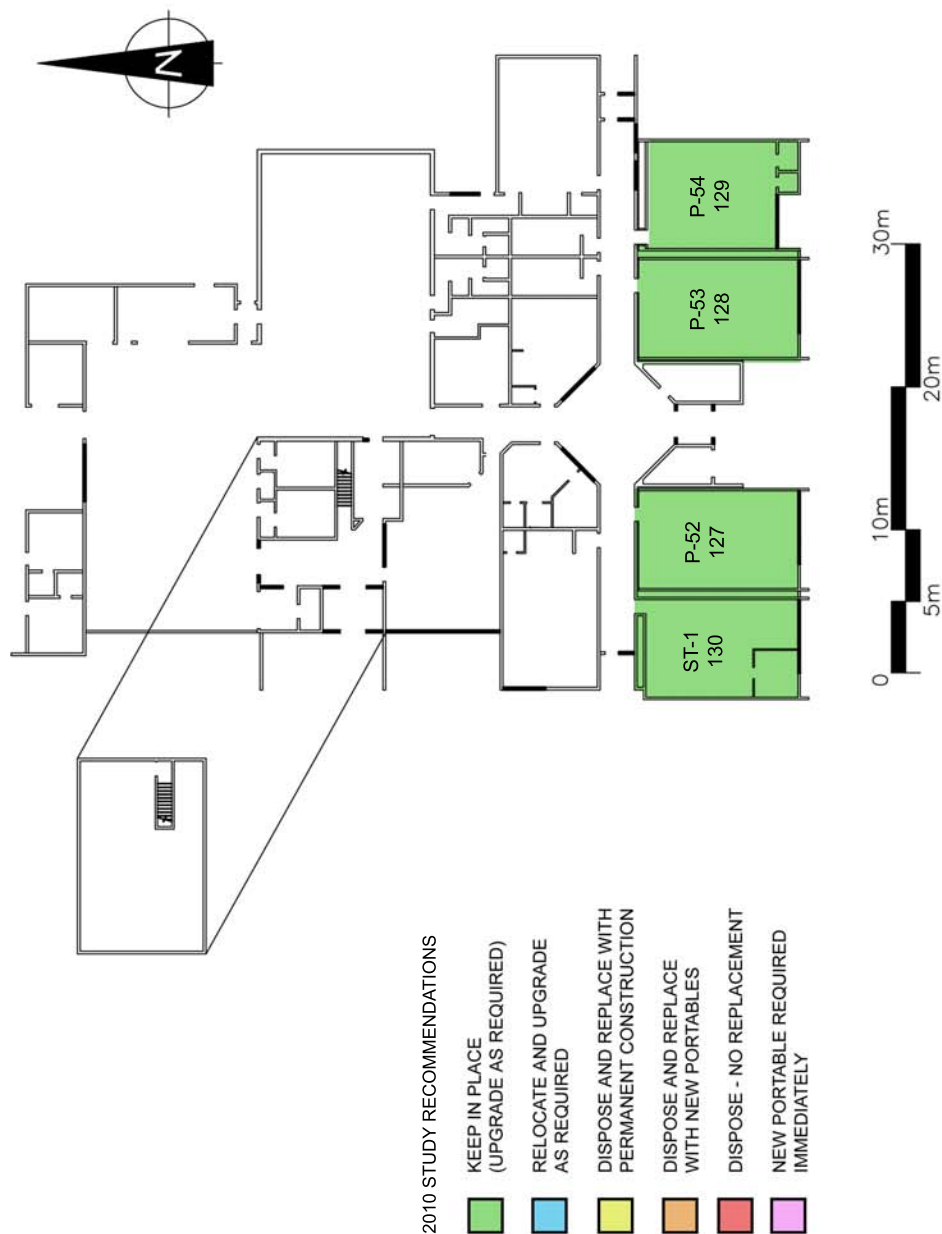
A diagram showing a stepped profile with four segments. The horizontal dimensions from left to right are 30m, 20m, 10m, and 5m. The vertical dimensions from bottom to top are 5m, 10m, and 20m. The profile is represented by a solid line, and a dashed line indicates the overall slope.



PARKLAND SCHOOL DIVISION #70	
KEEPHILLS COMMUNITY SCHOOL	
15-51515 RANGE RD. 32A, DUFFIELD	
DATE: 09/10/01	FLOOR PLAN
DWN. BY: CW	BID: B3022A
SCALE: 1:500	CODE: ABED1079
	SHEET: 2 OF 3

5	UPDATED DRAWINGS	08/09/09	
4	UPDATED DRAWINGS	05/09/07	
REV.	CONSTRUCTION	DATE	

LEGAL DESCRIPTION  
LOT 1, 832 0555, SE 34-51-3-W5



## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION NO. 70 KEEPHILLS SCHOOL

# SEBA BEACH SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1953 Original Building
Additions:	1957 Addition – Gymnasium, industrial arts, home economics, 2 classrooms (permanent construction) 1963 Addition and renovation – 8 classroom (permanent construction) 1983 Addition – Gymnasium change area (permanent construction) 1984 Addition – Library, gymnasium storage (permanent construction) 1991 Addition – 1 portable (constructed on site) 1996 Modernization – Library to CTS
Grades Served:	K-9
Permanent Classrooms:	12
Portable Classrooms:	1 + 1 for washrooms
Gross Area:	3,604.5m <sup>2</sup>
Capacity:	378
Enrolment:	147.5 Adjusted Total
Utilization:	39%
Instructional Program:	Basic academics plus music, art, drama, CTS industrial education, home economics, business education, special needs programs



A hillside rural setting for the school provides considerable opportunities for outdoor/physical education settings and community activities and gatherings.



Without the high school students, the gymnasium is a reasonable size for the enrolment, although for after hours use, gym washroom fixtures are insufficient without access to those in the school.



Small for a CTS shop (162.3m<sup>2</sup>), this room has been maintained for shop activities. Together with the adjacent small graphics room (51.1m<sup>2</sup>) provides Junior High CTS programs for both Seba Beach and Wabamun students.

**1995 Study Summary**

At that time the school was 80% utilized with a grade configuration of K-12, there were area shortages for science, gym space, student gathering and general classrooms were small. Recommendations included development of a new CTS suite in the old Industrial Arts lab, centralized computers and adding an elementary science room.

The shop areas were accessed by other divisions junior high students from Wabamum and Tomahawk.

The portables were in poor shape and upgrades were recommended.

**1999 Study Summary**

In addition to the 1995 comments and recommendations, it was also suggested that the home economics lab equipment be upgraded, parking increased and bus fumes prevented from entering school air intake.

**2001 Portable Study Summary**

Depending on the west end study results, two options were recommended, both involving disposal of four 1977 portables that were in poor condition. The music room portable only required flooring upgrades to continue to serve the school well. The washroom portable required new fixtures and millwork.

**2004 Study Summary**

The school now accommodates K-9 students. New area guidelines increased rated capacity but a request for reconsideration has been presented to Alberta Infrastructure. Considerable upgrades and improvements have taken place since 2001 including re-roofing of the lower section, fencing, new interior flooring and finishes, handicap lift, mechanical and electrical upgrades. As well, the four old portables were removed. The amount spent on these projects totaled \$254,108 and the school appearance and environmental qualities have greatly improved. Vandalism has also reduced. Another \$275,500 has been estimated to complete driveway paving, flooring upgrades in administration, change room upgrades, duct cleaning and intercom replacement. Further reroofing needs has also been identified by the roofing consultant.

**2010 Observations and Comments**

Heating in washrooms 113 and 114 has been identified as a problem. Further mechanical investigation should be undertaken.

A number of interior upgrades have taken place as well as mechanical and electrical upgrades.

**2010 Recommendations**

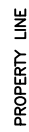
- Exterior cedar cladding to be refinished.
- Continue with proposed phase 1 re-roofing.
- Upgrade washrooms. Upper level lockers to be repainted. Duct cleaning recommended.
- Provide a door on the West wall of CTS 115 to mitigate heat build up in the room in lieu of a mechanical upgrade.
- Continue with identified IMR projects including mechanical and electrical upgrades and parking lot improvements.

## AREA COMPARISON CHART

### SEBA BEACH SCHOOL K-9

Existing School (335 capacity) Old Method (378 capacity) New Method	Provincial Guidelines (340 capacity school)
6 Classrooms totaling 422.2	9 @ 80 = 720
2 Science totaling 181.9	1 @ 120 sci = 120
1 Portable totaling 98.8 anc	1 @ 130 anc = 130
2 Ancillary CR totaling 164.6	2 @ 90 anc = 180
1 Computer lab totaling 66.0 (in Library)	1 @ 115 IS = 115
Gymnasium space totaling 447.5	515
Gym storage 28.6	52
Library 137.4	140
1,547 Subtotal	1,972
<u>378.9</u> (3 CTS components)	<u>400</u> (add 2 CTS area supplements)
1,925.9 total instructional (14 instructional areas)	2,372 (14 instructional areas)
252 Admin/Staff Areas	227
80.2 Physical Education	100
688.94 Circulation	493
481.0 Wall Area	237
31.2 Storage	69
141.4 Washrooms	42
0 Flexible Space	84
3.9 Wiring Network	40
105.8 Mechanical	80
1,678.64 Total non-instructional	1371
3,604.54 Total Area (10.75m <sup>2</sup> /student Old Method (9.54m <sup>2</sup> /student) New Method	3,743 (11.0m <sup>2</sup> /student)

The school is deficient in instructional areas, classrooms and gymnasium space. Due to inefficient existing layout, non-instructional areas exceed guidelines and yet there is inefficient storage. A specific student flex space does not exist.

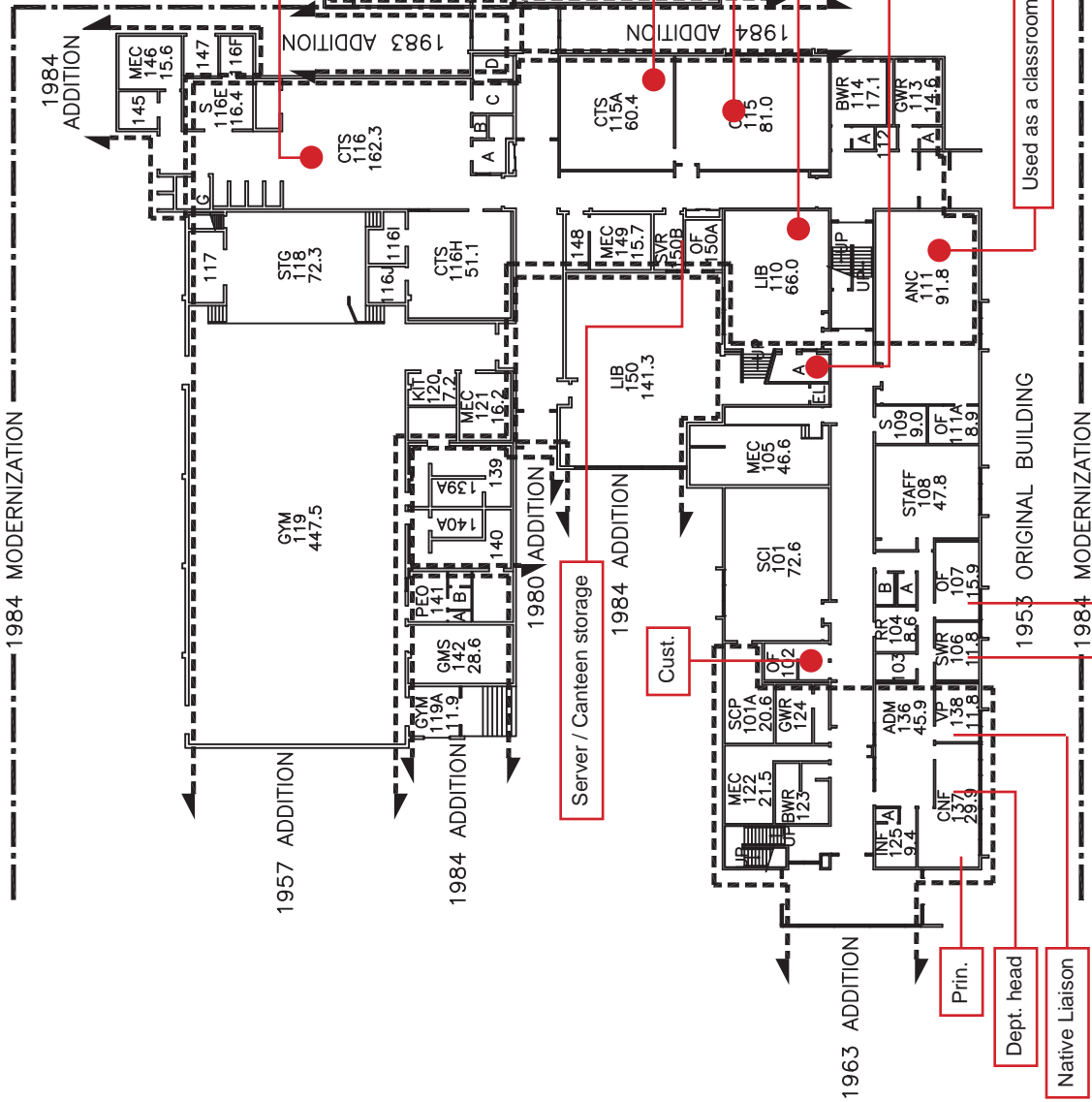


PARKLAND SCHOOL DIVISION #70

									SEBA BEACH SCHOOL
									53112 HIGHWAY 31, SEBA BEACH
3	UPDATED DRAWINGS	01/10/07	DATE:	02/10/01					
2	UPDATED DRAWINGS	21/10/05	DWN.	BY: CW					
REV.	CONSTRUCTION	DATE	SCALE: 1:750						
					SITE PLAN A.I.	BID: B393A	CODE: ABED1080	SHEET: 1 OF 5	



LEGAL DESCRIPTION  
S.E. 1/4-53-6-W5



Graphic arts + shop  
(Entwistle JH come for shop)

Server / Canteen storage

Cust.

Prin.

Dept

Native Liaison

RR/Couns

Used as a classroom

## Music

## Text book storage in shelving room divider

Doubles for 2 CR at same time

Computer lab

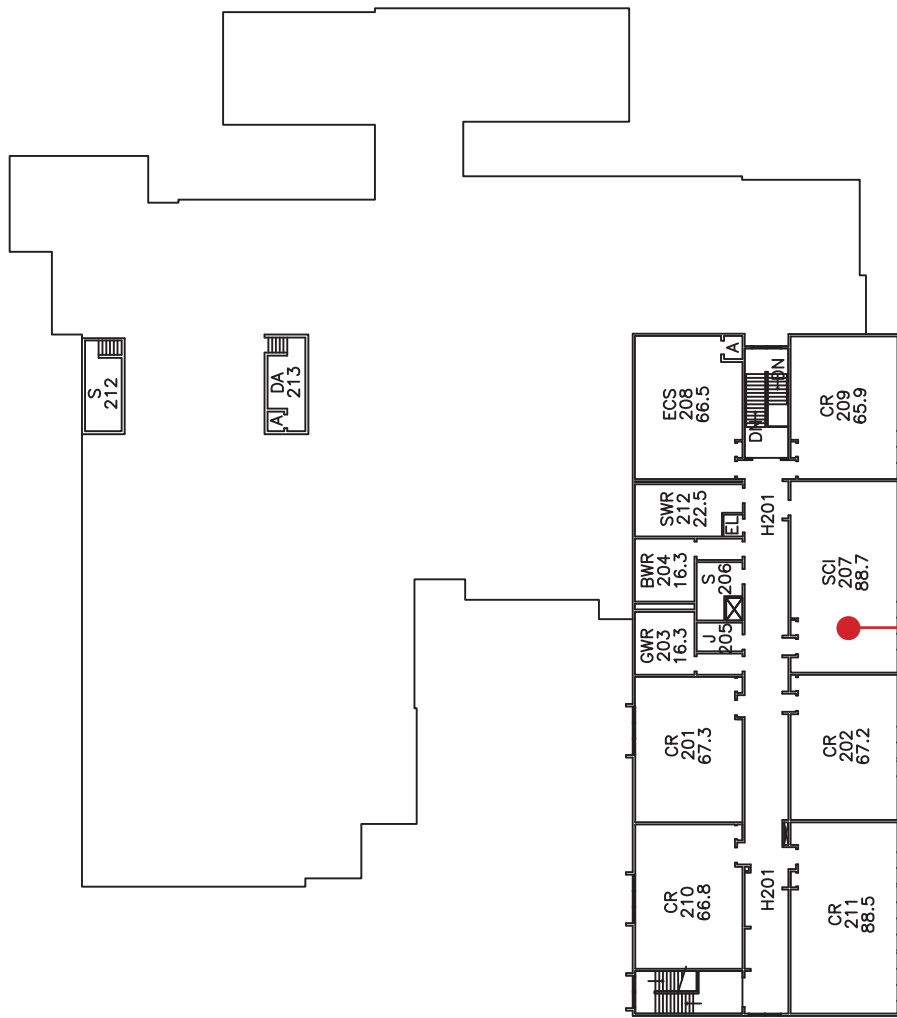
Half of library office converted

## 2010 COMMENTS AND OBSERVATIONS



PARKLAND SCHOOL DIVISION #70			
SEBA BEACH SCHOOL			
53112 HIGHWAY 31, SEBA BEACH			
DATE: 02/10/01	FLOOR PLAN		
DWN. BY: CW	A.I.		
SCALE: 1:500	BID: B3993A CODE: ABED1080 SHEET: 2 OF 5		

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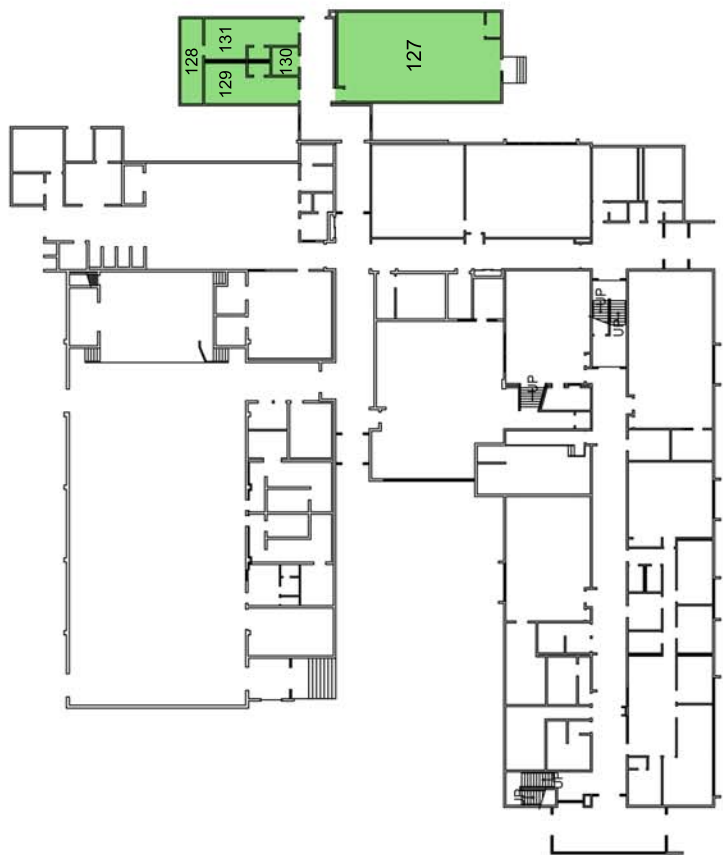
PARKLAND SCHOOL DIVISION #70			
SEBA BEACH SCHOOL			
53112 HIGHWAY 31, SEBA BEACH			
DATE: 02/10/05		BID: B3993A	
DWN. BY: SCS		2nd FLOOR PLAN	
SCALE: 1:500		CODE: ABED1080	
DATE		A.I.	
CONSTRUCTION		SHEET: 3 OF 5	



2010 COMMENTS AND OBSERVATIONS

Used as early / middle years classroom

LEGAL DESCRIPTION  
S.E. 1/4-53-6-W5



#### 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY



## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION No. 70 SEBA BEACH SCHOOL

# TOMAHAWK SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1947 Original Building
Additions:	1954 Addition – 1 classroom, admin. (permanent construction)
	1958 Addition – Gymnasium, lunch study (permanent construction)
	1963 Addition – 2 classrooms, library (permanent construction)
	1982 Addition – Gymnasium change areas (permanent construction)
	1999 Addition – 2 portables (1978 construction) relocated
from Meridian	
Grades Served:	K-9
Permanent Classrooms:	6
Portable Classrooms:	2
Gross Area:	2,109.0m2
Capacity:	200 (175 peer review request pending)
Enrolment:	122.5 Adjusted Total
Utilization:	61.4%% (80.5% if request granted)
Instructional Program:	Basic academics plus music, art, drama, set design, rhythm and performance, computers, CTS foods, outdoor education, sewing.



The tiny gymnasium storage could be expanded by providing a loft/shelf within. With a gym addition a larger storage space could be included.



The gymnasium is less than 200m<sup>2</sup> and could be expanded by over 100m<sup>2</sup> if the stage was incorporated into the footprint. With drama being such a key program within the school, a gym addition may be more suitable.



The older 1947/1954 basement of the school has a wider corridor which is utilized for ECS gathering and breakout space.



The school library also functions as the community library created by joining two adjacent classrooms. High ceilings create a spacious feeling.

**1995 Study Summary**

Missing a science room and computer room, these were both recommended improvements. At that time junior high students were bussed to Seba Beach for shop. Noted that gym and classroom areas were under provincial standards.

**1999 Study Summary**

A science room and computer room were both created. Two portables were upgraded and moved to Tomahawk from Meridian Heights. An exterior upgrade was completed. Enrolments were increasing.

The stage was being considered for potential gymnasium expansion.

**2001 Portable Study Summary**

The relocated portables were in very good condition and the breakout space in the link provides much needed resource room.

**2004 Study Summary**

Interior improvements are still required for the balance of the flooring, washroom upgrades, locker installation and server room. Currently the server is using up valuable file storage area. It possibly could be relocated to a basement phone room/custodial area that is too cold for use as the custodial office.

The gymnasium is too small and requires expansion particularly with new provincial mandate for increase physical education.

The possibility of providing a multi-purpose mobile CTS lab that would serve modules such as small engine repair or technology/shop based strands was discussed.

**2010 Observations and Comments**

The gymnasium is undersized and requires expansion.

Flooring has deteriorated on the Main Floor in hallways H101 and H102. The VCT has deteriorated within 12 years.

The possibility of providing a multi-purpose mobile CTS lab is still ongoing and will be discussed further.

**2010 Recommendations**

- Continue with identified IMR projects including roofing, mechanical and electrical upgrades and installation of lockers.
- Continue with parking improvements.
- Recommend renovating kitchen in room 112 to be a more workable arrangement as well as provide a pass-through.
- Consider and addition / modernization that increases gym space and multi-purpose student areas.

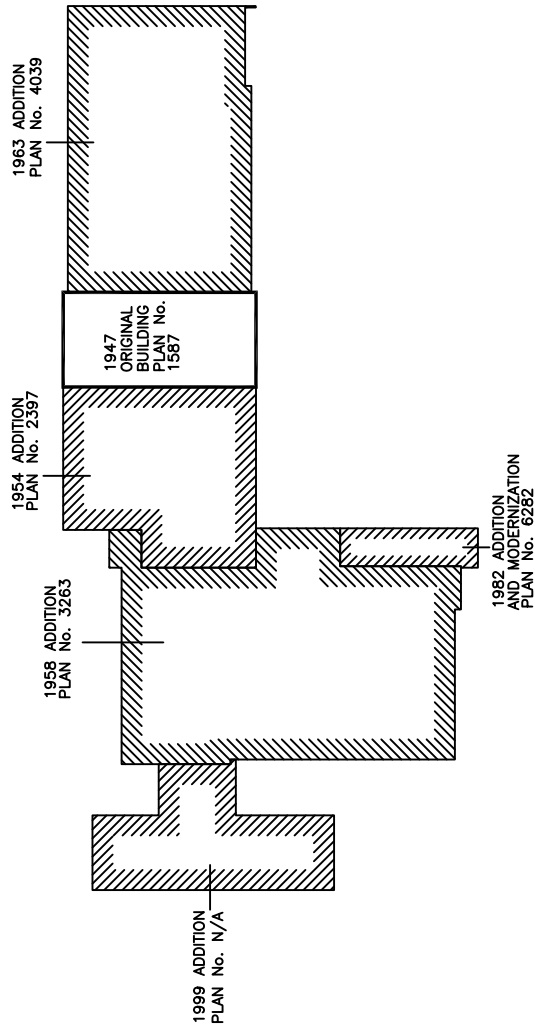
## AREA COMPARISON CHART

### TOMAHAWK SCHOOL K-9

Existing School (175 capacity) Old Method (200 capacity) New Method	Provincial Guidelines (200 capacity school)
5 Classrooms totaling 382	4 @ 80 = 320
0 Science	1 @ 120 sci = 120
2 Portables totaling 142.4	1 @ 130 anc = 130
2 Ancillary CR totaling 181.7	1 @ 90 anc = 90
1 Computer lab 65.6	1 @ 115 IS = 115
Gymnasium 195.7	340
Gym storage 11.4	34
Library 137.9	80
1,116.7 Subtotal	1,229
<u>55.0</u> (1 CTS/kitchen components)	<u>200</u> (add 1 CTS area supplements)
1,171.7 total instructional (10 instructional areas)	1,429 (8 instructional areas)
140.5 Admin/Staff Areas	150
61.2 Physical Education	75
310.5 Circulation	307
114.6 Wall Area	147
69.5 Storage	43
81.2 Washrooms	24
0 Flexible Space	48
11.0 Wiring Network	40
148.8 Mechanical	50
937.3 Total non-instructional	885
2,109.0 Total Area (12.05m <sup>2</sup> /student Old Method	2,314 (11.57m <sup>2</sup> /student)
(10.6m <sup>2</sup> /student) New Method	

The gymnasium is significantly undersized and there is no designated student flex area. The generous corridors and numerous stairs contribute to an inefficient net to gross ratio.

PROPERTY LINE



PROPERTY LINE

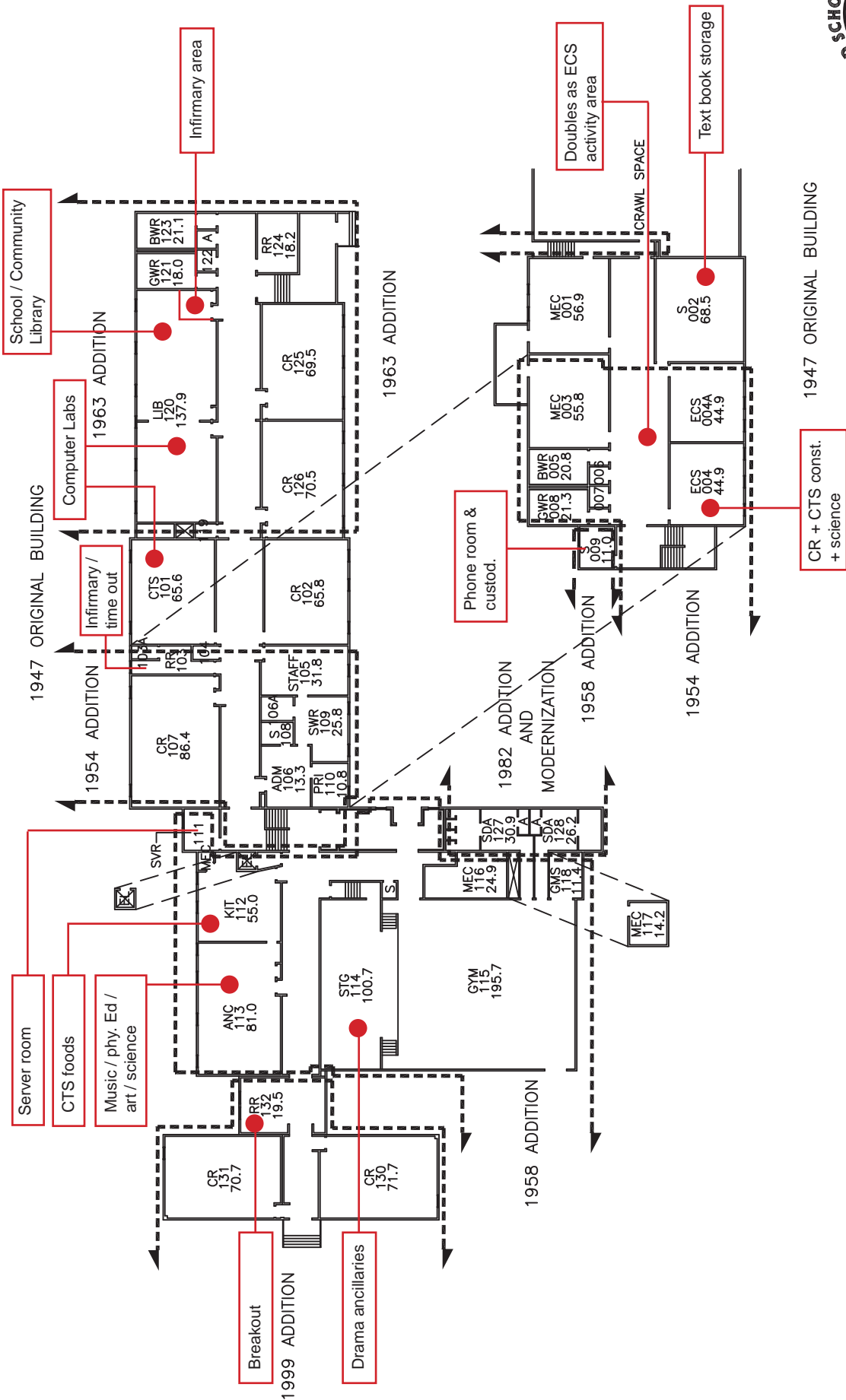


# PARKLAND SCHOOL DIVISION #70

TOMAHAWK SCHOOL		6119 TWP. RD. 512, TOMAHAWK	
DATE: 03/10/01		DATE: 01/10/07	
DWN. BY: CW		DWN. BY: CW	
SCALE: 1:750		DATE	
A.I.		SITE PLAN	
CODE: ABED1087		BID: B4183A	
SHEET: 1 OF 3		CONSTRUCTION	



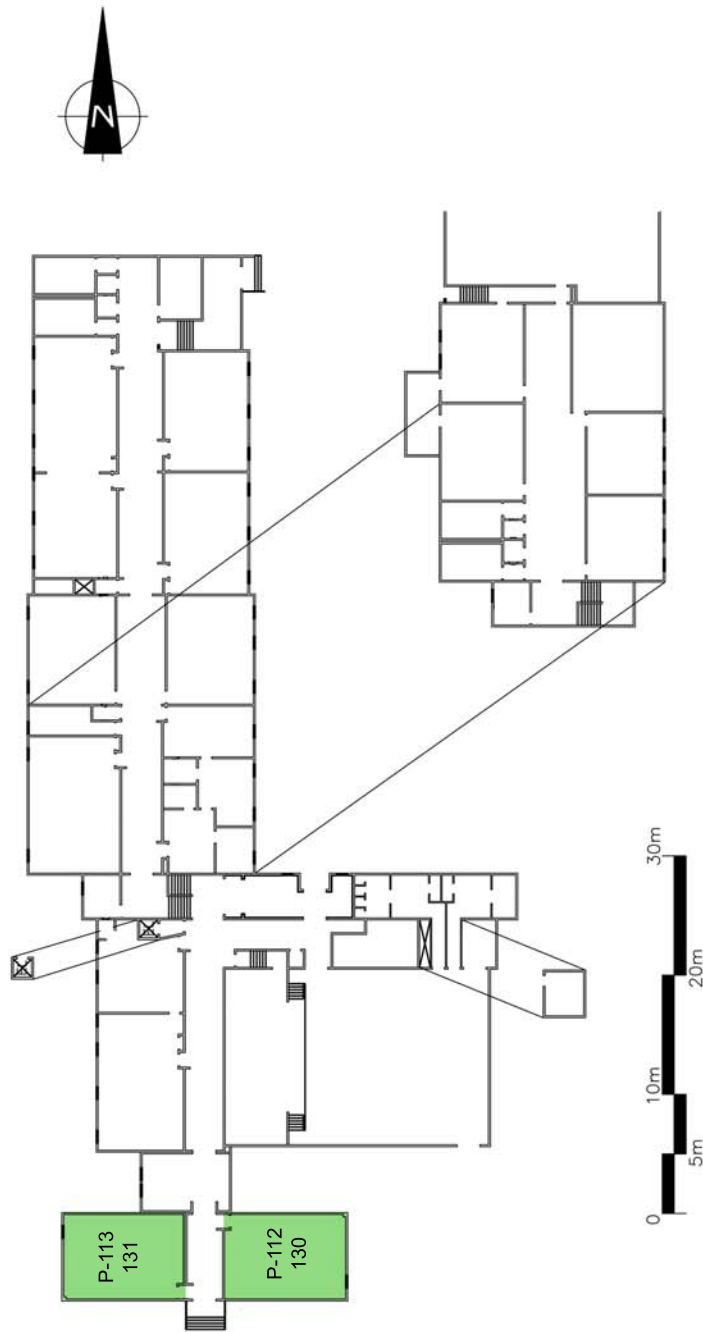
LEGAL DESCRIPTION  
(PSD NW1/4 11-51-6-W5)



2010 COMMENTS AND OBSERVATIONS

PARKLAND SCHOOL DIVISION #70		TOMAHAWK SCHOOL	
		6119 TWP. RD. 512, TOMAHAWK	
4	UPDATED DRAWINGS	01/10/07	DATE: 03/10/01
3	UPDATED DRAWINGS	21/10/05	DWN. BY: CW
REV.	CONSTRUCTION	DATE	SCALE: 1:500
		FLOOR PLAN	
		A.I.	
		CODE: ABED1087	
		SHEET: 2 OF 3	





# 2010 STUDY RECOMMENDATIONS

- KEEP IN PLACE  
(UPGRADE AS REQUIRED)
- RELOCATE AND UPGRADE  
AS REQUIRED
- DISPOSE AND REPLACE WITH  
PERMANENT CONSTRUCTION
- DISPOSE AND REPLACE  
WITH NEW PORTABLES
- DISPOSE - NO REPLACEMENT
- NEW PORTABLE REQUIRED  
IMMEDIATELY

## MARCH 2010 FACILITY PLAN UPDATE - ONPA

PARKLAND SCHOOL DIVISION No. 70 TOMAHAWK SCHOOL



# WABAMUN SCHOOL

PARKLAND SCHOOL DIVISION NO. 70



Year Built:	1955 Original Building
Additions:	1965 Addition – 2 classrooms, library (permanent construction) 1978 Addition – Gymnasium (permanent construction) 1987 Addition – 2 classrooms (permanent construction)
Grades Served:	K-9
Permanent Classrooms:	8
Portable Classrooms:	0
Gross Area:	1747.8m2
Capacity:	165
Enrolment:	104.5 Adjusted Total
Utilization:	63.2%
Instructional Program:	Basic academics plus computers, music, art, drama, language arts, social studies



Typical classroom in original building has generous ceiling height, sloped chalkboards and the warmth of wood flooring.



Looking down the main corridor shows the original 1955 school building with refurbished wood floors.



Acoustics are a concern in the gymnasium.

**1995 Study Summary**

Junior high students at that time were traveling to Seba Beach for Industrial Education, which was very costly.

Library and student washroom location was thought to be remote to the majority of teaching spaces.

Storage and staff work room were areas identified for upgrades.

**1999 Study Summary**

The kindergarten room was upgraded since 1995. Space requirements noted at this time were lack of storage, small gym size and need for a multi-purpose room that could accommodate a music program.

The infirmary was noted as being too remote for adequate supervision and there were insufficient outlets to accommodate computer technology.

**2004 Study Summary**

Upgrades over the last few years have also included floor ceiling and wall finish replacement, new exterior paint, fire alarm system, surge protection, security and intercom replacement.

Lack of storage is still a concern. Lunch tables and chairs are stored in shower/change rooms, the stage is in a corridor, the existing storage shed leaks, and the basement storage room has mildew and moisture problems.

Several rooms still require new floor finishes, although if possible, the vintage hardwood floors may be salvageable.

The gymnasium is small at 246.5m<sup>2</sup> and does not have a stage or fine arts ancillary to enhance programs. Acoustics in the gym are a concern and an IMP budget has been identified for the installation of acoustic panels in the future.

**2010 Observations and Comments**

The acoustics in the gymnasium are still a concern. Acoustic baffling is required and a sound system would be recommended.

The playground is new and in good condition. The playing field has been re-done as well.

The lack of storage is still a concern.

Flooring and painting IMR items have been completed.

**2010 Recommendations**

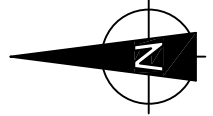
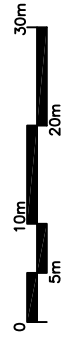
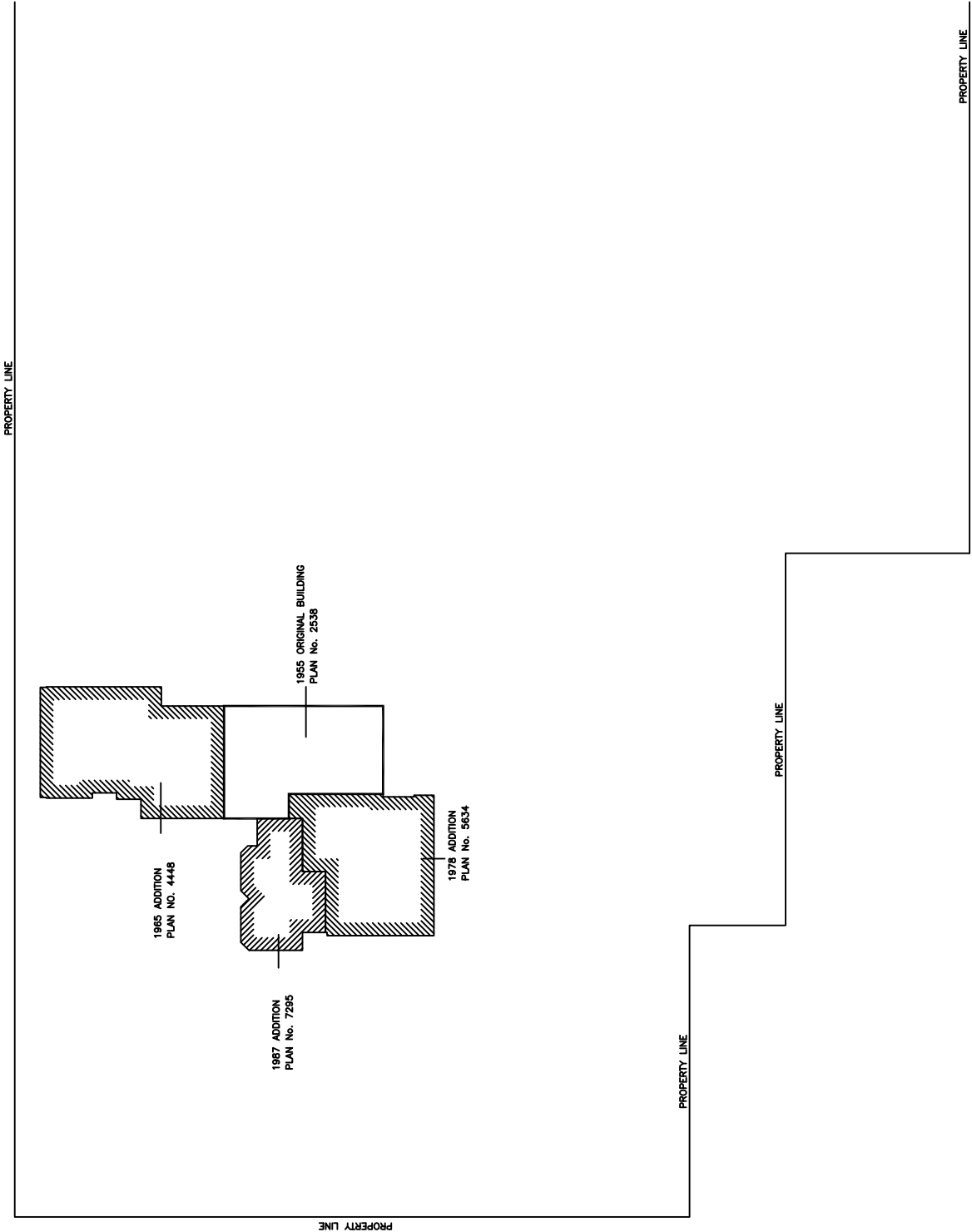
- The existing storage shed still leaks and requires repair / replacement.
- Provide acoustic treatment in the gymnasium
- Some identified IMR items may be addressed by relocating items from the closed Memorial Composite High School site.
- The basement moisture problem should be addressed through a vapour barrier system.
- Continue with identified IMR items including roofing and interior replacements.

## AREA COMPARISON CHART

### WABAMUN SCHOOL K-9

Existing School (200 capacity) Old Method (165 capacity) New Method	Provincial Guidelines (165 capacity school)	
5 Classrooms totaling 327.3	3 @ 80 = 240	
1 Science totaling 79.2	1 @ 120 sci = 120 1 @ 130 anc = 130	
1 Ancillary 68.4	1 @ 90 anc = 90	
Gymnasium 246.5	250	
Gym storage 23.6	25	
Library 93.4	70	
917.10 Subtotal	1040	
(8 instructional areas)	(8 instructional areas)	
138.3 Admin/Staff Areas	150	
72.8 Physical Education	50	
225 Circulation	245	
191.6 Wall Area	118	
50.8 Storage	34	
76 Washrooms	21	
0 Flexible Space	42	
9.3 Wiring Network	30	
66.9 Mechanical (shared)	50	
830.7 Total non-instructional	740	
1,747.8 Total Area (8.74m <sup>2</sup> /student) Old Method (10.59m <sup>2</sup> /student) New method	1,780 (10.78m <sup>2</sup> /student)	

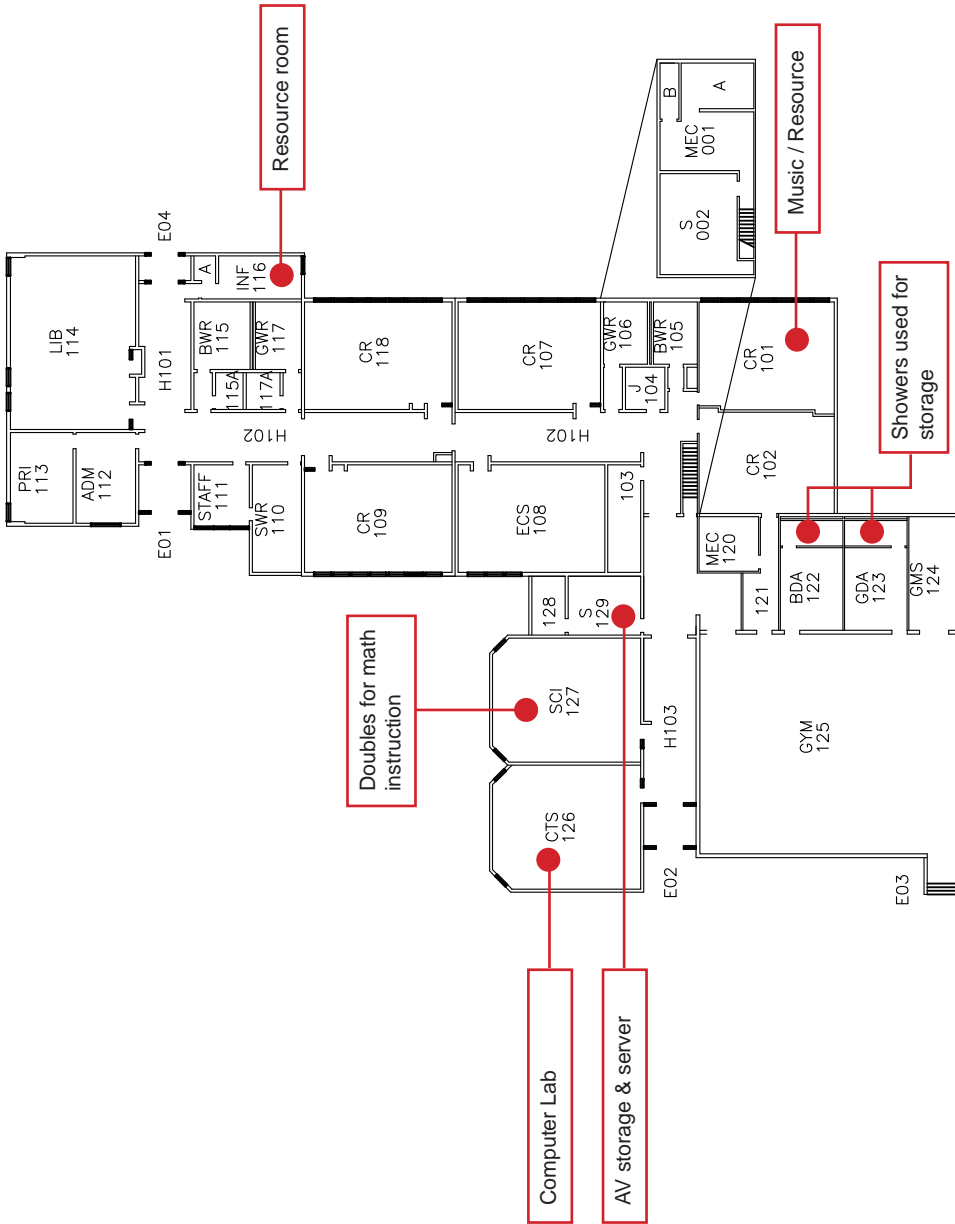
\* includes 15.8 CTS Resource Room 112



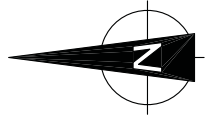
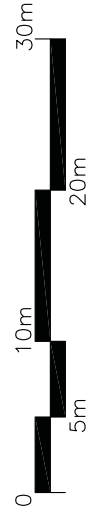
PARKLAND SCHOOL DIVISION #70			
WABAMUN SCHOOL			
5305 - 50th STREET, WABAMUN			
DATE: 01/10/04		SITE PLAN A.I.	
DWN. BY: SCS			
SCALE: 1:1000		BID: B4221A	
		CODE: 1085	
		SHEET: 1 OF 3	

REV.	CONSTRUCTION	DATE	
2	UPDATED DRAWINGS	21/10/05	
1.	UPDATED DRAWINGS	01/10/04	

LEGAL DESCRIPTION  
 PLAN 832 0786  
 BLOCK 7, LOT 11



PARKLAND SCHOOL DIVISION #70			
WABAMUN SCHOOL			
5305 - 50th STREET, WABAMUN		PLOT ID: 00628	
DATE: 01/10/04		FLOOR PLAN	
DWN. BY: SCS		MAINTENANCE	
SCALE: 1:500		SHEET: 1 OF 1	



2010 COMMENTS AND OBSERVATIONS

LEGAL DESCRIPTION  
PLAN 832 0786  
BLOCK 7, LOT 11

# **Parkland School Division No. 70**

## **2005 to 2019 Enrolment Analysis**

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**March 2010**

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## Executive Summary

### Project Description and Methodology

To update the Parkland School Division No. 70 enrolment projections through a comprehensive 5-year historic review and 10-year projection analysis to ensure that schools in the Division operate at utilization rates that serve the current and future requirements of the student population. Data used in this report has been taken from the Government of Alberta website and approved data that Parkland School Division has submitted to Alberta Education.

### Summary of Proposal

This document supports a new Long Range Facility Plan for Parkland School Division and is intended to guide the physical development of the educational delivery system for the School Division over the next 10 years.

The overarching objectives of this plan are to review options that:

- Meet current and future space needs for the maintenance and growth of the jurisdiction by providing space, when and where it is required.
- Provide a short term solution to facility pressure points.

### School Jurisdiction Overview and Enrolment Summary

Parkland School Division resides on the western edge of Edmonton, Alberta, surrounding and including the City of Spruce Grove, Town of Stony Plain and Parkland County. The Division strongly supports both urban and rural public education through its 22 schools and provides parents 13 programs of choice, including French Immersion, Christian Program and Home Education.

### Historic Enrolment

With 8,771.5 full time equivalent students in twenty-two schools and an operational capacity of 11,683 spaces, the Division is presently utilized at 80.4% (*This takes into account 363 Code 40 students, giving an adjusted enrolment of 9,396.5 students*)

Although student enrolment has decreased by 16 students over the past five years, students with a code 40's designation have increased. This, with a small increase in capacity has seen the Division utilization drop 0.4% since 2005.

During this time the kindergarten enrolment has increased by 76 students; grade 1 by 30 students, total K-6 by 119 students and 7-9 and 10-12 enrolments have decreased by 118 and 17 respectively.

### Projected Enrolment

Over the next five to ten years, the Division is expected to see a steady enrolment growth. The economy is expected to grow in 2010, with housing starts in Spruce Grove and Stony Plain already increasing from 2009 lows and a strong Capital Region increase of "Live Births" in 2006 and 2007 (*Entering the system in 2012 and 2013*). The main factor not included in this assessment is the unknown in and out-migration which is evident in the enrolment turnover in many schools. With a significant number of affordable housing in this area, it is anticipated that this transition will continue.

### Conclusions

Stony Plain and Spruce Grove have seen a strong population growth over the past five years while Parkland County has seen a moderate growth. (See Appendix G) Although housing activity has been down substantially across the Division, it is expected to partially rebound in 2010. Also having an impact on development and enrolments in the mid to long term (5-10 years) will be the impact of the 2009 Capital Region Growth Plan. See summary in "Demographic Overview".

Population in the three zones are 14,500 (Stony Plain - Estimated), 23,326 (Spruce Grove) and 30,089 (Parkland County). Population growth, however has not translated into comparable student enrolment growths. Since 2005 the Stony Plain zone has seen an enrolment decrease of 110 students (-3%) while the Spruce Grove zone has seen a net increase of 165 students (+4%) and West Parkland a net decrease of 70 students (-8%).

Utilizations of schools in the Spruce Grove zone are high and will continue to increase. Based on this, Spruce Grove capital needs will be the highest in the Division, with the most immediate need at the Early Years level, followed immediately by growth in the Grade 5-9 level. This growth, moving through the system will have an impact at the High School level towards the end of the ten year projections. Within this review period it is not anticipated that a new High School will be required in Spruce Grove. Also, changing the current High School grade configuration from 10-12 to 9-12 was considered to alleviate utilization pressures at the lower levels. This partially relieved pressure at the Middle Years Schools but provided no relief at the Early Years Schools. For these reasons and the substantial increase in cost between a Middle School and High School, the option was not considered to be viable.

Utilizations of schools in the Stony Plain zone are also high but will not increase based on larger enrolments in higher grades leaving as opposed to lower grades entering the system.

Utilizations of schools in the West Parkland zone are low and will remain at low levels for the foreseeable future.

## **Options**

### **Long-Term...*Facility Needs***

#### **Spruce Grove Zone**

Priority 1 - Add one 500 capacity Early Years School

Priority 2 - Add one 500 capacity Middle Years School

Priority 3 – Remove four modular classrooms from Graminia School and relocate two modular classrooms to Parkland Village School

#### **Stony Plain Zone**

Priority 4 - Remove two modular classrooms from Blueberry School

### **Short-term...*Utilization Adjustments***

#### **Spruce Grove Zone**

Millgrove and Parkland Village – Adjust attendance boundaries to balance enrolments

#### **Stony Plain Zone**

Continue to monitor school utilizations. (Most schools are over 80% utilization)

## Introduction

The impetus for this enrolment projection study is to provide appropriate instructional space for the students of Parkland School Division. A number of issues are driving this initiative.

The overarching objectives of enrolment projections are to review options that:

1. Meet current and future space needs for the maintenance and growth of the jurisdiction by providing space when and where it is required.
2. Provide a short term solution to facility pressure points.

The following issues were considered when developing enrolment and utilization scenarios:

1. The current Divisional utilization rate is 80.4%. However, not reflected is that one new grade 10 to 12 school will be added in the 2009/10 school year and the current high school will be closed when the new school is opened. This will result in a 255 capacity increase for the Stony Plain zone and the School Division.
2. The School Division has three distinct geographic sectors (Zones) with different issues in each zone.

### Spruce Grove Zone

The schools in this zone carry a high but acceptable utilization rate. This however is the fastest growing area in the Division. With strong enrolment in the lower grades and continued growth very probable (*based on live birth data*), additional space will be required within the next two to three years to accommodate growth at the K-4 and 5-9 levels. In the short-term, adjustments will be required to balance enrolments but modular classroom additions are not feasible based on significant site restrictions.

### Stony Plain Zone

The schools in this zone carry a high utilization rate. It is anticipated that enrolment in this zone will remain stable or even decline over the next five years. While enrolment at each grade level over the past five years has been constant or increased slightly, the number of students leaving grade 12 far outnumbers the grade 1 enrolments. This trend is expected to continue.

### West Parkland Zone

The schools in this zone carry a low utilization rate, are rural and small to medium in size. There is no opportunity to right-size these schools or adjust boundaries to balance enrolments. It is anticipated that enrolment in this zone will remain stable over the next five years as the number of students leaving grade 12 is comparable to new grade 1 enrolments. This trend is expected to continue.

## Background

### SCHOOL JURISDICTION OVERVIEW AND ENROLMENT SUMMARY

Parkland School Division currently serves 9,454 K-12 students residing on the western edge of Edmonton, Alberta, surrounding and including the City of Spruce Grove, Town of Stony Plain and Parkland County. The Division strongly supports both urban and rural public education through its 22 schools and provides parents 13 programs of choice, including French Immersion, Christian Program and Home Education.

It fosters an inclusive approach to serving students with special needs, but maintains a full complement of program of needs. It addresses the complex needs of at-risk students by working with community agencies under our Sunrise Support Initiative to find appropriate and effective interventions and recognizes the unique needs of First Nations, Metis and Inuit students and their families by providing support services through Native Liaison Workers.

The Division measures its success through a variety of Student Achievement indicators, including classroom based assessments, satisfaction levels, scholarships, and completion rates, as outlined in the jurisdiction's AERR. It provides small class sizes, in accordance with Alberta Education standards and improves student learning and performance by setting Quality Learning Standards and fostering initiatives through Educational Research.

#### UNIT OF ANALYSIS

There are currently three Geographic Sectors (Attendance Zones) in the Parkland School Division. These were developed in 2003 as logical School Facility Planning areas around major geographical obstructions. As such, the Sectors are as follows:

**Spruce Grove Zone** – All schools north of the North Saskatchewan River, west of Edmonton city limits, south of secondary highway 633 and east of Range. Rd. 22. Schools in this zone are:

- Brookwood School
- École Broxton Park School
- Greystone Centennial School
- Millgrove School
- Spruce Grove Composite High School
- Woodhaven Middle School
- Graminia School and
- Parkland Village School

**Stony Plain Zone** – All schools north of the North Saskatchewan River, west of Range. Rd. 275, south of secondary highway 633 and east of Rge. Rd. 22. Schools in this zone are:

- Forest Green School
- High Park School
- Memorial Composite High School
- École Meridian Heights School
- Stony Plain Central School
- Muir Lake School and
- Blueberry School

**West Parkland Zone** – All schools north of the North Saskatchewan River, west of Range. Rd. 22, south of Twp. Rd. 534 and east of Range. Rd. 75. Schools in this zone are:

- Seba Beach School
- Tomahawk School
- Wabamun School
- Keephills School
- Duffield School and
- Entwistle School

## **METHODOLOGY**

### **Historic and Projected Enrolment Overview**

Enrolment projections for this project were developed using existing information from a number of sources including school and Centre for Education administration, Municipal Planning Authorities, Alberta Health Services, the Capital Region Growth Plan and Municipal, Provincial and Federal census data.

#### **Factors Affecting Projections**

- Cohort Survival Rate
- Residential Development
- Economics
  - i. National
  - ii. Provincial
  - iii. Local
- Administrative Procedures
  - i. Bussing Fees
  - ii. School Fees
  - iii. Program Changes
  - iv. Boundary Changes
- Live Births
- Competition
  - i. Home Schooling
  - ii. Private Schools
- Drop-Out/Retention/Acceleration
- In/Out migration

The method for determining enrolments is as follows.

#### **Actual Enrolments**

Actual enrolments for each school by grade for the past five years have been taken from the Alberta Education website. Included in these enrolments are Special Education students (Code 40's) and

kindergarten as "full time equivalents"<sup>1</sup>. Excluded in these counts are home-schooled and outreach students. These ten-year trends are available in a separate report.

### **Projected Enrolments**

#### **Cohort Survival**

Projections have been developed using the principles of "Cohort Survival". The spreadsheets for each school automatically move student enrolments by grade to the next grade in the upcoming year, i.e., 20 students in grade 1, 2008, will project to 20 students, grade 2, in 2009, and so on. In the same way enrolments are transferred from early years to middle years schools and from Grade 9-to-high schools by formula. It is important to remember, however, that pure Cohort Survival rates will not offer accurate projections as there are many other factors affecting growth patterns.

#### **Kindergarten Projections:**

- i. Live Births were checked over the past six years. Statistics are available through "Vital Statistics" and Alberta Health Services.
- ii. Administrative Procedures as they relate to program access, attendance boundary changes, fees and transportation.
- iii. Other private or school based programs that are offered in the community.
- iv. In and Out-migration. This is a major factor in projecting enrolments in each of the three attendance zones.

#### **Grade 1 Projections:**

This is the most difficult to project as kindergarten is not mandatory; in some cases students attend a different school or jurisdiction for grade 1. A combination of all data is used to project this number.

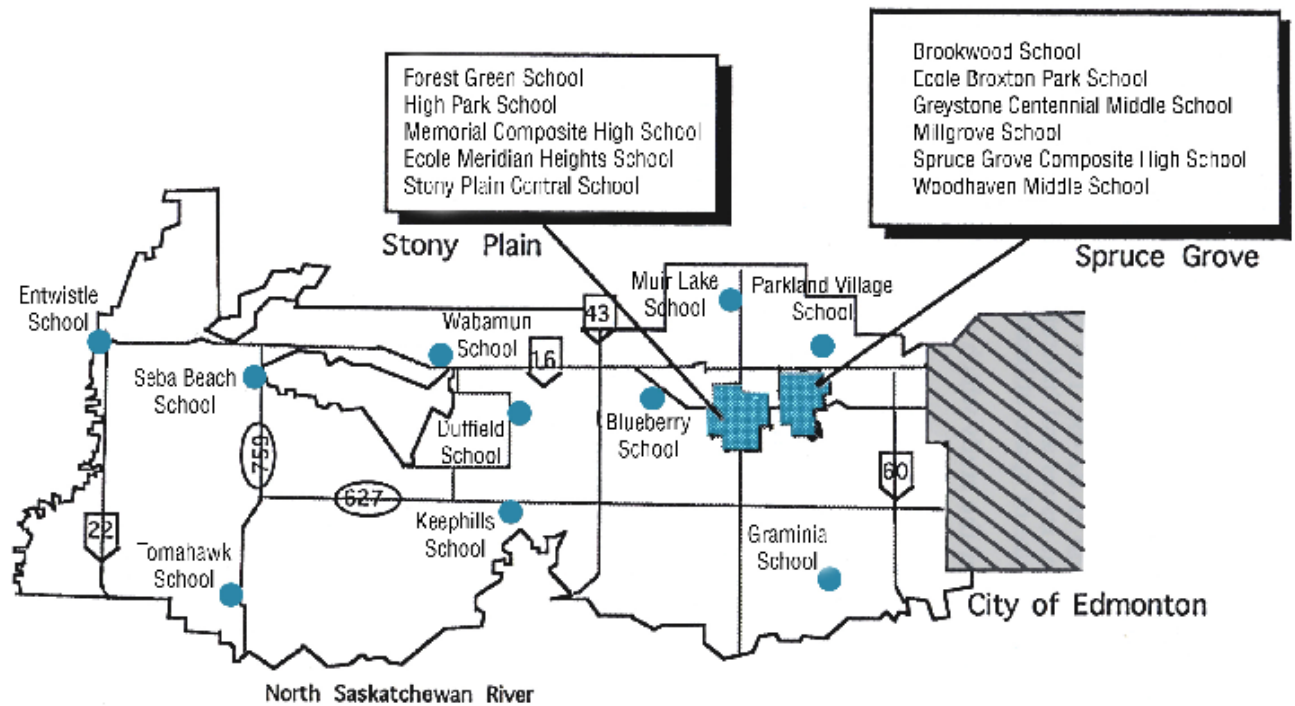
#### **Grade 2 to 12 Projections:**

While this is developed using the same information above, particular attention is paid to students moving to a school at the next level). Anomalies are normally found here and it is important to understand where and why these occur.

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<sup>1</sup> Each student is counted as 0.5 based on students attending half day of instruction.

## School Location Map



## Demographic Overview<sup>2</sup>

### Provincial

Migration patterns are difficult to predict because they are often strongly influenced by short-term economic considerations. In the recent past, Alberta has shown a strong increase in net migration. A recent Statistics Canada report found that between July and October 2009, 3,316 more people left Alberta for other provinces than moved here, the first negative inter-provincial migration number in 13 years. However, Alberta's overall population still increased by 12,783 because of the number of births and people arriving from other countries and the province was one of four that had its population rate increase above Canada's rate.

Over the fifteen years from 1992-2009 the population of Alberta grew from 2,543,137 to 3,630,000. This represents a growth of 42.7% over seventeen years. From 2001 (*Federal Census*) to 2009 the population has grown from 2,974,807 to 3,630,000. (22% increase)

From 2006 (*Federal Census*) to 2009 the population has increased from 3,290,350 to 3,630,000. (10.3% increase)

### Capital Region Area<sup>3</sup>

Over the next 35 years, the population of the Capital Region is projected to grow to over 1.7 million people. This growth of almost 615,000 represents an average annual growth rate of 1.3% over the projected period.

The population of Edmonton is projected to grow from approximately 767,000 in 2008 to 1.145 million in 2043. This growth of just over 378,000 represents an average annual growth rate of 1.2% over the projected period.

The rest of the Capital Region is projected to grow from approximately 327,000 people to 563,500 by 2043. This growth of just over 236,000 represents an average annual growth rate of 1.6% over the projected period.

### City of Spruce Grove

Spruce Grove was incorporated as a city in 1986. Since 1976 it has grown steadily at an average annual rate of 3.7% which is above the average for the Edmonton region. (2.6%) Spruce Grove's population is projected to grow from 23,326 in 2009 (*Municipal Census*) to between 36,191 and 40,191 by 2043. This growth reflects an average annual change of between 1.4% and 1.7% over the projection period. Growth will depend on:

- The concentration of residential development in communities with proximity to major employment areas in the region and
- The possibility of jobs and population to locate in the Acheson area.

Housing starts peaked in 2005 at 1,000 and in 2009 returned to the 2007 level of 400.

### Town of Stony Plain

Stony Plain was incorporated as a town in 1908. Since 1976 it has grown steadily at an average annual rate of 5.2% which is double the average for the Edmonton region (2.6%). Stony Plain's population is projected to grow from 14,310 in 2008 to between 24,125 and 27,125 by 2043. This growth reflects an average annual change of between 1.5% and 1.8% over the projection period. Growth will depend on:

- The concentration of residential development in communities with proximity to major employment areas in the region and

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<sup>2</sup> For Live Birth and Population data, see Appendix C.

Data taken from "Growing Forward - 2009 Capital Region Growth Plan"

- The possibility of jobs and population to locate in the Acheson area.

Housing starts peaked in 2002 at 650 and in 2009 were at 59.

### **Village of Wabamun**

Wabamun was incorporated as a Village in 1980. Since 1976 growth has been sporadic averaging a net decline 0.4% per year, which is below the average for the Edmonton region (2.6%). The population is projected to grow from 610 in 2008 to 746 by 2043. This growth reflects an average annual change of 0.6% over the projection period.

Wabamun is expected to experience growth that is largely consistent with historic trends.

Housing starts peaked in 2004 at 7 units and since then remain low.

Following a significant increase in population between 1976 and 1981, Parkland County has grown steadily. Since 1976 this growth has averaged 2.5% per year, which is just below the average for the Edmonton Region (2.6%).

### **Parkland County**

Parkland County's population is projected to grow from 30,089 in 2009 to between 32,231 and 46,231 by 2043. This growth reflects an average annual change of between 0.2% and 1.3% over the projection period. Growth will depend on:

- The application of Land Use Principles and Policies relating to country residential development and
- Industrial growth in the Acheson Industrial park and Edmonton and by development of additional power plant operations in the County.

Housing starts peaked in 2002 at 300 and have remained low since 2005.

## Enrolment and Utilization Summary

### Division Enrolment and Utilization<sup>4</sup>

#### Historic Enrolment

With 8,771.5 full time equivalent students in twenty-two schools and an operational capacity of 11,683 spaces, the Division is presently utilized at 80.4% (*This takes into account 363 Code 40 students, giving an adjusted enrolment of 9,396.5 students*)

Although student enrolment has decreased by 16 students over the past five years, students with a code 40's designation have increased. This, with a small increase in capacity has seen the Division utilization drop 0.4% since 2005.

During this time the kindergarten enrolment has increased by 76 students; grade 1 by 30 students, total K-6 by 119 students and 7-9 and 10-12 enrolments have decreased by 118 and 17 respectively.

#### Projected Enrolment

Over the next five to ten years, the Division is expected to see a steady enrolment growth. The economy is expected to grow in 2010, with housing starts in Spruce Grove and Stony Plain already increasing from 2009 lows and a strong Capital Region increase of "Live Births" in 2006 and 2007 (*Entering the system in 2012 and 2013*). The main factor not included in this assessment is the unknown in and out-migration which is evident in the enrolment turnover in many schools. With a significant number of affordable housing in this area, it is anticipated that this transition will continue.

### Zone Enrolment and Utilization

#### Spruce Grove Zone

##### Historic Enrolment

With an FTE student enrolment of 4,092.5, Spruce Grove Zone has increased by 165 students since 2005 (+3.5%). Code 40 students have increased by 51 students in this period, adding to the increase in adjusted enrolment. The zone currently operates at a utilization rate of 83.1% with schools operating between 54.4% and 107.6%. Schools within the city limits operate between 77.8% and 107.6%. All of this growth has occurred over the past two years.

During this time the kindergarten enrolment has increased by 112 students; grade 1 by 48 students, total K-6 by 220 students, 7-9 a decrease of 76 students and grade 10-12 enrolments have increased by 21 students.

##### Projected Enrolment

With residential development in Spruce Grove increasing in the later part of 2009 and expected to continue through 2010, the utilization in the zone is expected to increase into the mid 90 percentile range over the next 5 to 10 years. Additional space will be required in the City of Spruce Grove to address this over-utilization.

Based on the historic data, student enrolment in this Zone will see strong growth over the next 5 to 10 years. In the lower grades enrolment will increase further after 2012/13. This in turn will feed the

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<sup>4</sup> FTE Enrolment excludes the following programs...Connections for Learning, Home Education, Bright Bank Institutional, Memorial Composite Outreach, Stony Creek Program and Spruce Composite Outreach.

middle grades with higher enrolments several years later. High schools will start to see increases towards the end of the 10 year review period.

### **Stony Plain Zone**

#### **Historic Enrolment**

With an FTE student enrolment of 3,823 Stony Plain zone has decreased by 110.5 FTE students since 2005 (-2.9%). Code 40 students have decreased by 3 students in this period, also decreasing the adjusted enrolment. The zone currently operates at a utilization rate of 86.6% with schools operating between 75.3% and 93.3%. Schools within the city limits operate between 80.5% and 93.3%.

During this time the kindergarten enrolment has decreased by 31 students; grade 1 by 5 students, total K-6 by 28 students, 7-9 by 44 students and grades 10-12 by 38 students.

#### **Projected Enrolment**

With residential development in Stony Plain increasing in the later part of 2009 and expected to continue through 2010, the utilization in the zone is expected to increase into the mid 80 percentile range over the next 5 to 10 years. With the opening of the new Memorial Composite High School in 2010, there is sufficient space for the grade 10 to 12 population. However, some of the schools between K-9 will be over-utilized in the next five years. Based on the historic data, student enrolment in this Zone will see no growth over the next 5 to 10 years. Even with K-6 enrolment increasing over the next five years (mid 200's per grade) enrolment at the middle and high school levels will drop, as grade enrolments are significantly lower than these numbers.

### **West Parkland Zone**

#### **Historic Enrolment**

With an FTE student enrolment of 856, West Parkland zone has decreased by 70.5 FTE students since 2005 (-6.5%). Code 40 students have decreased by 7 students in this period, also decreasing the adjusted enrolment. The zone currently operates at a utilization rate of 52.5% with schools operating between 39.0% and 88.6%.

During this time the kindergarten enrolment has decreased by 5 students; grade 1 by 13 students, K-6 by 72 students and 7-9 has increased by 2 students.

#### **Projected Enrolment**

With residential development in this zone significantly down, the utilization is expected to remain constant in the high 50 percentile range over the next 10 years. Consideration should be given to removing portable classrooms (where possible) from under-utilized schools to increase the school and zone utilization rates.

Based on the historic data, student enrolment in this zone should remain constant over the next 5 to 10 years.

## Current School Enrolment and Utilization<sup>5</sup>

School	Zone	Capacity 2009	Utilization 2009	5-yr FTE Enrolment Increase/ Decrease	5-yr Utilization Increase/ Decrease
Brookwood	Spruce Grove	517	87.3%	+80.5	+13.1%
École Broxton Park	Spruce Grove	1,003	86.3%	+80	+12.5%
Greystone	Spruce Grove	686	77.8%	-10	+1.2% <sup>6</sup>
Millgrove	Spruce Grove	416	105.4%	119.5	30.9% <sup>7</sup>
Spruce Grove Comp.	Spruce Grove	1,260	87.5%	21	2.1%
Woodhaven Middle	Spruce Grove	638	89.5%	-50	-3.4%
Graminia	Spruce Grove	811	64.2%	-74.5	-16.8%
Parkland Village	Spruce Grove	193	54.4%	-1.5	+8.5%
	<b>Zone Totals</b>	<b>5,524</b>	<b>83.1%</b>	<b>+165</b>	<b>+3.5%</b>

School	Zone	Capacity 2009	Utilization 2009	5-yr FTE Enrolment Increase/ Decrease	5-yr Utilization Increase/ Decrease
Forest Green	Stony Plain	308	84.0%	+1.5	+2.4%
High Park	Stony Plain	478	86.0%	+31.5	+5.3%
Memorial High	Stony Plain	1,245	93.3%	-38	-2.2%
École Meridian Heights	Stony Plain	804	80.5%	-86	-11.2%
Stony Plain Central	Stony Plain	596	82.9%	-37	-8.2%
Muir Lake	Stony Plain	527	100.0%	+14.5	-3.2%
Blueberry	Stony Plain	673	75.3%	+3.0	+1.9%
	<b>Zone Totals</b>	<b>4,631</b>	<b>86.5%</b>	<b>-110.5</b>	<b>-2.9%</b>

<sup>5</sup> See Appendix "B"

<sup>6</sup> Enrolment decreases and utilization increases because of an increase in code 40 students.

<sup>7</sup> Kindergarten enrolment increased dramatically in 2008.

School	Zone	Capacity 2009	Utilization 2009	5-yr FTE Enrolment Increase/ Decrease	5-yr Utilization Increase/ Decrease
Seba Beach	West Parkland	378	39.0%	-14.0	-4.8%
Tomahawk	West Parkland	200	61.4%	-27.0	-12.5%
Wabamun	West Parkland	165	63.2%	+11	+7.9%
Keephills	West Parkland	193	33.5%	-30.0	-17.7%
Duffield	West Parkland	349	88.6%	-6.5	-3.0%
Entwistle	West Parkland	244	63.1%	+7	+1.2%
	<b>Zone Totals</b>	<b>1,529</b>	<b>52.5%</b>	<b>-70.5</b>	<b>-6.5 %</b>

	<b>Division Totals</b>	<b>11,684</b>	<b>79.9%</b>	<b>-194.5</b>	<b>-0.9%<sup>8</sup></b>
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<sup>8</sup> Due to a 55 student increase in Code 40 students over 5 years.

## Options

### **Status Quo**

Status Quo is used as a baseline to determine the needs within attendance zones. No space has been added or removed from schools and no changes have been made to attendance areas or grade configurations. See Enrolment Projections – Appendix A

### **Option 1 – Long-Term...*Facility Needs***

#### **Spruce Grove Zone**

Priority 1 - Add one 500 capacity Early Years School

Priority 2 - Add one 500 capacity Middle Years School

Priority 3 – Remove four modular classrooms from Graminia School and relocate two modular classrooms to Parkland Village School

#### **Stony Plain Zone**

Priority 4 - Remove two modular classrooms from Blueberry School

#### **West Parkland Zone**

No additional area necessary

No deletion of area possible

### **Option 1 – Short-term...*Utilization Adjustments***

#### **Spruce Grove Zone**

Millgrove and Parkland Village – Adjust attendance boundaries to balance enrolments

#### **Stony Plain Zone**

Continue to monitor school utilizations. (Most schools are over 80% utilization)

#### **West Parkland Zone**

No changes required

## Conclusions

Stony Plain and Spruce Grove have seen a strong population growth over the past five years while Parkland County has seen a moderate growth. (See Appendix G)

Although housing activity has been down substantially across the Division, it is expected to partially rebound in 2010. Also having an impact on development and enrolments in the mid to long term (5-10 years) will be the impact of the 2009 Capital Region Growth Plan. See summary in "Demographic Overview".

Population in the three zones are 14,500 (Stony Plain - Estimated), 23,326 (Spruce Grove) and 30,089 (Parkland County). Population growth, however has not translated into comparable student enrolment growths. Since 2005 the Stony Plain zone has seen an enrolment decrease of 11- students (-3%) while the Spruce Grove zone has seen a net increase of 165 students (+4%) and Parkland County a net decrease of 70 students (-8%).

Migration has and will continue to be a major factor in enrolment growth/decline in the School Division. With a stronger economy predicted, an ample supply of affordable housing and a high level of live births starting to impact lower grade enrolments in 2012, it is anticipated that all three zones will see enrolment growth over the next five to ten years.

Utilizations of schools in the Spruce Grove zone are high and will continue to increase. Based on this, Spruce Grove capital needs will be the highest in the Division, with the most immediate need at the Early Years level, followed immediately by growth in the Grade 5-9 level. This growth, moving through the system will have an impact at the High School level towards the end of the ten year projections. Within this review period it is not anticipated that a new High School will be required in Spruce Grove. Also, changing the current High School grade configuration from 10-12 to 9-12 was considered to alleviate utilization pressures at the lower levels. This partially relieved pressure at the Middle Years Schools but provided no relief at the Early Years Schools. For these reasons and the substantial increase in cost between a Middle School and High School, the option was not considered to be viable.

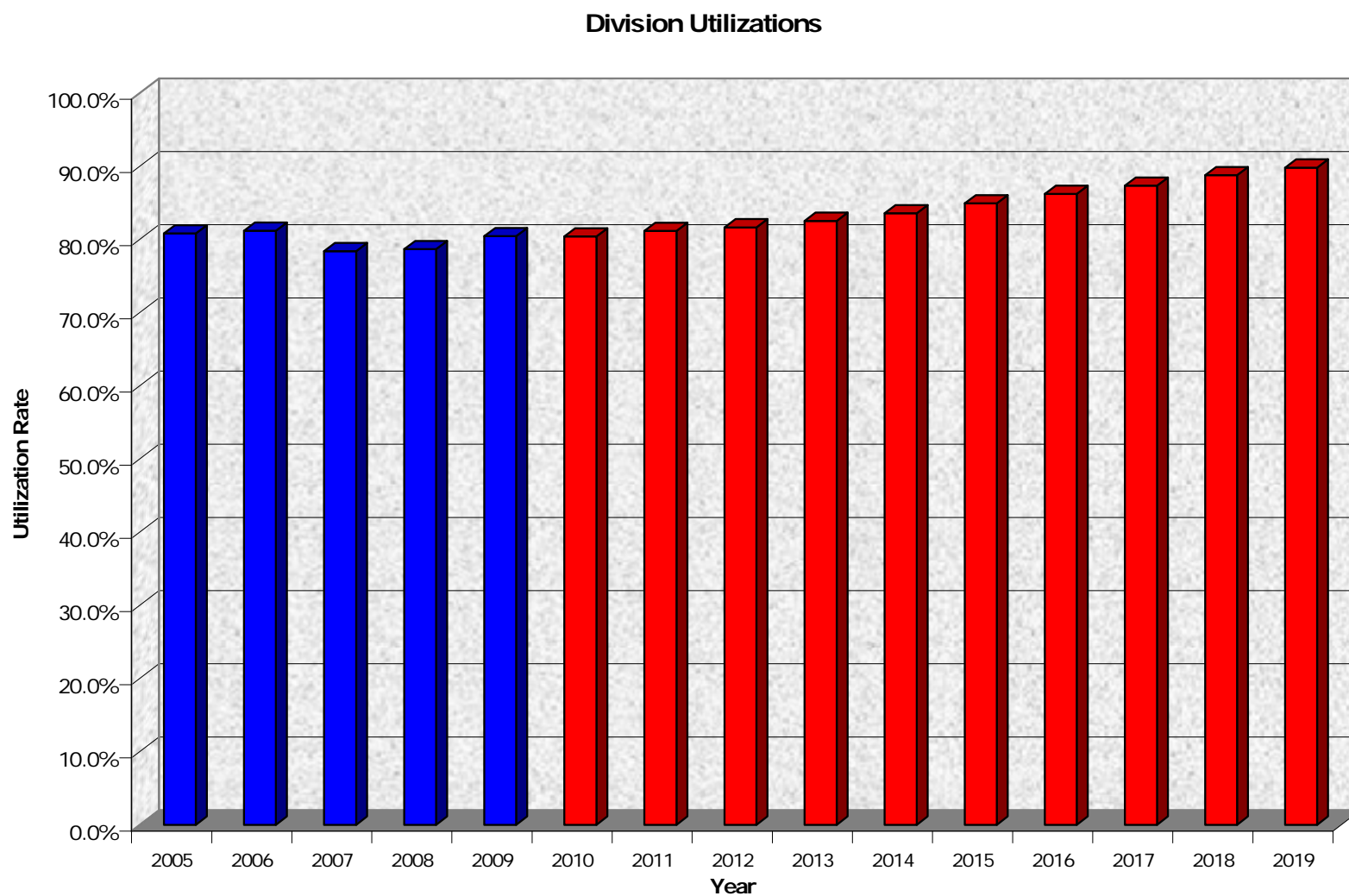
Utilizations of schools in the Stony Plain zone are also high but will not increase based on larger enrolments in higher grades leaving as opposed to lower grades entering the system.

Utilizations of schools in the West Parkland zone are low and will remain at low levels for the foreseeable future.

## Appendix A: Status Quo

Division Enrolments															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	648	689	669	718	724	741	727	772	810	800	796	806	802	799	802
K (fte)	329.5	350.0	340.0	364.5	367.5	376.0	369.0	391.5	410.5	405.5	403.5	408.5	406.5	405.0	406.5
1	665	612	643	623	695	680	693	678	723	760	749	745	755	751	748
2	586	677	608	636	635	713	695	708	694	739	777	766	761	772	768
3	643	618	672	632	670	652	730	714	727	712	759	798	786	781	793
4	683	663	649	684	657	684	666	746	729	742	727	775	815	803	798
5	703	716	646	664	709	679	708	687	767	751	764	748	798	840	827
6	702	739	704	673	697	730	698	730	707	788	772	786	769	821	864
Total K - 6 (FTE)	4312	4375	4262	4277	4431	4513	4560	4655	4757	4897	4952	5026	5092	5173	5204
7	706	728	743	724	703	708	743	704	745	718	807	787	802	783	837
8	799	718	732	757	733	708	718	754	713	758	726	820	802	815	797
9	798	817	707	742	749	739	711	725	762	719	767	731	831	814	826
Total 7 - 9	2303	2263	2182	2223	2185	2155	2171	2183	2220	2196	2300	2338	2435	2412	2460
10	717	753	759	696	722	701	700	669	675	703	674	714	676	782	760
11	730	707	713	706	681	729	708	706	675	682	711	682	722	683	793
12	726	723	728	730	753	691	740	719	717	685	683	723	693	733	694
Total 10 - 12	2173	2183	2200	2132	2156	2121	2147	2094	2067	2070	2068	2118	2090	2199	2247
Total K - 12 (FTE)	8787.5	8821.0	8644.0	8631.5	8771.5	8789	8878	8931	9044	9163	9320	9482	9617	9784	9911
#of Special Ed (Severe)	325	348	340	364	363	372	373	376	372	374	373	374	373	374	373
Regular FTE Enrolment	8446.0	8385.0	8216.0	8180.5	8322.5	8417	8505	8555	8672	8789	8957	9108	9244	9410	9538
Student Allowance Factor	965	1034	936	1014	1079	1179	1182	1191	1179	1185	1182	1185	1182	1185	1182
Adjusted Enrolment	9334.5	9414.0	9147.0	9189.5	9396.5	9596	9687	9746	9851	9974	10139	10293	10426	10595	10720
"Utilization Rate"	80.8%	81.2%	78.4%	78.7%	80.4%	80.4%	81.1%	81.6%	82.5%	83.5%	84.9%	86.2%	87.3%	88.8%	89.8%
Net Capacity	11551	11599	11670	11683	11683	11938	11938	11938	11938	11938	11938	11938	11938	11938	11938
85%Capacity	9818	9859	9920	9930	9790	10012	10012	10012	10012	10012	10012	10012	10012	10012	10012
%Change		0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spaces available	514	610	935	862	675	534	457	377	269	146	-19	-173	-306	-475	-600

## Appendix A: Utilizations

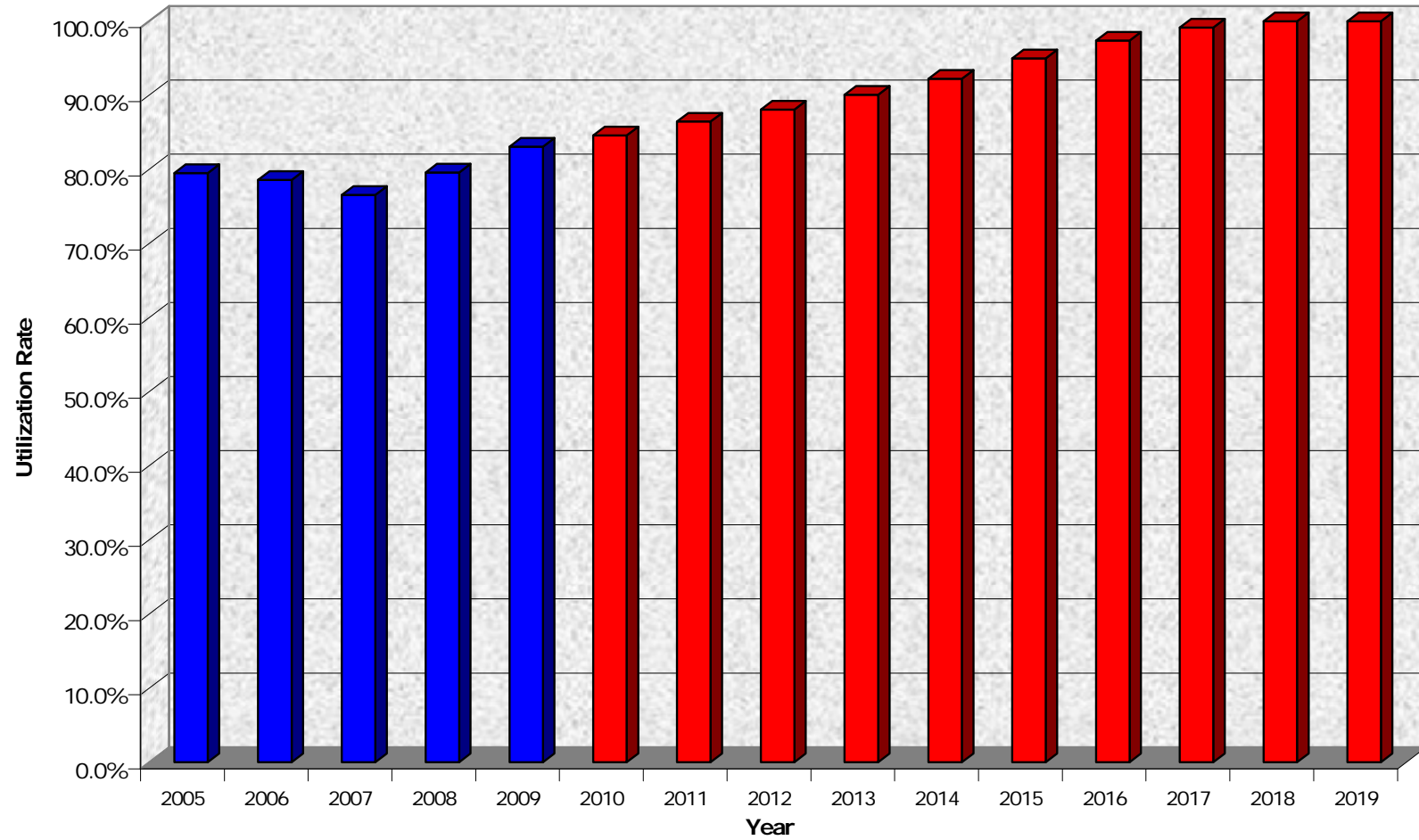


## Appendix B: Zone Enrolments

Spruce Grove Zone															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	315	360	342	425	427	423	418	437	453	450	449	452	450	449	449
K (fte)	157.5	180.0	171.0	212.5	213.5	211.5	209.0	218.5	226.5	225.0	224.5	226.0	225.0	224.5	224.5
1	309	263	294	281	357	354	352	348	365	379	375	374	377	375	373
2	233	315	262	295	281	366	363	361	356	374	389	385	383	387	384
3	276	249	308	280	309	288	375	372	370	366	384	399	395	393	397
4	280	274	269	312	293	313	293	382	379	377	372	390	406	402	400
5	305	300	261	277	323	306	328	304	395	391	389	384	403	419	415
6	295	317	292	278	299	334	315	339	314	407	403	401	396	416	432
Total K - 6 (FTE)	1856	1898	1857	1936	2076	2173	2236	2325	2405	2518	2536	2559	2585	2616	2626
7	312	307	313	311	295	310	345	326	351	324	419	416	414	408	429
8	359	317	311	335	327	305	321	357	336	364	335	432	429	427	421
9	371	377	321	327	344	338	315	332	369	347	377	346	446	443	441
Total 7 - 9	1042	1001	945	973	966	952	980	1015	1057	1035	1131	1194	1288	1278	1291
10	343	351	346	338	350	347	342	317	335	372	351	380	349	449	445
11	352	314	335	312	341	361	357	352	326	345	384	361	392	359	462
12	335	334	333	354	360	351	371	368	363	336	355	395	372	403	370
Total 10 - 12	1030	999	1014	1004	1051	1059	1071	1037	1024	1053	1089	1136	1113	1212	1278
Total K - 12 (FTE)	3927.5	3898.0	3816.0	3912.5	4092.5	4184	4287	4377	4486	4607	4757	4890	4986	5106	5195
#of Special Ed (Severe)	194	202	206	237	242	244	244	244	244	244	244	244	244	244	244
Regular FTE Enrolment	3734	3696	3610	3684	3862	3940	4043	4133	4242	4363	4513	4646	4742	4862	4951
Student Allowance Factor	582	606	618	711	726	732	732	732	732	732	732	732	732	732	732
Adjusted Enrolment	4316	4302	4228	4395	4588	4672	4775	4865	4974	5095	5245	5378	5474	5594	5683
"Utilization Rate"	79.5%	78.6%	76.6%	79.6%	83.1%	84.6%	86.5%	88.1%	90.1%	92.2%	95.0%	97.4%	99.1%	101.3%	102.9%
Net Capacity	5427	5475	5523	5523	5523	5523	5523	5523	5523	5523	5523	5523	5523	5523	5523
85%Capacity	4613	4654	4695	4695	4695	4695	4695	4695	4695	4695	4695	4695	4695	4695	4695
%Change		-0.8%	-2.1%	2.5%	4.4%	2.2%	2.4%	2.1%	2.4%	2.6%	3.2%	2.7%	1.9%	2.3%	1.7%
Spaces available	298	352	467	300	107	23	-80	-170	-279	-400	-551	-683	-780	-899	-989

## Appendix B: Zone Utilizations

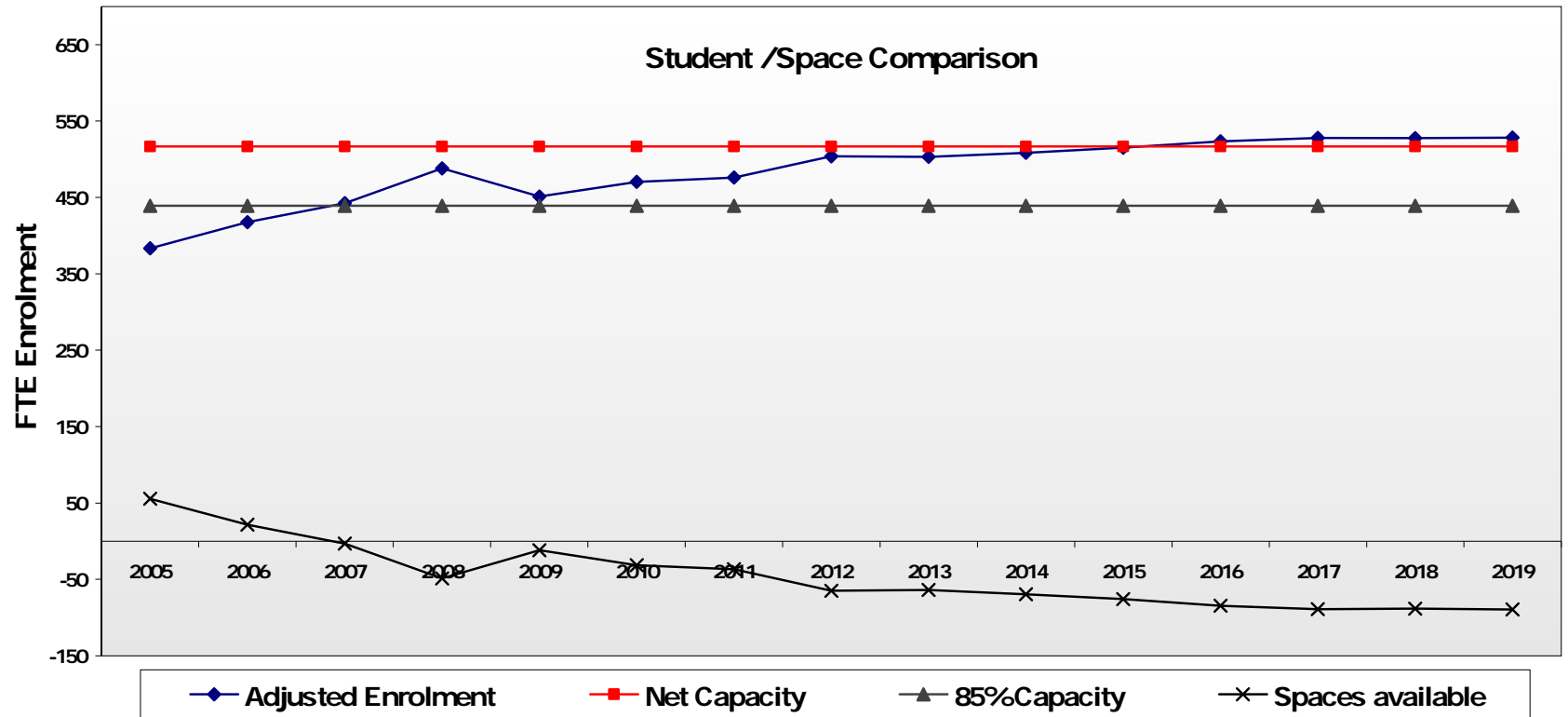
### Spruce Grove Zone



## Appendix B: Status Quo

Brookwood															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	95	93	89	126	106	105	104	108	112	111	112	113	112	111	113
K (fte)	47.5	46.5	44.5	63.0	53.0	52.5	52.0	54.0	56.0	55.5	56.0	56.5	56.0	55.5	56.5
1	85	96	95	95	111	106	105	104	108	112	111	112	113	112	111
2	66	96	99	97	78	111	106	105	104	108	112	111	112	113	112
3	83	70	95	96	99	78	111	106	105	104	108	112	111	112	113
4	78	83	79	101	99	99	78	111	106	105	104	108	112	111	112
5															
6															
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)	359.5	391.5	412.5	452.0	440.0	447	452	480	479	485	491	500	504	504	505
#of Special Ed (Severe)	12	13	15	16	8	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	348	379	398	440	427	435	440	468	467	473	479	488	492	492	493
Student Allowance Factor	36	39	45	48	24	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	384	418	443	488	451	471	476	504	503	509	515	524	528	528	529
"Utilization Rate"	74.2%	80.8%	85.6%	94.5%	87.3%	91.1%	92.1%	97.6%	97.4%	98.4%	99.7%	101.3%	102.2%	102.1%	102.3%
Net Capacity	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
85%Capacity	439	439	439	439	439	439	439	439	439	439	439	439	439	439	439
%Change		9%	6%	10%	-8%	4%	1%	6%	0%	1%	1%	2%	1%	0%	0%
Spaces available	56	22	-3	-49	-12	-31	-37	-65	-64	-69	-76	-84	-89	-88	-89

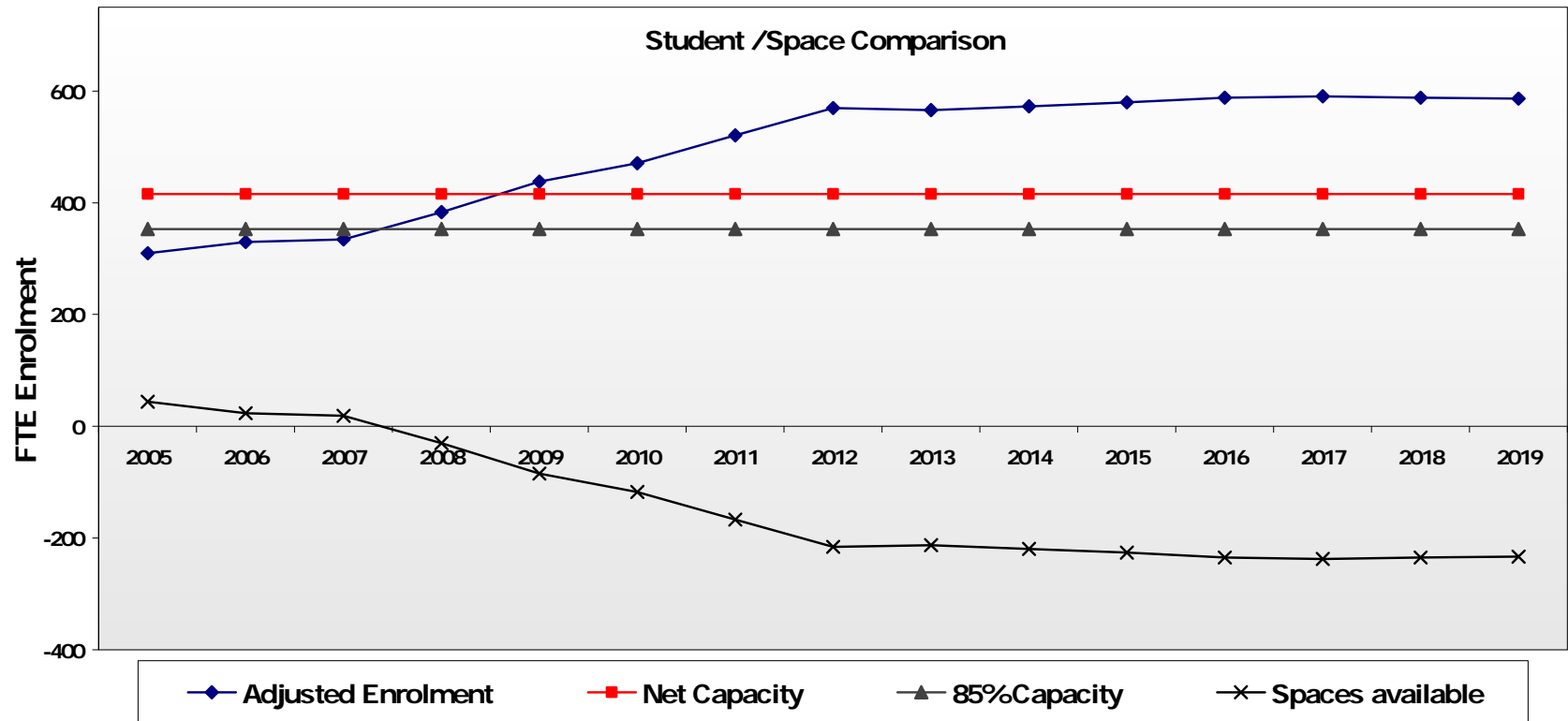
## Appendix B: Status Quo - Brookwood



## Appendix B: Status Quo

Millgrove															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	61	64	61	109	112	111	110	115	119	118	117	118	116	117	116
K (fte)	30.5	32.0	30.5	54.5	56.0	55.5	55.0	57.5	59.5	59.0	58.5	59.0	58.0	58.5	58.0
1	75	68	65	68	119	112	111	110	115	119	118	117	118	116	117
2	53	80	65	64	74	125	118	117	116	121	125	124	123	124	122
3	65	62	76	84	73	78	131	123	122	121	127	131	130	129	130
4	70	66	62	79	91	77	82	138	130	128	127	133	138	137	135
5															
6															
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)	294	308	299	350	413	447	496	545	542	549	556	564	567	564	562
#of Special Ed (Severe)	8	11	18	14	12	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	286	297	281	342	402	435	484	533	530	537	544	552	555	552	550
Student Allowance Factor	24	33	54	42	36	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	310	330	335	384	438	471	520	569	566	573	580	588	591	588	586
"Utilization Rate"	74.5%	79.4%	80.5%	92.3%	105.4%	113.3%	125.2%	137.0%	136.2%	137.8%	139.5%	141.6%	142.2%	141.5%	141.1%
Net Capacity	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416
85%Capacity	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353
%Change		7%	1%	15%	14%	7%	11%	9%	-1%	1%	1%	1%	0%	0%	0%
Spaces available	44	23	19	-30	-85	-118	-167	-216	-213	-219	-226	-235	-238	-235	-233

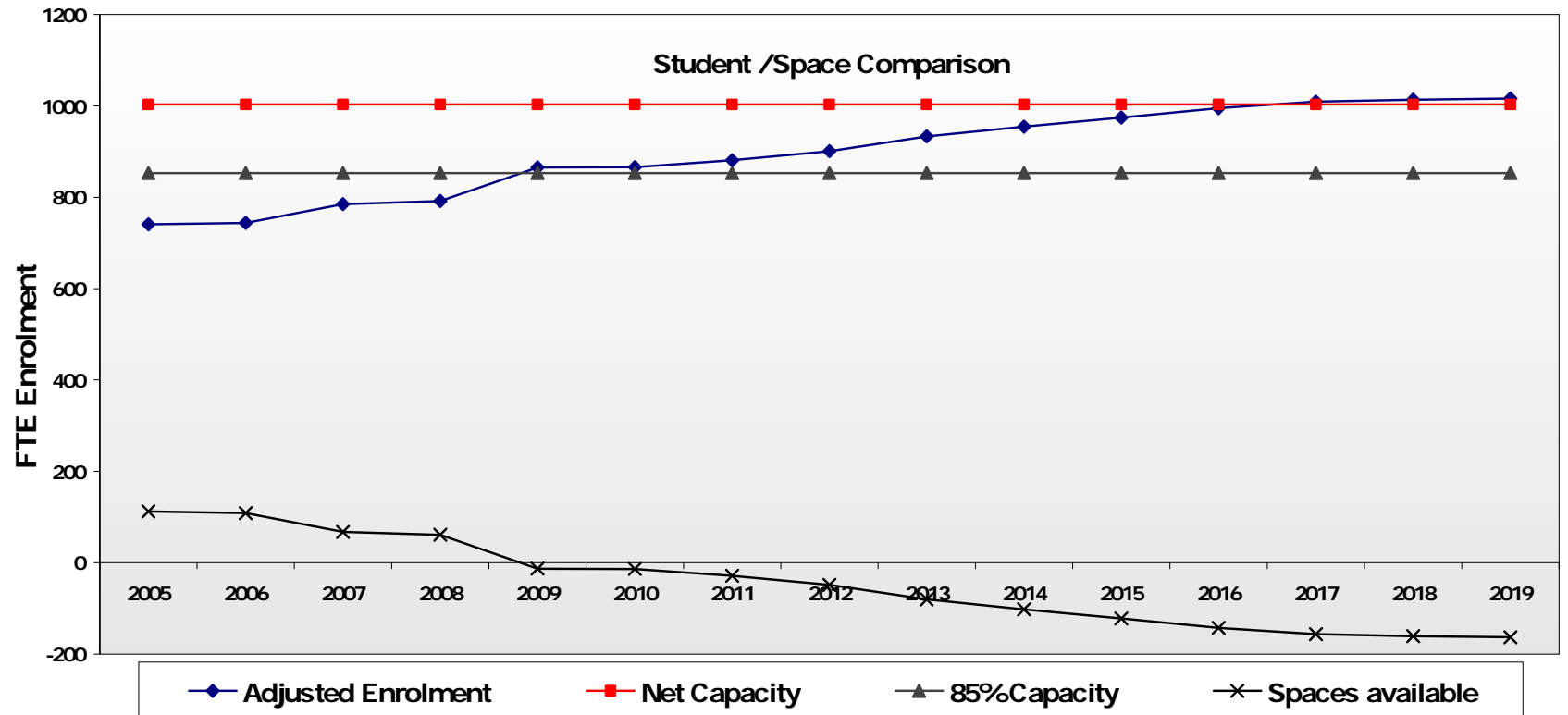
## Appendix B: Status Quo - Millgrove



## Appendix B: Status Quo

École Broxton Park															
	5 YEAR HISTORICAL ENROLMENTS					10YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	113	120	118	137	149	145	144	148	152	153	154	153	154	155	154
K (fte)	56.5	60.0	59.0	68.5	74.5	72.5	72.0	74.0	76.0	76.5	77.0	76.5	77.0	77.5	77.0
1	70	54	57	60	73	75	73	72	74	76	77	77	77	77	78
2	40	61	55	59	63	73	75	73	72	74	76	77	77	77	77
3	54	38	62	58	56	63	73	75	73	72	74	76	77	77	77
4	59	53	49	58	57	56	63	73	75	73	72	74	76	77	77
5	54	60	57	45	55	57	56	63	73	75	73	72	74	76	77
6	43	56	64	53	44	55	57	56	63	73	75	73	72	74	76
7	48	45	60	59	54	44	55	57	56	63	73	75	73	72	74
8	49	39	51	56	57	54	44	55	57	56	63	73	75	73	72
9	29	40	45	43	49	57	54	44	55	57	56	63	73	75	73
10															
11															
12															
Total K - 12 (FTE)	502.5	506.0	559.0	559.5	582.5	606	621	641	673	695	715	735	749	754	756
# of Special Ed (Severe)	119	119	113	117	134	130	130	130	130	130	130	130	130	130	130
Regular FTE Enrolment	384	387	446	441	464	476	491	511	543	565	585	605	619	624	626
Student Allowance Factor	357	357	339	351	402	390	390	390	390	390	390	390	390	390	390
Adjusted Enrolment	741	744	785	792	866	866	881	901	933	955	975	995	1009	1014	1016
"Utilization Rate"	73.8%	74.2%	78.3%	78.9%	86.3%	86.3%	87.8%	89.8%	93.0%	95.2%	97.2%	99.2%	100.6%	101.0%	101.3%
Net Capacity	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003
85%Capacity	853	853	853	853	853	853	853	853	853	853	853	853	853	853	853
%Change		0%	6%	1%	9%	0%	2%	2%	4%	2%	2%	2%	1%	0%	0%
Spaces available	112	109	68	61	-13	-13	-28	-48	-80	-102	-122	-142	-156	-161	-163

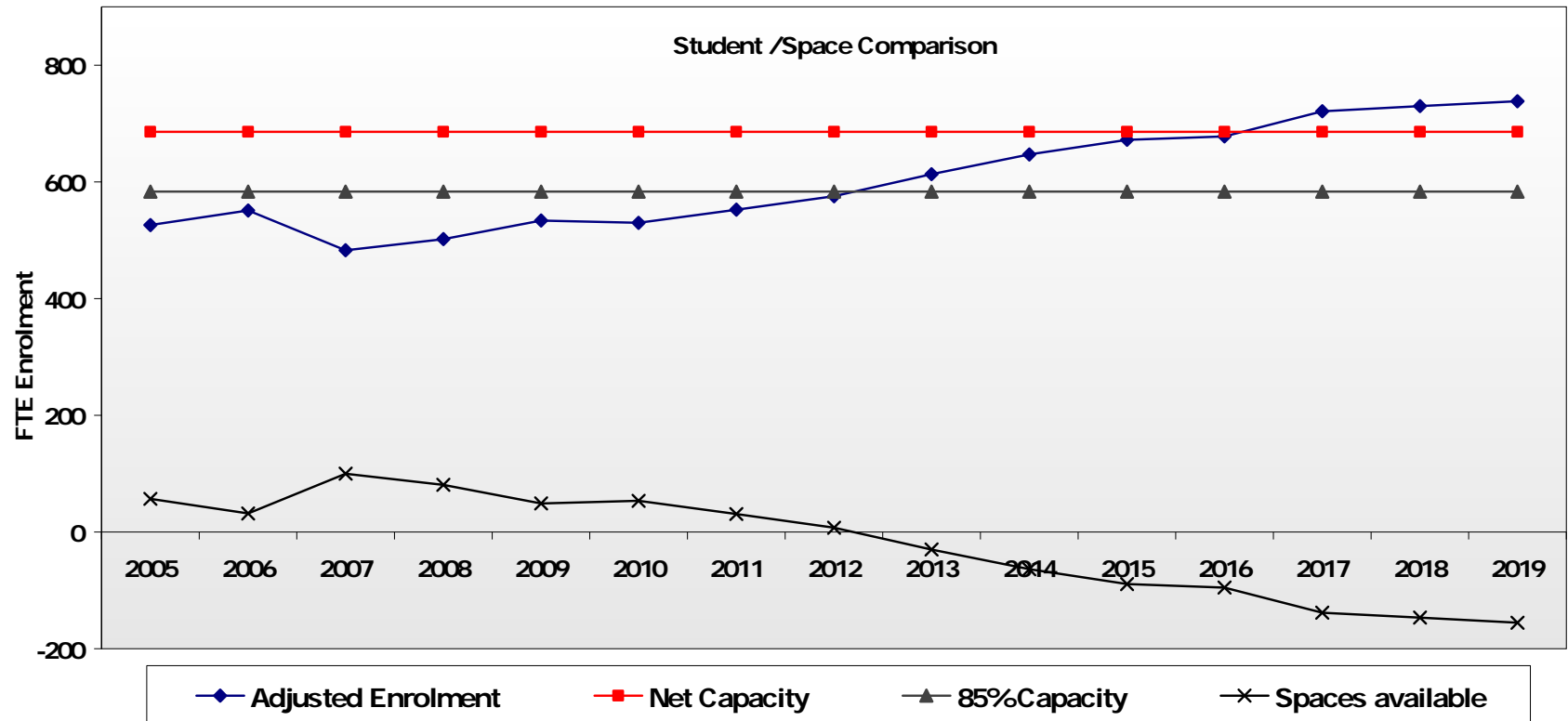
## Appendix B: Status Quo – École Broxton Park



## Appendix B: Status Quo

Greystone Centennial Middle															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5	109	92	59	80	94	102	117	92	126	124	125	123	128	134	132
6	103	115	89	70	95	99	107	122	97	132	131	131	129	135	141
7	98	107	107	98	82	100	104	112	128	102	139	137	137	135	142
8	97	105	105	116	108	86	105	109	118	135	107	145	144	144	142
9	103	116	107	110	121	113	90	110	114	124	142	112	153	151	151
10															
11															
12															
Total K - 12 (FTE)	510.0	535.0	467.0	474.0	500.0	500	522	546	583	617	642	648	691	700	708
#of Special Ed (Severe)	8	8	8	14	17	15	15	15	15	15	15	15	15	15	15
Regular FTE Enrolment	502.0	527.0	459.0	460.0	483.0	485	507	531	568	602	627	633	676	685	693
Student Allowance Factor	24	24	24	42	51	45	45	45	45	45	45	45	45	45	45
Adjusted Enrolment	526.0	551.0	483.0	502.0	534.0	530	552	576	613	647	672	678	721	730	738
"Utilization Rate"	76.7%	80.3%	70.4%	73.2%	77.8%	77.2%	80.5%	83.9%	89.4%	94.3%	98.0%	98.9%	105.1%	106.4%	107.6%
Net Capacity	686	686	686	686	686	686	686	686	686	686	686	686	686	686	686
85%Capacity	583	583	583	583	583	583	583	583	583	583	583	583	583	583	583
%Change		5%	-12%	4%	6%	-1%	4%	4%	7%	5%	4%	1%	6%	1%	1%
Spaces available	57	32	100	81	49	53	31	7	-30	-64	-89	-95	-138	-147	-155

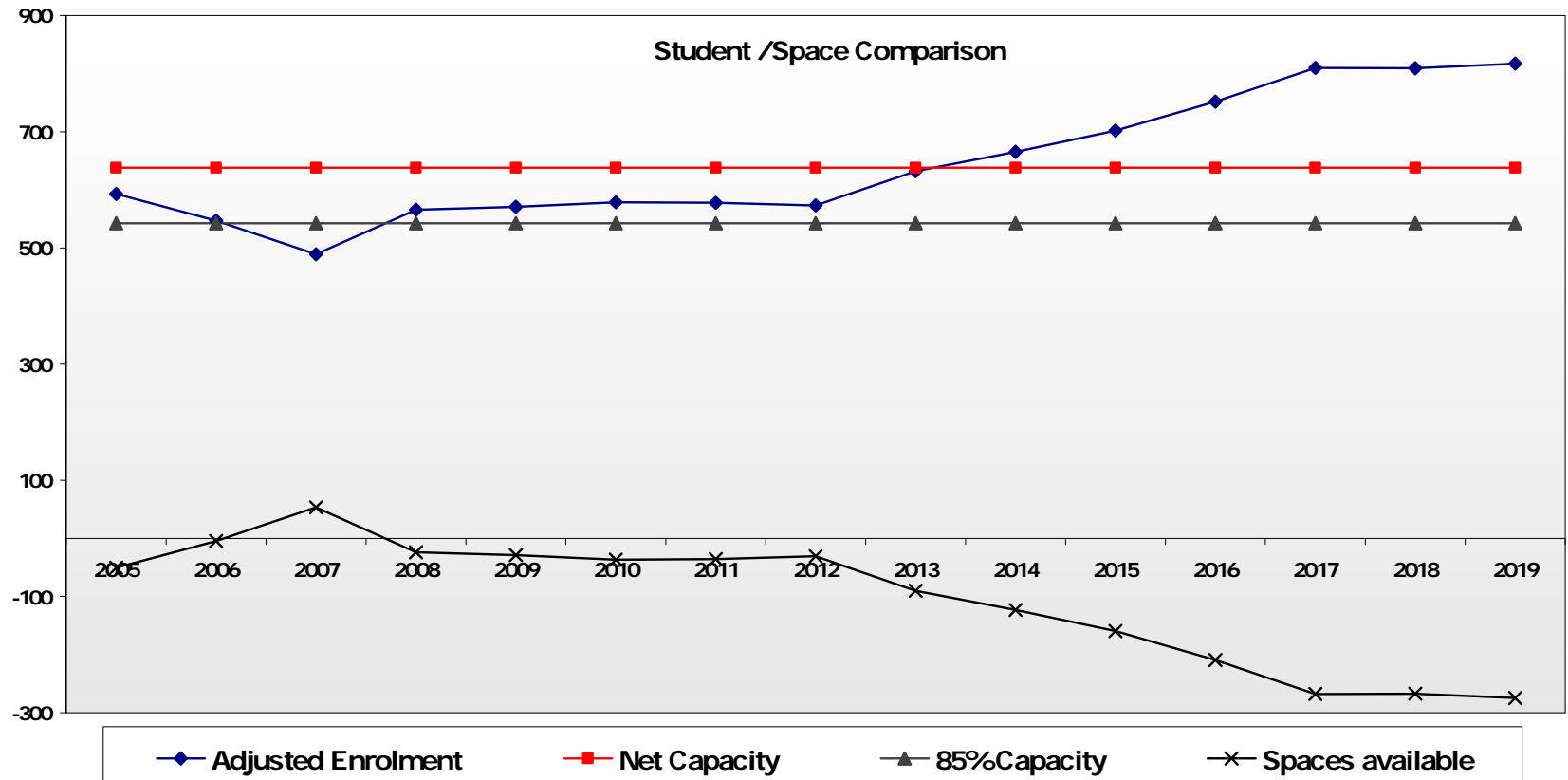
## Appendix B: Status Quo – Greystone Centennial Middle



## Appendix B: Status Quo

Woodhaven Middle															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5	79	89	92	93	110	107	94	93	152	143	142	141	147	152	151
6	86	83	84	101	95	112	109	96	95	155	146	145	143	150	155
7	103	95	82	97	102	97	114	111	98	97	158	149	148	146	153
8	137	112	97	100	101	104	99	117	113	99	99	161	152	151	149
9	164	144	110	113	111	103	106	101	119	115	101	101	164	155	154
10															
11															
12															
Total K - 12 (FTE)	569	523	465	504	519	523	522	517	576	610	646	696	754	754	761
#of Special Ed (Severe)	12	12	12	31	26	28	28	28	28	28	28	28	28	28	28
Regular FTE Enrolment	557	511	453	473	493	495	494	489	548	582	618	668	726	726	733
Student Allowance Factor	36	36	36	93	78	84	84	84	84	84	84	84	84	84	84
Adjusted Enrolment	593	547	489	566	571	579	578	573	632	666	702	752	810	810	817
"Utilization Rate"	92.9%	85.7%	76.6%	88.7%	89.5%	90.7%	90.6%	89.8%	99.1%	104.3%	110.0%	117.8%	127.0%	126.9%	128.1%
Net Capacity	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638
85%Capacity	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542
%Change		-8%	-11%	16%	1%	1%	0%	-1%	10%	5%	5%	7%	8%	0%	1%
Spaces available	-51	-5	53	-24	-29	-36	-36	-31	-90	-123	-160	-210	-268	-267	-275

## Appendix B: Status Quo – Woodhaven Middle

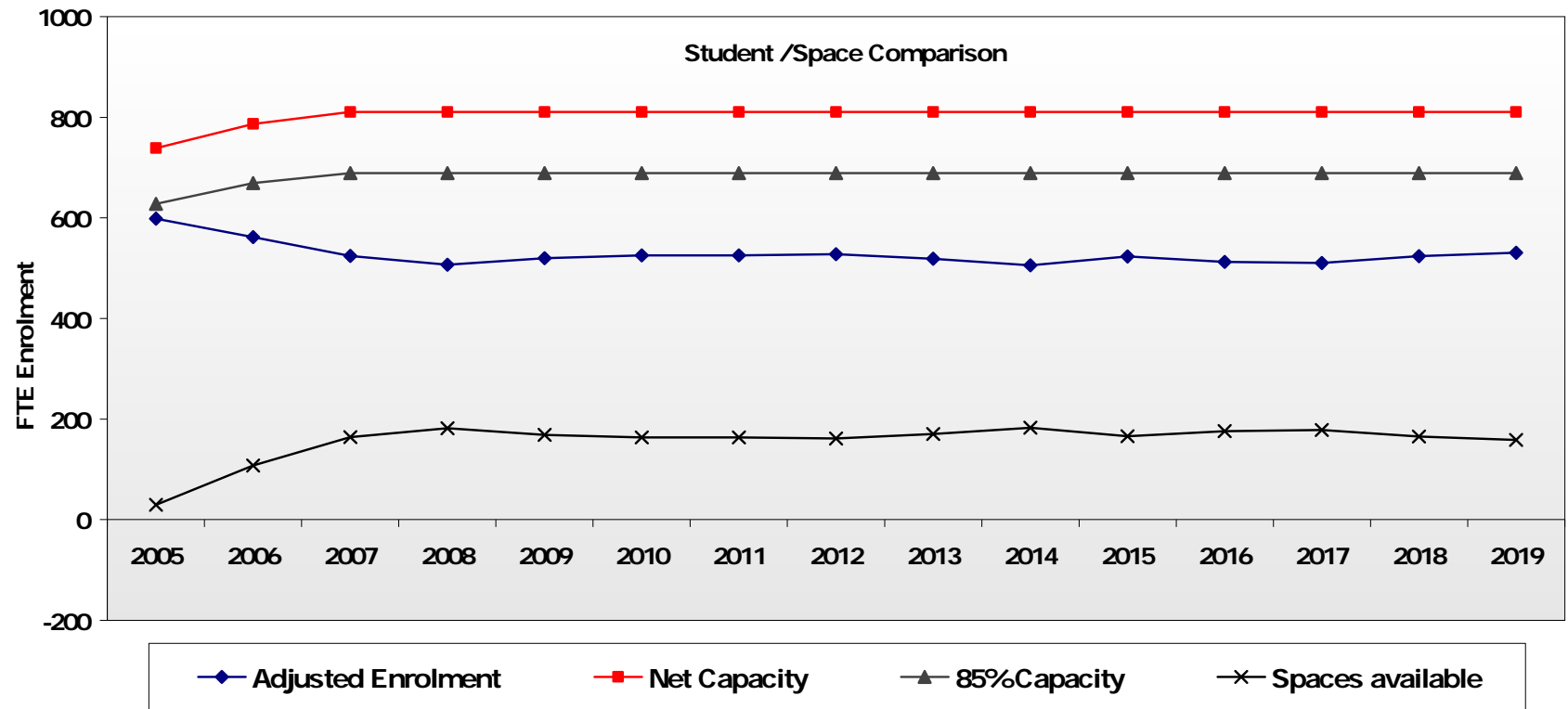


## Appendix B: Status Quo

Graminia															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	27	49	39	34	38	39	38	42	44	43	42	43	44	43	42
K (fte)	13.5	24.5	19.5	17.0	19.0	19.5	19.0	21.0	22.0	21.5	21.0	21.5	22.0	21.5	21.0
1	56	29	50	41	35	39	40	39	43	45	44	43	44	45	44
2	51	60	31	51	47	37	41	42	41	45	48	46	45	46	48
3	57	57	56	32	55	50	39	44	45	44	48	50	49	48	49
4	61	53	57	54	38	58	53	42	46	47	46	51	53	52	51
5	63	59	53	59	64	40	62	56	44	49	50	49	54	57	55
6	63	63	55	54	65	68	43	66	59	47	52	53	52	57	60
7	63	60	64	57	57	69	72	45	69	63	50	55	56	55	61
8	76	61	58	63	61	60	73	76	48	74	67	53	58	60	58
9	75	77	59	61	63	65	64	77	81	51	78	71	56	62	63
10															
11															
12															
Total K - 12 (FTE)	579	544	503	489	504	506	505	508	499	486	503	493	490	504	511
#of Special Ed (Severe)	10	9	11	9	8	10	10	10	10	10	10	10	10	10	10
Regular FTE Enrolment	568.5	534.5	491.5	480.0	496.0	496	495	498	489	476	493	483	480	494	501
Student Allowance Factor	30	27	33	27	24	30	30	30	30	30	30	30	30	30	30
Adjusted Enrolment	598.5	561.5	524.5	507.0	520.0	526	525	528	519	506	523	513	510	524	531
"Utilization Rate"	81.0%	71.3%	64.7%	62.6%	64.2%	64.8%	64.8%	65.1%	64.0%	62.4%	64.5%	63.3%	63.0%	64.6%	65.5%
Net Capacity	739	787	811	811	811	811	811	811	811	811	811	811	811	811	811
85%Capacity	628	669	689	689	689	689	689	689	689	689	689	689	689	689	689
%Change		-12%	-9%	-3%	3%	1%	0%	0%	-2%	-2%	3%	-2%	0%	3%	1%
Spaces available	30	107	164	182	169	163	163	161	170	183	166	176	178	165	158

Note: 2006 – Four modular classrooms added  
2007 – Two modular classrooms added

## Appendix B: Status Quo – Graminia

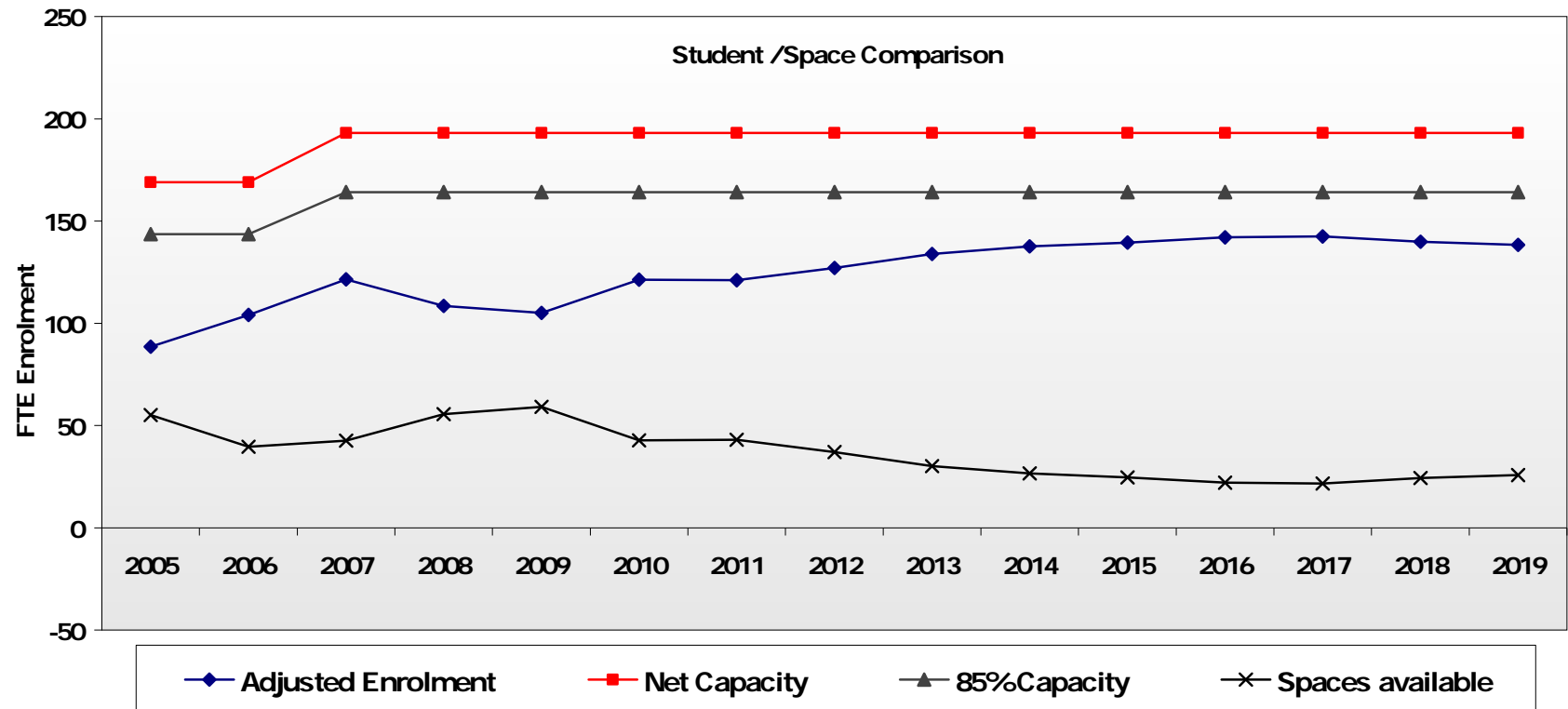


## Appendix B: Status Quo

Parkland Village															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	19	34	35	19	22	23	22	24	26	25	24	25	24	23	24
K (fte)	9.5	17.0	17.5	9.5	11.0	11.5	11.0	12.0	13.0	12.5	12.0	12.5	12.0	11.5	12.0
1	23	16	27	17	19	23	24	23	25	27	26	25	26	25	24
2	23	18	12	24	19	20	24	25	24	26	28	27	26	27	26
3	17	22	19	10	26	20	21	25	26	25	27	29	28	27	28
4	12	19	22	20	8	23	18	18	22	23	22	24	26	25	24
5															
6															
7															
8															
9															
10															
11															
12															
<b>Total K - 12 (FTE)</b>	<b>84.5</b>	<b>92.0</b>	<b>97.5</b>	<b>80.5</b>	<b>83.0</b>	<b>97</b>	<b>97</b>	<b>103</b>	<b>110</b>	<b>114</b>	<b>115</b>	<b>118</b>	<b>118</b>	<b>116</b>	<b>114</b>
#of Special Ed (Severe)	2	6	12	14	11	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	82.5	86.0	85.5	66.5	72.0	85	85	91	98	102	103	106	106	104	102
Student Allowance Factor	6	18	36	42	33	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	88.5	104.0	121.5	108.5	105.0	121	121	127	134	138	139	142	142	140	138
"Utilization Rate"	45.9%	53.9%	62.9%	56.2%	54.4%	62.8%	62.7%	65.8%	69.4%	71.3%	72.2%	73.6%	73.8%	72.4%	71.7%
Net Capacity	169	169	193	193	193	193	193	193	193	193	193	193	193	193	193
85%Capacity	144	144	164	164	164	164	164	164	164	164	164	164	164	164	164
%Change		K-4	17%	-11%	-3%	16%	0%	5%	5%	3%	1%	2%	0%	-2%	-1%
Spaces available	55	40	43	56	59	43	43	37	30	27	25	22	22	24	26

Note: 2007 – Two modular classrooms added.

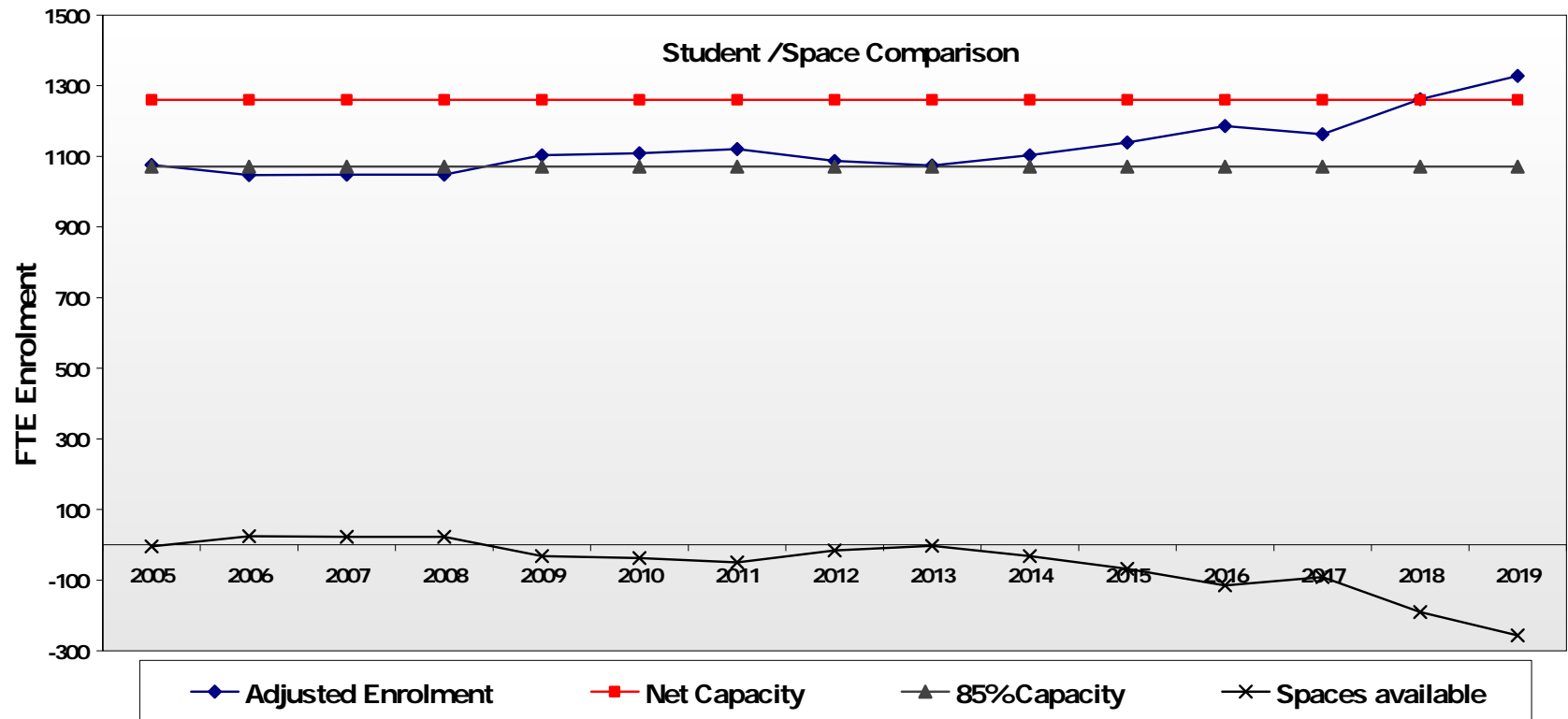
## Appendix B: Status Quo – Parkland Village



## Appendix B: Status Quo

Spruce Grove Composite High															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5															
6															
7															
8															
9															
10	343	351	346	338	350	347	342	317	335	372	351	380	349	449	445
11	352	314	335	312	341	361	357	352	326	345	384	361	392	359	462
12	335	334	333	354	360	351	371	368	363	336	355	395	372	403	370
Total K - 12 (FTE)	1030	999	1014	1004	1051	1059	1071	1037	1024	1053	1089	1136	1113	1212	1278
#of Special Ed (Severe)	23	24	17	22	26	25	25	25	25	25	25	25	25	25	25
Regular FTE Enrolment	1007	975	997	982	1025	1034	1046	1012	999	1028	1064	1111	1088	1187	1253
Student Allowance Factor	69	72	51	66	78	75	75	75	75	75	75	75	75	75	75
Adjusted Enrolment	1076	1047	1048	1048	1103	1109	1121	1087	1074	1103	1139	1186	1163	1262	1328
"Utilization Rate"	85.4%	83.1%	83.2%	83.2%	87.5%	88.0%	88.9%	86.3%	85.2%	87.6%	90.4%	94.1%	92.3%	100.1%	105.4%
Net Capacity	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260
85%Capacity	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
%Change		-3%	0%	0%	5%	1%	1%	-3%	-1%	3%	3%	4%	-2%	9%	5%
Spaces available	-5	24	23	23	-32	-38	-50	-16	-3	-32	-68	-115	-91	-190	-257

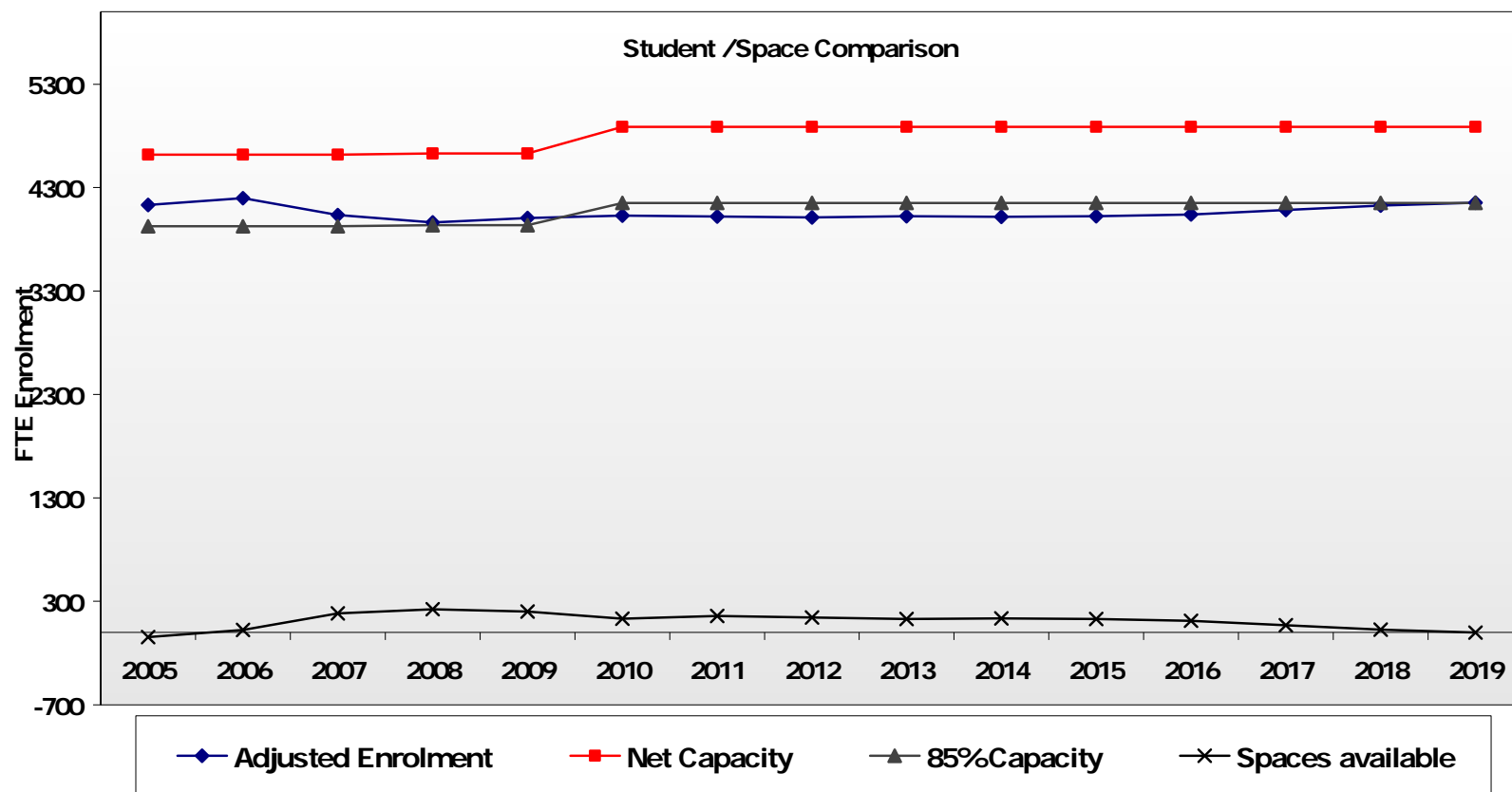
## Appendix B: Status Quo – Spruce Grove Composite High



## Appendix C: Zone Enrolments

Stony Plain Zone															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	255	245	235	229	224	239	233	254	269	265	263	268	267	269	268
K (fte)	127.5	122.5	117.5	114.5	112.0	120	117	127	135	133	132	134	134	135	134
1	271	263	258	256	266	250	260	254	277	293	289	287	292	291	294
2	254	280	258	258	258	272	256	266	260	283	300	295	294	299	298
3	266	258	279	266	277	264	278	262	273	266	290	307	302	301	306
4	300	280	265	291	278	284	270	284	269	279	272	297	315	310	308
5	285	316	275	284	295	284	291	276	291	276	286	279	304	323	317
6	304	303	311	279	293	303	291	298	283	298	283	294	286	312	331
Total K - 6 (FTE)	1808	1823	1764	1749	1779	1776	1763	1768	1786	1828	1852	1893	1926	1969	1987
7	298	321	312	319	297	302	312	300	308	292	308	293	303	295	322
8	344	303	324	312	324	299	306	315	303	312	294	311	298	308	300
9	341	348	301	330	318	325	298	306	316	303	314	295	313	301	309
Total 7 - 9	983	972	937	961	939	925	915	921	926	907	916	899	914	904	931
10	374	402	413	358	372	354	358	352	340	331	324	333	327	334	315
11	378	393	378	394	340	368	350	354	348	337	328	321	330	324	330
12	391	389	395	376	393	340	368	350	354	348	328	328	321	330	324
Total 10 - 12	1143	1184	1186	1128	1105	1062	1076	1056	1043	1016	979	982	978	987	969
Total K - 12 (FTE)	3933.5	3978.5	3886.5	3837.5	3823.0	3763	3754	3746	3756	3752	3747	3773	3818	3860	3887
#of Special Ed (Severe)	99	109	111	101	96	102	102	102	102	102	102	102	102	102	102
Regular FTE Enrolment	3835	3870	3776	3730	3718	3661	3652	3644	3654	3650	3654	3671	3716	3758	3785
Student Allowance Factor	297	327	259	235	288	369	369	369	369	369	369	369	369	369	369
Adjusted Enrolment	4132	4197	4035	3965	4006	4030	4021	4013	4023	4019	4023	4040	4085	4127	4154
"Utilization Rate"	89.5%	90.9%	87.4%	85.6%	86.5%	82.5%	82.3%	82.1%	82.3%	82.2%	82.3%	82.7%	83.6%	84.5%	85.0%
Net Capacity	4618	4618	4618	4631	4631	4886	4886	4886	4886	4886	4886	4886	4886	4886	4886
85%Capacity	3926	3926	3926	3936	3936	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153
%Change		1.1%	-2.4%	-1.3%	-0.4%	-1.6%	-0.2%	-0.2%	0.3%	-0.1%	-0.1%	0.7%	1.2%	1.1%	0.7%
Spaces available	-45	25	184	224	202	134	157	143	131	134	130	113	68	26	-1

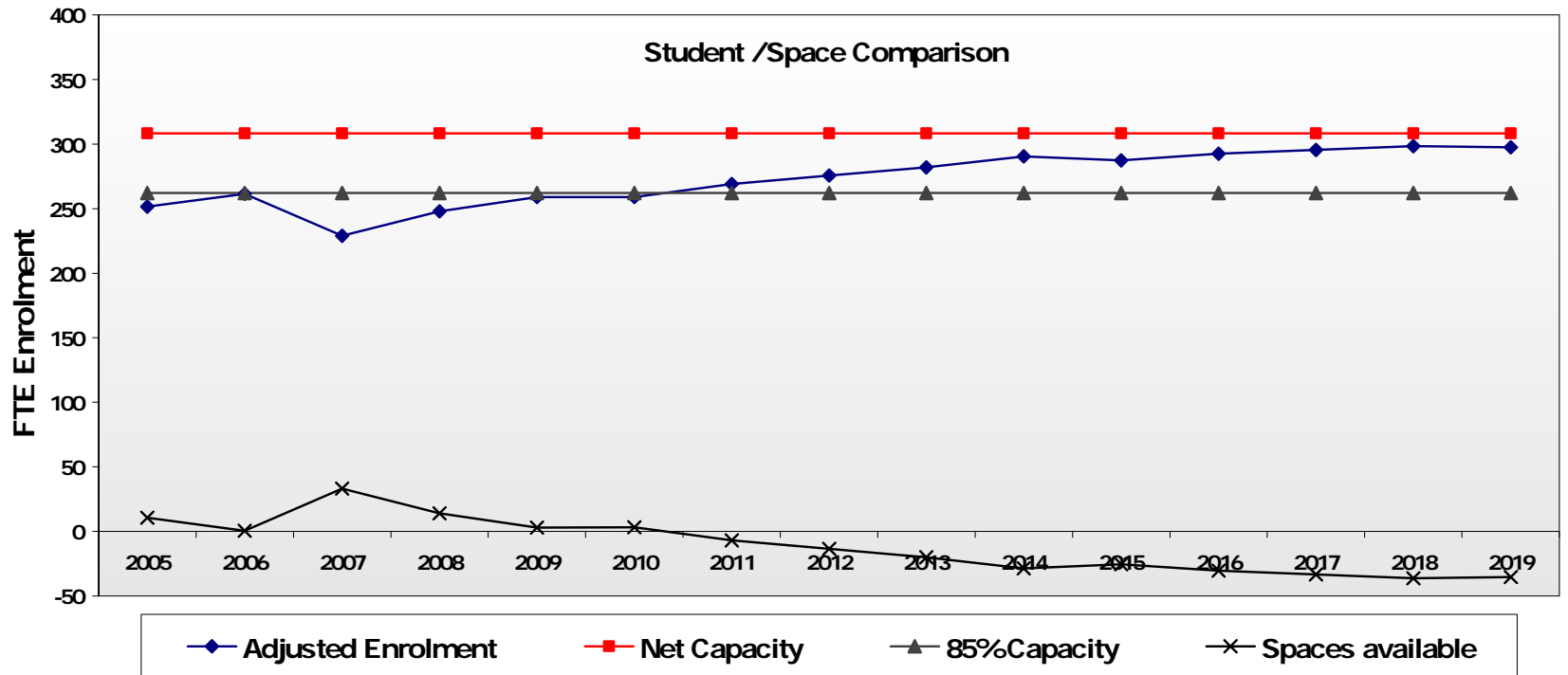
## Appendix C: Zone Enrolments



## Appendix C: Status Quo

Forest Green															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	23	27	22	38	32	34	33	36	38	37	36	37	36	35	35
K (fte)	11.5	13.5	11.0	19.0	16.0	17.0	16.5	18.0	19.0	18.5	18.0	18.5	18.0	17.5	17.5
1	33	23	26	31	41	34	36	35	38	40	39	38	39	38	37
2	34	41	29	32	32	42	34	36	35	39	41	40	39	40	39
3	32	36	34	32	34	33	43	35	37	36	39	42	40	39	40
4	35	36	33	33	32	35	33	44	36	38	37	40	42	41	40
5	41	38	34	35	28	33	35	34	44	36	39	38	41	43	42
6	33	42	28	28	38	29	33	36	35	45	37	39	38	42	44
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)	220	230	195	210	221	221	231	238	244	253	249	254	257	260	259
#of Special Ed (Severe)	16	16	17	19	19	19	19	19	19	19	19	19	19	19	19
Regular FTE Enrolment	204	214	178	191	202	202	212	219	225	234	230	235	238	241	240
Student Allowance Factor	48	48	51	57	57	57	57	57	57	57	57	57	57	57	57
Adjusted Enrolment	252	262	229	248	259	259	269	276	282	291	287	292	295	298	297
"Utilization Rate"	81.6%	84.8%	74.3%	80.4%	84.0%	84.0%	87.3%	89.4%	91.5%	94.2%	93.2%	94.9%	95.8%	96.8%	96.5%
Net Capacity	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
85%Capacity	262	262	262	262	262	262	262	262	262	262	262	262	262	262	262
%Change		4%	-12%	8%	4%	0%	4%	2%	2%	3%	-1%	2%	1%	1%	0%
Spaces available	11	1	33	14	3	3	-7	-14	-20	-28	-25	-30	-33	-36	-35

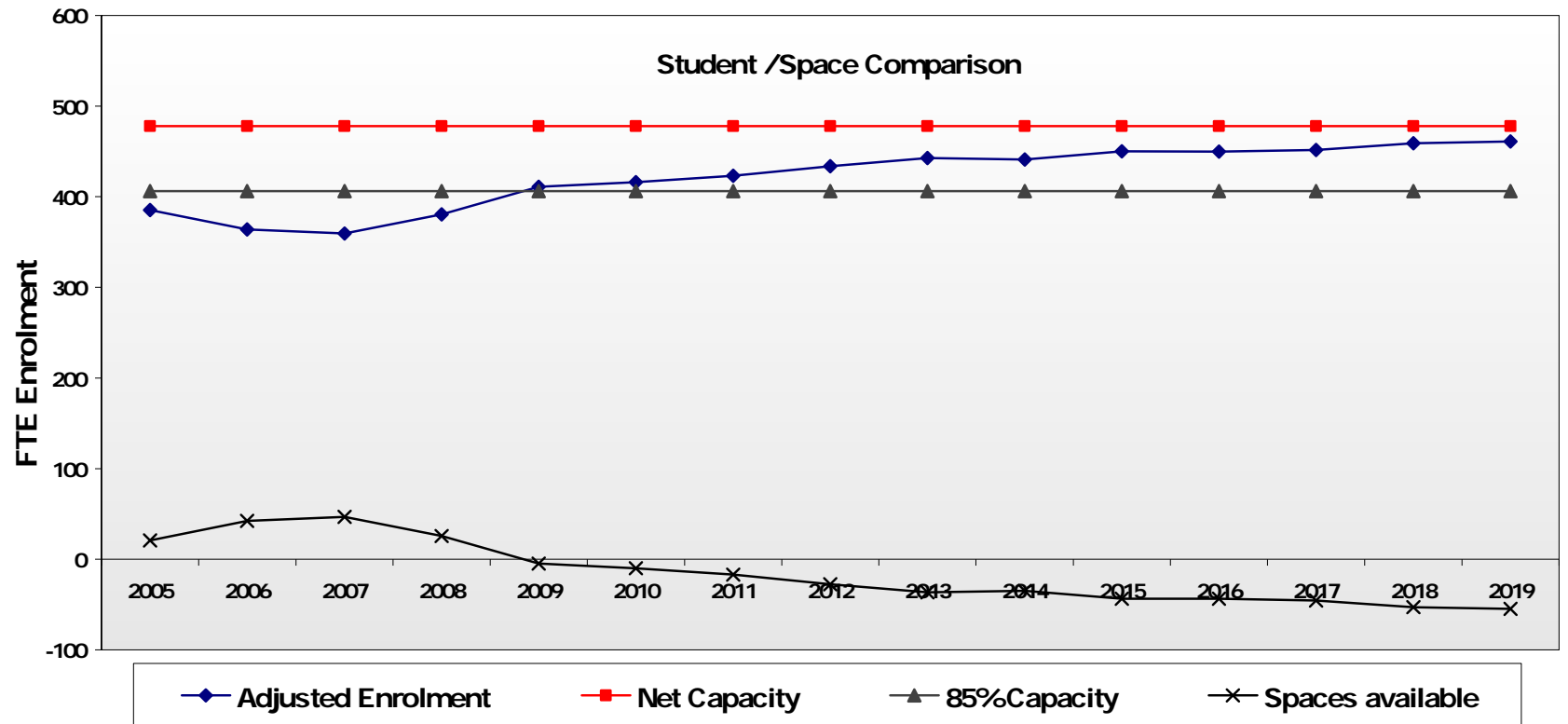
## Appendix C: Status Quo – Forest Green



## Appendix C: Status Quo

High Park															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	35	30	33	27	36	35	34	37	39	38	37	38	39	38	37
K (fte)	17.5	15.0	16.5	13.5	18.0	17.5	17.0	18.5	19.5	19.0	18.5	19.0	19.5	19.0	18.5
1	36	32	38	36	35	38	37	36	39	41	40	39	40	41	40
2	33	35	29	37	40	37	40	39	37	41	43	42	41	42	43
3	25	31	40	33	43	42	39	42	41	39	43	45	44	43	44
4	35	28	35	43	38	45	44	41	44	43	41	45	47	46	45
5	34	41	30	36	49	40	47	46	43	46	45	43	47	50	48
6	44	39	39	36	42	51	42	50	49	45	48	47	46	50	52
7	32	49	45	38	41	45	55	45	53	52	48	52	50	49	53
8	50	31	50	43	45	43	47	58	47	56	55	50	54	53	51
9	63	55	29	57	50	47	45	50	61	50	59	57	53	57	55
10															
11															
12															
Total K - 12 (FTE)	370	356	352	373	401	406	413	424	433	431	440	440	442	449	451
#of Special Ed (Severe)	8	4	4	4	5	5	5	5	5	5	5	5	5	5	5
Regular FTE Enrolment	362	352	348	369	396	401	408	419	428	426	435	435	437	444	446
Student Allowance Factor	24	12	12	12	15	15	15	15	15	15	15	15	15	15	15
Adjusted Enrolment	386	364	360	381	411	416	423	434	443	441	450	450	452	459	461
"Utilization Rate"	80.7%	76.2%	75.2%	79.6%	86.0%	87.1%	88.6%	90.8%	92.6%	92.3%	94.2%	94.1%	94.6%	96.0%	96.5%
Net Capacity	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478
85%Capacity	406	406	406	406	406	406	406	406	406	406	406	406	406	406	406
%Change		-6%	-1%	6%	8%	1%	2%	3%	2%	0%	2%	0%	0%	2%	0%
Spaces available	21	42	47	26	-5	-10	-17	-28	-36	-35	-44	-44	-46	-53	-55

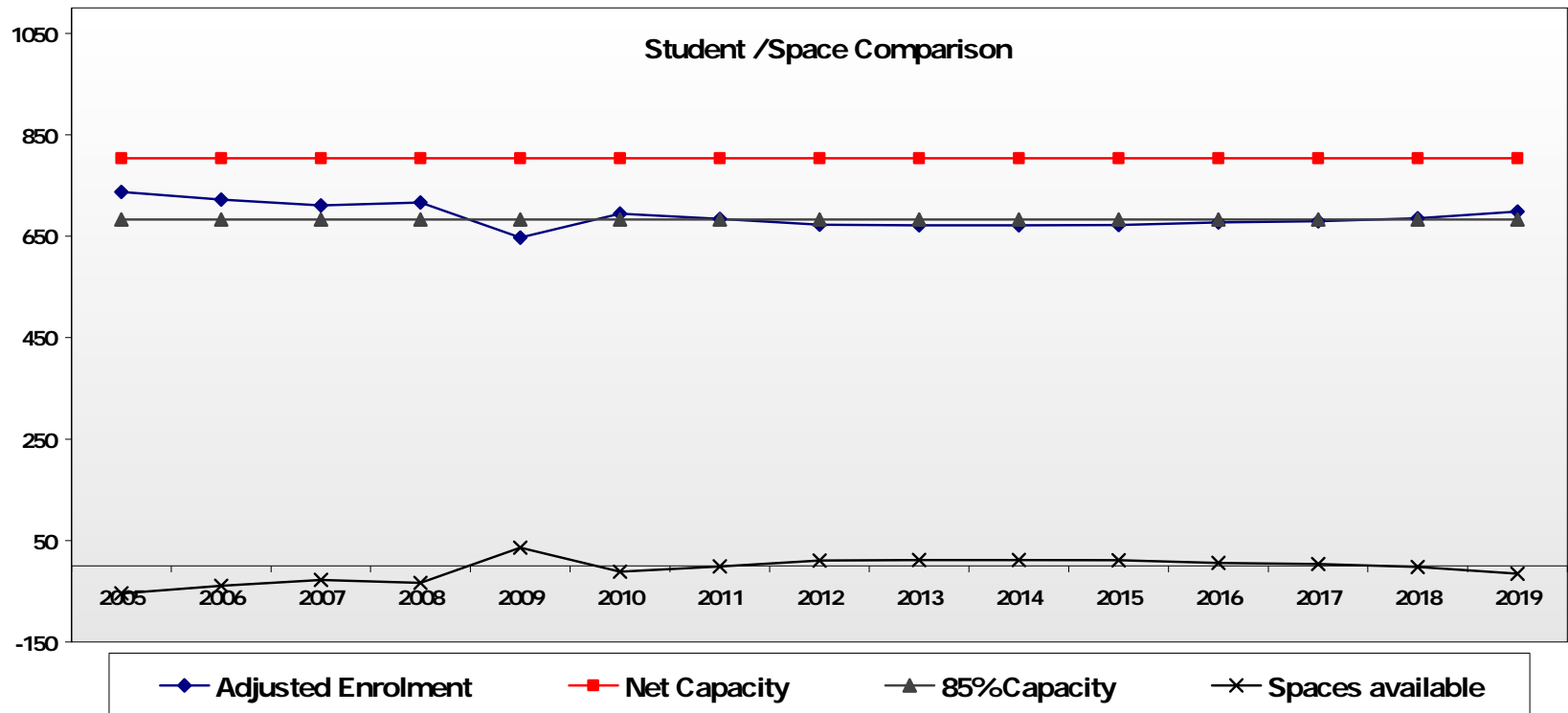
## Appendix C: Status Quo – High Park



## Appendix C: Status Quo

École Meridian Heights															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	80	66	77	63	54	61	60	66	70	69	68	69	67	68	69
K (fte)	40.0	33.0	38.5	31.5	27.0	30.5	30.0	33.0	35.0	34.5	34.0	34.5	33.5	34.0	34.5
1	67	75	71	79	63	54	61	60	66	70	69	68	69	67	68
2	72	72	66	67	67	63	54	61	60	66	70	69	68	69	67
3	73	76	68	68	63	67	63	54	61	60	66	70	69	68	69
4	69	77	73	72	69	63	67	63	54	61	60	66	70	69	68
5	74	69	74	76	70	69	63	67	63	54	61	60	66	70	69
6	92	77	72	78	69	70	69	63	67	63	54	61	60	66	70
7	74	88	79	72	77	70	71	70	64	68	64	55	62	61	67
8	80	66	82	78	64	69	63	64	63	58	61	58	49	56	55
9	80	77	67	79	66	58	62	57	57	57	52	55	52	44	50
10															
11															
12															
Total K - 12 (FTE)	721	710	691	701	635	613	603	591	590	591	591	596	599	604	617
# of Special Ed (Severe)	8	6	10	8	6	9	9	9	9	9	9	9	9	9	9
Regular FTE Enrolment	713	704	681	693	629	604	594	582	581	582	582	587	590	595	608
Student Allowance Factor	24	18	30	24	18	90	90	90	90	90	90	90	90	90	90
Adjusted Enrolment	737	722	711	717	647	694	684	672	671	672	672	677	680	685	698
"Utilization Rate"	91.7%	89.8%	88.4%	89.1%	80.5%	86.4%	85.1%	83.7%	83.5%	83.6%	83.6%	84.2%	84.6%	85.2%	86.9%
Net Capacity	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804
85% Capacity	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683
% Change		-2%	-2%	1%	-10%	7%	-1%	-2%	0%	0%	0%	1%	0%	1%	2%
Spaces available	-54	-39	-27	-33	36	-11	-1	11	12	12	11	6	4	-2	-15

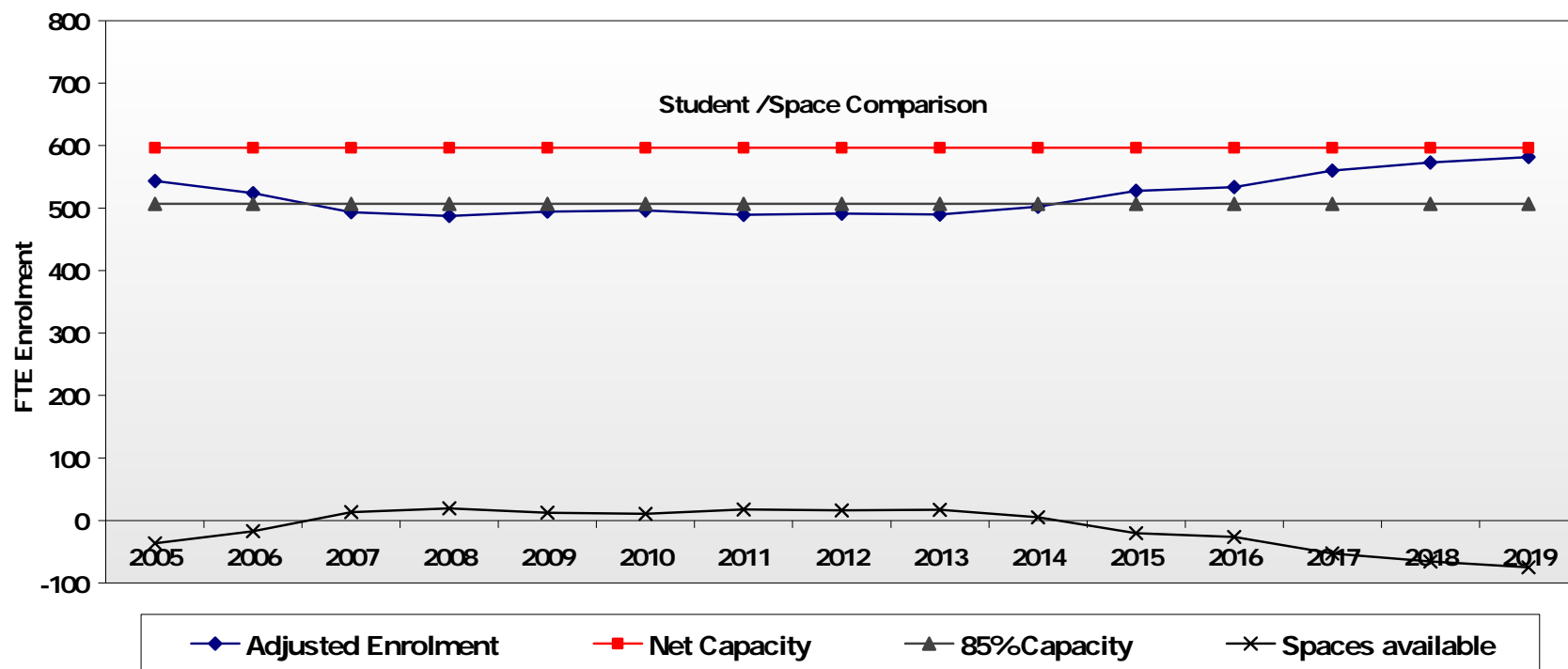
## Appendix C: Status Quo – École Meridian Heights



## Appendix C: Status Quo

Stony Plain Central															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	27	30	21	17	33	30	29	33	37	36	35	37	36	37	36
K (fte)	13.5	15.0	10.5	8.5	16.5	15.0	14.5	16.5	18.5	18.0	17.5	18.5	18.0	18.5	18.0
1	36	28	30	24	24	36	32	31	36	40	39	38	40	39	40
2	29	31	28	29	25	25	37	34	33	37	42	41	40	42	41
3	39	31	34	30	37	26	26	39	36	35	39	44	43	42	44
4	35	39	33	39	32	39	28	28	41	38	36	41	46	45	44
5	30	39	41	39	41	34	41	29	29	43	39	38	43	49	47
6	47	37	44	42	43	43	35	43	30	31	45	41	40	45	51
7	82	88	73	74	75	83	73	70	81	67	78	84	83	80	89
8	95	87	92	82	85	83	91	80	77	89	73	86	93	91	88
9	101	93	92	96	92	89	87	96	84	81	93	77	90	98	96
10															
11															
12															
Total K - 12 (FTE)	508	488	478	464	471	472	465	467	466	478	504	509	536	549	558
#of Special Ed (Severe)	18	18	8	12	12	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	490	470	470	452	459	460	453	455	454	466	492	497	524	537	546
Student Allowance Factor	54	54	24	36	36	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	544	524	494	488	495	496	489	491	490	502	528	533	560	573	582
"Utilization Rate"	91.1%	87.9%	82.8%	81.7%	82.9%	83.2%	82.0%	82.3%	82.1%	84.2%	88.5%	89.4%	93.9%	96.0%	97.6%
Net Capacity	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
85%Capacity	507	507	507	507	507	507	507	507	507	507	507	507	507	507	507
%Change		-4%	-6%	-1%	1%	0%	-1%	0%	0%	2%	5%	1%	5%	2%	2%
Spaces available	-37	-17	13	19	12	11	18	16	17	5	-21	-26	-53	-66	-75

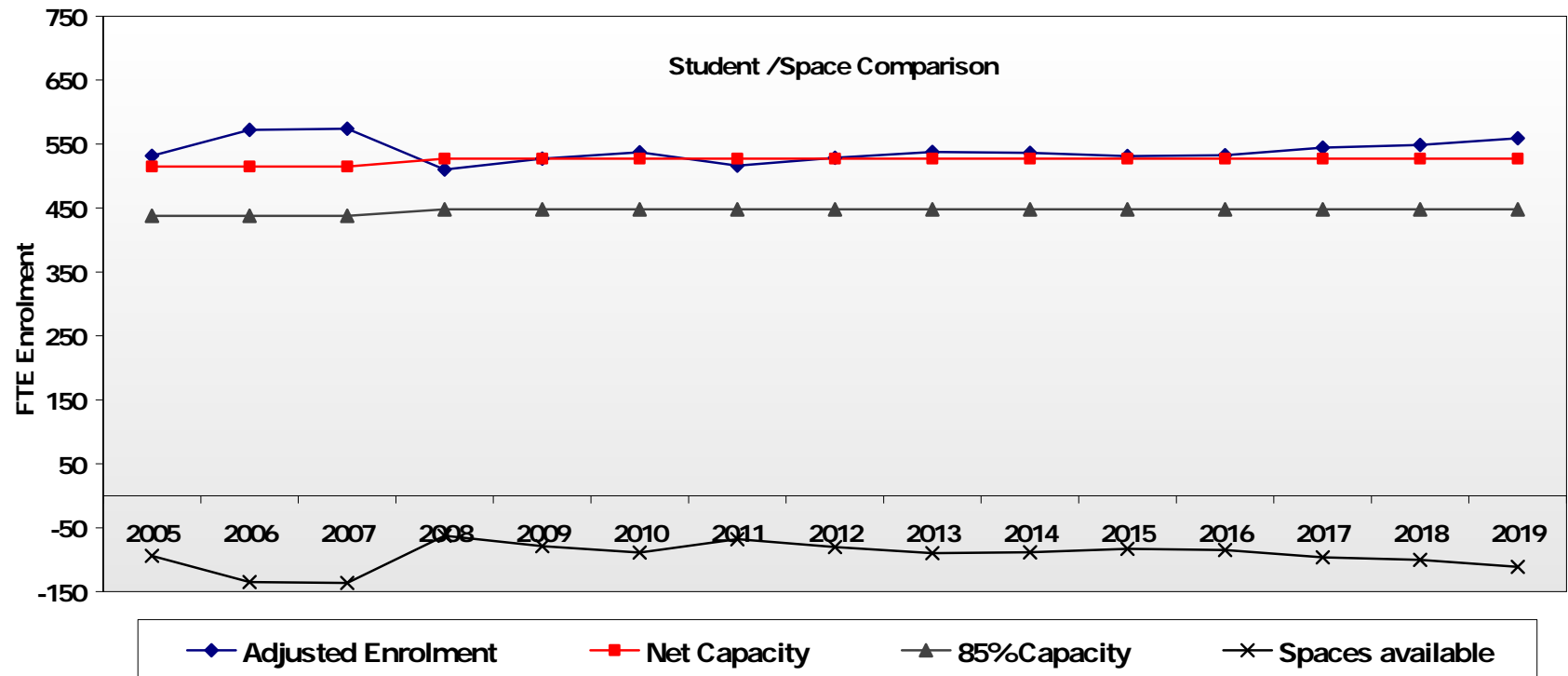
## Appendix C: Status Quo – Stony Plain Central



## Appendix C: Status Quo

Muir Lake															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	47	43	36	31	26	33	32	35	37	36	37	36	37	38	37
K (fte)	23.5	21.5	18.0	15.5	13.0	16.5	16.0	17.5	18.5	18.0	18.5	18.0	18.5	19.0	18.5
1	53	62	49	43	52	47	50	48	53	56	54	56	54	56	57
2	52	55	61	47	45	53	48	50	49	54	57	55	57	55	57
3	45	50	57	60	55	46	54	49	51	50	55	58	56	58	56
4	72	47	54	59	62	56	47	55	50	53	51	56	59	57	59
5	56	73	41	53	60	63	57	48	56	51	54	52	57	60	58
6	45	56	75	38	50	61	65	58	49	57	52	55	53	58	61
7	55	50	63	77	44	51	62	66	60	50	59	53	56	54	59
8	59	62	55	58	77	45	52	64	67	61	51	60	54	57	55
9	43	60	63	53	60	79	46	53	65	68	62	52	61	55	58
10															
11															
12															
Total K - 12 (FTE)	503.5	536.5	536.0	503.5	518.0	517	496	509	518	516	511	513	524	528	539
#of Special Ed (Severe)	14	18	19	7	9	10	10	10	10	10	10	10	10	10	10
Regular FTE Enrolment	490	519	517	490	500	507	486	499	508	506	501	503	514	518	529
Student Allowance Factor	42	54	57	21	27	30	30	30	30	30	30	30	30	30	30
Adjusted Enrolment	532	573	574	511	527	537	516	529	538	536	531	533	544	548	559
"Utilization Rate"	103.2%	111.2%	111.5%	96.8%	100.0%	101.9%	97.9%	100.3%	102.0%	101.8%	100.7%	101.1%	103.3%	104.0%	106.1%
Net Capacity	515	515	515	527	527	527	527	527	527	527	527	527	527	527	527
85%Capacity	438	438	438	448	448	448	448	448	448	448	448	448	448	448	448
%Change		8%	0%	-13%	3%	2%	-4%	2%	2%	0%	-1%	0%	2%	1%	2%
Spaces available	-94	-135	-136	-62	-79	-89	-68	-80	-90	-88	-83	-85	-96	-100	-111

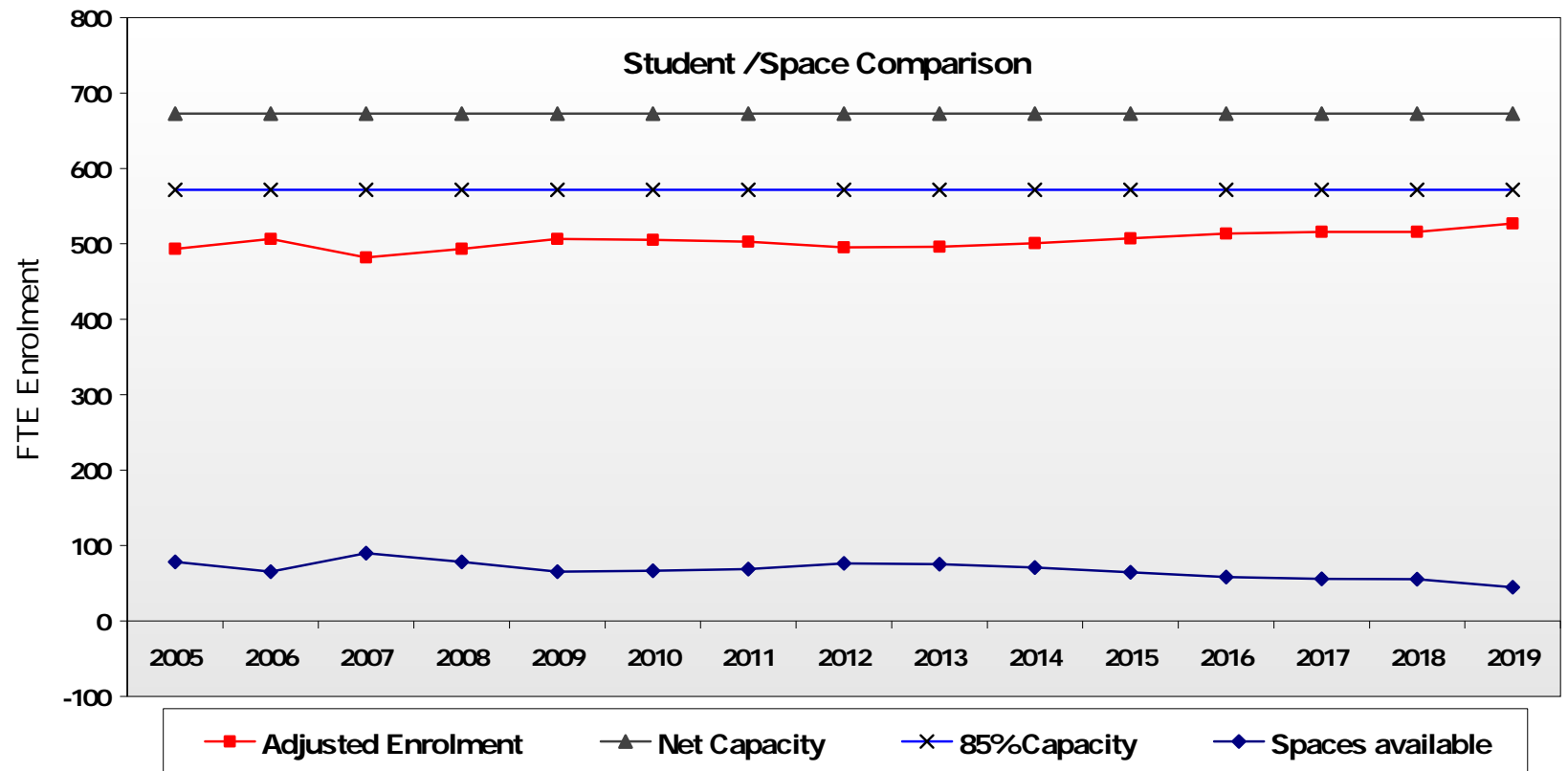
## Appendix C: Status Quo – Muir Lake



## Appendix C: Status Quo

Blueberry															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	43	49	46	53	43	46	45	47	48	49	50	51	52	53	54
K (fte)	21.5	24.5	23.0	26.5	21.5	23.0	22.5	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0
1	46	43	44	43	51	42	45	44	46	47	48	49	50	51	52
2	34	46	45	46	49	52	43	46	45	47	48	49	50	51	52
3	52	34	46	43	45	50	53	44	47	46	48	49	50	51	52
4	54	53	37	45	45	46	51	54	45	48	47	49	50	51	52
5	50	56	55	45	47	46	47	52	55	46	49	48	50	51	52
6	43	52	53	57	51	48	47	48	54	57	47	50	49	51	52
7	55	46	52	58	60	53	50	49	50	56	59	49	52	51	53
8	60	57	45	51	53	59	52	49	48	49	55	58	48	51	50
9	54	63	50	45	50	52	58	51	48	47	48	53	57	47	50
10															
11															
12															
Total K - 12 (FTE)	469.5	474.5	450.0	459.5	472.5	471	469	461	462	467	473	480	482	482	493
#of Special Ed (Severe)	12	16	16	17	17	17	17	17	17	17	17	17	17	17	17
Regular FTE Enrolment	457.5	458.5	434.0	442.5	455.5	454	452	444	445	450	456	463	465	465	476
Student Allowance Factor	36	48	48	51	51	51	51	51	51	51	51	51	51	51	51
Adjusted Enrolment	493.5	506.5	482.0	493.5	506.5	505	503	495	496	501	507	514	516	516	527
"Utilization Rate"	73.4%	75.3%	71.7%	73.4%	75.3%	75.1%	74.7%	73.6%	73.8%	74.5%	75.4%	76.3%	76.7%	76.7%	78.4%
Net Capacity	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673
85%Capacity	572	572	572	572	572	572	572	572	572	572	572	572	572	572	572
%Change		2.6%	-4.8%	2.4%	2.6%	-0.3%	-0.5%	-1.5%	0.2%	0.9%	1.3%	1.2%	0.4%	0.1%	2.1%
Spaces available	78	65	90	78	65	67	69	76	75	71	64	58	56	56	45

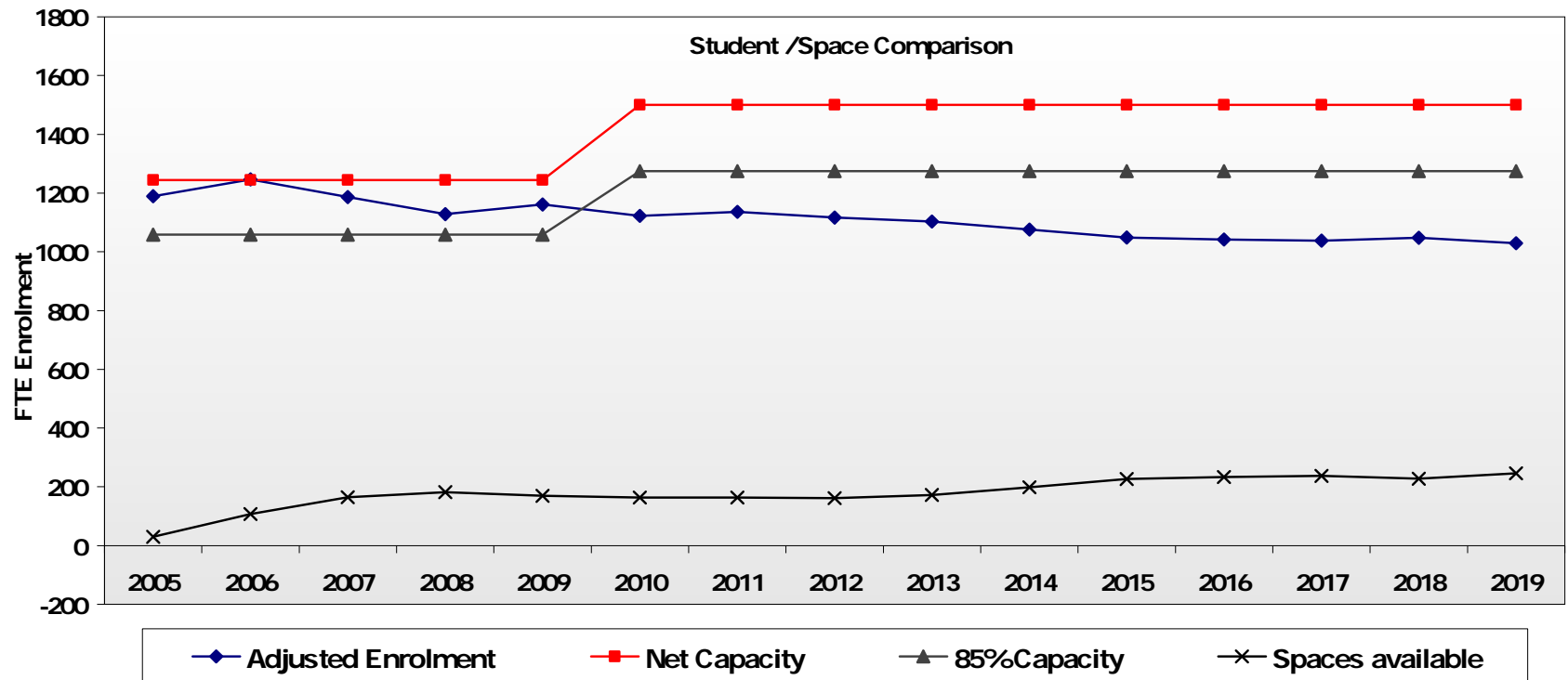
## Appendix C: Status Quo – Blueberry



## Appendix C: Status Quo

Memorial Composite High															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5															
6															
7															
8															
9															
10	374	402	413	358	372	354	358	352	340	331	324	333	327	334	315
11	378	393	378	394	340	368	350	354	348	337	328	321	330	324	330
12	391	389	395	376	393	340	368	350	354	348	337	328	321	330	324
<b>Total K - 12 (FTE)</b>	<b>1143</b>	<b>1184</b>	<b>1186</b>	<b>1128</b>	<b>1105</b>	<b>1062</b>	<b>1076</b>	<b>1056</b>	<b>1043</b>	<b>1016</b>	<b>988</b>	<b>982</b>	<b>978</b>	<b>987</b>	<b>969</b>
#of Special Ed (Severe)	23	31	37	34	28	30	30	30	30	30	30	30	30	30	30
Regular FTE Enrolment	1120	1153	1149	1094	1077	1032	1046	1026	1013	986	958	952	948	957	939
Student Allowance Factor	69	93	37	34	84	90	90	90	90	90	90	90	90	90	90
Adjusted Enrolment	1189	1246	1186	1128	1161	1122	1136	1116	1103	1076	1048	1042	1038	1047	1029
"Utilization Rate"	95.5%	100.1%	95.3%	90.6%	93.3%	74.8%	75.8%	74.4%	73.5%	71.7%	69.9%	69.4%	69.2%	69.8%	68.6%
Net Capacity	1245	1245	1245	1245	1245	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
85%Capacity	1058	1058	1058	1058	1058	1275	1275	1275	1275	1275	1275	1275	1275	1275	1275
%Change		5%	-5%	-5%	3%	-20%	1%	-2%	-1%	-2%	-3%	-1%	0%	1%	-2%
Spaces available	30	107	164	182	169	163	163	161	172	199	227	233	237	228	246

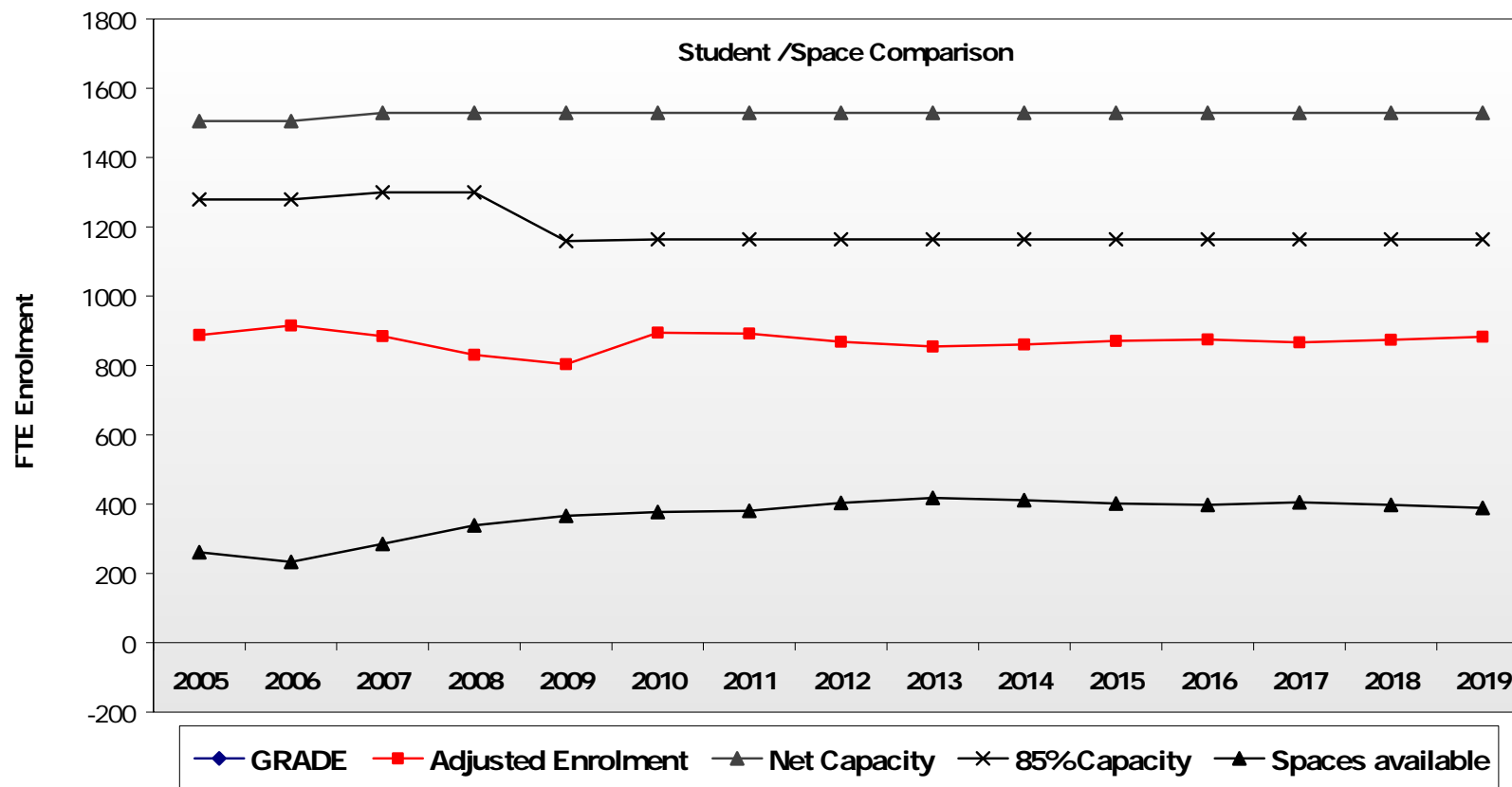
## Appendix C: Status Quo – Memorial Composite High



## Appendix D: Zone Enrolments

West Parkland Zone															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	78	84	92	64	73	79	76	81	88	85	84	86	85	81	85
K (fte)	45	48	52	38	42	45	44	46	50	48	48	49	48	46	48
1	85	86	91	86	72	76	80	77	81	88	85	84	86	85	81
2	99	82	88	83	96	75	76	81	78	82	88	86	84	87	86
3	101	111	85	86	84	100	77	79	84	80	85	92	89	87	90
4	103	109	115	81	86	87	103	80	82	86	83	88	95	92	91
5	113	100	110	103	91	89	90	107	82	84	89	85	90	98	95
6	103	119	101	116	105	93	91	92	110	83	86	91	88	93	101
Total K - 6 (FTE)	649	655	642	593	576	565	562	561	566	551	563	574	580	588	591
7	96	100	118	94	111	97	86	78	86	102	80	78	85	80	86
8	96	98	97	110	82	105	92	82	74	82	97	76	75	80	76
9	86	92	85	85	87	76	99	86	77	69	76	90	73	70	76
Total 7 - 9	278	290	300	289	280	278	276	247	237	253	253	245	232	230	238
10															
11															
12															
Total 10 - 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total K - 12 (FTE)	926.5	944.5	941.5	881.5	856.0	843	838	808	802	805	816	819	813	818	829
#of Special Ed (Severe)	32	37	23	26	25	26	27	30	26	28	27	28	27	28	27
Regular FTE Enrolment	878	820	831	768	743	817	811	778	776	777	789	791	786	790	802
Student Allowance Factor	86	101	59	68	65	78	81	90	78	84	81	84	81	84	81
Adjusted Enrolment	888	916	885	831	803	895	892	868	854	861	870	875	867	874	883
"Utilization Rate"	59.0%	60.8%	57.8%	54.3%	52.5%	58.5%	58.3%	56.8%	55.9%	56.3%	56.9%	57.2%	56.7%	57.2%	57.7%
Net Capacity	1505	1505	1529	1529	1529	1529	1529	1529	1529	1529	1529	1529	1529	1529	1529
85%Capacity	1279	1279	1300	1300	1159	1164	1164	1164	1164	1164	1164	1164	1164	1164	1164
%Change		1.9%	-0.3%	-6.8%	-3.0%	-1.6%	-0.6%	-3.7%	-0.8%	0.3%	1.4%	0.3%	-0.7%	0.7%	1.3%
Spaces available	261	233	285	339	366	377	380	404	418	412	402	398	406	398	389

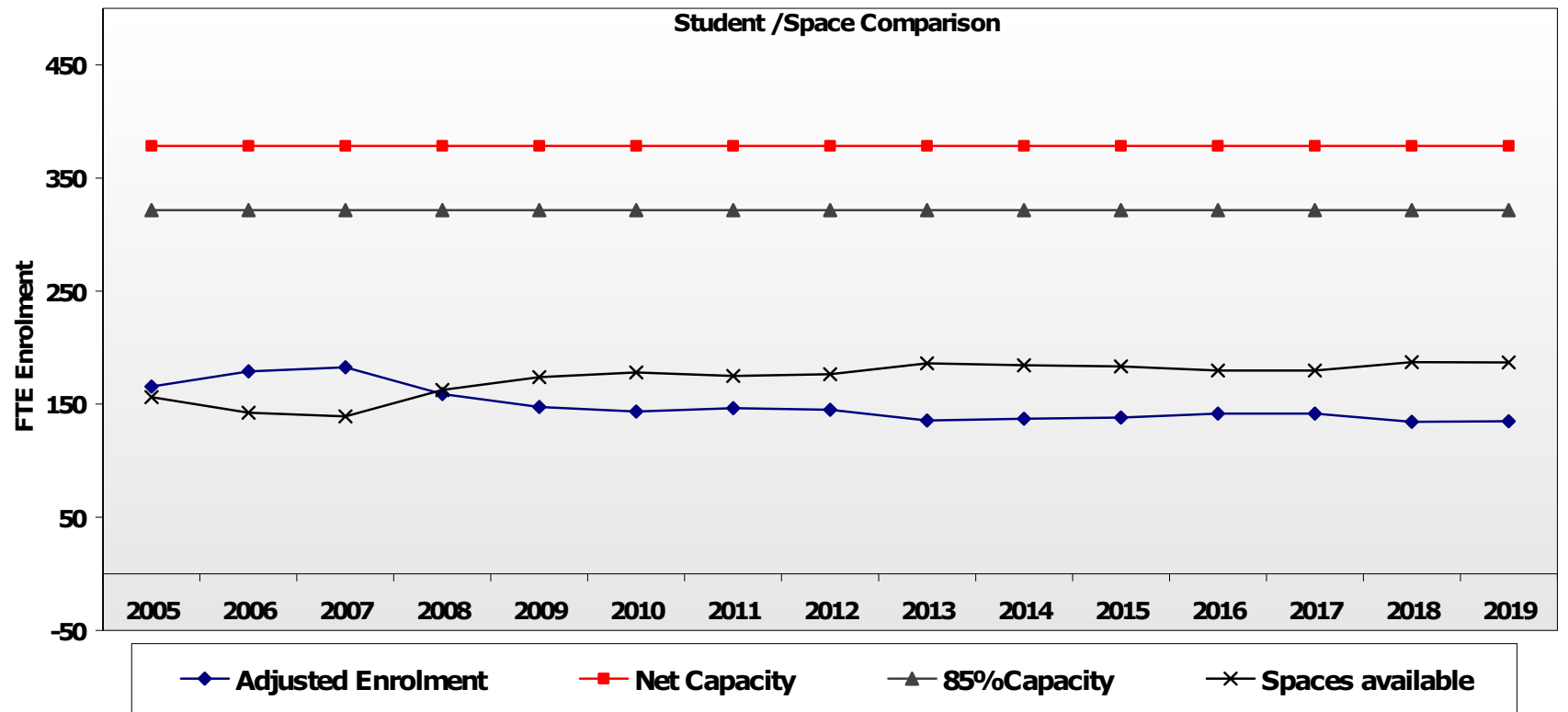
## Appendix D: Zone Utilizations



## Appendix D: Status Quo – Seba Beach

Seba Beach															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	7	8	15	8	9	11	10	9	9	9	8	10	9	9	10
K (fte)	3.5	4.0	7.5	4.0	4.5	5.5	5.0	4.5	4.5	4.5	4.0	5.0	4.5	4.5	5.0
1	14	9	10	13	16	12	14	13	12	12	12	10	13	12	12
2	15	15	12	11	15	17	12	15	14	12	12	12	11	14	12
3	12	25	17	11	9	16	17	13	16	14	13	13	13	11	14
4	19	17	27	15	10	9	16	18	13	16	15	13	13	13	12
5	19	17	18	22	15	10	10	17	19	14	17	15	14	14	14
6	15	23	19	20	23	16	11	10	18	20	15	18	16	15	15
7	17	17	27	19	20	24	16	11	11	18	21	15	18	17	15
8	20	20	22	22	12	18	22	15	10	10	17	19	14	17	15
9	23	24	21	20	19	12	19	22	15	11	10	17	19	14	17
10															
11															
12															
<b>Total K - 12 (FTE)</b>	<b>157.5</b>	<b>171.0</b>	<b>180.5</b>	<b>157.0</b>	<b>143.5</b>	<b>140</b>	<b>143</b>	<b>139</b>	<b>132</b>	<b>131</b>	<b>134</b>	<b>138</b>	<b>136</b>	<b>130</b>	<b>131</b>
#of Special Ed (Severe)	4	4	1	1	2	2	2	3	2	3	2	2	3	2	2
Regular FTE Enrolment	153.5	167.0	179.5	156.0	141.5	138	141	136	130	128	132	136	133	128	129
Student Allowance Factor	12	12	3	3	6	6	6	9	6	9	6	6	9	6	6
Adjusted Enrolment	165.5	179.0	182.5	159.0	147.5	144	147	145	136	137	138	142	142	134	135
"Utilization Rate"	43.7%	47.3%	48.2%	42.0%	39.0%	37.9%	38.7%	38.3%	35.8%	36.3%	36.5%	37.5%	37.5%	35.5%	35.6%
Net Capacity	378	378	378	378	378	378	378	378	378	378	378	378	378	378	378
85%Capacity	322	322	322	322	322	322	322	322	322	322	322	322	322	322	322
%Change		8%	2%	-13%	-7%	-3%	2%	-1%	-7%	1%	1%	3%	0%	-5%	0%
Spaces available	156	143	139	163	174	178	175	177	186	184	183	180	180	187	187

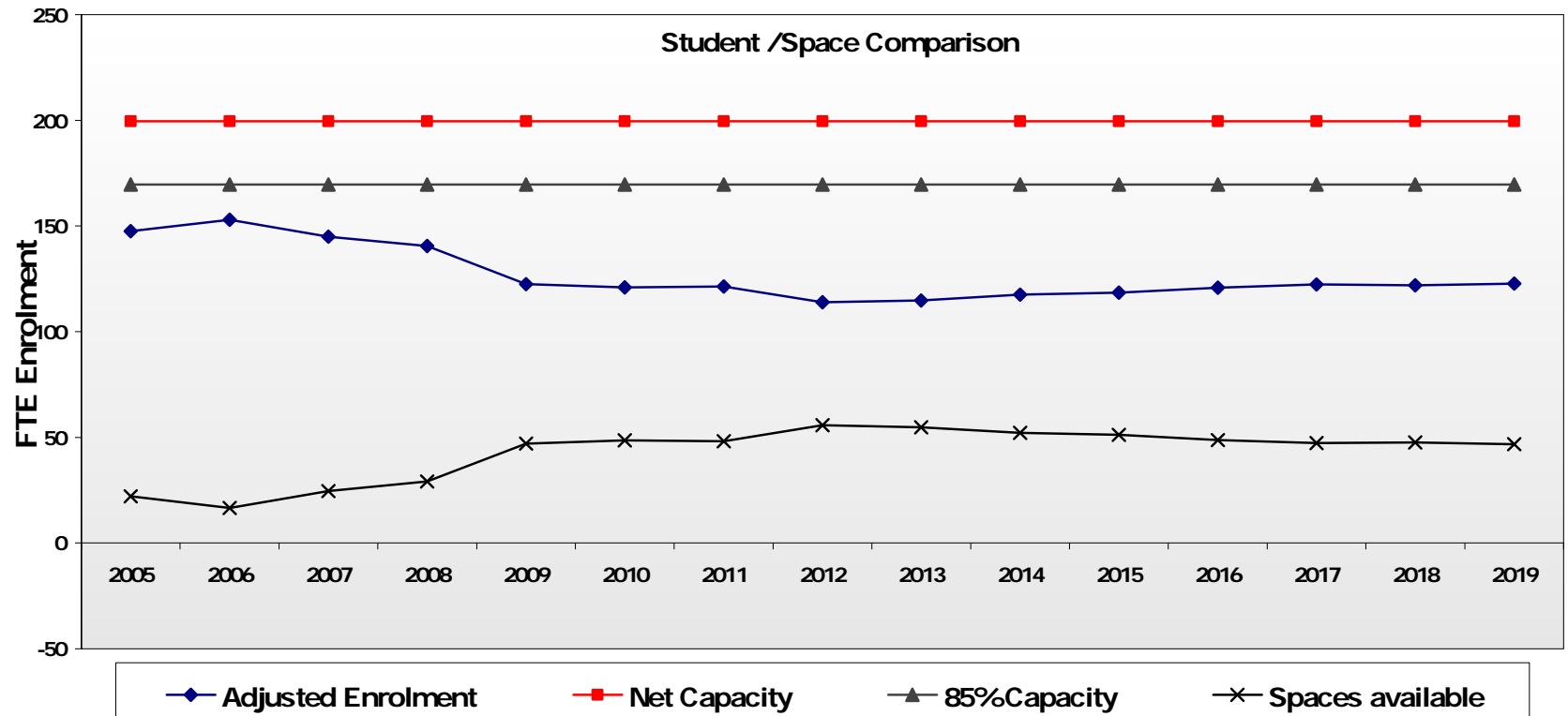
## Appendix D: Status Quo – Seba Beach



## Appendix D: Status Quo

Tomahawk															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	11	12	12	13	11	12	11	12	12	13	12	13	13	12	12
K (fte)	5.5	6.0	6.0	6.5	5.5	6.0	5.5	6.0	6.0	6.5	6.0	6.5	6.5	6.0	6.0
1	10	14	15	12	13	11	12	11	12	12	13	12	13	13	12
2	7	9	10	9	11	12	10	11	10	11	11	12	11	12	12
3	20	9	9	10	9	11	12	10	11	10	11	11	12	11	12
4	12	19	9	9	11	9	11	12	10	11	10	11	11	12	11
5	20	13	19	11	9	11	9	11	12	10	11	10	11	11	12
6	18	21	13	18	10	9	10	9	10	12	10	11	10	11	11
7	15	18	20	12	19	10	9	10	9	10	12	10	11	10	11
8	14	14	18	20	9	17	9	8	9	8	9	11	9	10	9
9	12	12	14	17	10	9	17	9	8	9	8	9	11	9	10
10															
11															
12															
Total K - 12 (FTE)	133.5	135.0	133.0	124.5	106.5	105	105	98	99	101	102	105	106	106	107
#of Special Ed (Severe)	7.0	9.0	6.0	8.0	8.0	8	8	8	8	8	8	8	8	8	8
Regular FTE Enrolment	126.5	126.0	127.0	116.5	98.5	97	97	90	91	93	94	97	98	98	99
Student Allowance Factor	21.0	27.0	18.0	24.0	24.0	24	24	24	24	24	24	24	24	24	24
Adjusted Enrolment	147.5	153.0	145.0	140.5	122.5	121	121	114	115	117	118	121	122	122	123
"Utilization Rate"	73.9%	76.7%	72.7%	70.4%	61.4%	60.6%	60.8%	57.1%	57.5%	58.9%	59.3%	60.6%	61.3%	61.1%	61.5%
Net Capacity	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
85%Capacity	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
%Change		4%	-5%	-3%	-13%	-1%	0%	-6%	1%	2%	1%	2%	1%	0%	1%
Spaces available	22	17	25	29	47	49	48	56	55	52	51	49	47	48	47

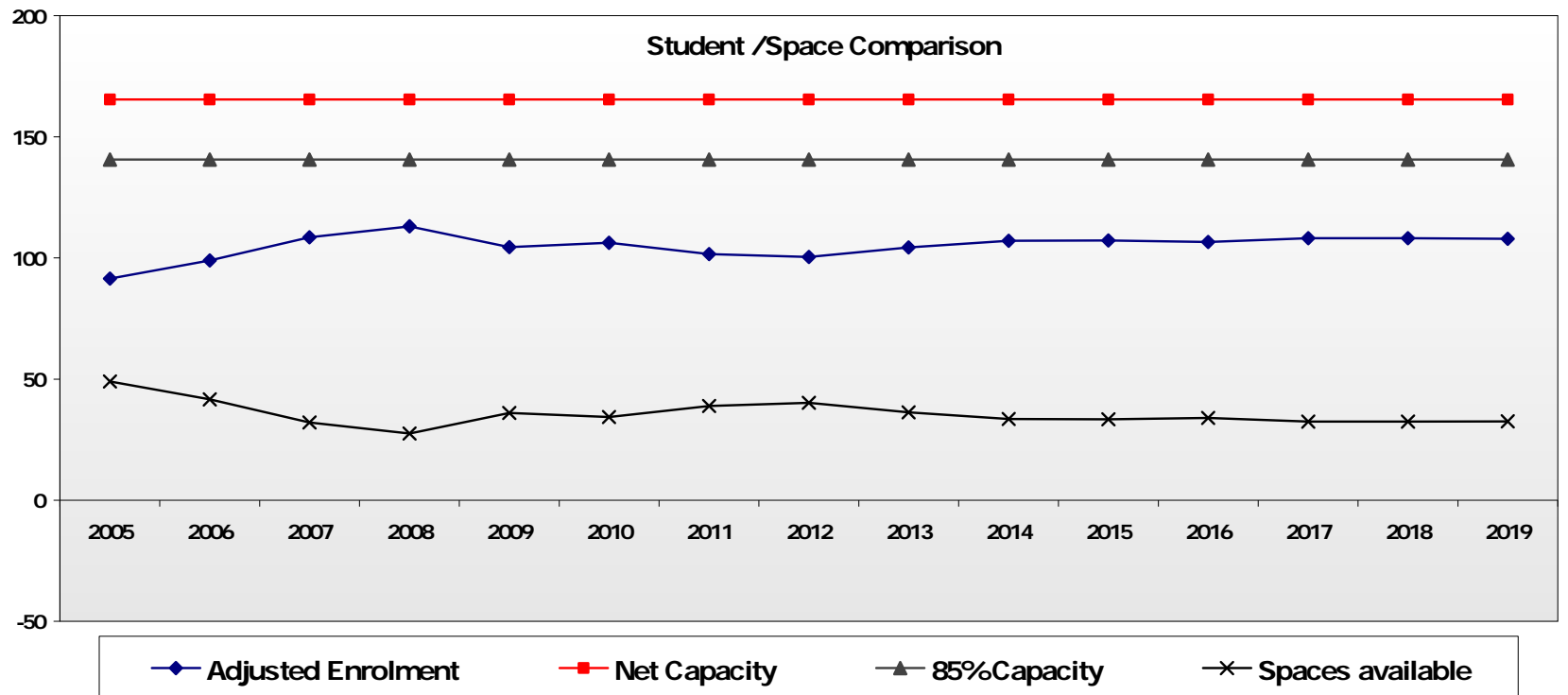
## Appendix D: Status Quo - Tomahawk



## Appendix D: Status Quo

Wabamun															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	11	14	13	14	13	12	11	13	14	13	14	13	14	13	13
K (fte)	5.5	7.0	6.5	7.0	6.5	6.0	5.5	6.5	7.0	6.5	7.0	6.5	7.0	6.5	6.5
1	14	13	16	14	14	13	12	11	13	14	13	14	13	14	13
2	8	11	16	14	11	13	13	12	11	13	14	13	14	13	14
3	7	8	10	15	13	10	12	11	10	10	11	12	11	12	11
4	9	9	9	8	11	12	9	11	10	9	9	10	11	10	11
5	8	11	10	9	7	10	11	8	10	9	8	8	9	10	9
6	5	9	13	8	5	7	9	10	8	9	9	8	7	9	9
7	7	5	6	12	8	5	6	8	9	7	8	8	7	7	8
8	10	7	6	6	11	8	5	6	8	9	7	8	8	7	7
9	8	9	4	6	6	11	8	5	6	8	9	7	8	8	7
10															
11															
12															
Total K - 12 (FTE)	81.5	89.0	96.5	99.0	92.5	94	90	88	92	95	95	95	96	96	96
#of Special Ed (Severe)	5	5	6	7	6	6	6	6	6	6	6	6	6	6	6
Regular FTE Enrolment	76.5	84.0	90.5	92.0	86.5	88	84	82	86	89	89	89	90	90	90
Student Allowance Factor	15	15	18	21	18	18	18	18	18	18	18	18	18	18	18
Adjusted Enrolment	91.5	99.0	108.5	113.0	104.5	106	102	100	104	107	107	107	108	108	108
"Utilization Rate"	55.3%	59.9%	65.6%	68.3%	63.2%	64.2%	61.5%	60.7%	63.1%	64.8%	64.8%	64.5%	65.4%	65.4%	65.3%
Net Capacity	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
85%Capacity	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141
%Change		8%	10%	4%	-8%	2%	-4%	-1%	4%	3%	0%	-1%	1%	0%	0%
Spaces available	49	42	32	28	36	34	39	40	36	33	33	34	32	32	33

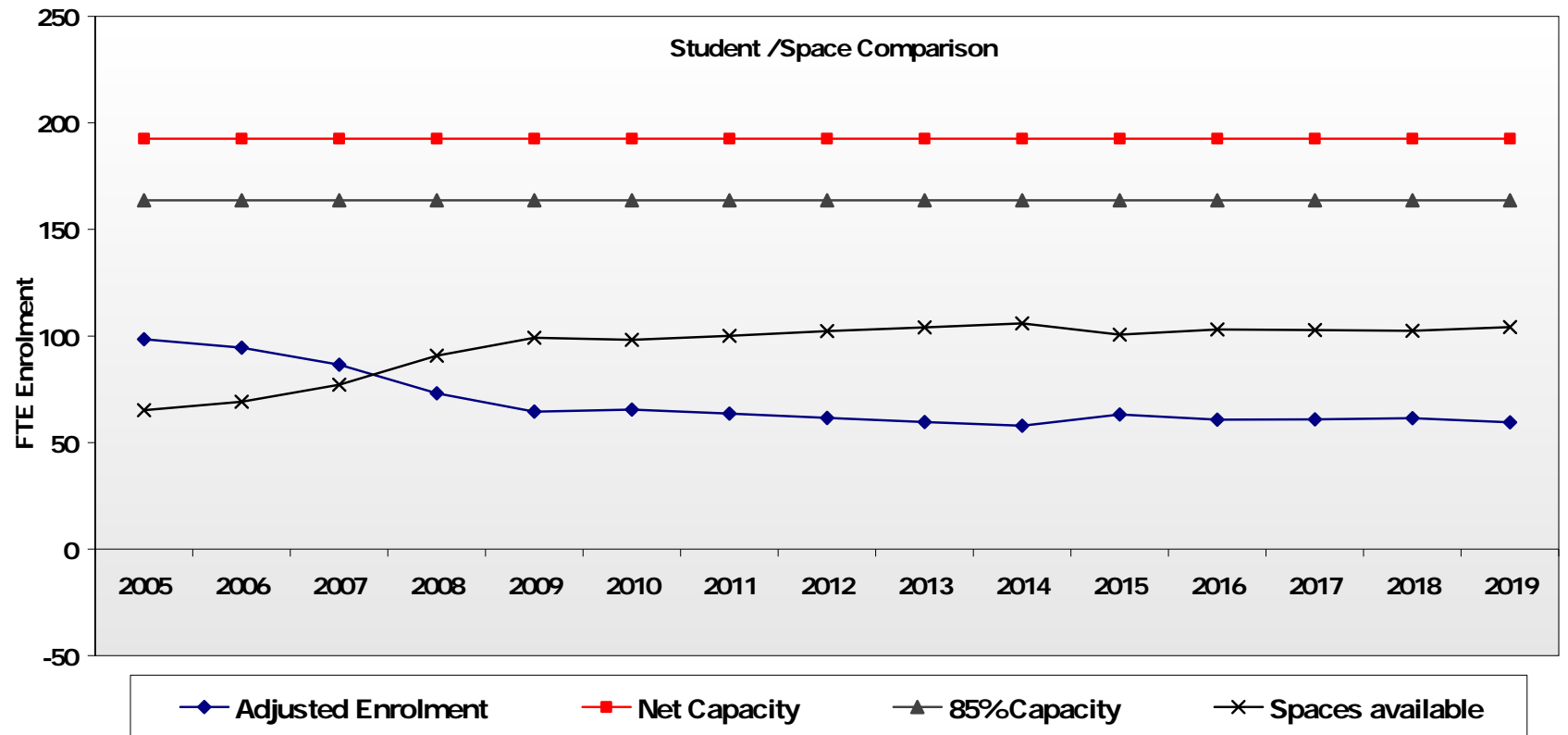
## Appendix D: Status Quo - Wabamun



## Appendix D: Status Quo

Keephills															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	15	11	11	6	7	8	9	8	10	8	9	8	8	7	9
K (fte)	7.5	5.5	5.5	3.0	3.5	4.0	4.5	4.0	5.0	4.0	4.5	4.0	4.0	3.5	4.5
1	15	13	9	9	5	8	7	8	7	9	7	8	7	7	6
2	16	13	15	9	10	5	8	8	9	8	10	8	9	8	8
3	15	16	12	13	9	11	6	9	8	9	8	10	8	9	8
4	13	14	16	11	13	10	11	6	10	9	10	9	11	9	10
5	15	13	13	11	11	13	10	11	6	10	9	10	9	11	9
6	11	16	12	13	11	11	13	10	11	6	10	9	10	9	11
7															
8															
9															
10															
11															
12															
<b>Total K - 12 (FTE)</b>	<b>92.5</b>	<b>90.5</b>	<b>82.5</b>	<b>69.0</b>	<b>62.5</b>	<b>61</b>	<b>60</b>	<b>55</b>	<b>56</b>	<b>54</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>55</b>	<b>55</b>
#of Special Ed (Severe)	3	2	2	2	1	2	2	3	2	2	3	2	2	3	2
Regular FTE Enrolment	89.5	88.5	80.5	67.0	61.5	59	58	52	54	52	54	55	55	52	53
Student Allowance Factor	9	6	6	6	3	6	6	9	6	6	9	6	6	9	6
Adjusted Enrolment	98.5	94.5	86.5	73.0	64.5	65	64	61	60	58	63	61	61	61	59
"Utilization Rate"	51.2%	49.1%	44.9%	37.9%	33.5%	34.0%	33.0%	31.9%	31.0%	30.0%	32.8%	31.5%	31.6%	31.8%	30.9%
Net Capacity	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193
85%Capacity	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
%Change		-4%	-8%	-16%	-12%	1%	-3%	-3%	-3%	-3%	9%	-4%	0%	1%	-3%
Spaces available	65	69	77	91	99	98	100	102	104	106	101	103	103	102	104

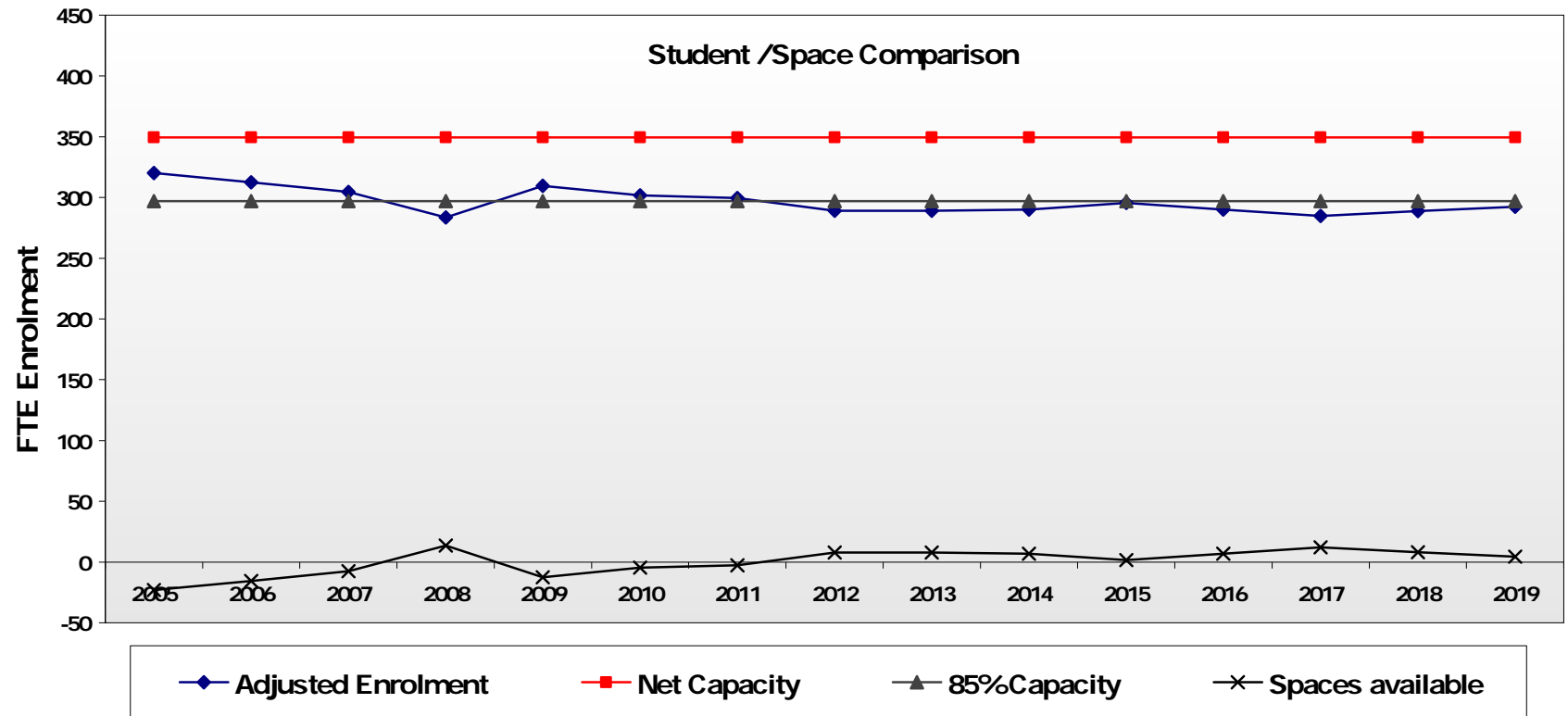
## Appendix D: Status Quo - Keephills



## Appendix D: Status Quo

Duffield															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	20	25	21	17	23	23	22	25	27	26	27	26	26	25	26
K (fte)	10.0	12.5	10.5	8.5	11.5	11.5	11.0	12.5	13.5	13.0	13.5	13.0	13.0	12.5	13.0
1	20	21	31	22	20	24	24	23	26	28	27	28	27	27	26
2	34	21	22	30	31	23	24	24	23	26	28	27	28	27	27
3	25	31	24	24	31	32	23	25	25	24	27	29	28	29	28
4	32	25	34	22	23	32	32	24	25	25	24	27	30	28	30
5	33	29	29	31	30	23	32	33	24	26	26	25	28	30	29
6	33	30	30	30	30	31	24	33	34	25	26	26	25	28	31
7	44	43	48	36	45	39	40	31	43	44	32	34	34	33	37
8	42	48	37	47	37	46	40	41	32	44	44	33	35	35	33
9	35	40	37	29	43	33	41	36	37	29	39	40	30	31	31
10															
11															
12															
Total K - 12 (FTE)	308.0	300.5	302.5	279.5	301.5	294	292	281	281	282	287	282	277	281	284
#of Special Ed (Severe)	6	6	1	2	4	4	4	4	4	4	4	4	4	4	4
Regular FTE Enrolment	302	295	302	278	298	290	288	277	277	278	283	278	273	277	280
Student Allowance Factor	18	18	3	6	12	12	12	12	12	12	12	12	12	12	12
Adjusted Enrolment	320	313	305	284	310	302	300	289	289	290	295	290	285	289	292
"Utilization Rate"	91.6%	89.4%	87.2%	81.1%	88.6%	86.4%	85.8%	82.8%	82.8%	83.0%	84.6%	83.0%	81.5%	82.7%	83.7%
Net Capacity	349	349	349	349	349	349	349	349	349	349	349	349	349	349	349
85%Capacity	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297
%Change		-2%	-3%	-7%	9%	-3%	-1%	-3%	0%	0%	2%	-2%	-2%	1%	1%
Spaces available	-23	-16	-8	13	-13	-5	-3	8	8	7	2	7	12	8	4

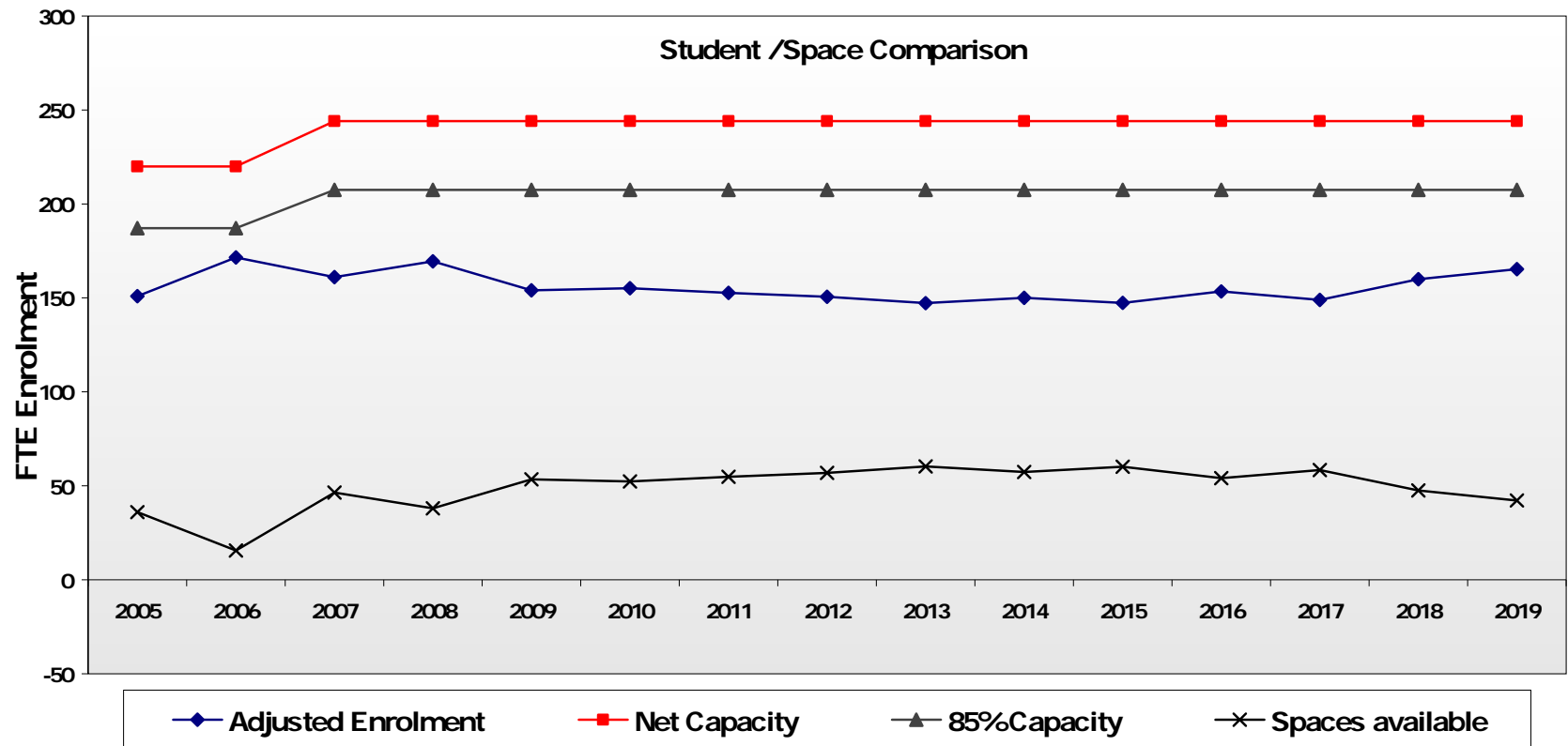
## Appendix D: Status Quo - Duffield



## Appendix D: Status Quo

Entwistle															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	14	17	22	9	12	14	13	16	19	18	17	18	18	17	17
K (fte)	7.0	8.5	11.0	4.5	6.0	7.0	6.5	8.0	9.5	9.0	8.5	9.0	9.0	8.5	8.5
1	15	18	15	19	7	10	12	11	14	16	15	14	15	15	14
2	16	13	18	13	18	7	10	12	11	13	16	15	14	15	15
3	18	19	12	17	15	20	8	11	13	12	15	17	16	16	16
4	16	23	18	13	18	17	22	8	12	14	13	16	19	18	17
5	15	17	20	17	15	20	18	24	9	13	16	14	18	21	20
6	15	18	16	24	20	17	22	20	26	10	15	17	16	20	23
7	13	15	16	20	20	17	14	19	17	22	9	12	15	13	17
8	13	9	13	14	17	17	14	12	16	14	19	7	11	12	11
9	9	9	6	12	8	14	14	12	10	13	12	16	6	9	10
10															
11															
12															
Total K - 12 (FTE)	137.0	149.5	145.0	153.5	144.0	145	141	137	137	138	137	139	139	148	153
#of Special Ed (Severe)	7	11	8	8	5	5	6	7	5	6	5	7	5	6	6
Regular FTE Enrolment	130	139	137	146	139	140	135	130	132	132	132	132	134	142	147
Student Allowance Factor	21	33	24	24	15	15	18	21	15	18	15	21	15	18	18
Adjusted Enrolment	151	172	161	170	154	155	153	151	147	150	147	153	149	160	165
"Utilization Rate"	61.9%	70.3%	66.0%	69.5%	63.1%	63.6%	62.5%	61.7%	60.3%	61.5%	60.4%	62.8%	61.0%	65.5%	67.7%
Net Capacity	220	220	244	244	244	244	244	244	244	244	244	244	244	244	244
85%Capacity	187	187	207	207	207	207	207	207	207	207	207	207	207	207	207
%Change		14%	-6%	5%	-9%	1%	-2%	-1%	-2%	2%	-2%	4%	-3%	7%	3%
Spaces available	36	16	46	38	53	52	55	57	60	57	60	54	58	48	42

## Appendix D: Status Quo - Entwistle

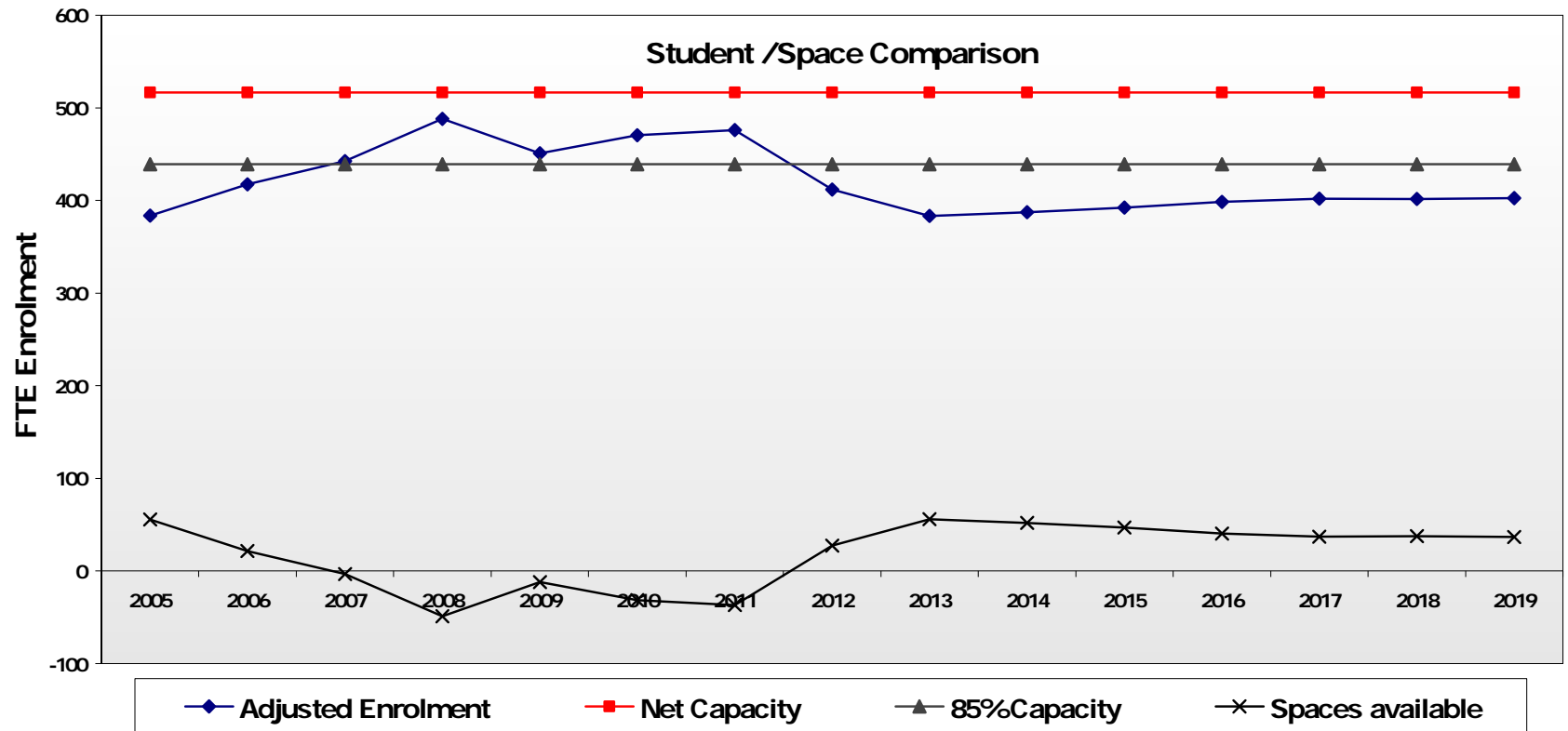


## Appendix E:

Brookwood Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	95	93	89	126	106	105	104	81	84	83	84	85	84	83	85
K (fte)	47.5	46.5	44.5	63.0	53.0	52.5	52.0	40.5	42.0	41.6	42.0	42.4	42.0	41.6	42.4
1	85	96	95	95	111	106	105	78	81	84	83	84	85	84	83
2	66	96	99	97	78	111	106	79	78	81	84	83	84	85	84
3	83	70	95	96	99	78	111	80	79	78	81	84	83	84	85
4	78	83	79	101	99	99	78	111	80	79	78	81	84	83	84
5															
6															
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)	359.5	391.5	412.5	452.0	440.0	447	452	388	359	363	368	375	378	378	378
#of Special Ed (Severe)	12	13	15	16	8	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	348	379	398	440	427	435	440	376	347	351	356	363	366	366	366
Student Allowance Factor	36	39	45	48	24	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	384	418	443	488	451	471	476	412	383	387	392	399	402	402	402
"Utilization Rate"	74.2%	80.8%	85.6%	94.5%	87.3%	91.1%	92.1%	79.7%	74.2%	75.0%	75.9%	77.2%	77.8%	77.7%	77.9%
Net Capacity	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
85%Capacity	439	439	439	439	439	439	439	439	439	439	439	439	439	439	439
%Change		9%	6%	10%	-8%	4%	1%	-13%	-7%	1%	1%	2%	1%	0%	0%
Spaces available	56	22	-3	-49	-12	-31	-37	27	56	52	47	41	37	38	37

**Note: 2012 - Open new 500 capacity K - 4 school with +/- 25% students from Brookwood and +/- 40% students from Millgrove.**

## Appendix E: Brookwood - Option 1



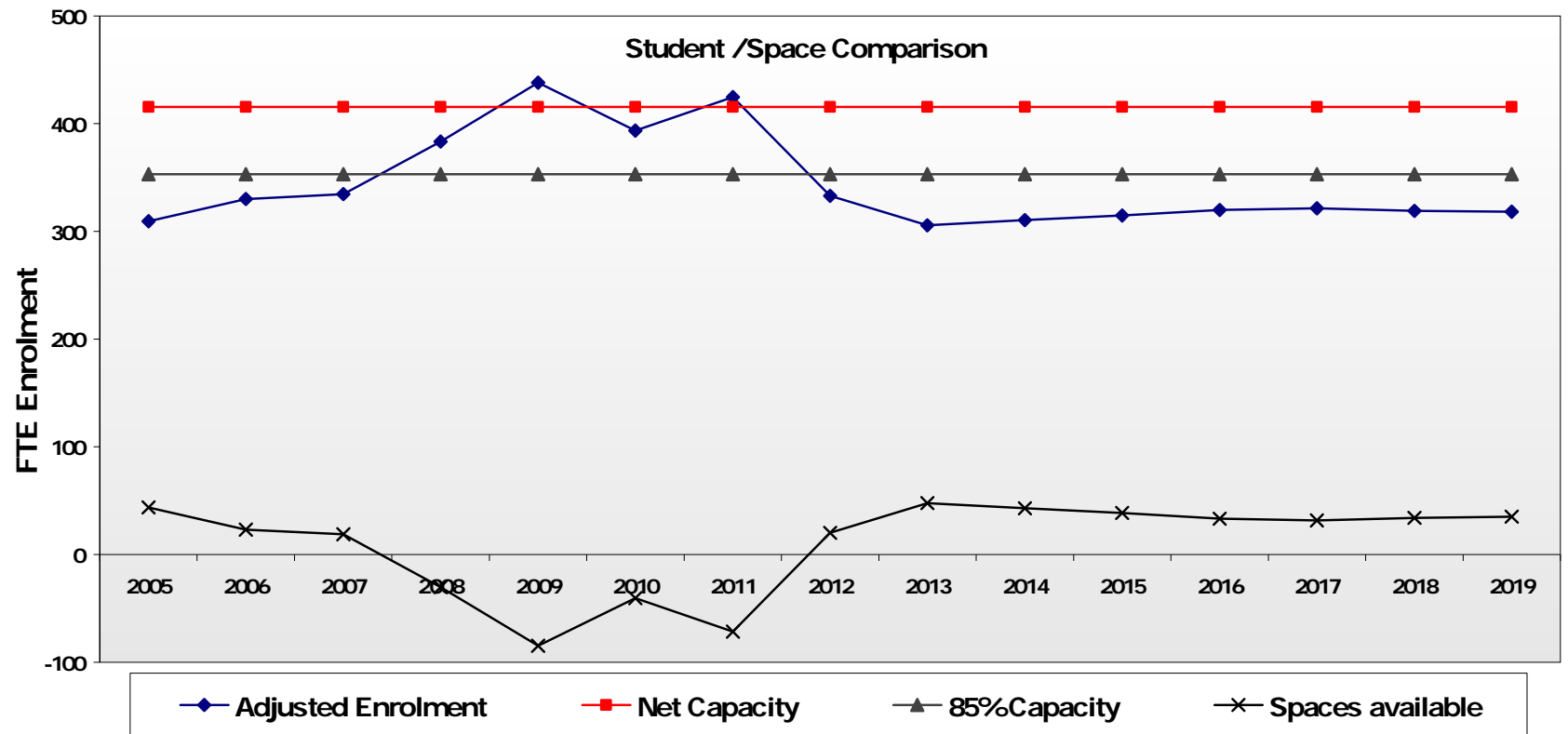
## Appendix E:

Millgrove Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	61	64	61	109	112	96	95	60	63	62	61	62	61	61	61
K (fte)	30.5	32.0	30.5	54.5	56.0	48.0	47.5	30.0	31.5	30.9	30.6	30.9	30.3	30.6	30.3
1	75	68	65	68	119	96	96	57	60	63	62	61	62	61	61
2	53	80	65	64	74	98	101	60	60	63	66	65	64	65	64
3	65	62	76	84	73	60	103	64	64	63	66	69	68	67	68
4	70	66	62	79	91	77	63	108	67	67	66	69	73	72	71
5															
6															
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)	294	308	299	350	413	379	410	319	282	286	291	296	297	295	294
# of Special Ed (Severe)	8	11	18	14	12	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	286	297	281	342	402	367	398	307	270	274	279	284	285	283	282
Student Allowance Factor	24	33	54	42	36	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	310	330	335	384	438	403	434	343	306	310	315	320	321	319	318
"Utilization Rate"	74.5%	79.4%	80.5%	92.3%	105.4%	96.9%	104.5%	82.6%	73.5%	74.7%	75.7%	77.0%	77.4%	76.8%	76.6%
Net Capacity	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416
85%Capacity	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353
%Change		7%	1%	15%	14%	-8%	8%	-21%	-11%	2%	1%	2%	0%	-1%	0%
Spaces available	44	23	19	-30	-85	-49	-81	10	48	43	39	33	32	34	35

Note: 2010 - Relocate rural K-3 Millgrove students residing north of highway 16 to Parkland Village.

2012 - Open new K - 4 school with +/- 25% students from Brookwood & +/- 40% students from Millgrove.

## Appendix E: Millgrove - Option 1



## Appendix E:

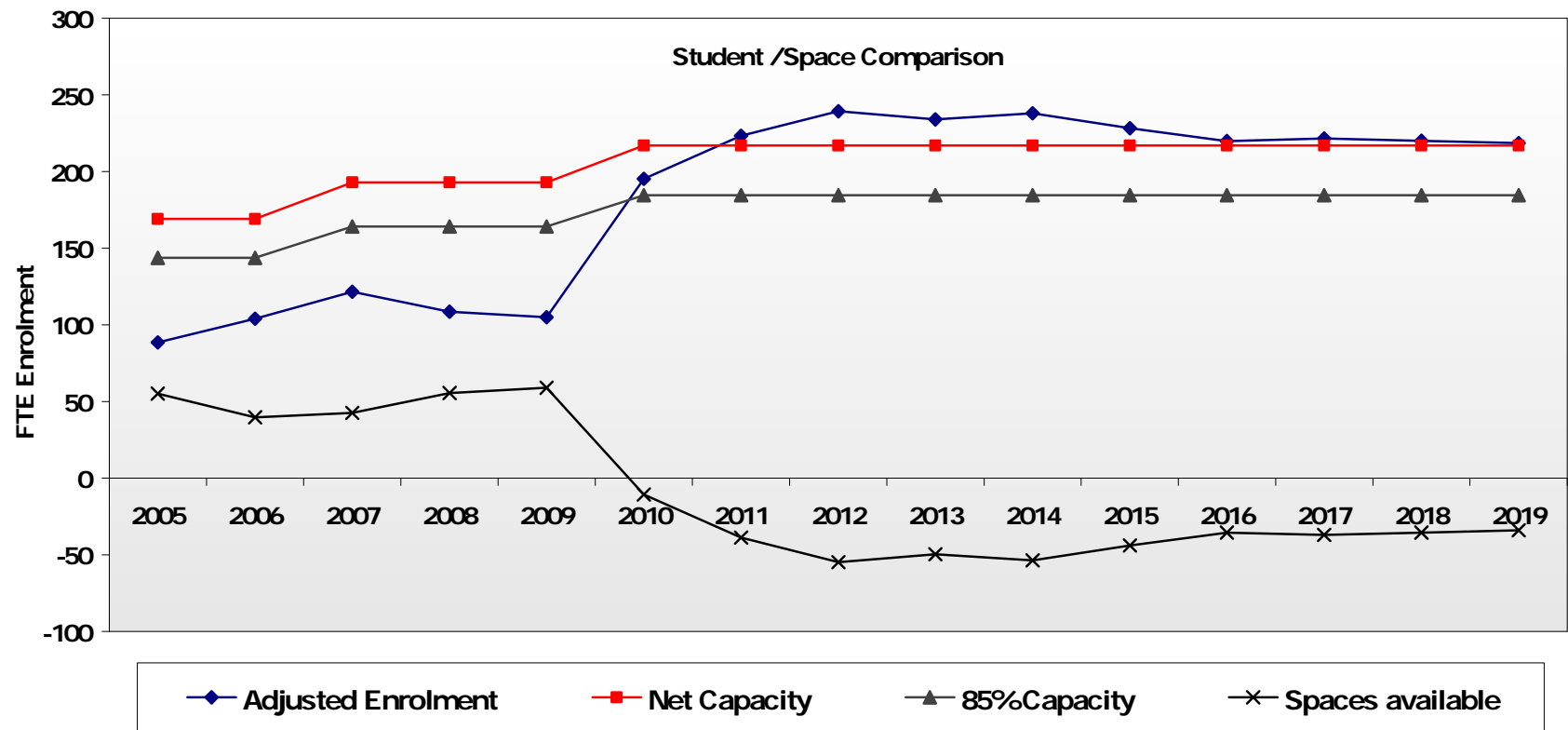
Parkland Village Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	19	34	35	19	22	49	48	39	41	40	41	40	41	38	39
K (fte)	9.5	17.0	17.5	9.5	11.0	24.5	24.0	19.5	20.5	20.0	20.5	20.0	20.5	19.0	19.5
1	23	16	27	17	19	39	51	50	41	43	42	43	42	43	40
2	23	18	12	24	19	41	40	53	52	42	44	43	44	43	44
3	17	22	19	10	26	34	42	42	55	54	44	46	45	46	45
4	12	19	22	20	8	26	34	42	42	55	54	44	46	45	46
5															
6															
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)	84.5	92.0	97.5	80.5	83.0	164	192	207	210	214	204	196	198	196	194
# of Special Ed (Severe)	2	6	12	14	11	12	12	12	12	12	12	12	12	12	12
Regular FTE Enrolment	82.5	86.0	85.5	66.5	72.0	152	180	195	198	202	192	184	186	184	182
Student Allowance Factor	6	18	36	42	33	36	36	36	36	36	36	36	36	36	36
Adjusted Enrolment	88.5	104.0	121.5	108.5	105.0	188	216	231	234	238	228	220	222	220	218
"Utilization Rate"	45.9%	53.9%	62.9%	56.2%	54.4%	86.6%	99.3%	106.4%	107.9%	109.6%	105.2%	101.3%	102.1%	101.4%	100.7%
Net Capacity	169	169	193	193	193	217	217	217	217	217	217	217	217	217	217
85% Capacity	144	144	164	164	164	184	184	184	184	184	184	184	184	184	184
% Change		18%	17%	-11%	-3%	59%	15%	7%	1%	2%	-4%	-4%	1%	-1%	-1%
Spaces available	55	40	43	56	59	-3	-31	-46	-50	-53	-44	-35	-37	-36	-34

Note: 2007: Two modular classrooms added.

2010 – Relocate rural K-3 Millgrove students residing north of highway 16 to Parkland Village. Add two modular classrooms from Graminia.

2012 - New K - 4 school opens. Boundaries will be re-evaluated with the opening of the new school.

## Appendix E: Parkland Village - Option 1

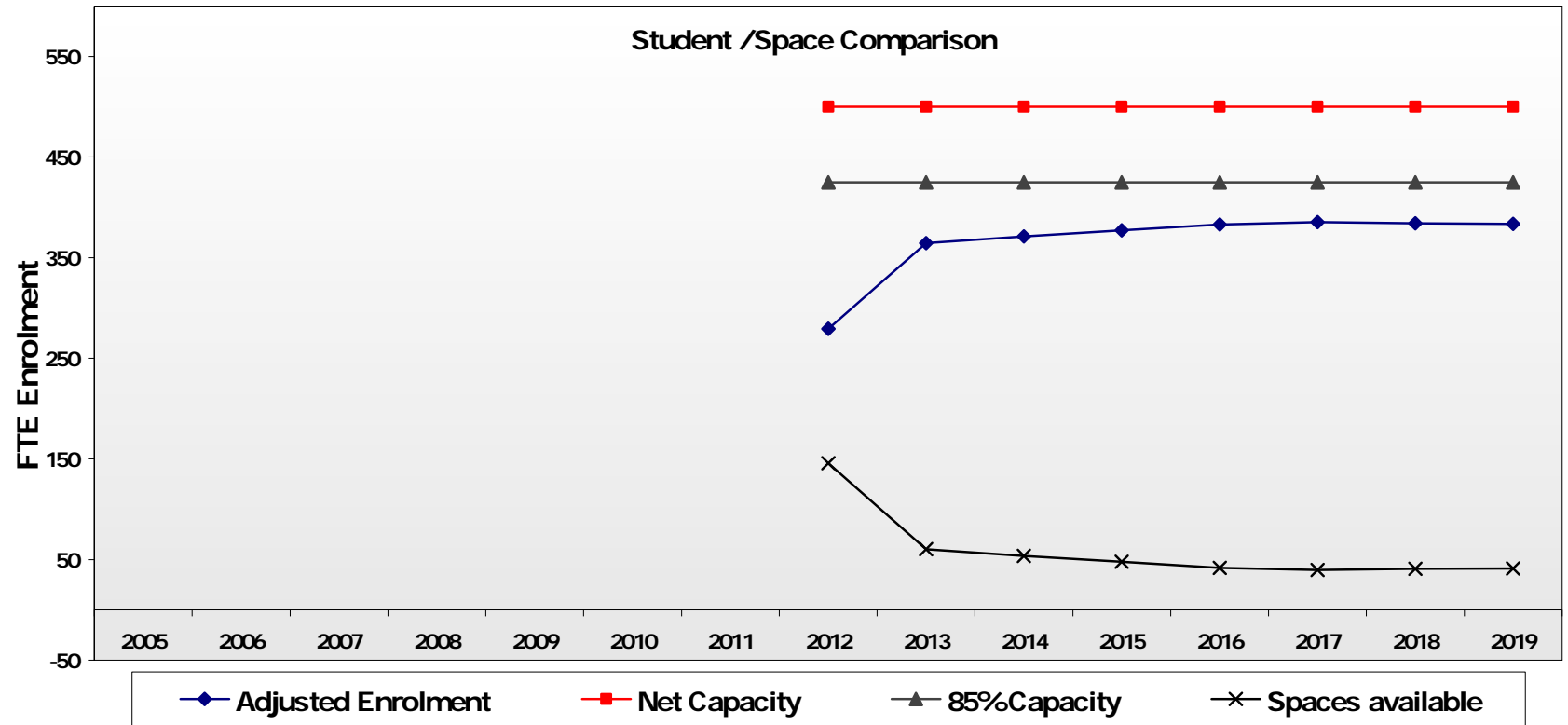


## Appendix E:

New Early Years School Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)								73	76	75	75	75	74	75	75
K (fte)								37	38	37	37	38	37	37	37
1								70	73	76	75	75	75	74	75
2								73	74	77	79	79	79	79	78
3								76	77	77	80	83	83	82	83
4									80	80	81	85	88	87	87
5															
6															
7															
8															
9															
10															
11															
12															
Total K - 12 (FTE)								255	341	347	353	359	361	360	360
#of Special Ed (Severe)								12	12	12	12	12	12	12	12
Regular FTE Enrolment								243	329	335	341	347	349	348	348
Student Allowance Factor								36	36	36	36	36	36	36	36
Adjusted Enrolment								279	365	371	377	383	385	384	384
"Utilization Rate"								55.9%	72.9%	74.2%	75.4%	76.6%	77.1%	76.8%	76.8%
Net Capacity								500	500	500	500	500	500	500	500
85%Capacity								425	425	425	425	425	425	425	425
%Change									31%	2%	2%	2%	1%	0%	0%
Spaces available								146	60	54	48	42	40	41	41

Note: 2012 - Open new 500 capacity K-4 school with +/- 25% students from Brookwood & +/- 40% students from Millgrove.

## Appendix E: New Early Years School Option 1



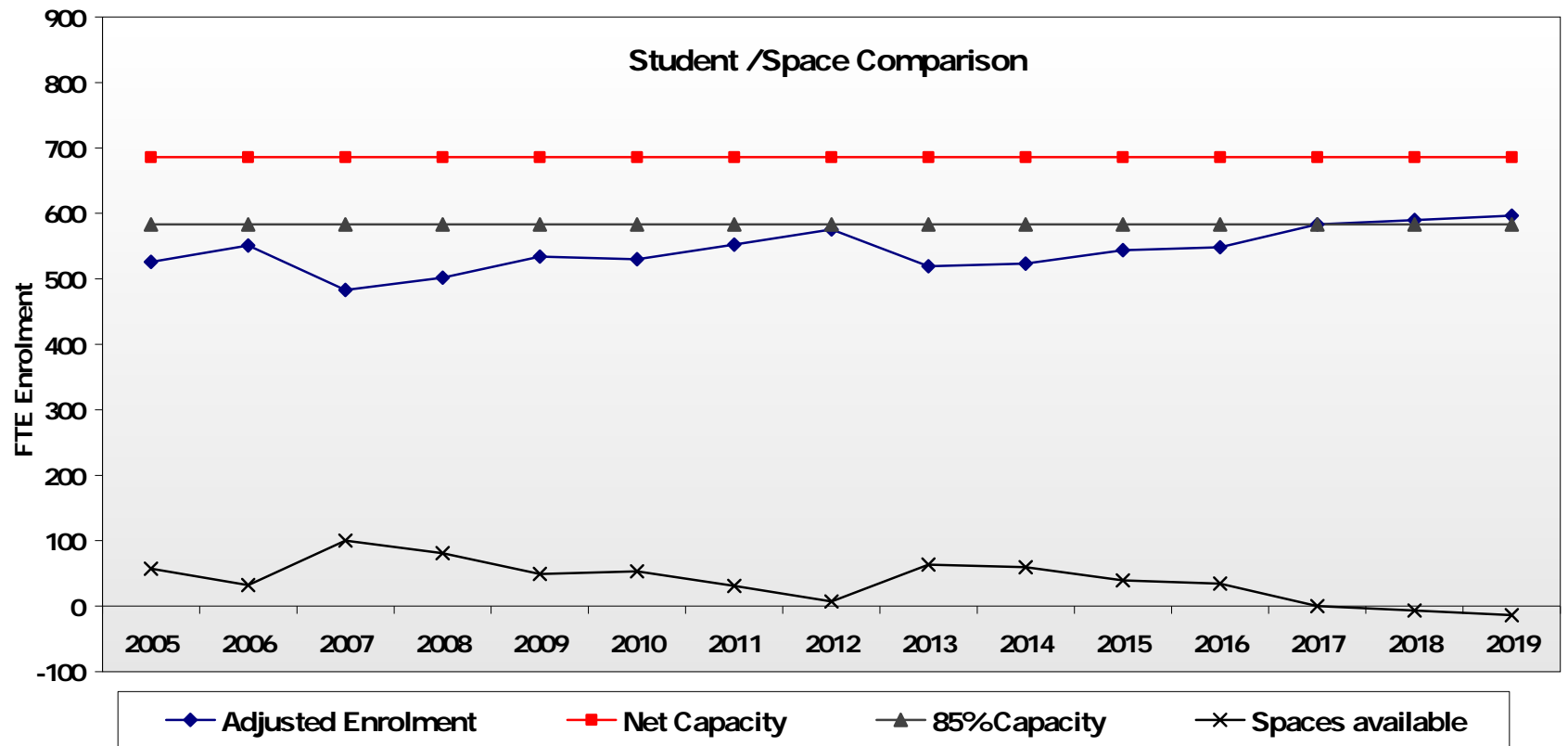
## Appendix E:

Greystone Centennial Middle Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5	109	92	59	80	94	102	117	92	101	100	100	98	103	107	106
6	103	115	89	70	95	99	107	122	78	106	105	105	103	108	113
7	98	107	107	98	82	100	104	112	103	81	111	110	110	108	113
8	97	105	105	116	108	86	105	109	94	108	85	116	115	115	114
9	103	116	107	110	121	113	90	110	114	99	113	90	122	121	121
10															
11															
12															
Total K - 12 (FTE)	510.0	535.0	467.0	474.0	500.0	500	522	546	489	493	514	519	553	560	567
#of Special Ed (Severe)	8	8	8	14	17	15	15	15	15	15	15	15	15	15	15
Regular FTE Enrolment	502.0	527.0	459.0	460.0	483.0	485	507	531	474	478	499	504	538	545	552
Student Allowance Factor	24	24	24	42	51	45	45	45	45	45	45	45	45	45	45
Adjusted Enrolment	526.0	551.0	483.0	502.0	534.0	530	552	576	519	523	544	549	583	590	597
"Utilization Rate"	76.7%	80.3%	70.4%	73.2%	77.8%	77.2%	80.5%	83.9%	75.7%	76.3%	79.3%	80.0%	85.0%	86.0%	87.0%
Net Capacity	686	686	686	686	686	686	686	686	686	686	686	686	686	686	686
85%Capacity	583	583	583	583	583	583	583	583	583	583	583	583	583	583	583
%Change		5%	-12%	4%	6%	-1%	4%	4%	-10%	1%	4%	1%	6%	1%	1%
Spaces available	57	32	100	81	49	53	31	7	64	60	39	35	0	-7	-14

Note: 2005 – School opens.

2013 - Open new 5 - 9 school with +/- 20% of Greystone Centennial Middle students and +/- 30% of Woodhaven Middle students.

## Appendix E: Greystone Centennial Middle - Option 1

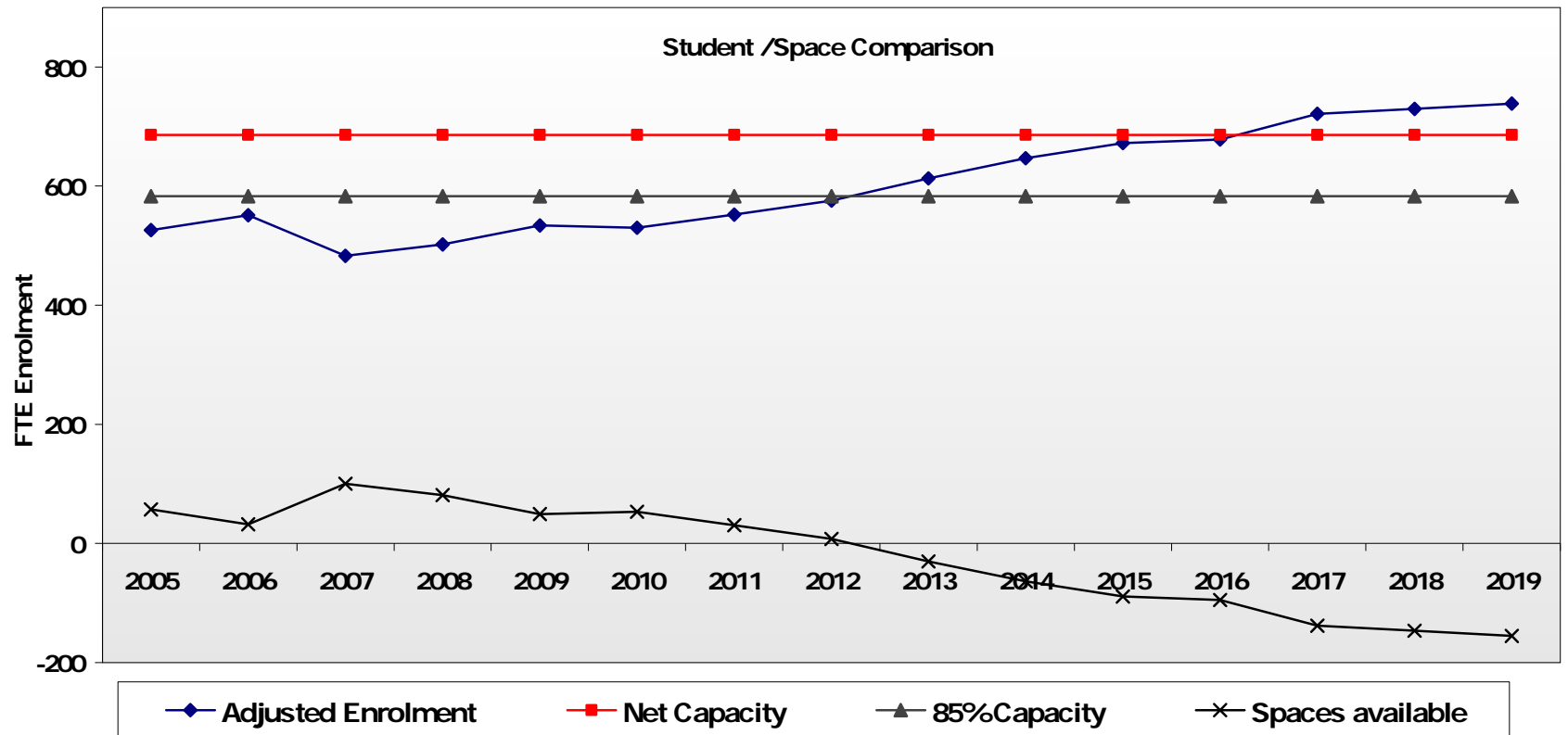


## Appendix E:

Woodhaven Middle Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5	79	89	92	93	110	107	94	93	106	100	99	98	103	106	105
6	86	83	84	101	95	112	109	96	66	108	102	101	100	105	109
7	103	95	82	97	102	97	114	111	68	68	111	104	103	102	107
8	137	112	97	100	101	104	99	117	79	70	69	113	106	105	104
9	164	144	110	113	111	103	106	101	119	81	71	70	115	108	108
10															
11															
12															
Total K - 12 (FTE)	569	523	465	504	519	523	522	517	439	427	452	487	528	528	533
#of Special Ed (Severe)	12	12	12	31	26	28	28	28	28	28	28	28	28	28	28
Regular FTE Enrolment	557	511	453	473	493	495	494	489	411	399	424	459	500	500	505
Student Allowance Factor	36	36	36	93	78	84	84	84	84	84	84	84	84	84	84
Adjusted Enrolment	593	547	489	566	571	579	578	573	495	483	508	543	584	584	589
"Utilization Rate"	92.9%	85.7%	76.6%	88.7%	89.5%	90.7%	90.6%	89.8%	77.6%	75.6%	79.6%	85.1%	91.5%	91.5%	92.3%
Net Capacity	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638
85%Capacity	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542
%Change		-8%	-11%	16%	1%	1%	0%	-1%	-14%	-3%	5%	7%	7%	0%	1%
Spaces available	-51	-5	53	-24	-29	-36	-36	-31	47	60	34	-1	-41	-41	-47

Note: 2013 - Open new 5 - 9 school with +/- 20% of Greystone Centennial Middle and +/- 30% of Woodhaven Middle students.

## Appendix E: Woodhaven Middle - Option 1

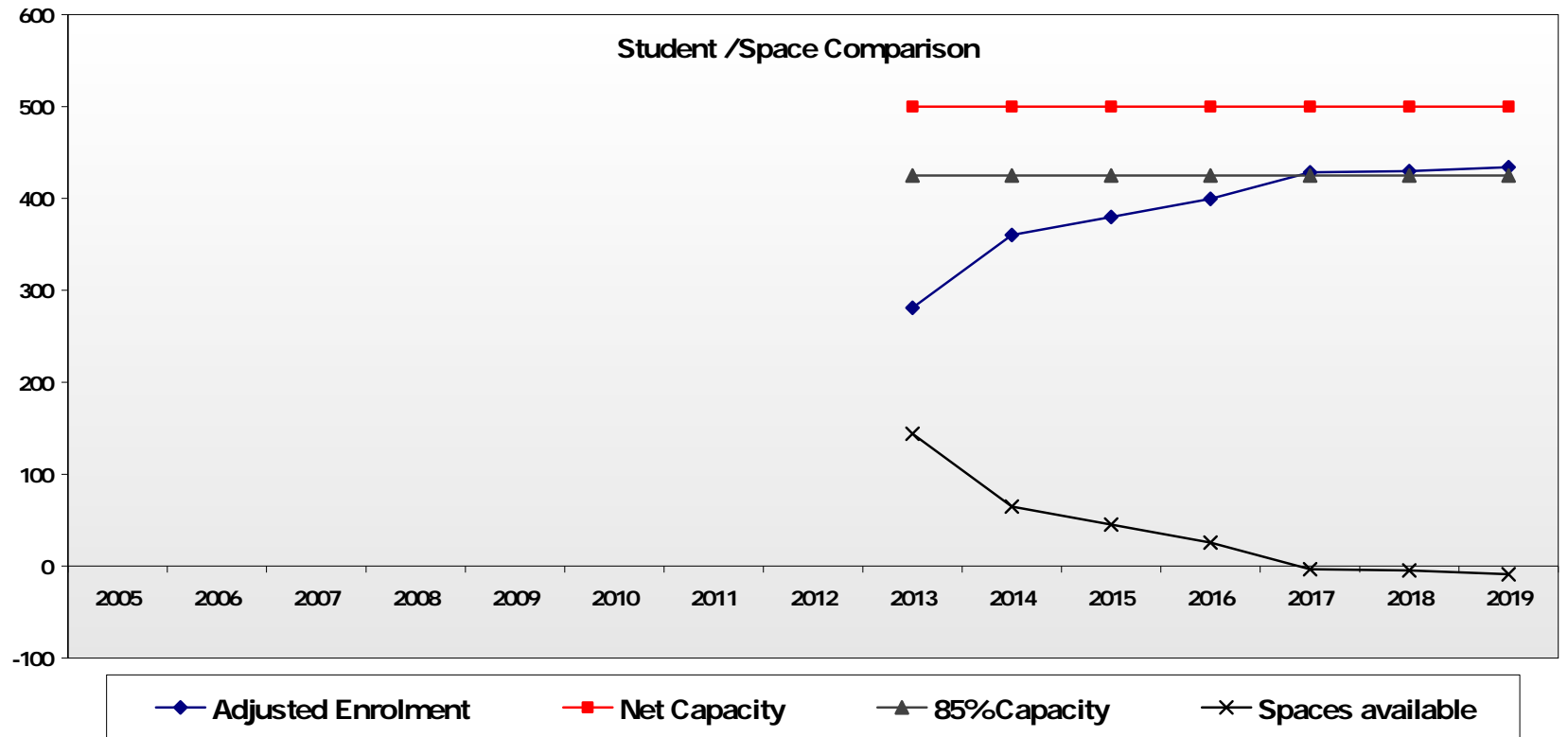


## Appendix E:

New Spruce Grove Middle Years School Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)															
K (fte)															
1															
2															
3															
4															
5									71	68	67	67	70	72	72
6									48	74	71	71	70	73	76
7									55	50	78	75	74	74	77
8									58	58	53	82	79	78	77
9										60	61	55	86	82	82
10															
11															
12															
Total K - 12 (FTE)									231	310	330	349	379	380	384
#of Special Ed (Severe)									25	25	25	25	25	25	25
Regular FTE Enrolment									206	285	305	324	354	355	359
Student Allowance Factor									75	75	75	75	75	75	75
Adjusted Enrolment									281	360	380	399	429	430	434
"Utilization Rate"									56.2%	72.1%	76.0%	79.9%	85.7%	86.0%	86.8%
Net Capacity									500	500	500	500	500	500	500
85%Capacity									425	425	425	425	425	425	425
%Change										28%	5%	5%	7%	0%	1%
Spaces available									144	65	45	26	-4	-5	-9

Note: 2013 - Open new 500 capacity grade 5 - 9 school.

## Appendix E: New Spruce Grove 5 – 9 School - Option 1

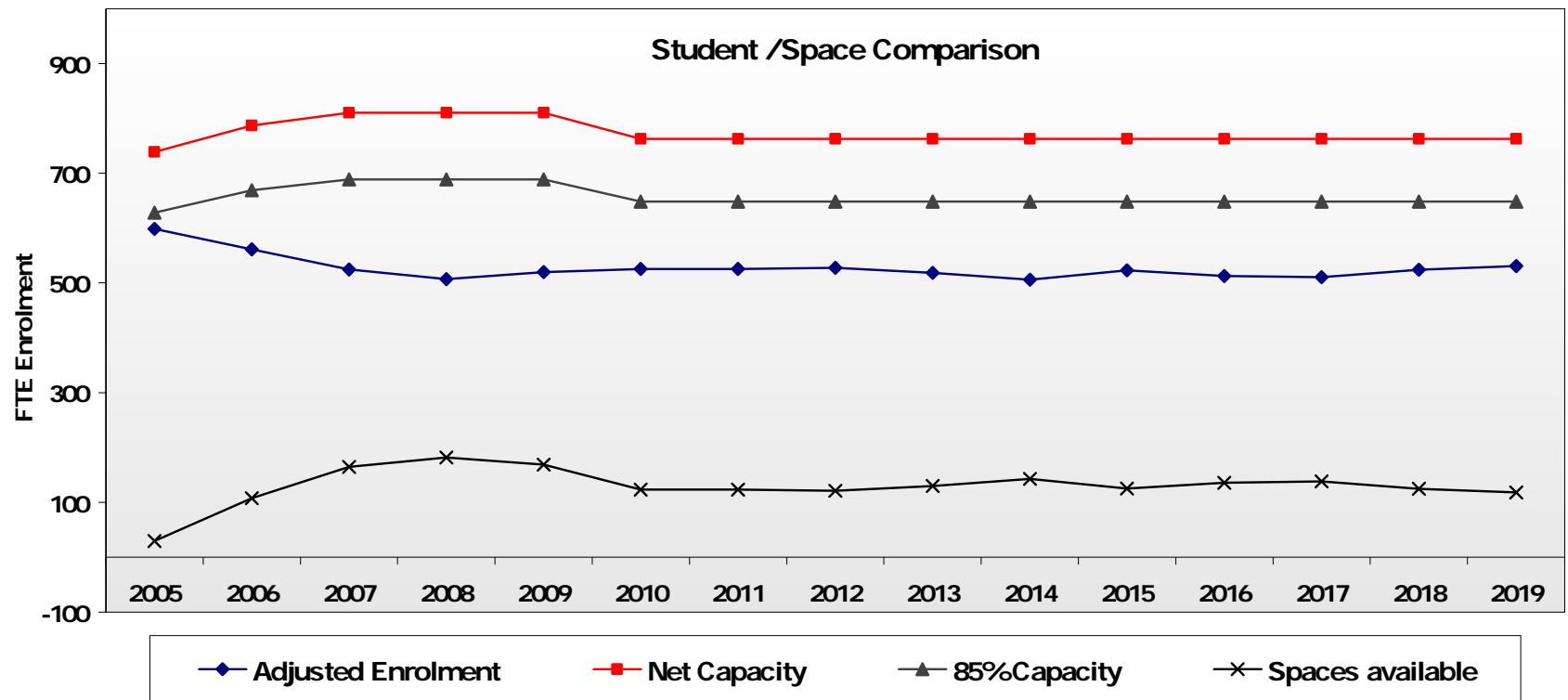


## Appendix E:

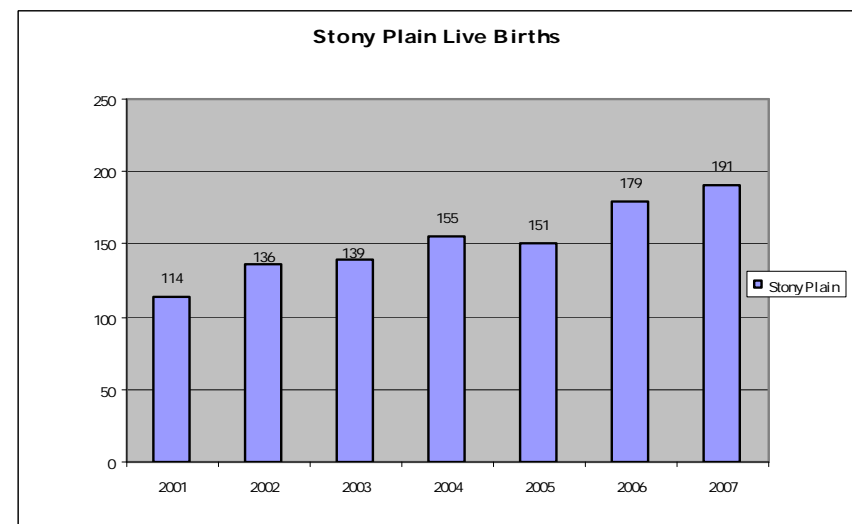
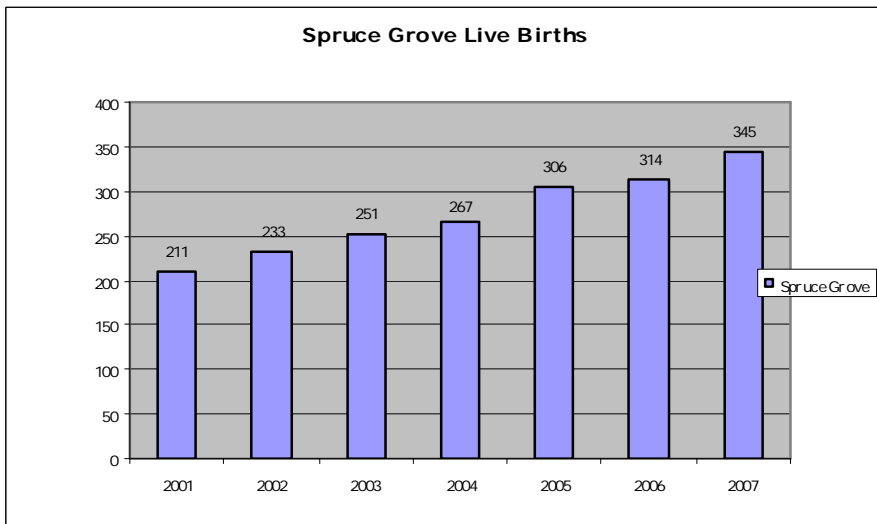
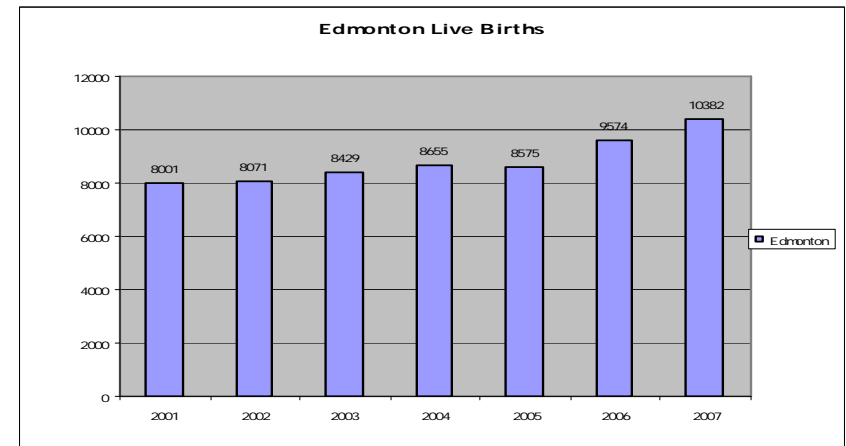
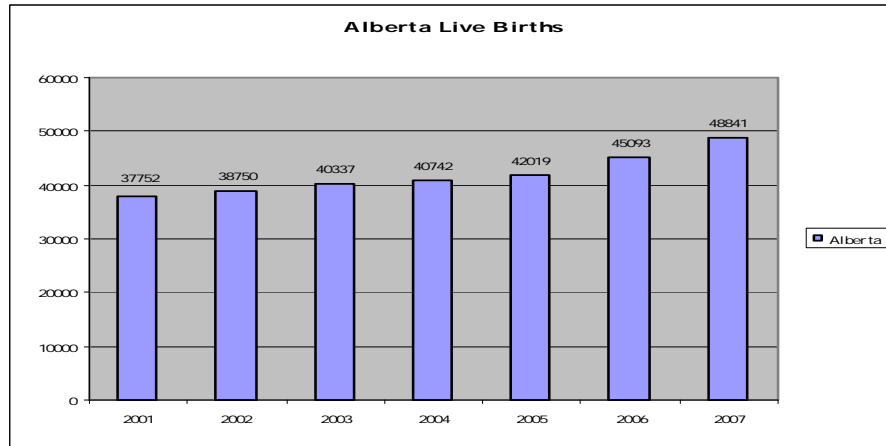
Graminia Option 1															
	5 YEAR HISTORICAL ENROLMENTS					10 YEAR PROJECTED ENROLMENTS									
GRADE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
K (actual)	27	49	39	34	38	39	38	42	44	43	42	43	44	43	42
K (fte)	13.5	24.5	19.5	17.0	19.0	19.5	19.0	21.0	22.0	21.5	21.0	21.5	22.0	21.5	21.0
1	56	29	50	41	35	39	40	39	43	45	44	43	44	45	44
2	51	60	31	51	47	37	41	42	41	45	48	46	45	46	48
3	57	57	56	32	55	50	39	44	45	44	48	50	49	48	49
4	61	53	57	54	38	58	53	42	46	47	46	51	53	52	51
5	63	59	53	59	64	40	62	56	44	49	50	49	54	57	55
6	63	63	55	54	65	68	43	66	59	47	52	53	52	57	60
7	63	60	64	57	57	69	72	45	69	63	50	55	56	55	61
8	76	61	58	63	61	60	73	76	48	74	67	53	58	60	58
9	75	77	59	61	63	65	64	77	81	51	78	71	56	62	63
10															
11															
12															
Total K - 12 (FTE)	579	544	503	489	504	506	505	508	499	486	503	493	490	504	511
#of Special Ed (Severe)	10	9	11	9	8	10	10	10	10	10	10	10	10	10	10
Regular FTE Enrolment	568.5	534.5	491.5	480.0	496.0	496	495	498	489	476	493	483	480	494	501
Student Allowance Factor	30	27	33	27	24	30	30	30	30	30	30	30	30	30	30
Adjusted Enrolment	598.5	561.5	524.5	507.0	520.0	526	525	528	519	506	523	513	510	524	531
"Utilization Rate"	81.0%	71.3%	64.7%	62.6%	64.2%	68.9%	68.9%	69.1%	68.0%	66.3%	68.6%	67.2%	66.9%	68.7%	69.5%
Net Capacity	739	787	811	811	811	763	763	763	763	763	763	763	763	763	763
85%Capacity	628	669	689	689	689	649	649	649	649	649	649	649	649	649	649
%Change		-12%	-9%	-3%	3%	7%	0%	0%	-2%	-2%	3%	-2%	0%	3%	1%
Spaces available	30	107	164	182	169	123	123	121	130	143	125	136	138	125	118

**Note: 2006 - Four modular classrooms added**  
**2007 - Two modular classrooms added**  
**2010 - Remove four modular classrooms (two to Parkland Village)**

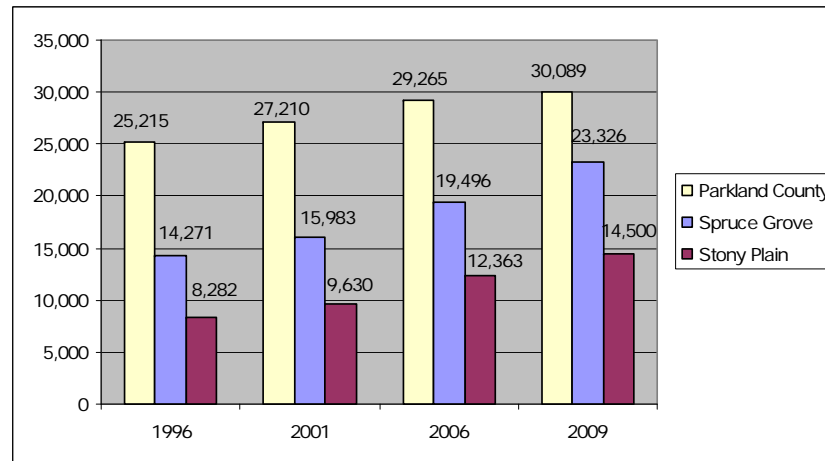
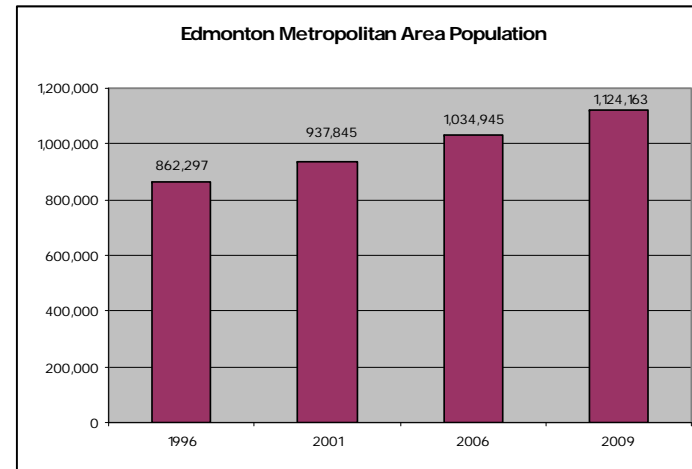
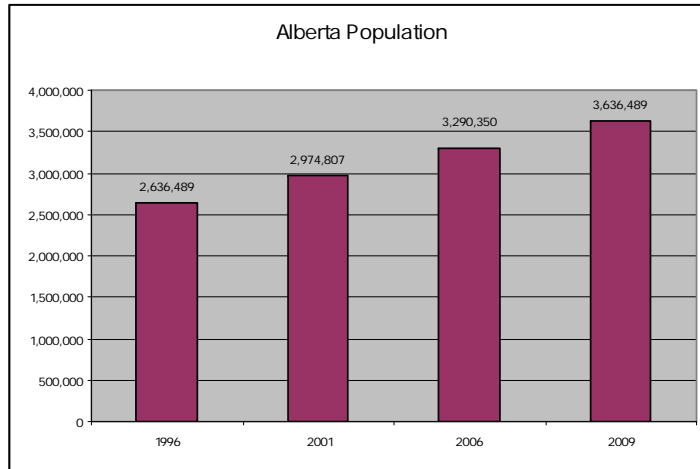
## Appendix E: Graminia - Option 1



## Appendix F: Live Births



## Appendix G: Historic Populations



## Appendix H: Designated School Analysis

### Blueberry

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	434				
			Greystone Centennial	1	
TOTAL			Duffield	2	34
September 30/09 Enrollments	494	60 More Students	Keephills	1	
Site Capacity	673		Stony Plain Central	21	13
Utilization %	73%		High Park	6	12
			Brookwood	1	
			École Meridian Heights	14	
			Woodhaven	1	1
			Millgrove	1	
			Forest Green	3	1
			Muir Lake	5	
			Wabamun	2	
			<b>Totals</b>	<b>58</b>	<b>61</b>

### Brookwood

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-4	438				
			Duffield		3
TOTAL			Stony Plain Central		3
September 30/09 Enrollments	493	55 More Students	High Park	1	2
Site Capacity	517		Parkland Village	1	8
Utilization %	93%		École Meridian Heights	1	
			Millgrove	24	38
			Muir Lake	6	
			Blueberry		1
			Forest Green	3	
			École Broxton Park	46	
			Graminia		3
			Wabamun	1	
			<b>Totals</b>	<b>83</b>	<b>58</b>

## Appendix H: Designated School Analysis

### École Broxton Park

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	433	3	Greystone Centennial		65
			Duffield		
TOTAL	433	3	Stony Plain Central		9
September 30/09 Enrollments	657	224 More Students	High Park		17
Site Capacity	1003		Parkland Village		5
Utilization %	79%		Brookwood		46
			École Meridian Heights		1
			Woodhaven		41
			Millgrove		38
			Muir Lake		5
			Blueberry		
			Forest Green		11
			École Broxton Park		
			Graminia		2
			<b>Totals</b>	0	240

### Duffield

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	295	1			
			Greystone Centennial	1	
TOTAL		1	Keephills	3	1
September 30/09 Enrollments	313	18 More Students	Seba Beach		3
Site Capacity	349		Stony Plain Central	19	2
Utilization %	81%		High Park	1	2
			Wabamun	2	3
			Tomahawk		2
			Brookwood	3	
			École Meridian Heights	5	1
			Forest Green	1	
			Muir Lake	2	
			Blueberry	34	2
			Woodhaven		2
			<b>Totals</b>	71	18

## Appendix H: Designated School Analysis

### Entwistle

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	142	2	Seba Beach		2
			Tomahawk	2	
TOTAL	142	2	High Park		
September 30/09 Enrollments	150	8 More Students	Parkland Village		
Site Capacity	244		Agreement	2	
Utilization %	68%		Totals	2	2

### Forest Green

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-6	200	1			
			Duffield		1
TOTAL	237	1	Stony Plain Central	18	11
September 30/09 Enrollments	237	37 More Students	High Park	26	4
Site Capacity	308		École Meridian Heights	14	7
Utilization %	80%		Woodhaven	1	
			Millgrove	1	
			Parkland Village	1	
			Muir Lake	2	4
			Blueberry	1	3
			Brookwood		3
			École Broxton Park	11	
			Millgrove		3
			Woodhaven	1	
			Wabamun	1	
			Totals	77	36

## Appendix H: Designated School Analysis

### Graminia

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	492				
			Greystone Centennial		3
TOTAL	492		High Park	1	
September 30/09 Enrollments	523	31 More Students	Brookwood	3	
Site Capacity	811		Stony Plain Central		2
Utilization %	63%		Muir Lake	3	
			École Broxton Park	2	
			Agreement	49	31
			<b>Totals</b>	58	36

### Greystone Centennial

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
5-9	429				
			Duffield		1
TOTAL	429		Stony Plain Central	3	2
September 30/09 Enrollments	500	71 More Students	High Park	2	2
Site Capacity	686		École Meridian Heights	4	
Utilization %	73%		Woodhaven	90	62
			Forest Green		1
			Muir Lake	2	
			Blueberry		1
			École Broxton Park	65	
			Graminia	3	
			Agreement	1	
			<b>Totals</b>	170	69

## Appendix H: Designated School Analysis

### High Park

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	326	2			
			Greystone Centennial	2	2
TOTAL	326	2	Duffield	2	1
September 30/09 Enrollments	419	93 More Students	Stony Plain Central	29	47
Site Capacity	478		Keephills		2
Utilization %	78%		Parkland Village		1
			Brookwood	2	1
			École Meridian Heights	16	5
			Woodhaven	6	5
			Millgrove	4	
			Forest Green	4	26
			Muir Lake	12	2
			Blueberry	12	6
			École Broxton Park	17	
			Graminia		1
			Totals	106	99

### Keephills

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-6	60		Duffield	1	3
			Stony Plain Central	3	2
TOTAL	60		High Park	2	
September 30/09 Enrollments	66	6 More Students	Tomahawk		1
Site Capacity	193		Muir Lake	2	
Utilization %	37%		Blueberry		1
			Wabamun		1
			Totals	8	8

## Appendix H: Designated School Analysis

### Memorial Composite High School

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
10-12	1066	6			
			Spruce Grove Composite High School	113	24
TOTAL	1066	6			
September 30/09 Enrollments	1105	39 More Students			
Site Capacity	1245				
Utilization %	96%		Agreement	27	
			Total	113	24

### Memorial Composite High School Outreach

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
10-12	86				
TOTAL	86				
September 30/09 Enrollments	91	5 More Students			
Site Capacity	125		SGCHS Outreach	6	5
Utilization %	100%		Total	6	5

## Appendix H: Designated School Analysis

### École Meridian Heights

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	555	7	Greystone Centennial		4
			Duffield	1	5
TOTAL	555	7	Stony Plain Central	14	35
September 30/09 Enrollments	662	107 More Students	High Park	5	16
Site Capacity	804		Parkland Village	1	
Utilization %	89%		Brockwood		1
			Woodhaven	1	3
			Millgrove		2
			Forest Green	7	14
			Muir Lake		5
			Blueberry		14
			École Broxton Park	1	
			<b>Totals</b>	30	99

### Millgrove

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-4	434	2	Stony Plain Central	3	2
			High Park		4
TOTAL	434	2	Parkland Village	9	
September 30/09 Enrollments	469	35 More Students	Brookwood	38	24
Site Capacity	416		École Meridian Heights	2	
Utilization %	90%		Forest Green	3	1
			Muir Lake	12	2
			Blueberry		1
			École Broxton Park	38	
			<b>Totals</b>	105	34

## Appendix H: Designated School Analysis

### Muir Lake

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	437	1	Greystone Centennial		2
			Duffield		2
TOTAL	437	1	Keephills		2
September 30/09 Enrollments	531	94 More Students	Seba Beach		2
Site Capacity	527		Stony Plain Central	8	6
Utilization %	98%		High Park	2	12
			Brookwood		7
			École Meridian Heights	5	
			Woodhaven	7	5
			Millgrove	2	12
			Forest Green	4	2
			Blueberry		5
			École Broxton Park	5	
			Graminia		3
			Totals	33	60

### Parkland Village

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-4	88		Brookwood	8	1
			École Meridian Heights		1
TOTAL	88		Millgrove		9
September 30/09 Enrollments	96	8 More Students	Forest Green		1
Site Capacity	193		High Park	1	
Utilization %	55%		École Broxton Park	5	
			Totals	14	12

## Appendix H: Designated School Analysis

### Seba Beach

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	60	1	Duffield	3	
			Stony Plain Central	1	
TOTAL	60	1	Tomahawk		8
September 30/09 Enrollments	148	88 More Students	Entwistle	2	
Site Capacity	378		Muir Lake	2	
Utilization %	41%		Wabamun	2	
			<b>Totals</b>	10	8

### Spruce Grove Composite High School

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
10-12	924	2	Memorial Composite High School	4	113
TOTAL	924	2			
September 30/09 Enrollments	1051	127 More Students			
Site Capacity	1260		Agreement	64	2
Utilization %	83%		<b>Totals</b>	4	113

## Appendix H: Designated School Analysis

### Spruce Grove Composite High School Outreach

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
10-12	90		Memorial Composite High School	5	6
TOTAL	90				
September 30/09 Enrollments	92	2 More Students			
Site Capacity	75		Totals	5	6

### Stony Plain Central

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	365		Greystone Centennial	2	3
			Duffield	2	19
TOTAL	365		Keephills	2	3
September 30/09 Enrollments	487	122 More Students	Seba Beach		1
Site Capacity	596		High Park	47	30
Utilization %	81%		Brookwood	3	
			Wabamun		4
			École Meridian Heights	35	14
			Woodhaven	4	7
			Millgrove	2	3
			Forest Green	11	18
			Muir Lake	6	8
			Blueberry	13	21
			École Broxton Park	9	
			Graminia	2	
			Totals	138	131

## Appendix H: Designated School Analysis

### Tomahawk

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	81	7	Entwistle		2
			Duffield	2	
TOTAL	81	7	Keephills	1	
September 30/09 Enrollments	112	31 More Students	Seba Beach	8	
Site Capacity	200		Agreement	6	26
Utilization %	70%		Totals	17	2

### Wabamun

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
0-9	87		Duffield	3	2
			Stony Plain Central	4	1
TOTAL	87		Keephills	1	
September 30/09 Enrollments	99	12 More Students	Seba Beach		2
Site Capacity	165		Brookwood		1
Utilization %	66%		Woodhaven		1
			Forest Green		1
			Blueberry		
			Totals	8	3

## Appendix H: Designated School Analysis

### Woodhaven

Grades	In Boundary - Designated School	Non PSD Residence	Attending School	Cross Boundary Leaving	Cross Boundary Coming
5-9	405	1	Greystone Centennial	62	90
			Stony Plain Central	7	4
TOTAL	405	1	High Park	5	6
September 30/09 Enrollments	519	114 More Students	Duffield	2	
Site Capacity	638		École Meridian Heights	3	1
Utilization %	89%		Forest Green		1
			Muir Lake	5	7
			Blueberry		1
			École Broxton Park	41	
			Wabamun	1	
			Totals	126	110



# Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: PARKLAND SCHOOL DIVISION NO. 70 (2305)

Facility Name	Facility Location	Grades Offered	Cnst. Type	Year	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS	Gr. 1-12	Sp. Ed. Severe Enrl. Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
Regular Facilities BLUEBERRY COMMUNITY SCHOOL (1098)	STONY PLAIN	K-IX	P	1980	1,155.6														
			M	1981	2,371.3														
			M	1981	25.9														
			P	1990	84.2														
			M	1992	750.0														
			M	1996	1,432.9														
			F	1997	25.4														
					<b>5,845.30</b>	<b>0.0</b>	<b>8.69</b>	<b>0</b>	<b>5,845.30</b>	<b>673</b>	<b>0.0</b>	<b>5,845.30</b>	<b>673</b>	<b>27</b>	<b>433</b>	<b>17</b>	<b>51</b>	<b>494</b>	<b>73%</b>
BROOKWOOD ELEMENTARY SCHOOL (1091)	SPRUCE GROVE	K-IV	M	1972	3,232.9														
			M	1974	890.0														
					<b>4,122.9</b>	<b>0.0</b>	<b>7.98</b>	<b>0</b>	<b>4,122.9</b>	<b>517</b>	<b>0.0</b>	<b>4,122.9</b>	<b>517</b>	<b>63</b>	<b>389</b>	<b>15</b>	<b>45</b>	<b>482</b>	<b>93%</b>
BROXTON PARK SCHOOL (1099)		K-IX	M	1969	3,441.2														
			M	1970	1,426.0														
			M	1971	2,836.4														
			P	1985	451.6														
			M	1986	184.2														
			P	1989	238.0														
					<b>8,577.4</b>	<b>584.4</b>	<b>8.30</b>	<b>40</b>	<b>7,993.0</b>	<b>1,003</b>	<b>0.0</b>	<b>7,993.0</b>	<b>1,003</b>	<b>68</b>	<b>491</b>	<b>117</b>	<b>351</b>	<b>793</b>	<b>79%</b>

## Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: **PARKLAND SCHOOL DIVISION NO. 70 (2305)**

Facility Name	Facility Location	Grades Offered	Cnst. Type	Year	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS Gr. 1-12	Sp. Ed. Severe Enrl. Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
Regular Facilities DUFFIELD SCHOOL (1077)	DUFFIELD	K-IX	F	1954	240.5													
			F	1963	738.9													
			P	1975	267.8													
			P	1976	267.8													
			F	1980	1,076.9													
			F	1982	89.5													
			M	1988	543.5													
			P	2005	111.5													
					<b>3,336.4</b>	<b>0.0</b>	<b>9.55</b>	<b>0</b>	<b>3,336.4</b>	<b>349</b>	<b>0.0</b>	<b>3,336.4</b>	<b>349</b>	<b>9</b>	<b>271</b>	<b>2</b>	<b>284</b>	<b>81%</b>
ENTWISTLE SCHOOL (1078)	ENTWISTLE	K-IX	F	1956	427.7													
			F	1958	420.4													
			F	1961	380.1													
			F	1966	634.0													
			P	1978	152.4													
			F	1982	200.0													
			F	1983	30.2													
FOREST GREEN SCHOOL (1096)	STONY PLAIN	K-VI	P	2007	200.7													
					<b>2,445.3</b>	<b>0.0</b>	<b>10.02</b>	<b>0</b>	<b>2,445.3</b>	<b>244</b>	<b>0.0</b>	<b>2,445.3</b>	<b>244</b>	<b>4</b>	<b>149</b>	<b>6</b>	<b>165</b>	<b>68%</b>
			M	1980	2,138.6													
			M	2004	447.9													
					<b>2,586.5</b>	<b>0.0</b>	<b>8.39</b>	<b>0</b>	<b>2,586.5</b>	<b>308</b>	<b>0.0</b>	<b>2,586.5</b>	<b>308</b>	<b>19</b>	<b>191</b>	<b>18</b>	<b>246</b>	<b>80%</b>

# Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: PARKLAND SCHOOL DIVISION NO. 70 (2305)

Facility Name	Facility Location	Grades Offered	Cnst. Type	Year	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS	Gr. 1-12	Sp. Ed. Severe Enrl. Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
<b>Regular Facilities</b>																			
GRAMINIA SCHOOL (1100)	SPRUCE GROVE	K-IX	M	1982	3,622.7														
			P	1992	100.0														
			P	1993	277.7														
			M	1996	1,530.7														
			M	2003	89.5														
			F	2003	30.5														
			P	2006	802.6														
GREYSTONE CENTENNIAL MIDDLE SCHOOL (4447)		V-IX	M	2005	6,097.8	400.0	8.21	0	6,654.3	811	0.0	6,654.3	811	17	472	9	27	507	63%
					6,097.8		8.82	40	5,697.8	686	0.0	5,697.8	686	0	473	15	45	503	73%
HIGH PARK SCHOOL (1084)	STONY PLAIN	K-IX	M	1992	4,200.0														
					4,200.0	0.0	8.79	0	4,200.0	478	0.0	4,200.0	478	14	359	0	0	373	78%
KEEPHILLS ELEMENTARY SCHOOL (1079)	DUFFIELD	K-VI	P	1981	65.8														
			M	1981	1,493.3														
			P	1981	160.0														
			P	1984	81.0														
					1,800.1	0.0	9.35	0	1,800.1	193	0.0	1,800.1	193	3	66	1	3	71	37%

# Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: PARKLAND SCHOOL DIVISION NO. 70 (2305)

Facility Name	Facility Location	Grades Offered	Cnst. Type	Year	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	----- FTE Enrol. ----- ECS Gr. 1-12	Sp. Ed. Severe Enrl. Allowance	Adjusted Total Enrol.	Utiliz. %	
Regular Facilities	MEMORIAL COMPOSITE HIGH SCHOOL (1082)	X-XII	M	1962	2,457.2													
			M	1963	1,551.4													
			M	1966	2,830.7													
			M	1981	4,893.8													
			P	1992	423.4													
					12,156.5	2,515.3	9.41	220	9,641.2	1,245	0.0	9,641.2	1,245	0	1,126	34	1,194	96%
MERIDIAN HEIGHTS SCHOOL (1092)		K-IX	F	1973	96.5													
			M	1974	3,131.6													
			P	1975	557.9													
			P	1978	200.0													
			P	1988	109.2													
			F	1988	77.0													
			P	1989	99.5													
			P	1993	277.6													
			M	1997	2,049.2													
					6,598.4	0.0	8.21	0	6,598.4	804	0.0	6,598.4	804	31	669	8	716	89%
MILLGROVE SCHOOL (1095)	SPRUCE GROVE	K-IV	P	1975	724.1													
			M	1976	2,787.0													
					3,511.1	0.0	8.45	0	3,511.1	416	0.0	3,511.1	416	55	295	12	374	90%

# Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: PARKLAND SCHOOL DIVISION NO. 70 (2305)

Facility Name	Facility Location	Grades Offered	Cnst. Type	Year	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS Gr. 1-12	Sp. Ed. Severe Enrl. Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
Regular Facilities MUIR LAKE COMMUNITY SCHOOL (1097)	STONY PLAIN	K-IX	P	1980	397.0													
			F	1980	1,660.4													
			F	1983	30.7													
			P	1990	109.2													
			P	1992	218.4													
			F	1999	1,275.0													
			F	2001	662.9													
			P	2008	111.5													
					<b>4,465.0</b>	<b>0.0</b>	<b>8.47</b>	<b>0</b>	<b>4,465.0</b>	<b>527</b>	<b>0.0</b>	<b>4,465.0</b>	<b>527</b>	<b>15</b>	<b>488</b>	<b>7</b>	<b>517</b>	<b>98%</b>
PARKLAND VILLAGE SCHOOL (1089)	SPRUCE GROVE	K-IV	F	1982	18.0													
			M	1982	1,281.1													
			P	1992	70.3													
			P	1993	135.7													
			F	2003	99.0													
			P	2007	200.7													
					<b>1,804.7</b>	<b>0.0</b>	<b>9.35</b>	<b>0</b>	<b>1,804.7</b>	<b>193</b>	<b>0.0</b>	<b>1,804.7</b>	<b>193</b>	<b>10</b>	<b>71</b>	<b>13</b>	<b>107</b>	<b>55%</b>
SEBA BEACH SCHOOL (1080)	SEBA BEACH	K-IX	F	1953	808.2													
			F	1957	1,551.4													
			F	1963	501.7													
			P	1977	90.6													
			F	1980	58.9													
			F	1983	123.7													
			M	1984	361.6													
			P	1991	108.4													
					<b>3,604.5</b>	<b>400.6</b>	<b>9.47</b>	<b>40</b>	<b>3,203.9</b>	<b>378</b>	<b>0.0</b>	<b>3,203.9</b>	<b>378</b>	<b>4</b>	<b>153</b>	<b>0</b>	<b>157</b>	<b>41%</b>

## Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: **PARKLAND SCHOOL DIVISION NO. 70 (2305)**

Facility Name	Facility Location	Grades Offered	Cnst. Type	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS	Gr. 1-12	Sp. Ed. Severe Enrl. Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
<b>Regular Facilities</b>																		
SPRUCE GROVE COMPOSITE HIGH SCHOOL (1081)	SPRUCE GROVE	X-XII	M	1980	11,648.0													
			P	1990	219.1													
					<b>11,867.1</b>	<b>2,141.7</b>	<b>8.84</b>	<b>160</b>	<b>1,260</b>	<b>0.0</b>	<b>9,725.4</b>	<b>1,260</b>	<b>0</b>	<b>1,003</b>	<b>22</b>	<b>66</b>	<b>1,047</b>	<b>83%</b>
STONY PLAIN CENTRAL SCHOOL (1083)	STONY PLAIN	K-IX	M	1971	3,290.3													
			M	1977	733.9													
			M	1982	457.0													
			P	1988	216.4													
			P	1989	99.5													
			P	2007	222.96													
					<b>5,020.10</b>	<b>385.5</b>	<b>8.33</b>	<b>40</b>	<b>596</b>	<b>0.0</b>	<b>4,634.60</b>	<b>596</b>	<b>8</b>	<b>453</b>	<b>11</b>	<b>33</b>	<b>483</b>	<b>81%</b>
TOMAHAWK SCHOOL (1087)	TOMAHAWK	K-IX	F	1947	314.2													
			F	1954	396.1													
			F	1958	625.3													
			F	1963	484.5													
			P	1978	215.6													
			M	1982	50.0													
			F	2001	23.3													
					<b>2,109.0</b>	<b>0.0</b>	<b>10.57</b>	<b>0</b>	<b>200</b>	<b>0.0</b>	<b>2,109.0</b>	<b>200</b>	<b>7</b>	<b>118</b>	<b>7</b>	<b>21</b>	<b>139</b>	<b>70%</b>
WABAMUN SCHOOL(1085)	WABAMUN	K-IX	F	1955	501.8													
			M	1965	544.5													
			M	1978	466.5													
			M	1987	235.0													
					<b>1,747.8</b>	<b>0.0</b>	<b>10.57</b>	<b>0</b>	<b>165</b>	<b>0.0</b>	<b>1,747.8</b>	<b>165</b>	<b>7</b>	<b>92</b>	<b>5</b>	<b>15</b>	<b>109</b>	<b>66%</b>

## Area Capacity and Utilization Report

2008/2009 School Year

Jurisdiction: **PARKLAND SCHOOL DIVISION NO. 70 (2305)**

Facility Name	Facility Location	Grades Offered	Cnst. Type	Year	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS Gr. 1-12	Sp. Ed. Severe Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
<b>Regular Facilities</b>																		
WOODHAVEN JUNIOR HIGH SCHOOL (1093)	SPRUCE GROVE	V-IX	M	1975	3,284.6													
			P	1975	645.3													
			P	1980	439.4													
			P	1986	187.0													
			P	1988	193.8													
			M	1997	771.4													
					<b>5,521.6</b>	<b>390.2</b>	<b>8.58</b>	<b>40</b>	<b>5,131.4</b>	<b>638</b>	<b>0.0</b>	<b>5,131.4</b>	<b>638</b>	<b>0</b>	<b>504</b>	<b>32</b>	<b>96</b>	<b>89%</b>
<b>Regular Facilities Total</b>					<b>104,126.7</b>	<b>6,817.7</b>		<b>580</b>	<b>97,309.0</b>	<b>11,689</b>	<b>0.0</b>	<b>97,309.0</b>	<b>11,689</b>	<b>361</b>	<b>8,266</b>	<b>351</b>	<b>1,053</b>	<b>80%</b>
<b>Outreach School Facilities</b>																		
MEMORIAL COMPOSITE HIGH SCHOOL OUTREACH (1103)	STONY PLAIN	X-XII	F	1999	530.0													
					<b>530.0</b>	<b>0.0</b>	<b>4.24</b>	<b>0</b>	<b>530.0</b>	<b>125</b>	<b>0.0</b>	<b>530.0</b>	<b>125</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>100%</b>
OUTREACH PROGRAM BOARD LEASE SPACE FROM PRIVATE SECTOR																		
SPRUCE GROVE COMPOSITE HIGH SCHOOL OUTREACH (1102)	SPRUCE GROVE	X-XII	F	1999	386.0													
					<b>386.0</b>	<b>0.0</b>	<b>5.15</b>	<b>0</b>	<b>386.0</b>	<b>75</b>	<b>0.0</b>	<b>386.0</b>	<b>75</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>100%</b>
OUTREACH PROGRAM BOARD LEASE SPACE FROM PRIVATE SECTOR																		
<b>Outreach School Facilities Total</b>					<b>916.0</b>	<b>0.0</b>		<b>0</b>	<b>916.0</b>	<b>200</b>	<b>0.0</b>	<b>916.0</b>	<b>200</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>100%</b>
<b>PARKLAND SCHOOL DIVISION NO. 70 Total</b>					<b>105,042.7</b>	<b>6,817.7</b>		<b>580</b>	<b>98,225.0</b>	<b>11,889</b>	<b>0.0</b>	<b>98,225.0</b>	<b>11,889</b>	<b>361</b>	<b>8,466</b>	<b>351</b>	<b>1,053</b>	<b>80%</b>

# Area Capacity and Utilization Report

**2008/2009 School Year**

**Jurisdiction: PARKLAND SCHOOL DIVISION NO. 70 (2305)**

Facility Name	Facility Location	Grades Offered	Cnst. Type	Gross Area m2	CTS Area m2	Area Per Student m2	CTS Capacity	Gross Area, Net of CTS	Total Capacity	Lease Area Exempt m2	Gross Area, Net of Lease	Net Capacity	-----FTE Enrol. ----- ECS	Sp. Ed. Severe Allowance	Sp. Ed. Severe Enrl.	Adjusted Total Enrol.	Utiliz. %
<b>Grand Total</b>				105,042.7	6,817.7		580	98,225.0	11,889	0.0	98,225.0	11,889	361	351	1,053	9,529	80%

## School-Based Planning Process

### Background

The planning process starts with the School Division's Five-Year Plan. Once the Board of Trustees has approved a Five-Year Capital Plan, it is submitted to Alberta Education's School Buildings Board for consideration. The School Buildings Board is an a-political Board established to approve school-building projects. Once the Division receives approval of a project from the Board the detailed planning process begins. The project as determined by Alberta Education's School Buildings Board will have prescribed set of criteria and a budget allocation. The scope of the project must meet the criteria and budget. The Board of Trustees will pass a resolution accepting the project and a commitment to complete the project within the provincially allocated budget.

Parkland School Division for the past three years has adopted a school-based planning process to assist in the schematic design stage of the project. School facilities are designed to meet the needs of many users. The primary users of the school building are the students and staff. However, the public uses the school for community functions and events. Therefore the Board believes it only makes logical sense to receive user input from these various users at the start of the planning for any new construction.

**Users** are individuals representing various users of the facility. They are usually the school administrator, school secretary, teachers, library clerks, teacher assistants, custodians, parents and students. It also includes community groups that use the facility where construction may affect community use. The user groups are responsible for providing suggestions or recommendations to the Architect for consideration in the design respecting their work area and responsibility.

**Project team** consists of the Facilities Manager, Principal of the School, Project Manager and the Architect. The primary role of the project team is to coordinate the project from the data collection stage through to the final completion stage. They are responsible for insuring the project is completed within the Alberta Education specifications and budget allocation.

**The User Planning committee** is made up of representatives of the various user categories and the project team. The User Planning Committee concept is intended to have input from one user that is compatible with the other. For example a suggestion by a teacher may have a negative affect on custodial staff or a suggestion by a custodian may have a negative affect on teachers. By placing the discussion in a group the solution becomes something that is beneficial to all. It also provides for the opportunity to understand each other's needs in search of solutions. The information is intended to insure the functionality of the facility in meeting the needs of all the users. The primary task of the user planning committee members is to act as a liaison between the user they represent and the project team in the data collection and design stages. The committee also provides input to the project team on prioritizing the suggestions and recommendations in the planning and design process. The committee's role is not to design and build a school but to provide information to the Architect about the use. The information must be within the scope of the project. The Architect has the responsibility

for designing the building to meet the use. The Project Team, System Administration and the Board of Trustees have the responsibility of reviewing the design to insure it is going to meet the needs, conforms with Alberta Education's specifications and fits within the budget established by the School Buildings Board.

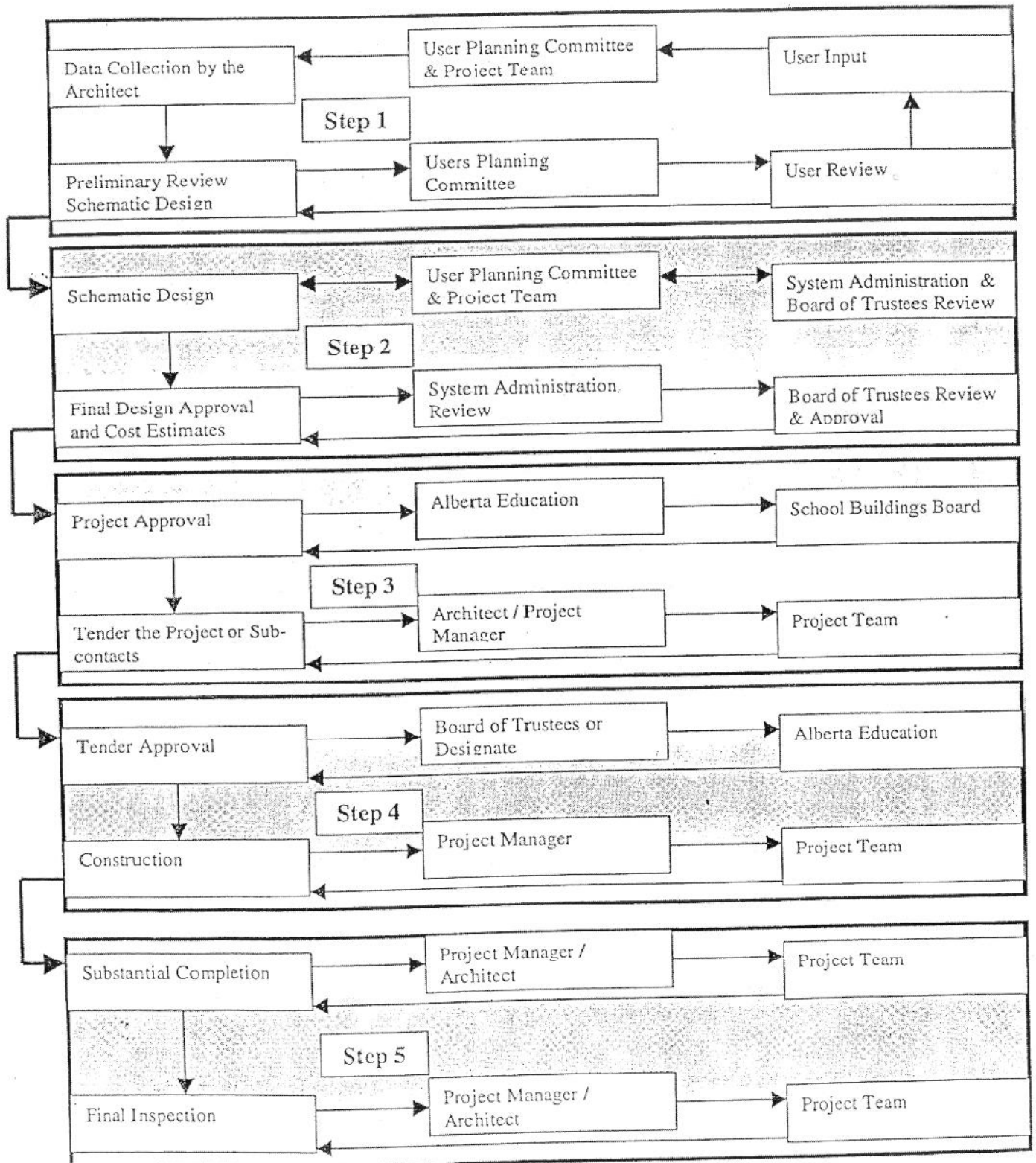
**System Administration** is responsible to review the progress of the project team and to give approval of the project once all the data has been collected and dealt with in the data collection and design stage. System Administration is given the responsibility to ensure the project meets the Division's needs and Alberta Education's specifications.

**The Board of Trustees** has the final approval for the project on behalf of the Division for the project. Once the Board has given its final approval, the project is sent to Alberta Education. The project team is then given the responsibility to proceed with the project and ensure it is completed within the prescribed budget.

#### **First Meeting of the Users Planning Committee**

At the first meeting of the Users Planning Committee the roles and responsibility should be clearly outlined for the participants. The attached diagram will be useful in outlining the entire process. The scope of the project and the budget information will help in understanding the objectives of the project. It is important that everyone understands the purpose of the committee. The purpose of the committee is to obtain information from individuals that have the experience within the specific areas the project will affect. For example, in dealing with a library, a library clerk, teachers, students and custodians all have information based on their experience within a library to provide to the Architect. If discussions are about washrooms, custodians may have input from a cleaning point of view where teachers would have input regarding supervision and location. There are many views from various users and therefore this planning process is designed to facilitate the discussion. Spatial relations of activities within the facility are important considerations. How one activity relates to another activity is part of the input process. The key ingredient to the school-based planning process is the willingness of the participants to understand the important role they have in providing their input of knowledge and experience to the process. Equally important is respecting the various points of view by individuals. Finally, the project may not achieve everything within the constraints and criteria of Alberta Education but this process will facilitate the best possible results within those same constraint and criteria.

## Flow Chart of the Planning and Construction Process School Based Planning





**PARKLAND SCHOOL DIVISION NO. 70  
SCHOOL SITES - 2010**

SCHOOL	SCHOOL SITE	JOINT-USE SITE	TOTAL AREA	MAINTENANCE AREA
<b>STONY PLAIN</b>				
PARKLAND SCHOOL DIVISION NO. 70		TOWN OF STONY PLAIN	TOTAL AREA	MAINTENANCE AREA
Forest Green School	0.88ha / 2.18ac	3.64ha / 9.01ac	4.53ha / 11.19ac	4.09ha / 10.10ac
Ecole Meridian Heights School	2.02ha / 5.00ac	4.36ha / 10.79ac	6.39ha / 15.79ac	3.16ha / 7.80ac
High Park School	2.02ha / 4.99ac	4.45ha / 11.00ac	6.47ha / 15.99ac	4.45ha / 101.00ac
Stony Plain Central School	5.94ha / 14.64ac	6.60ha / 16.30ac	12.52ha / 30.94ac	4.90ha / 12.12ac
Memorial Composite High School	Not Available	Not Available	Not Available	Not Available
<b>SPRUCE GROVE</b>				
PARKLAND SCHOOL DIVISION NO. 70		CITY OF SPRUCE GROVE	TOTAL AREA	MAINTENANCE AREA
Brookwood School	1.83ha / 4.52ac	2.84ha / 6.97ac	4.67ha / 11.49ac	2.27ha / 5.60ac
Ecole Broxton Park School	2.43ha / 6.00ac	3.53ha / 8.74ac	5.96ha / 14.74ac	2.82ha / 6.98ac
Millgrove School	2.45ha / 6.06ac Leased	.53ha / 1.31ac	2.98ha / 7.37ac	2.82ha / 6.98ac
Woodhaven Middle School	2.65ha / 6.55ac	10.95ha / 27.05ac	13.60ha / 33.60ac	3.67ha / 9.08ac
Spruce Grove Composite High School	8.09ha / 20.00ac	--	8.09ha / 20.00ac	4.43ha / 10.94ac
Greystone Centennial Middle School	2.10ha / 5.20ac	7.00ha / 17.29ac	9.10ha / 22.49ac	9.10ha / 22.49ac
<b>RURAL</b>				
PARKLAND SCHOOL DIVISION NO. 70		VILLAGE / COMMUNITY	TOTAL AREA	MAINTENANCE AREA
Blueberry School	7.26ha / 17.94ac	--	7.26ha / 17.94ac	5.43ha / 13.41ac
Duffield School	2.30ha / 5.68ac	--	2.30ha / 5.68ac	1.54ha / 3.81ac
Entwistle School	5.06ha / 12.49ac	--	5.06ha / 12.49ac	4.44ha / 10.97ac
Graminia School	13.33ha / 32.93ac	--	13.33ha / 32.93ac	10.96ha / 27.08ac
Keephills School	3.33ha / 8.24ac	Condo / PSD Shared Site	3.33ha / 8.24ac	2.73ha / 6.75ac
Muir Lake School	2.02ha / 4.99ac	2.33ha / 5.76ac Community	4.35ha / 10.75ac	3.03ha / 7.49ac
Parkland Village School	Leased	4.25ha / 10.50ac	4.25ha / 10.50ac	3.41ha / 8.42ac
Seba Beach School	8.68ha / 21.46ac	--	8.68ha / 21.46ac	6.23ha / 15.39ac
Tomahawk School	6.75ha / 16.68ac	--	6.75ha / 16.68ac	4.68ha / 11.56ac
Wabamun School	1.61ha / 3.98ac	0.93ha / 2.30ac Village	2.11ha / 5.22ac	2.54ha / 6.28ac



SITE AREA REQUIREMENTS  
PARKLAND SCHOOL DIVISION NO. 70

School	Grades	Building Envelope (ac)	Building Envelope (ha)	Total Site (ac.)	Total Site (ha)	Enrolment Ranges
Elementary	K-4	3.0-3.5	1.21-1.41	8.0-9.0	3.24-2.64	300-600
Elementary	K-6	3.0-3.5	1.21-1.41	8.0-9.0	3.24-2.64	300-600
Elementary/Jr. High	K-9	4.0-4.5	1.61-1.82	13.5-16.0	5.46-6.48	400-800
Middle	5-9	3.5-4.0	1.41-1.61	13.5-16.0	5.46-6.48	400-800
Junior High	7-9	3.5-4.0	1.41-1.61	13.5-16.0	5.46-6.48	400-800
Elementary/Sr. High	K-12	4.0-4.5	1.51-1.82	12.5-14.0	5.06-5.87	400-800
Senior High	10-12	10.0-12.0	4.04-4.85	25.0-30.0	10.12-12.14	1000 +

*Edmonton Public Schools: Site Area Requirements\**

Three-Tier System	Grades	Building Envelope (ac)*	Building Envelope (ha)*	Total Site (ac.)	Total Site (ha)*	Enrolment Ranges
Elementary	K-5	3.0-3.5	1.21-1.41	8.0-9.0	3.24-2.64	400-700
Elementary/Jr. High	K-9	4.0-4.5	1.61-1.82	13.5-16.0	5.46-6.48	550-750
Junior High	7-9	3.5-4.0	1.41-1.61	13.5-16.0	5.46-6.48	640-840
Senior High	10-12	10.0-12.0	4.04-4.85	25.0-30.0	10.12-12.14	1250-1800
Two-Tier System						
Kindergarten - Gr. 8	K-8	4.0-4.5	1.51-1.82	12.5-14.0	5.06-5.87	500-850
Grades 9-12	9-12	10.0-12.0	4.04-4.85	28.0-32.0	11.33-12.95	1250-1800

\*Indicated range reflects requirements for lower and higher enrolment core capacities.