Alberta Education/Alberta Infrastructure

School Capital Manual

Updated October, 2013 - revised

Government of Alberta

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Table of Contents

1. Introduction

Welcome to the updated *School Capital Manual* for use by school jurisdictions in building or improving their facilities.

School jurisdictions are accountable for the expenditure of capital project funding received from the Government of Alberta (GOA). The purpose of this manual is to provide all school jurisdictions (Public, Separate, Francophone and Charter Schools) with a clear understanding of their roles and responsibilities in the planning of school construction projects, in maintaining or improving the condition of school facilities and in optimizing facility utilization. As not all sections directly apply to charter schools, those jurisdictions are encouraged to contact the appropriate Director of Capital Planning for more information on applicable sections.

Background

School capital planning and implementation is based upon a legal and policy framework that supports accountability of all parties. Some of the key aspects of this framework are highlighted below:

- Legislative Authority
- The *School Act* and regulations set out the legislative requirements in relation to school facilities. Alberta's new *Education Act* was passed in the Legislature and received Royal Assent on December 10, 2012. A comprehensive review of the Education Act's regulations is required and is currently underway before this innovative legislation can come into force. Policy
  The GOA establishes policies and procedures governing capital projects undertaken by boards.

- Memorandum of Understanding
  On April 10, 2007, the Ministers of Infrastructure and Education signed a joint Memorandum of Understanding (MOU) that designates and transfers the School Facilities Infrastructure Program to the common responsibility of the two ministries. It stipulates how the two Ministers share the responsibility to make decisions regarding school building and major renovation projects.

- Accountability
  Alberta Infrastructure (Infrastructure) and Alberta Education (Education) are responsible for legislation and policy applicable to Kindergarten to Grade 12 school building projects and maintenance programs. School jurisdictions must adhere to Infrastructure and Education requirements when planning, developing and implementing school capital projects. Additionally, school jurisdictions must comply with all federal, provincial and municipal laws and building codes for all projects they undertake.

How to Use

On the following pages, you will find the step-by-step process, required documents and approval checkpoints to successfully manage the planning and implementation of school capital projects to completion. The manual is organized in these sections:

- School Capital Funding Overview
- Approval Process for School Building Projects
- School Capital Planning
- Project Implementation
- Determining Area, Capacity and Utilization Rate
- Infrastructure Maintenance and Renewal Program
- Plant Operations and Maintenance Funding
- Charter Schools, and
- Appendices (including Glossary).

The manual will be updated as necessary by Education and Infrastructure. It may be viewed on, or downloaded from the Education website at
http://education.alberta.ca/admin/funding/schoolfacilities.aspx
or via a link provided on the Infrastructure website at
www.infrastructure.alberta.ca/516.htm

Ministry Resources

Education:

The **Capital Planning Sector** provides assistance to school jurisdictions with their capital planning, capital funding requests, approved capital projects and budgets, as well as with projects funded through Infrastructure Maintenance and Renewal (IMR).

Executive Director, Capital Planning (780) 643-0951
Director, Capital Planning, South (780) 427-2272
Director, Capital Planning, North (780) 427-2083

The **Strategic Financial Services Sector** provides assistance on the Plant Operations and Maintenance (PO&M) Funding program and makes payments to school authorities on all school capital funding.
Director, School Finance (780) 422-0865

The First Nations, Metis and Inuit (**FNMI) and Field Services Sector** provides support to school jurisdictions with respect to provincial program standards and program implementation services to school authorities, key education stakeholders, and the public. Service areas include five geographic regions throughout the province.

Infrastructure:

The **Learning Facilities Branch** is responsible for the project implementation of approved capital projects. They provide technical support to Education and school jurisdictions on matters related to development of capital plans, project management support, project design, tendering, cost analysis, and review of IMR expenditures.

- Executive Director, Learning Facilities Branch (780) 422-7459
- Acting Director, Learning Facilities**,** South (403) 592-2667
- Director, Learning Facilities, North (780) 422-7529

2. School Capital Funding Overview

Funding is approved in the following program categories:

- Expansion Facilities
- Modernization
- Modular Classrooms
- Leasing
- Other

2.1 Expansion Facilities

This funding program supports construction of new school buildings or major additions to existing school buildings to accommodate growth in enrolment and new program requirements. Current enrolments and enrolment projection information must be provided to Education and Infrastructure with the request for new space.

As indicated in Section 203 of the School Act, school jurisdictions, before any construction or demolition begins, must submit a copy of the plans respecting the construction of, or addition to a school building or before reducing the number of classrooms in the original design of a school.
Jurisdiction must seek approval for additional space for capital projects from the Minister of Education.

Jurisdictions are also required to report to Infrastructure when they have reduced space in a school due to a modernization.

All new schools must meet government requirements for LEED Silver certification, which is a measure of sustainability and energy efficiency.

Criteria

A school jurisdiction may choose to include a new school as a priority in their Three-Year Capital Plan when:

- Additions to existing schools would not provide sufficient space to accommodate current and expected future enrolment in the sector.
- Existing schools are not appropriately located in the geographic sector of the jurisdiction to accommodate current and expected future enrolment.
- The utilization rate for any geographic sector of the jurisdiction is above 85%.

A school jurisdiction may choose to include a major addition to an existing school as a priority in their Three-Year Capital Plan when:

- The school experiences increases in existing enrolments with utilization rates nearing or exceeding 85%.
- The school requires additional space for programming (e.g., CTS labs).

2.1.1 Standard School Design

Seven standard designs for common school sizes and types have been developed as of April 2009. When these schools are fully built out with modular classrooms, they will provide users with the same area and spaces that a permanent school of equivalent capacity would have. The permanent cores will contain administration areas, gyms and washrooms sized to accommodate the built-out area.

Where appropriate, school jurisdictions are encouraged to identify standard school designs in capital plans and to use uniform cost templates.
The standard designs are LEED Silver certifiable, subject to receiving a number of site related points. The modular classroom design specifications (e.g., windows, lighting, heat recovery) will also support LEED Silver requirements.

School jurisdictions are encouraged to use these designs for developing new facilities, unless cost savings can be demonstrated through other designs or if the nature of the school project is such that it requires facilities beyond the scope possible through these designs.

The following standard school designs are available:

Standard School Type	Permanent Core Area	Core Capacity	Modular Classrooms	Built-Out Area
K-6 - 300 Capacity	1,718 m^2	100	8	2,518 m^2
K-6 - 450 Capacity	2,704 m^2	150	12	3,784 m^2
K-6 - 600 Capacity	3,323 m^2	300	12	4,618 m^2
K-9 - 600 Capacity	3,509 m^2	200	16	5,109 m^2
K-9 - 900 Capacity	5,817 m^2	500	16	7,417 m^2
5–9 - 600 Capacity	4,247 m^2	300	12	5,447 m^2
5–9 - 900 Capacity	6,337 m^2	500	16	7,937 m^2

For more information on the standard schools, contact the appropriate Infrastructure Director of Learning Facilities.

2.2 Modernization Funding

Modernization funding supports the renovation of a school building or portion of a school building to address physical obsolescence and/or improve functional adequacy and suitability for present and future educational programs. Modernization projects are assessed based on the following criteria:

- current and projected enrolments,
- utilization rate,
- strategic location,
- cost savings by right sizing,
- functionality, and
- condition as determined by a facility audit.

A modernization project involves renovations to all or part of an existing school in order to:

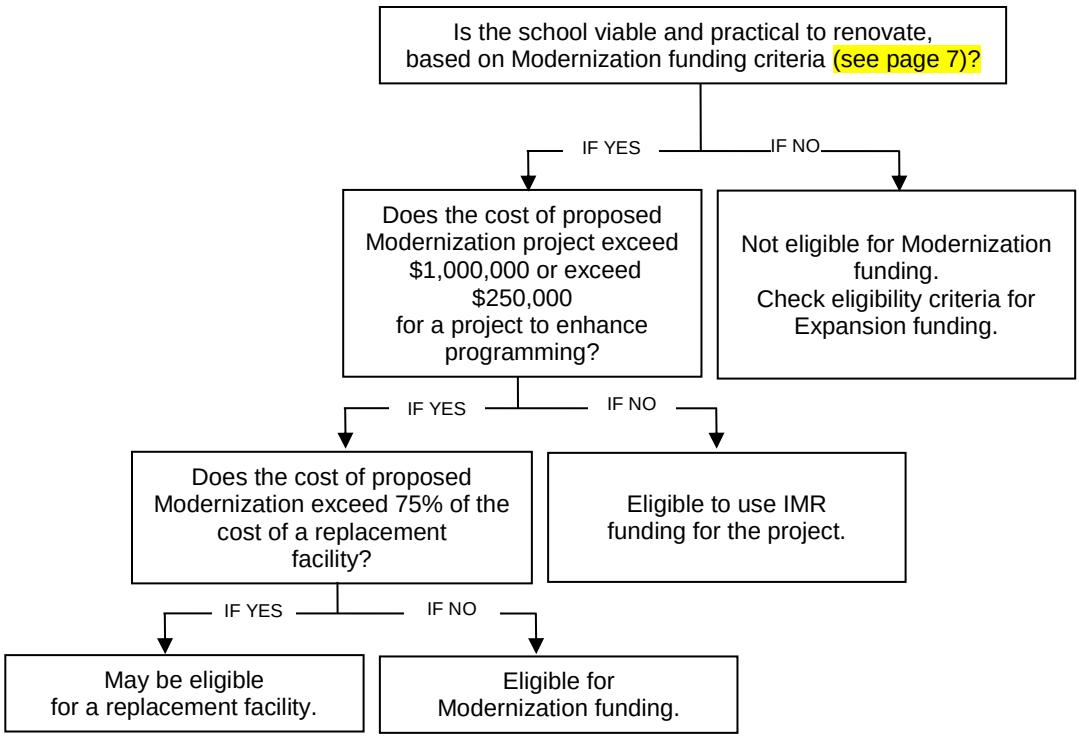
- Overcome major deficiencies throughout a building or a section of a building that threaten the health and safety of students and staff,
- Accommodate educational programs and integrate delivery of technology, including Career and Technology Studies (CTS) equipment, associated with the modernization project.
- Provide access and facilities for persons with disabilities.
- Replace or upgrade building structural components, mechanical and electrical services, and architectural finishes.

Modernization funding is provided for projects where the total construction cost for renovations and/or upgrading to accommodate new programming or to enhance current programming exceeds $250,000 or where non-program specific renovations exceeds $1,000,000. For any projects under the above-noted cost thresholds, school jurisdictions should use IMR funding (see section 7).

Where a modernization project is estimated to cost more than 75 per cent of a replacement facility, the school jurisdiction may wish to include a replacement facility in their Three-Year Capital Plan.

2.2.1 Identifying Modernization Funding Opportunities

The chart below illustrates the process school jurisdictions should follow to identify Modernization projects. Submission of the school jurisdictions' Three-Year Capital Plans is the method for providing this information to Education.



2.3 Modular Classrooms

2.3.1 Procurement of Modular Classrooms

The term Modular Classroom is used to describe the standard portable classroom units built at a central location and transported to schools across Alberta. These units are based on specifications that ensure significantly improved heating and ventilation, soundproofing, resistance to mold, ease of serviceability and several other factors that differentiate them from the older portables that were previously put in place by schools across the province. The Government of Alberta (GOA) plans to replace all of the older portables with modular classrooms as funding becomes available.

Program Description

Funding is provided for modular classrooms to ease enrolment pressures in communities where school jurisdictions are experiencing high student enrolment growth. Modular classrooms are provided to address immediate increases in enrolments and may be removed as enrolment declines.

Funding may also be provided for new modulars to replace existing portable classrooms due to demonstrated health and safety issues.

Modular classrooms are designed to make them flexible in their application. They can be attached directly to a core school, attached to an existing school using a "connecting link", or remain a freestanding unit (i.e., not attached to the main school structure). A connecting link is the connecting corridor used when attaching modular classrooms to the permanent building.

A standard modular connecting link has been designed to be used in conjunction with the modular classrooms, using the same materials and finishes. The ends of the modular connecting links are open ended for ease of connection to the school building and modular classrooms; are complete with double doors on one sidewall; and have windows on the opposite sidewall. The width of the modular connecting link is 3.048m; minimum length is 6.096m and can be increased by increments of 1.219m to meet site conditions and *Alberta Building Code* requirements for fire separation. School jurisdictions are expected to consider use of the standard modular connecting link, instead of site built, wood frame construction connecting links, where appropriate. If a site built, wood frame constructed link is deemed necessary, it should be no larger than is necessary to provide sufficient setback from the permanent structure to meet the *Alberta Building Code* requirements for fire separation.

Infrastructure has developed plans and specifications for modular classrooms that the approved manufacturer builds. School jurisdictions are expected to use these modular classrooms, once approval of the modular classrooms has been given by the Minister of Education. If the school jurisdiction wishes to use a different plan, it must demonstrate that it has developed equivalent plans that are acceptable to the Minister of Infrastructure. The drawings and specifications for the modular classrooms are available from the Infrastructure Learning Facilities Branch.

Modular units are requested through the annual Modular Submission Process described below.

Procedures for the Modular Classroom Program

Each year, typically in early October, Alberta Education requests jurisdictions to submit their requirements for modular units and the relocation of existing modular classrooms or free-standing portable classrooms (Section 2.3.2) to address enrolment pressures, health and safety issues and evergreening. Jurisdictions are required to complete forms as part of the application process(see Form 9 in Appendices and online at http://education.alberta.ca/admin/funding/schoolfacilities.aspx).

The submissions are due to Alberta Education by November 1st of each year and will include a prioritized list of requested units that identifies the number of units required, the school(s) to which the units are to be allocated and other necessary information as outlined in the forms.

Upon approval of new modular classrooms, boards will be required to submit a site plan and cost sheet to Infrastructure for review. Once approved, Infrastructure will order the units(s) from the manufacturer and advise the jurisdiction to proceed with the development of a pre-tender package for the delivery and set up of the modular

units which includes drawings, specifications, and a cost estimate. Boards must submit the pre-tender package to Infrastructure for review with a letter requesting permission to tender. Bids that are greater than $200,000 will require approval from the Contract Review Committee prior to the boards entering into a contract for set-up and delivery. The rates for furniture and equipment for new modular units is $12,000 per unit and the consultants fees are to a maximum of 12.58 per cent of the delivery, set-up and link project costs (excludes purchase of the unit & F&E).

If the school jurisdiction has not ordered the approved modulars within six months of the approval date, the approval may be deemed to be rescinded and the modulars reallocated to the next highest provincial priority.

Jurisdictions are required to submit their Statement of Final Costs (SFC) for all modular projects within six months of the completion of the installation and set-up.

Procedures for Modulars as Part of New. Replacement or Modernization Project

When the modular classrooms are being planned in conjunction with a new or replacement school, or a modernization to an existing school, the school jurisdiction must prioritize its need and include the modular classrooms as part of the project in the Three Year Capital Plan WAP submission, as it does for other expansion projects. The modulars will be ordered directly from the manufacturer by Infrastructure rather than by the school jurisdiction.

2.3.2 Relocation of Portables/Modular Classrooms

Funding may be available for the relocation of portables and modular classrooms from an existing school (donor school) to another school (receiver school) located within the same jurisdiction or to another school jurisdiction for the purpose of easing enrolment pressures at the receiver school.

Modular relocation requests will be submitted through the Annual Modular Submission Process.

Procedures

The procedures for requesting approval for the relocation of modulars are similar to requesting new units. See Form 10 in Appendices and online at http://education.alberta.ca/admin/funding/schoolfacilities.aspx) for details of the specific information required for the submissions.

Upon approval of modular relocations, boards will be required to submit a site plan and relocation cost sheet to Infrastructure for review. Once reviewed, Infrastructure will advise the jurisdiction to proceed with the development of a pre-tender package, which includes drawings, specifications, and an updated cost estimate, for the set-up and delivery of the units. Boards must submit the pre-tender package with a letter requesting permission to tender to Infrastructure for review. Bids that are greater than $200,000 will require approval from the Contract Review Committee prior to the board entering into a contract for set-up and delivery. There is no furniture and equipment allocation for modular relocations and the consultants' fees are to a maximum of 12.58 per cent of the delivery, set-up and link project costs.

If the school jurisdiction has not completed the approved modular move within six months of the approval date, the approval and all associated funding may be rescinded.

Jurisdictions are required to submit their Statement of Final Costs (SFC) for all modular relocation projects within six months of the delivery of the unit to its new location.

2.3.3 Declaration of Surplus Modular Classrooms

When a jurisdiction finds that they have a modular classroom that is no longer needed to accommodate the instructional needs of students, they are to advise Education of the surplus unit(s) through the completion and submission of the Declaration of Surplus Modular Classrooms Form. See Form 16 in the Appendices and online at http://www.education.alberta.ca/department/ipr/capitalplanning/infrastructureresources.aspx

2.4 Leasing

2.4.1 Leasing of School Facilities

School jurisdictions may receive funding to lease appropriate facilities when other accommodation options are not available to accommodate current enrolment. Where provincial funding is requested, lease support approval will be communicated in writing by the Minister of Education. Jurisdictions are advised to consult with their Senior Manager in Capital Planning prior to developing any new lease or renewing an existing lease.

Leasing arrangements are intended to be temporary solutions until permanent accommodation can be made available.

The final decision regarding whether to lease space is the responsibility of the local school jurisdiction; however, it is important to note that lease support funding will not be provided for any arrangements that are entered into without prior written approval from Education of that funding.

As a result of rapidly escalating leasing costs, government implemented a Leasing Review in 2010, and a new leasing framework is being phased in. The first phase began implementation in September 2011 and involved Jurisdiction to Jurisdiction leases. These changes are outlined in Section 2.4.4. The second phase, anticipated to begin implementation for the 2014-2015 school year involves the leasing of school facilities owned by third parties, most of which are societies that previously supported private schools. This second phase is intended to improve the equitability and predictability for third party leases.

It is important that jurisdictions notify their Senior Manager, Capital Planning in writing, as soon as possible after identifying any need for new or additional leased space or potential changes to existing lease costs where funding will be sought to

support the lease. This will allow Capital Planning to consider the additional requests for inclusion in the provincial budget submission.

2.4.2 Submission of Lease Funding Requests

Lease Funding Request Forms must be submitted to Capital Planning, Alberta Education no later than March 1 each year and must include details of all leases that will be in effect for the following school year where provincial funding support is being requested (see Form 13 in Appendices and online at http://education.alberta.ca/admin/funding/schoolfacilities.aspx)

Every effort will be made to inform jurisdictions of their approved lease support by June 30 following their March 1 submission and to provide the funding for any approved leases on or before September 30th of that school year.

Where lease support funding is not approved, jurisdictions still have the authority to decide to enter into a lease agreement; however, the jurisdiction will be responsible for funding the lease.

Submission Requirements

Part One:

The Lease Submission must include:

1. The completed *LEASE FUNDING REQUESTS FORM* detailing:
    a. All Third Party Leases, including;
        - Requests for funding for new leases
        - Requests for funding renegotiated/renewed leases
        - Requests for funding ongoing and year-to-year leases
    - All Jurisdiction to Jurisdiction leases not yet converted to IMR.
- Unsigned copies of the draft new or renegotiated/renewed leases agreements from 1a.
- The rationale for why the programs identified in 1.a. cannot be accommodated within any available surplus space that exists in the jurisdiction.

Part Two:

Signed fully executed leases must be submitted to Education subsequent to Education's approval of lease funding and before funding will be released to the jurisdiction.

2.4.3 Criteria for Consideration of Lease Support

A school jurisdiction may receive funding to lease a facility on a temporary basis for the instruction of students provided that:

- There is no other school facility available to accommodate the students.
- The proposed space to be leased is appropriately sized for the enrolment and programming needs up to a maximum size for the expected enrolment as outlined in Appendix C.
- The proposed facility is in acceptable condition. Education and Infrastructure staff can provide advice and support on assessing facility condition standards.

- The terms of the lease are acceptable to Education. All leases must include a one-year termination clause unless otherwise approved by the Minister.
- Funding is available within Education's budget.
- SuperNet access is available at the site or other cost-effective arrangements can be made for the provision of adequate Internet services.

Funding will not be provided to a school jurisdiction for the temporary leasing of facilities:

- For purposes other than the instruction of students.
- For physical and recreational activities with the exception of gymnasiums.
- For lease costs that are covered by a jurisdiction's insurance.
- During the period of modernizing an existing school facility;
- For programs that have not been granted prior approval by Education.

2.4.4 Jurisdiction-to-Jurisdiction Leasing

In September 2011, implementation of phase one of the leasing framework began to address the leasing of facilities from one school jurisdiction to another.

Education no longer approves new lease support funding for facilities that were originally built, in whole or in part, with government funds. Existing leases for these facilities are being phased out.

For school jurisdictions that lease such facilities to other jurisdictions (usually to Francophone regional authorities and charter schools), Education will provide Infrastructure Maintenance and Renewal (IMR) funding in lieu of lease support as each existing lease expires. IMR is intended to replace the major components in school buildings, including roofs, boilers, windows and floors. Please see Section 7 for full details on the IMR Program.

2.4.5 Leasing Out Vacant Space (acting as a lessor)

Leasing space must be done in accordance with the Disposition of Property Regulation.

Jurisdictions that lease out space may apply to have that space exempted from their utilization rate calculation. For space exemption purposes, school jurisdictions must submit to Infrastructure a LEASING OF SCHOOL SPACE form (see Form 4 in Appendices and online at http://education.alberta.ca/admin/funding/schoolfacilities.aspx), providing information on the area leased and the type of lessee.

2.5 Other Funding Considerations

2.5.1 Relocation Funding

Newly established charter schools, existing charter schools or Francophone authorities that have acquired a new facility by either lease or transfer of an existing

facility **may** be eligible for funding to cover some costs associated with relocating to the new facility.

Requests for Relocation Funding should be submitted in writing to Capital Planning, who will review costs associated with the transfer of facilities between jurisdictions as appropriate.

Capital Planning will consider the following in order to determine whether Relocation Funding will be provided and at what level:

- Cost of moving the existing furniture and equipment;
- Cost of purchasing necessary new furniture and equipment;
- Essential work required to render the space immediately usable for the incoming program, including
- addressing any health and safety concerns;
- technology readiness issues; and
- creating required program space.
- Jurisdiction's commitment and capacity to contribute capital reserve funding
- Estimated length of stay in facility
- Facility ownership

Additional work beyond that required to render the space immediately usable should be included in the jurisdiction's next Three-Year Capital Plan (if applicable).

Documentation relevant to the above considerations must accompany any request for Relocation Funding, including a floor plan outlining the proposed use of space.

2.5.2 Outreach Programs

School jurisdictions are often required to lease facilities from private landlords to operate Outreach Programs. Support for the lease costs is provided in the base funding for each Outreach program.

Additional information on these guidelines and funding for Outreach programs is available in the Education *Funding Manual for School Authorities*.

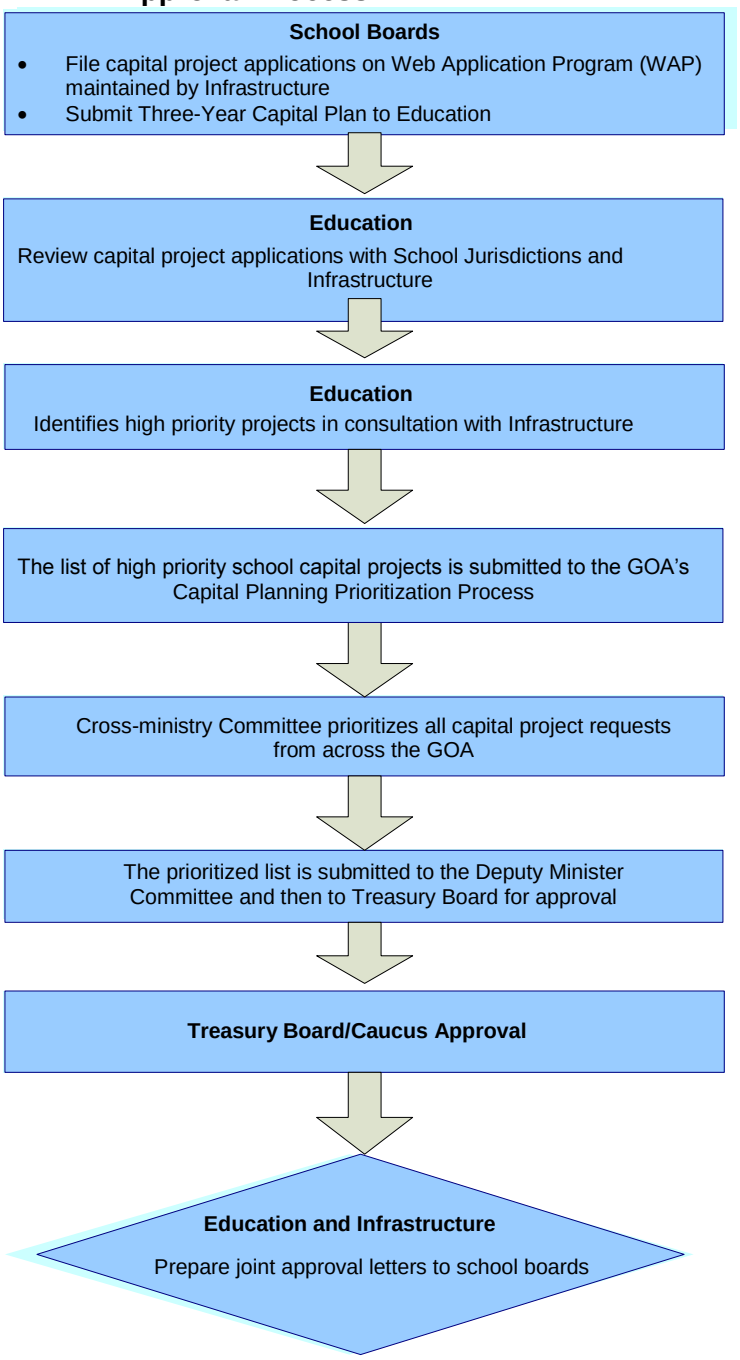
2.5.3 Student Health Services and Parent Link Centres

For information on Student Health accommodations and Parent Link Centre facilities in schools, please contact Education's Capital Planning Sector at 780-643-0951 (toll free by first dialing 310-0000).

3. Approval Process for School Building Projects

As required by the *School Act*, Part 7, Division 2, Ministerial approval must be obtained prior to commencement of any capital project. **There will be no funding provided to a jurisdiction for a project commenced without prior written Ministerial approval.**

Approval Process



3.1 School Capital Funding Priorities

Capital projects are reviewed and prioritized by Education, with technical input from Infrastructure, prior to being submitted to the government's Capital Planning Prioritization Process led by Treasury Board.

The projects identified in the Three-Year Capital Plans should include sufficient information to support the identified priority ranking. Projects are first reviewed for accuracy and clarity, and staff from Education's Capital Planning Sector and Infrastructure's Learning Facilities Branch may meet with school jurisdictions to obtain further information as required.

Partnerships have become an important component of the capital planning submission. Please see section 4.2.4 for partnership considerations.

Education then prioritizes project requests by first considering school jurisdiction priorities and then the following criteria:

- **Health and Safety** –Impact on health and safety of occupants of not proceeding with the project (e.g., replacement or essential modernization to correct unsafe conditions or prevent a major building failure).

- **Building Condition –** Facility audit scores and the facility condition evaluation is a key tool for government and school boards' long-term capital planning processes. It assists with determining priorities for investing in maintenance, upgrades and new infrastructure.

  Reviews are ongoing within a five-year cycle so that each school is re-evaluated five years following its last review. The evaluation report generated from each review provides a "snapshot" of the physical condition and building systems at that specific point in time. The review anticipates the amount and cost of maintenance work that may be required over the next five years to keep the school in good condition.

- **Utilization Rates** – Utilization of existing facilities. The utilization formula is used as a measure of the relative occupancy levels of a school. When a facility reaches or exceeds a utilization of 85 per cent capital expansion may be considered.

  A high utilization rate at a school will not automatically result in the construction of additional infrastructure. Demographic trends, total utilization of the area, funding considerations and overall provincial priorities are also taken into consideration, along with the relative priorities for school capital projects identified by each of the school jurisdictions in their Three-Year Capital Plans.

- **Enrolment Projections** - Trends and subsequent school board plans for the accommodation of students.

- **Education Program Delivery** – Alignment with the direction the board has described in the Three-Year Education Plan.

- **Additional Information,** including opportunities for partnership/collaborations between one or more school jurisdictions and/or other partners and other supplementary information such as site readiness, studies, regional plans.

Education then prepares the annual submission for the provincial Capital Planning Prioritization Process. Other considerations include:

- **Program Delivery Impact** – Importance of the project to achieving ministry program delivery requirements.
- **Infrastructure Performance** – Recognition of infrastructure that is generally in greater need of attention due to poor functionality or poor physical condition; or that high utilization results in the need to adjust program delivery capacity.

4. School Capital Planning

4.1 Approaches for Delivering Education Programs

School jurisdictions should consider possible alternatives and approaches for delivering education programs and accommodating students. Examples are:

- Making more efficient use of existing space available in other schools or other facilities in the community, in other communities in the region, or in other school jurisdictions.
- Adjusting grade structures within the school(s).
- Operating schools for longer periods each day.
- Offering year-round schooling.
- Enhancing technology in schools (e.g. videoconferencing) to provide for additional opportunities for students to access education programs.

4.2 Three-Year Capital Plan Requirements

School jurisdictions must prioritize projects submitted for funding based on safety of school facilities, enrolment pressures, modernization needs, etc., as identified through the Three-Year Capital Plan and Ten-Year Facilities Plan. The Three-Year Capital Plan submission must be approved by the Board of Trustees or Charter School Authority and signed off on an annual basis.

The fiscal year for Capital Plans is April 1 to March 31. The Three-Year Capital Plan must be submitted by April 1 of the year prior to the commencing year of the plan. For example, the plan submitted on April 1, 2014 is for the years 2015-2018.

4.2.1 Three-Year Capital Plan

The Three-Year Capital Plan:

- Identifies the highest priority school facility/infrastructure needs for the three-year period.
- Must be updated by the school jurisdiction and submitted on an annual basis.
- Must include, at a minimum, the detailed breakdown of costs by facility required to complete the web-based *New School Project Application* and the *Expansion and Modernization Project Application* (Forms 1 and 2 available on the WAP).
- Must demonstrate that the school jurisdiction has evaluated its ability to deliver the requested projects during the three-year period.
- Must in include a completed copy of the Site Readiness Checklist (see Form 8) New or Replacement School projects. requested in the first year of the submission.

4.2.2 Ten-Year Facilities Plan

The Ten-Year Facilities Plan must be developed and be made available upon request by the Capital Planning Sector. School jurisdictions may also be asked to submit additional information or a business case in support of a project.

The Ten-Year Facilities Plan provides a broad overview of the school jurisdiction's facilities. It helps each school jurisdiction, Education and Infrastructure to identify long-range facility needs in support of school jurisdictions' education and technology plans.

A school jurisdiction should annually review its Plan to confirm its continued relevance and submit an updated plan to Education upon request. The plan should include the following information:

- Enrolment pressures and emerging learning opportunities that need to be addressed through expansion (new schools, additions, modular classrooms and leases). The plan must indicate the jurisdiction's expected facilities utilization for the ten-year period. This should include enrolment projections for areas of growth and for areas with declining enrolments.
- Modernization needs for schools over the ten-year period.
- Grade structures and forecast of program changes requiring capital funding either under the Modernization program to convert existing space, or construction under the Expansion program to facilitate the new program(s) and technology.
- Facility condition evaluation information.
- Declining enrolments that may lead to closure of programs or school buildings.
- Identify any impact on the need for capital funding to modernize or add space to the school(s) where students are being relocated.

4.2.3 Site Readiness

- Discussions with municipalities must occur prior to submitting a request for a new or replacement project, to ensure the site has been identified and services are available to construct the school.
- A Site Readiness Checklist (see Appendix I- Form 8) *http://www.education.alberta.ca/media/6414507/form8sitereadiness.doc* must be completed, signed and submitted for each New or Replacement School Project included in the first year of the jurisdiction's Three Year Capital Plan
- Areas that need to be considered include:
    - Title of land
    - Zoning appropriate
    - Topography of site
    - Any site assessments that have been completed
    - Adequate road access
    - Other concerns about the site.

4.2.4 Partnership Opportunities

The Ministers of Education and Infrastructure believe that schools serve as important hubs within communities. School Boards are expected to identify potential partnerships with local jurisdictions that would be of mutual benefit to both the students and community at large.

To assist school jurisdictions in identifying and establishing partnership opportunities, please refer to the Partnerships webpage online at http://education.alberta.ca/department/ipr/capitalplanning/infrastructureresources/p

artnerships.aspx for the *Guide to Partnerships* and various resources, sample agreements and documents.

School jurisdictions are encouraged to contact their Education Senior Manager for any additional information on developing partnerships.

4.3 Developing a Budget

This information is to assist you in preparing individual capital project applications.

4.3.1 Budget Components

The project budget established for each capital project typically includes the following capital cost components:

- Building Construction Costs,
- Consultants' Fees,
- Project Expenses,
- Furniture and Equipment,
- Career and Technology Studies (CTS) Equipment,
- Other approved project costs, if applicable, and
- Non-refundable GST

The Total Project Cost (TPC) is the sum of the components above. School jurisdictions must complete the project within the approved budget.

4.3.1.1 Building Construction Costs (includes Site Development)

The approved budget for Building Construction Costs is to be used for the physical construction of the school facility and the normal site development costs incurred when undertaking a typical school construction project, including the following:

• Building substructure and structure	• Exterior walls and cladding
• Interior fixed partitions and moveable partitions	• Vertical movement systems (elevator, escalator)
• Finishes (interior and exterior)	• Electrical systems
• Mechanical systems	• All services on the school site (water, sewer, gas, etc.)
• Allowances (design, construction, contingency)	• Telephone and data site services
• Electrical and mechanical site services	• Hard surfaces including fire lane(s)
• Fire protection	• General conditions and permits
• Landscaping (as required to meet the requirements of authorities having jurisdiction and to provide safe access and site drainage)	• LEED Certification
• Cost escalation	
• Furniture and equipment that is fixed to the building, such as millwork (including classroom shelving), storage units and counters, gymnasium equipment (basketball backstops, climbing frames, floor inserts required for	

volleyball or badminton), tack and chalk/whiteboards, library shelving, gymnasium equipment storage and dividers for classrooms, gymnasium, and lockers.

The Total Project Cost does NOT include extraordinary site costs, site acquisitions, access roads to the site, services to the site, or any other landscaping features beyond a five-metre perimeter of the building envelope. The school jurisdiction should work in consultation with the local municipality and the site developers to ensure these items are addressed.

4.3.1.2 Consultants' Fees

The approved budget for Consultants' Fees is for a prime consultant to provide basic services in accordance with the Alberta Association of Architects (AAA) and the Association of Professional Engineers and Geoscientists of Alberta (APEGA) recommended conditions of engagement for building projects and Schedule of Professional Fees (see Appendix B):

- Basic services include the work of architectural, structural, mechanical, electrical and municipal engineering professional services related to the building construction/site development component.
- School jurisdictions and prime consultants are expected to conclude fixed fee agreements for full basic services. School jurisdictions and their consultants should be guided by the definitions within the schedules of Basic and Additional Services developed and published by the AAA and APEGGA.

The consultants' fees are a percentage of the building construction/site development component of the approved budget. Calculation of consultants' fees is the building construction/site development cost times the appropriate percentage, for all projects including modular classrooms

4.3.1.3 Project Expenses

The approved budget for Project Expenses is for normal project expenses and additional or variable services associated with a school building project. These expenses and services include the following:

• Consulting services beyond basic services, such as facility planners, landscape architects, acoustic specialists, interior designers, cost consultants, etc.	• Site surveys
• Soils reports	• Roof assessments, inspections and reporting (if required)
• Environmental assessments (Phase 1 Environmental, see Form 8: Transportation and Site Requirement Checklist)	• Provision of small-scale plans of school buildings
• Commissioning of mechanical and electrical systems	• Development and building permits
• Materials testing and reporting	• Printing and photocopying, plotting

for items such as bore holes, compaction and soils, concrete and mortar	of computer-generated drawings, communication such as postage, long distance telephone calls, courier and travel.

The Project Expenses are generally calculated as a percentage of the building construction/site development component of the initial approved budget only. Calculation of the Project Expenses component is the building construction/site development cost times the appropriate percentage (see Appendix B).

4.3.1.4 Furniture and Equipment

The approved budget for Furniture and Equipment is for the basic furniture and equipment for approved capital projects. Examples include stand-alone furniture or storage units and trolleys. The Furniture and Equipment component does **not provide funding** for the following:

- Furniture and equipment included in the building construction/site development component of the approved budget.
- Expansion or modernization projects for facilities that do not require furniture and equipment.
- Computer equipment and local area networks which are funded under Education's Base Instruction funding.

The Furniture and Equipment component is calculated as a percentage of the building construction/site development component of the initial approved budget only. Calculation of the furniture and equipment component is the building construction/site development cost times the appropriate percentage for all projects, including modular classrooms. (see Appendix B).

4.3.1.5 Career and Technology Studies (CTS) Equipment

The approved budget includes funding for projects that provide for or upgrade a CTS area(s). The school jurisdiction should provide a list of CTS pathways it intends to offer within the CTS areas.
Note: For each qualified, new or modernized CTS lab within a major capital project, an allocation of $100,000 for CTS equipment will be provided.

4.3.1.6 Other Approved Project Costs (Ancillary Work)

If other options are shown to be unavailable or not practical, additional funding will be considered on an individual basis and may be provided for approved capital projects, in which ancillary work is required. Ancillary work includes additional and unforeseen costs such as:

- Asbestos abatement.
- Demolition and material removal costs for entire buildings or wings.

Prior to tender, the school jurisdiction must submit a consultant's report identifying the need for the ancillary work, the proposed method of remediation and the estimated cost of the remediation to Infrastructure, Learning Facilities Branch for review, who will then provide a recommendation to Education.

4.3.1.7 Non-Refundable GST

Funding for the non-refundable GST will be added to the approved budget.

4.3.2 Building Construction Support Prices

The building construction support rates are outlined in the cost templates provided to each school jurisdiction. The SharePoint Site Link is https://extranet.infrastructure.alberta.ca/capitalprojects/pm/cm/ecs/CPMP/Schools/Forms/AllItems.aspx. Infrastructure will update the cost templates as required in response to fluctuations in market conditions and construction escalation. For any questions on these templates, please contact Learning Facilities Branch at Infrastructure.

4.3.3 Location Differentials and Distance Allowances

Location factors are applied to the support rate per square metre to compensate for the higher costs associated with construction in various locations, and are now included in the cost templates. For any questions on location differentials and distance allowances, please contact Learning Facilities Branch at Infrastructure.

4.3.4 Contracting and Procurement Regulations

GOA-funded projects will be subject to compliance with Infrastructure Contracting Principles respecting procurement of goods and services necessary to complete an infrastructure project. As funded entities, school jurisdictions are expected to use Value-based Selection processes with respect to procurement of Consultant Services.

Resources

- Guidelines and Standards are available on Infrastructure's website at *http://www.infrastructure.alberta.ca/505.htm*
- Agreement on Internal Trade is available at *www.ait-aci.ca*
- New West Partnership Trade Agreement is available at *http://www.newwestpartnershiptrade.ca*

School jurisdictions are required to comply with applicable provisions of provincial agreements such as the Agreement on Internal Trade (AIT) and the New West Partnership Trade Agreement (NWPTA)

4.4 Web Application Program (WAP)

4.4.1 Submission of Projects

Capital projects identified in school jurisdictions' Three-Year Capital Plans must be submitted through Form 2: *Expansion and Modernization Application*, *an* electronic form that is part of the Web Application Program (WAP).

Infrastructure will provide each school jurisdiction with the required **User-ID and Password** for accessing the WAP site. Users are required to maintain the security of their passwords, including changing the password every 60 days. New users and

previous users whose passwords have expired must contact Infrastructure for assistance. The WAP will be available to jurisdictions to enter data for a period of time as determined jointly by Education and Infrastructure.

For more information on accessing the WAP site and passwords, please contact the respective Director in Learning Facilities Branch, Infrastructure.

4.4.2 Submission Considerations

The following should be considered in submitting capital funding requests:

- Jurisdictions are to include all new, addition and replacement schools and preservation and upgrading of existing school facilities in priority order. Note: Beginning with the submission in the 2013-14 fiscal year for the 2013-2016 Three Year Capital Plan, leases are no longer to be included in the submission.
- Clearly differentiate between a new school request that will add capacity to accommodate increasing enrolment and a replacement school request to handle existing enrolment.
- When prioritizing major modernization requests, include minor expansions, upgrading, and facility adjustments to address declining enrolment, etc. in this category. Major modernizations include demolitions and additions of small areas.
- It is the responsibility of a school jurisdiction to provide the rationale for the proposed project including enrolment, capacity, program needs and facility condition.
- Requests for modular classrooms, if part of a new core school request, should be included in the WAP submission. However, requests for replacement of older portables or new modular classrooms to accommodate enrolment growth are only submitted to Education annually by November 1.
- All WAP applications are reviewed by Education and Infrastructure. The review may include the transferring of a project to the most appropriate program (Expansion or Modernization). School jurisdictions will be notified of any changes.
- School jurisdictions should submit a single request for any projects that have multiple components (for example, a project may include a modernization, and addition, and a demolition). The request should be made under the category that reflects the primary type of project (for example, a modernization or expansion).

4.5 Approval of Projects

Approval of capital projects will be provided to the school jurisdictions via a letter from Government.

5. Project Implementation

NOTE: For projects implemented by the school jurisdictions, refer to Sections 5.1 to 5.7. For projects implemented by Alberta Infrastructure, refer to Section 5.8.

5.1 Requirements and Guidelines for Approved Capital Projects

As described in section 4.3.1, Education and Infrastructure approve a Total Project Cost within which school jurisdictions must complete capital projects.

If a project does not proceed to tender within one year of the date of the approval letter, the project's priority may be reviewed and approval subsequently withdrawn.

Other funding guidelines that should be considered are listed below:

- For an approved project, a school jurisdiction may reallocate the funding among the capital cost components as listed in section 4.3.1 subject to the following limitations:
- Funding established for consulting fees and cost consulting fees are not transferable to other components of the project and must be used only for the approved component, unless Infrastructure gives prior approval.
- Funding cannot be transferred from other components to increase the building construction/site development component or the furniture and equipment component, unless Education and Infrastructure review and approve the transfer.
- Funding for non-refundable GST will be 1.6% of the sum of the other components of the budget.
- As per section 4.3.1.2, funding for consultants' fees is provided (see Appendix B). School jurisdictions are required to obtain the full range of basic services for the project from their consultants.

5.2 Limits of Approval

In addition to the approval notice letter forwarded to the board chair, the school jurisdiction superintendent will receive the budget and any associated information applicable to the approval, such as file number, fiscal year and any special conditions specific to the project or advance project funding from Education and Infrastructure.

Any contemplated changes to the project scope or costs require specific approval before proceeding. This includes any contemplated increases to the school building area beyond the approved area.

5.3 Management, Reporting and Audit of Approved Funding

School jurisdictions must comply with legislation and policy relating to capital contributions, proceeds from sale of property including land, and interest earned, and must report these items in their audited financial statements.

- Capital advances, including related interest, must be accounted for in school jurisdiction audited financial statements in accordance with the applicable recommendations of the Canadian Institute of Chartered Accountants (CICA).
- Detailed guidance on accounting and financial reporting for government capital revenue will be included in the Audited Financial Statement Guidelines document, issued to school jurisdictions in advance of the preparation of year-end audited financial statements.

5.3.1 Managing Interest Income

The school jurisdiction must track interest earned on the project funding advanced and must only use the interest earned for school building capital infrastructure needs within the jurisdiction, upon approval from the Minister of Education.

School jurisdictions must use interest income, along with funding provided by Education, to manage cost overruns and complete projects.

Interest income must be used in the following priority order on:
- the project to which it relates (e.g., to cover market condition increases),
- other Education approved capital projects (e.g., to cover cost increases), and
- IMR projects.

5.3.2 Managing Approved Funding

- If the school jurisdiction can reduce the building construction cost to an amount that is less than the approved funding and meet Infrastructure's Design and Construction Standards, the cost savings may be applied toward other components subject to the restrictions detailed in section 5.1., and with the approval of Education and Infrastructure.
- Without the prior approval of Education and Infrastructure, a school jurisdiction may not apply cost savings from the building construction component to an increase in the scope of the capital project (e.g., additional space) or to other approved capital projects.
- Any project surpluses will be reviewed on a case-by-case basis by Education. and Infrastructure. The Ministery of Education may recoup surplus project funding for redeployment to other priority capital projects.
- Before the final funding on any project is released, a *Statement of Final Cost* (SFC) must be received by Education from the school jurisdiction indicating that the project is complete. Release of the final funding will be subject to receipt by Infrastructure of a small-scale plan in acceptable format and detail.

Resources

Design and Construction Standards and Guidelines for School Facilities *http://www.infrastructure.alberta.ca/Content/docType387/Production/designconstruction.pdf*

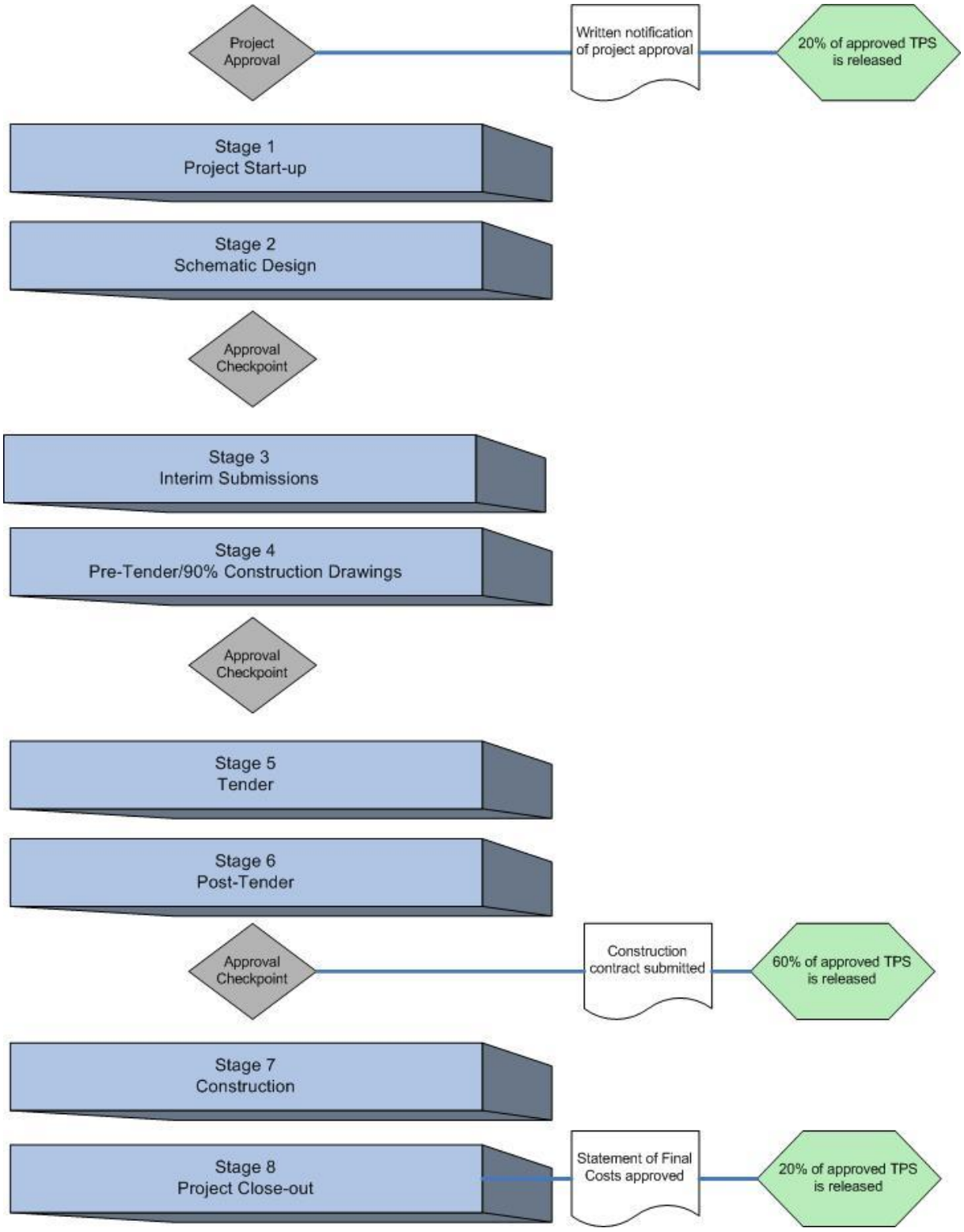
Guidelines for Upgrades to Building Elements and Systems *http://www.infrastructure.alberta.ca/Content/docType387/Production/designguidefeb2000.pdf*

School Buildings and Tendering Regulation is available from Queen's Printer at *www.qp.alberta.ca/570.cfm?frm_isbn=0773263403&search_by=link*

5.4 Project Stages & Requirements

School jurisdictions must submit information to Infrastructure for review at identified stages (see chart on the next page). At Stages 2 to 6, the school jurisdiction should relay confirmation of the review and all technical review comments, to all project consultants. The schedule of payments may be determined by the Ministers of Education and Infrastructure to meet capital financial requirements **OR** as outlined on the schedule of payments illustrated in the flowchart on the next page.

Figure 3: Project Stages and Schedule of Payments



Education will provide formal written notification to school jurisdictions of approved projects. The first 20% of the TPS will be provided to the school jurisdiction.

5.4.1

This stage is the time to engage consultants for the approved capital projects. Prior to commencement of the project, school jurisdictions must submit the names of the project design team members, including the project prime consultant and sub-consultants, the cost consultant and the individual assigned to act as the school jurisdiction's project manager, and a description of their related experience to Infrastructure.

Prime Consultant Services

The school jurisdiction must retain a prime consultant for new and modernization projects who could be either the architectural consultant or the engineering consultant responsible for design of the largest portion of the work.

The prime consultant will function as the project coordinating registered professional and provide the required team of registered professionals of record as required by the *Alberta Building Code* Part 2.

All school capital projects should receive full basic services as outlined by the *Recommended Conditions of Engagement & Schedule of Professional Fees for Building Projects* jointly developed by the AAA and the APEGA. It is strongly recommended that school jurisdictions consider in their consultation selection process, Infrastructure policy that includes the following methods:

Resources

Recommended Conditions of Engagement & Schedule of Professional Fees for Building Projects is available from the Association of Professional Engineers and Geoscientists of Alberta (APEGA) http://www.apegga.org/Members/Publications/guidelines.html
Consultant Selection Policy for Building Infrastructure Consulting Services is available at *www.infrastructure.alberta.ca/Content/docType486/Production/consulselect.pdf*

Canadian Standard Form of Contract for Architectural Services is available at *www.raic.org/practice/contract_documents/document6_e.htm*

- For commissions exceeding $75,000, a Value-based Selection method is recommended.
- For commissions less than $75,000 a Qualifications-based Selection process is recommended.

For owned infrastructure commissions over $75,000, the *Canadian Standard Form of Contract for Architectural Services* is used as the basis for consultant contracts.

Cost Consultant Services

Cost consulting services are to be provided by an independent professional quantity surveying practice. These services are required for all projects where the building construction/site development component exceeds $1,000,000. Cost consulting services include:

- Cost estimates at each of the submission stages indicated in Stages 2 to 6.
- Cost checks and costing input as necessary at each stage to bring the project construction estimate within approved budget.

Required services constitute full services for a complex construction project, while actual services required will be dictated by project requirements and the number of submissions required by the school jurisdiction.

School jurisdictions and cost consultants are expected to conclude fixed fee agreements for the required services at the various stages (see section 4.3.1.2 and Appendix B). If additional fees are required for project requirements, the project expenses component can be used.

Consulting Fees

It is recommended that school jurisdictions conclude fixed fee agreements within the approved cost components for services in the total project cost (see section 4.3.1.2 and Appendix B).

> Additional fee support will not be provided if the tender cost for construction exceeds approved costs or the approved pre-tender estimate.

Once the design and consulting team has been formed, school jurisdictions must submit the following deliverables to Education and Infrastructure:

- Design Team names,
- Cost Consultant name, and
- Proposed Project Schedule.

5.4.2

School jurisdictions must submit two (2) copies of each of the following deliverables to Infrastructure for approval:

- Schematic Drawings,
- Elemental Cost Plan,
- Design Brief, and
- Project Report - addressing consultant team code analysis, detailed documentation of scope of work (audit upgrading), design criteria applicable to the

project (and education program), project schedule (with phasing to address instructional needs during construction) and TPC breakdown (including soft costs).

The Project Report must indicate where the minimum standards identified in the *Design and Construction Standards and Guidelines for School Facilities* have not been met and the reasons why. (Available on Infrastructure's website at http://www.infrastructure.alberta.ca/738.htm)
Note: This document is under review and will be updated once the review is complete.

If approved: Infrastructure will send notification to the school jurisdiction authorizing them to proceed to working drawings.

5.4.3

Interim submissions are determined on a project-by-project basis at project start-up, provided the project scope and budget continue to conform to the reviewed Schematic Design drawings. **Should any changes be proposed or anticipated, the following deliverables must be submitted to Infrastructure:**

- Revised documents incorporating any substantive deviations from the approved drawings or project scope - for further review prior to commencing working drawings.
- Identified revisions to bring the project back within approved budgets if cost estimates at any stage indicate the project will exceed the TPC budget and funding.

5.4.4

School jurisdictions must submit electronic (pdf) copies or two (2) hardcopies of the following deliverables to Infrastructure for approval at least four weeks prior to proposed date of tender. Electronic documents are preferred.

- Working drawings and specifications (including complete front end) at 90% stage.
- Pre-tender report, detailed pre-tender estimate in uniformat (separated into expansion component and modernization component, if applicable), including a trade breakdown.

If approved: Infrastructure will send notification to the school jurisdiction authorizing them to proceed to the Tender stage.

5.4.5

School jurisdictions must submit one full package of the documents for tender (e.g., drawings, specifications and all addenda) to Infrastructure. A **60-day tender acceptance period** is required.

5.4.6

Post-Tender Procedures for Projects over $200,000

All projects must be tendered in accordance with the *School Buildings and Tendering Regulation* and with the *New West Partnership Trade Agreement* at http://www.newwestpartnershiptrade.ca/ as it pertains to school jurisdictions. Notwithstanding, any stipulated lump sum tender (or sub-trade tender within an alternative scheme, e.g., construction management) in excess of $200,000 must be submitted to Education and Infrastructure for review and approval.

Resources
School Buildings and Tendering Regulation is available online at *www.qp.alberta.ca/570.cfm?frm_isbn=0773263403&search_by=link*

Procedures

- School jurisdictions must submit bids/tenders for Infrastructure's review and approval prior to awarding contracts over $200,000. These are contracts that require Contract Review Committee (CRC) approval prior to signing.
- The following documentation is required to be submitted in electronic format (PDF). Please do not submit original documents:
- Bid documents issued to bidders and any addenda, if not previously submitted at the time approval to tender was sought.
- A list of all bidders and their respective prices, including base bid prices and alternative prices where applicable.
- Bid submissions for all bidders, including all specified attachments, including bid bonds, performance bonds, site safety compliance certificates, sub-trade lists, etc. (including any bids judged to be invalid or non-compliant).

- Copy of any requests to withdraw after the bid closing time, stating reason for withdrawal (e.g., error).
- Copy of any contract changes (including price reductions or incorporation of separate prices) negotiated after bid closing.
    - Any other information pertinent to a bidding process irregularity of any kind.
    - Letter of Recommendation from the Board (should include pre-tender estimate, bid closing date, and inclusion of alternate/separate price items if applicable).
    - Letter of Recommendation from the Board's Consultant.
- A stamped set of construction drawings is still required by Infrastructure either prior to tender close or shortly thereafter. These drawings are kept on file for the duration of construction.
- In order to allow sufficient time to review the documentation and present it to CRC, please ensure that bid packages are submitted at least 45 days prior to the bid expiry date.

If approved: Education and Infrastructure will send a letter to the school jurisdiction authorizing them to accept the tender. School jurisdictions must submit a copy of the signed contract with a contractor or subcontractors, in the case of a construction or project management scheme, or notification of the start of construction when own forces are used. Once a copy of the signed contract is received., the next 60% of the funding will be provided.

5.4.7

- School jurisdictions will submit a copy of the Certificate of Substantial Completion to Infrastructure within 15 days of being issued by the prime consultant.
- The school jurisdiction must receive copies of record drawings and operations and maintenance manuals from the prime consultant.

5.4.8

School jurisdictions will submit a Statement of Final Costs no later than twenty-four (24) months after the date of Substantial Completion after which point it will forfeit any remaining funding. Upon approval the remaining TPS funding will be provided.

- Eighteen months after the Certificate of Substantial Completion has been signed, the jurisdiction will be sent a reminder indicating it has six months left to process its Statement of Final Costs, after which point it will forfeit the remaining funding.
- If 24 months pass without receipt of the Statement of Final Costs, the school jurisdiction will be advised that the project is closed and no further funds will be advanced.
- Should the jurisdiction encounter any extenuating circumstances that would warrant an extension in the proposed timelines, written notification should be forwarded to Education's Executive Director, Capital Planning outlining the situation and requesting an extension.

5.5 Cost, Quality and Schedule Requirements

All construction must conform to the *Alberta Building Code Regulation.* In addition, modernization work must follow the *School Facilities Guidelines for Upgrades to Building Elements and Systems*, while new construction (including replacement facilities) must conform to the *Design and Construction Standards and Guidelines for School Facilities*.

Current support prices for new construction include site development and contingencies within the basic building construction cost component.

Resources

School Facilities Guidelines for Upgrades to Building Elements and Systems at *http://www.infrastructure.alberta.ca/Content/docType387/Production/designguidefeb2000.pdf*

Design and Construction Standards and Guidelines for School Facilities are available on Infrastructure's website at *http://www.infrastructure.alberta.ca/Content/docType387/Production/designconstruction.pdf*

Alberta Building Code Regulation is available from Queen's Printer at www.qp.alberta.ca/

5.6 Contracting Requirements for Projects over $200,000

- Ministerial approval given to proceed with tendering of the project assumes a standard design-bid-build process of project delivery, with a stipulated price form of contract such as the Canadian Construction Documents Committee - CCDC-2 - 2008 available at www.ccdc.org.
- Contracting Principles govern procurement by contract of all goods and services necessary to complete a building infrastructure project, including furnishings and equipment procurement contracts. Consultant selection should be based on the qualifications-based selection method.
- Any school building contract valued over $200,000 must be approved by Infrastructure's Contracts Review Committee (CRC) prior to award.
- For projects with construction cost of less than $500,000, school jurisdictions with sufficient capacity may complete construction with own forces. Any sub-contracts over $200,000 must be submitted to Infrastructure for CRC approval.
- Project delivery by construction management for projects over $200,000 requires Infrastructure approval of the scheme prior to the jurisdiction proceeding with obtaining tenders or quotations from builders and suppliers.

Avoiding Unnecessary Bid Requirements

- Recent experience has demonstrated a growing number of projects where the lowest bid submission was deemed non-compliant because it failed to meet the requirements for completing various appendices attached to the bid documents. As a consequence, the school jurisdiction has sometimes had to secure additional funding to award the project to a compliant, but higher bidder.
- To reduce the number of these instances, school jurisdictions should work with their consultants to ensure that calls for bids require only those types of information that are absolutely necessary for consideration of the contract award (i.e., firm name, price, signature, seal, date and insurance).
- Supplementary information can be obtained by indicating within the bid documents that further details may be requested of the bidder after tender opening (i.e., lists of sub contractors, cost breakouts, alternate prices and separate prices).

5.7 Construction Management Guidelines

5.7.1 Construction Management Scheme

School jurisdictions may use a construction management scheme, subject to Infrastructure's approval, as an alternate scheme of construction for approved school building projects of any size, subject to fulfillment of the following guidelines:

Resources
Construction Management: An Owner's Guide to Using the 'Construction Management' Project Delivery System on Alberta Infrastructure Funded Building Projects
Available at http://www.infrastructure.alberta.ca/Content/docType486/Production/ConstMgmt.pdf

- The selection of a construction management firm must be made by public request for proposals; the criteria for selecting a firm must be quantifiable; and information on the criteria and the method of selection must be made available to all proponents. The school jurisdiction must submit the proposal that it wishes to accept to Infrastructure for approval.
- All sub-trades that equal or exceed $200,000 or at least 90 percent of the total construction work must be publicly tendered.
- School jurisdictions must provide an assurance that the project will be completed within the approved budget.
- The construction management firm must not be involved in any actual construction except for the following:
  - hoarding,
  - site clean up,
  - supply of temporary project shacks and cover,
  - supply of temporary heat,
  - supply of temporary toilet facilities,
  - hoisting,
  - supply of temporary services including telephone, water and power to the site, and/or
  - miscellaneous items for which a sub-contract bid is not usually called, including casual carpentry and blocking for other trades.

5.8 Project Implementation by Infrastructure

Since May 2011, government has established a new model for many of the approved new, replacement and modernization school projects. In this model projects have been procured and delivered by Infrastructure. It is expected that as school projects are identified, consideration will continue to be given for the two models of delivery: grant funded to school boards and delivery by Infrastructure. Education and Infrastructure will jointly support school jurisdictions throughout the process.

Procedures

- Shortly after school projects are approved and announced, a preliminary meeting with be held with representatives of the school jurisdictions, Education and Infrastructure to discuss the project scope and confirm capacity and grade structures of the schools.
- Consultants/architects will be engaged by the GOA – not the school jurisdictions.

Roles and Responsibilities

Role of Education

- **Lead the planning of the projects**
    - Confirm scope, capacities, grade configuration, sites, program to the point of design.
- **Education Senior managers included in the design meetings**
    - Education senior managers will be involved in all of the design meetings to provide school jurisdictions with support in the area of education programming e.g. CTS, fine arts, etc.
    - Education senior managers will continue to liaise with school jurisdictions and the project managers throughout the project.
- **Provide the budgets for Furniture and Equipment (F&E) and Career Technology Studies (CTS)**
    - Education will provide school jurisdictions with budgets for F&E and CTS one year prior to the completion of the project.
- **Partnerships and funding agreements**
    - Education, in collaboration with the school jurisdiction, will engage in discussions on partnerships and receive commitment from the partners involved in any partnerships.
    - Education will develop funding agreements for school jurisdictions and third party contributors to the project.

Role of Infrastructure

- **Lead Implementation of Approved Projects**
    - Engage and manage the services of professional consultants and general contractors to carry out design and construction.

- **Project Management and Direction**
    - Schedule, Cost, Scope, Quality
    - Procurement: RFQ, RFP, Tender Process
    - Contract award
- **Contract Management**
    - Coordination of design and construction
    - Site Meetings
    - Instructions to Contractors, Change Orders, Payment

Role of School Jurisdiction

- **Providing functional program and design input**
    - Determining educational programming emphases (including CTS strands). Providing input on design and program. Coordinate and identify a primary spokesperson who can speak on behalf of the jurisdiction e.g. administration, teachers, parents, etc.
- **Navigating their local processes e.g. school board meetings to provide timely responses and decisions to aspects of the design.**
- **Creating the community partnerships**
    - School jurisdictions are responsible for having discussions with interested partners and receiving commitment within parameters e.g. time, etc.
- **Participating in design reviews**
    - School jurisdictions are involved in reviews of the schematic designs at 30%, 70%, 90% etc.
    - Sign off on final design at the Development Reports stage and provide certification that the school can accommodate the specific capacity of the school.
- **Providing furniture and equipment, including CTS**
    - Responsible for fitting up the schools and making any decisions regarding needed furniture and equipment for the schools
- **Operating the schools**

6. School Design and Determining Area, Capacity and Utilization

The capacity of schools is determined on the following basis:

6.1 School Design

School design and area allocations must be in accordance with Appendix B.

6.2 Area and Capacity

The Area per Student concept and calculation designates recommended space for each student, based on their grade structures, the type and scope of educational programs within the school, exempted space and other variables. To calculate the capacity, school jurisdictions need to apply the Area per Student concept and calculation to each school from the tables as outlined in Appendix C. The following are two other important considerations:

- The capacity of a school will remain as calculated unless the school receives additional space in the form of new construction or modular classrooms, or the grade configuration changes. If modular classrooms were removed or a demolition occurred, the capacity would decrease.
- For high schools built in 1990 or earlier, area and capacity is determined individually by Education and Infrastructure. High schools built in 1990 or earlier are configured differently from more recently built high schools and the Area per Student concept and allocations of instructional and non-instructional area are not compatible with the design of these high schools. If these high schools undergo comprehensive modernization, the Area per Student concept will apply to calculating capacity.

6.3 Career and Technology Studies (CTS) Labs

Schools offering K-9, K-12, middle school (grades 5-9), junior high (grades 7-9), and senior high (grades 9-12 or 10-12) programs are eligible for CTS labs which may be addressed through expansion and modernization projects. The minimum eligibility is one CTS lab for every 200 students enrolled in grades 7 or higher. The allocation of space for each lab will be no larger than 200 m^2, including wall and circulation areas.

To determine a school's eligibility for more than one lab, divide the total number of students enrolled in grades 7 or higher by 200 students per lab, and round to the nearest full lab.

Example:
Middle School (grades 5-8)
Total enrolment is 550 students, 279 students in grades 7 and 8
279 enrolment/200 students per lab = 1.40
Result - This school is eligible for 1 CTS lab

6.4 Utilization Rate

The Utilization Rate formula is currently under review and this section will be updated upon completion of the review.

School jurisdictions, in consultation with Education and Infrastructure, have established geographic sectors within each school jurisdiction for the purposes of calculating utilization rates. A school jurisdiction may be eligible for expansion funding in a specific geographic area of its jurisdiction (because the utilization rate in that area is at or above 85%) even though the utilization rate for the school jurisdiction as a whole is below 85%.

6.4.1 Process for Determining Utilization Rates

The chart on the next page shows the process for determining the utilization rate.

Area Capacity and Utilization Calculation

Total Capacity

$$\frac{\text{Total gross area (m2) - Core Area (m2) Exempt. - Partner Area (m2) Exempt. - CTS Area (m2)}}{\text{Area per student*}} + \text{CTS Capacity} = \text{Total Capacity}$$

Net Capacity

Total gross area (m2) - Core Area (m2) Exempt. - Partner Area (m2) Exempt. - CTS Area (m2) = Total Gross Area net of CTS,Core & Partner Areas Exemption (m2)

$$\frac{\text{Total Gross Area net of CTS,Core \& Partner Areas Exemption (m2) - Lease exemption (m2)}}{\text{Area per student*}} + \text{CTS Capacity} = \text{Net Capacity}$$

Total Adjusted Enrolment

(ECS x .5) + (Grades 1 to 12) + (Special Education x 2) = Total Adjusted Enrolment

Utilization %

Adjusted total enrolment / Net capacity = Utilization %

6.4.2 Calculating the Utilization Rate

STEP 1 - Apply the Student Allowance Factor to the FTE enrolment count.
This step typically increases the enrolment calculation of a school as compared to the actual count of students.

- Some students with special needs require more space than other students and some programs require additional space per student for effective and safe delivery of programs.
- The Student Factor allows jurisdictions flexibility to use the remaining 15% (i.e., 100% minus 85%) to accommodate students with special needs (Mild and Moderate categories) and programs such as English as a Second Language (ESL) and the Knowledge and Employability (K&E) program. (See Appendices D and E.)
- Integration of the Student Allowance Factor into the utilization calculation will recognize the space requirements for students in **Special Education – Severe Disabilities** categories. A factor of three (3) times the enrolment of Special Education – Severe disability category students is used in the utilization calculation.

Resources
Funding Manual for School Authorities is available online at *http://education.alberta.ca/admin/funding/manual.aspx*
Special Education Coding Criteria is available online at *http://education.alberta.ca/media/825847/spedcodingcriteria.pdf*

Step 2 - Calculate the utilization rate of designated Special Needs Schools, K&E Schools or ESL Schools using the Student Allowance Factor (see Appendix C).
A school or a portion of a school may be designated as a Special Needs School, a K&E program school or an ESL program school where the entire student population will be students with special needs, K&E or ESL students as follows:

- In urban areas, school jurisdictions must identify an entire school for designation as a Special Needs, K&E or ESL School
- In rural areas, school jurisdictions must identify a separate wing of a school as a Special Needs, K&E or ESL school
- School jurisdictions may apply to Education to have a school or portion of a school (rural areas only) designated as a Special Needs, K&E or ESL School.

Education in consultation with Infrastructure will review the application. Infrastructure will also review the proposed designated facility and its ability to accommodate these programs. If the application and facility are acceptable, a school (urban location) or separate wing of a school (rural location) will be designated as a Special Needs, K&E or ESL school.

For utilization calculation purposes, the gross area and enrolment of the designated school or wing of a school will be taken out of the geographic sector in which it is located and will be added back to the school jurisdiction's total gross area and enrolment to calculate the utilization rate for the jurisdiction.

For designated Special Needs, K&E or ESL schools, the Student Allowance Factors are as follows:

- 3.0 times the enrolment for Special Education – Severe Disabilities (all Education Code 40 category) students
- 1.5 times the enrolment for Special Education – Mild/Moderate, K&E and ESL students.

STEP 3 - Calculate area exemptions for leased and other exempt space (see Appendix D).

Area exemptions allow school jurisdictions to deduct some types of space from their total capacity in calculating the jurisdiction's utilization rate. Section 200(2) of the *School Act* authorizes school jurisdictions, subject to the section, the regulations, Part 17 of the *Municipal Government Act* and the *Public Lands Act*, to sell, lease, rent or otherwise dispose of any of its real property with the written approval of the Minister. *The Disposition of Property Regulation*, as authorized under section 200 (2) of the *School Act*, allows school jurisdictions to lease out real property, including school buildings, without prior approval of the Minister (see Appendix E).

School jurisdictions can also close a school subject to the requirements of the *Closure of Schools Regulation* (see Appendix E). The area exemptions in this document include a provision to remove a closed school's area from the school jurisdiction's total area as soon as the school has been closed. This procedure allows school jurisdictions to base their utilization rate on the usable capacity of their schools.

The following are the area exemptions granted to school jurisdictions for the purpose of calculating their utilization rates:

- Area of schools that are closed permanently subject to section 2(a) of the *Closure of Schools Regulation,*
- Area leased to the public sector and non-profit groups, with the lease rate being at cost or for a nominal fee,
- Area leased by private schools,
- Area leased by charter schools, and
- Decentralized administration space in schools.

Area exemptions will not be granted for space leased to the private sector for non-private school use.

7. Infrastructure Maintenance and Renewal (IMR) Program

7.1 Program Description

A school jurisdiction's first priority is to ensure that health, safety and essential upgrading needs, including emergent projects, are met. School jurisdictions should set aside a contingency amount to address emergency projects.

IMR contributions may only be spent for approved purposes.

School jurisdictions may use this funding to:

- Ensure school facilities meet all regulatory requirements, particularly as they pertain to providing a safe and healthy learning environment.
- Preserve and improve the quality of the learning environment by:
    - Replacing building components that have failed,
    - Prolonging the life of the facility through planned,
    - Proactive replacement of major components, and
    - Upgrading of the educational areas to meet program requirements.
- Meet the facility requirements of students with special education needs.
- Replace or upgrade building components to improve energy conservation and efficiency and to achieve costs savings as a result.

The IMR program funds projects valued at up to $1 million for renovations and/or upgrades to a facility. Requests to use IMR funding for a project in excess of $1 million requires the advance approval of the Minister of Education.

If a question exists about whether a project is supportable under the IMR funding framework, school jurisdictions should consult with the appropriate Education Manager before beginning the project.

7.2 IMR Yearly Process and Requirements

1. In **September** of each school year, jurisdictions will receive up to 50% of their annual IMR funding in accordance with the schedule identified in the *Funding Manual for School Authorities.* The remainder of the allocation (100% less previous payment) will be forwarded by April 30 of the following year, providing Education received the previous school year's School IMR *Statement of Actual Expenditures* submitted through ReCAPP along with the accompanying *IMR Report Cover Sheet* due by December 31 of the previous year. (see below) If the year-end reporting is not completed and submitted, all future IMR allocations are withheld until the paperwork has been submitted and approved.

2. By **October 30** of each year, school jurisdictions are required to develop annual IMR expenditure plans and upon request, provide them to Education. (A school jurisdiction is not required to identify IMR funded projects in its Three-Year Capital Plan).

3. Expenditure plans and actual expenditures are to be entered into the Renewal Capital Asset Planning Process (ReCAPP®) system on an ongoing basis throughout the year.
(ReCAPP® is a software program managed by Infrastructure to assist school jurisdictions to plan and prioritize the renewal of school physical assets using lifecycle planning principles.) Jurisdictions needing further information about ReCAPP® should contact their respective North or South, Alberta Infrastructure Director.

4. By **December 31** of each year, as part of the year-end reporting process, school jurisdictions are required to complete and submit the detailed IMR *Statement of Actual Expenditures* (printed from ReCAPP® Report Manager Shared Reports) for the previous school year. Jurisdictions must also submit the *IMR Report Cover Sheet* downloaded from the *Alberta Education School Infrastructure Resources* web page *(*http://education.alberta.ca/department/ipr/capitalplanning/infrastructureresources.aspx *)* that is used to manually enter events which could not be updated in ReCAPP® because the assets were locked. Note that this data should still be entered into ReCAPP® once the school is unlocked. The cover sheet can also be used for projects that cannot be assigned to particular schools or the projects that spend small amounts of money (less than $500 per school) in multiple schools. The release of a jurisdiction's second installment (50% of the IMR allocation) may be withheld if this report is not received on time.

See Appendix F for details of Program Funding Priorities and Categories.

5. **IMR funding and reporting for jurisdiction-owned facilities leased to other jurisdictions**
As of September 2011, a new policy was implemented regarding the leasing of facilities from one school jurisdiction to another. Education no longer approves lease support funding for facilities that were originally built, in whole or in part, with government funds. Existing leases for these facilities are being phased out.

For public school jurisdictions that lease such facilities to other jurisdictions (usually to Francophone regional authorities and charter schools), Education will provide IMR funding in lieu of lease support as each existing lease expires.

For IMR calculation purposes, the enrolment of the jurisdiction using a facility (lessee) will be added to the facility owner's (lessor) enrolment. In addition, the area, age of the building, location factor and GST will be included in this calculation.

Jurisdictions are expected to use IMR funding to maintain all their publicly-owned facility assets to:
- Ensure facilities meet regulatory requirements.
- Preserve the learning environment
- Replace or upgrade building components

Decisions regarding IMR planning and expenditures are the responsibility of the lessor.

Upgrading of the facility to meet the programming needs of students is the responsibility of the lessee. When such a need exists, funding requests to meet these needs are to be included in the annual capital plan submission of the lessee

jurisdiction. The approval of the lessor must be obtained prior to undertaking any renovations.

The lessor reports IMR expenses on a leased facility in the same manner as other jurisdiction IMR projects.

7.3 Financial Reporting

School jurisdictions should recognize IMR contributions as revenue in the year of the corresponding IMR spending, whether expensed or capitalized. This will result in IMR contributions that are capitalized having a positive effect on a school jurisdiction's annual surplus/deficit.

Unexpended IMR funding will appear on the jurisdiction's audited balance sheet as Deferred Revenue.

IMR grants used for capitalized expenditures **related to school buildings** must be treated as supported capital revenue and deferred as EDCR in accordance with the Audited Financial Statement Guidelines. Any other IMR capitalized grant is to be treated as board-funded.

7.4 Calculation of IMR Funding

Funding is calculated based on the following factors:

- The number of FTE students in grades 1 to 12 and 50% of the Early Childhood Services (ECS) FTEs (these counts will be for the previous school year).
- The area (in square metres) of school facilities in active use for the instruction of ECS children and students in grades 1 to 12.
- A weighted Age Factor for the jurisdiction's school facilities.
- An amount for non-refundable GST (1.6%).

Note:

- P3 Schools that receive Maintenance and Renewal Funding are not eligible for IMR Funding.
- Effective September 2011, where a jurisdiction leases a facility to another jurisdiction and lease support has been phased out, the FTE enrolment area, and age of that facility will be added to the owner jurisdiction's FTE enrolment, area and age for the purposes of the IMR calculation.

The percentage of total funding by factor is as follows:			
FTEs	**Area**	**Age**	**Other factors such as GST**
50%	24.0%	24.0%	2.0%

STEP 1 - Calculate [(Jurisdictional FTE Enrolment) x (Area per Student by Grade Structure)] x (Total IMR Allocated by FTE Enrolments ÷ Total Baseline Area)

- The Jurisdiction FTE Enrolment is for the most recently completed school year, based on that year's Frozen Funded Head Count as of May 31.

- Funded ECS children are counted as 0.50 FTE's. Students with severe disabilities are counted as 3 FTE's. Online students are counted as 0.10 FTE's.
- The supported area per student by grade structure is 11.45 m^2 for grades K-6; 10.82 m^2 for grades 7-9 and 10.87 m^2 for grades 10-12.

STEP 2 - Calculate (Jurisdictional IMR Supported Gross Area) multiplied by (Total IMR Allocated by Area ÷ Total IMR Supported Area)

The Gross Area used in the formula reflects the data available through the School Facilities Database System at the time the funding is calculated.

STEP 3 - Multiply total funding from Steps 1 and 2 by the Age Factor

The Age factor is derived as follows:
- Divide the gross area of each section of each facility in each jurisdiction by the total supported gross area for the jurisdiction.
- Multiply the age of each supported section of each school in the jurisdiction by the value from step 1.
- Calculate the sum of the values by section and year from step 2 adjusted to two decimal places.

STEP 4 - Multiply the sum of Steps 1 to 3 by the GST allocation percentage.

The Sum of Steps 1 to 4 = Total Funding by Jurisdiction

8. Plant Operations and Maintenance Funding (PO&M)

PO&M funding is provided by Education for the maintenance and operation of school buildings to ensure they are safe, comfortable and suitable learning environments for children.

This funding is different from the Infrastructure Maintenance and Renewal funding which is used for component replacement and the upgrading of existing school facilities.

PO&M funding details can be found in the *Funding Manual for School Authorities at* http://www.education.alberta.ca/admin/funding/manual.aspx under part 1, section 1.17 and part 2, section 2.5

9. Charter Schools

9.1 General

Information on Education's support for newly established or existing charter schools can be found in Appendix G: *Protocol for Provision of Space For Charter Schools*.

Charter schools may submit to Education, annually, a Three-Year Capital Plan, which must list their highest priority capital projects for funding consideration including the upgrading of existing facilities and the provision of additional space to accommodate their program.

The plans must be submitted by a date established and communicated by the Ministry.

A new Charter School may be established following a process identified in the *Charter School Regulation.* Expansion of enrolment would require approval of Education and be subject to available space.

It is the intent of government to establish sustainability in Charter school access to school facilities and align it with the term of the charter.

9.2 Leasing of School Facilities

Education may provide funding for the lease of facilities for the instruction of charter school students where a charter school does not have a facility.

Funding may be provided for a charter school to lease a facility based on the following options in order of preference:

- The preferred option would be to occupy surplus space from a public or separate school jurisdiction in the area. In this case, funding is provided in the form of Infrastructure, Maintenance and Renewal (IMR) funding paid to the host board.
- Where this type of space is not available, the charter school may lease other public/government facility space to which students might be reasonably transported.
- Where attempts to lease facility space through the above two options are unsuccessful, the charter school may enter into negotiations with a private landlord.

Lease funding **will not** be provided to a charter school:

- For purposes other than the instruction of students.
- For physical and recreational activities with the exception of gymnasiums.
- For lease costs that are covered by a charter board's insurance.
- For programs that have not been granted prior approval by Education.
- Where it has a financial interest in the facility used to accommodate the Charter School's students.

A charter school requesting funding approval for the leasing cost of a school facility must identify the request to the Senior Manager in Capital Planning and provide relevant information including: terms of the approved charter, current and projected enrolment, available space, desired location and record of communication with local boards.

All new requests for lease support must be submitted for decision prior to the charter school entering into a lease agreement. See Section 2.4.2 for details.

9.2.1 Leasing From a Host Jurisdiction

If a charter school is approved to lease school facilities from a school jurisdiction, the following terms apply:

- Since September 2011, a new policy has been in place regarding the leasing of facilities from one school jurisdiction to another, including to Charter Schools. **See section 2.4.1**.
- For the purposes of the calculation of the Area, Capacity and Utilization (ACU) the host jurisdiction is eligible to receive a capacity exemption as determined by Infrastructure. The exempted space is excluded from the total capacity of the host jurisdiction.
- The host jurisdiction, as the owner of the facility, will receive Infrastructure Maintenance Renewal (IMR) funding and be responsible for the modernization (upgrades) of the facilities within the allocated IMR funding.
- The charter school will be given the first priority for renewal of the lease.
- It is the intent of the government to address the facilities needs for Charter schools in a manner which will provide sustainability and enable the management of the facility by the Charter School (e.g. ownership of building, access to capital and IMR funding and equitable access to Plant Operation and Maintenance funding).

9.2.2 Lease Support Approval

See Section 2.4 for the processes and procedures relating to requests for Lease Support.

9.3 Program-Related Funding Upgrades

Newly established charter schools and existing charter schools that have acquired a new facility by either lease or transfer of an existing facility **may** be eligible for funding to cover some costs associated with relocating to the new facility and undertaking essential work as approved by Education.

Please see section 2.5.5 for details.

A charter school's request for one-time modernization funding will be reviewed on a case-by-case basis. Funding will be provided based upon a review and assessment of the proposed scope of work as provided by the charter school and the host jurisdiction. Approved funding may be provided to the host jurisdiction to oversee the project.

9.4 Plant Operations and Maintenance (PO&M) Funding

PO&M funding is provided to charter schools for the maintenance and operations of school buildings that are safe, comfortable, and suitable learning environments for students. No application is required as funding is provided based on student enrolment. For more information about PO&M funding, refer to Education's *Funding Manual for School Authorities.*

Appendix A: Glossary

A	
AAA	Alberta Association of Architects.
ABC	Alberta Building Code.
Allowable Area	Space in a school facility, supported by Infrastructure and included in the Area, Capacity and Utilization Guidelines.
Alternative Schemes of Construction	Refer to *School Buildings and Tendering Regulation*.
Alternatives to Construction	Solutions for the accommodation of students that do not require the construction of school facilities. Such alternatives may include the expanded use of technology, introduction of year-round schooling, an extended school day, leased space or the sharing of facilities with other institutions.
Alternatives to Tendering Procedures	Refer to Reference 10 (1) - (3) of the - *School Buildings and Tendering Regulation*.
Ancillary Space	Instructional areas used for drama, music, arts and other multi-purposes
APEGA	Association of Professional Engineers and Geoscientists of Alberta.
Approval	"Approval" must be obtained from Education for every school building project intended by a school jurisdiction, as stipulated within the *School Act* (Sections 203 and 205).
Architectural Services	Are expressed as seven phases of services as outlined in the AAA/APEGGA Schedule of Designated Services and include: • Pre-design • Schematic Design • Design Development • Construction Documents • Bidding Negotiation • Construction - Contract Administration • Post-Construction and Supplemental Services
Area	Numerical amount of space expressed in square metres.

Area Capacity and Utilization Report (ACU)	A report from Infrastructure that provides total capacity and utilization rates for a jurisdiction and its school facilities.
Area Exemption	Refer to Appendix D
B	
Barrier Free	The *Alberta Building Code* defines the requirements to ensure that a school facility can accommodate people with special needs.
Base Instruction Funding	Under Education's Funding Framework the Base Instruction Funding provides for the cost of principals, teachers, instructional support staff, learning resources, and supplies, equipment, and furnishings used to provide instructional programs and services for students.
Best-value Selection	A procurement method whereby competitive proposals are solicited by means of a request for proposals process and a firm is selected whose proposal offers optimum value based on price as well as other considerations (e.g., experience, quality, performance, delivery time, life cycle cost, etc.).
Building Element	A major component, which is common to most buildings and serves the same function regardless of design, specification or construction.
Built-in Furniture	See Millwork.
Budget	See Project Budgets.
C	
Callable	Used in reference to cancellation of a rental lease agreement in order that a school jurisdiction may cancel a lease and therefore recover school space.
Capacity	The capacity of a new school and the method by which it is established as approved by Infrastructure. Records of capacity for all Alberta schools are maintained by Infrastructure and reflect the capacity established at the time of construction, minus any exclusions or exemptions subsequently approved by Infrastructure.
Capital Cost Guidelines	List of the maximum value of work (construction, consultants' fees, furniture and equipment, etc.) which is supported by Education and Infrastructure.
Capital Funding	Funding provided to school jurisdictions for school building projects in accordance with Education's approved budget schedule.
Capital Plan	Refer to Section 4.

Certificate of Substantial Performance of Work also referred to as the Certificate of Substantial Completion	A standard certificate issued by a contractor and verified by a prime consultant to indicate that construction work is substantially complete and the building is ready for use, as per the Canadian Construction Document Committee Document 2 (CCDC 2) - 2008 Stipulated Price Contract available at http://www.ccdc.org/.
Certificate of Total Performance	A standard certificate issued by a contractor and verified by a prime consultant to indicate that all work has been performed to the requirements of the construction contract documents as per CCDC 2 - 2008 Stipulated Price Contract
Code Requirements	The minimum requirements for construction defined by the *Alberta Building Code* and those standards referenced in the *Code*.
Composite Senior High School	A high school designed to provide students with academic, fine arts, and practical arts programs.
Conditions of Engagement	Refers to the *Recommended Conditions of Engagement* and *Schedule of Professional Fees for Building Projects*.
Construction Management Scheme	One where the school jurisdiction retains a construction management firm to manage all aspects of construction on the project.
Construction Phase	A stage in the development of the project that occurs after the construction contract has been awarded until the certificate of substantial completion has been issued.
Construction Progress Certificate	A schedule of the value of various parts of the construction work and the value completed to date as per Canadian Construction Document Committee Document 2 - 2008 Stipulated Price Contract.
Consultant	An individual or entity retained by a school jurisdiction to provide specific services during a prescribed period.
Contract Review Committee (CRC)	The committee is comprised of the Assistant Deputy Ministers of Infrastructure and reports to the Deputy Minister of Infrastructure. It ensures the department's policies and procedures governing the employment and treatment of contractors and consulting services are fair, fiscally responsible and in compliance with applicable legislative and regulatory requirements, including the *Agreement on Internal Trade*. The committee oversees the implementation of policies and procedures and continually assesses their effectiveness.
Contracting Activities	All processes, procedures, decisions and other activities related to the procurement, by contract, of all goods and services, including construction services, necessary to complete an infrastructure project.
Core Area	The space that is provided to meet the needs of the regular curriculum, including administrative and service areas.
Core School	A school building that is constructed with a permanent core and can be expanded or contracted by the addition or removal of modular classrooms.

Cost Consultant	An individual who has attained the professional designation of Professional Quantity Surveyor as conferred by the Canadian Institute of Quantity Surveyors (CIQS), or who has achieved the requisite equivalent level of academic and experimental achievement to be accepted as a professional member in CIQS. Cost consultant firms should have at least one Professional Quantity Surveyor acting on their behalf as a principal to be considered as viable candidates to provide cost consulting services.
CTS	Career and Technology Studies (CTS) is a complementary program designed for Alberta's secondary school students.
D	
Day Labour Scheme	Refer to section 5.7.1.
District Utilization Factor	See Utilization Ratio.
E	
ECS	Early Childhood Services programs provide services to meet the developmental needs of children before they enter Grade 1.
EIA	Educational Impact Assessment, included as part of a school jurisdiction's project funding request.
Elementary School	A facility which provides school space for grades 1 through 6 and Kindergarten.
ESL	English as a Second Language.
Expandable/Contractible	See Core School.
Expenditure Schedule	Schedule of projected payments and amounts to complete the project.
F	
Facilities Plan	A general or broad plan for facilities and facility development within a school jurisdiction.
Facility	Site, building or space within a building, which serves a number of specified space functions.
Facility Evaluation	Assessment of facility characteristics, which includes site, architectural and engineering components, maintenance planning, safety, space adequacy and environment protection, to determine the ability of the building to accommodate current and future needs.
Facility Project Plan	A specific, step-by-step plan which may be followed for an educational facility project.
Fiscal Year	The Government of Alberta fiscal year starts on April 1 and ends on March 31 of the following year.
Freestanding Portable/Modular Classroom	See Portable-freestanding.

Full-Time Equivalent Occupancy	Is used as a measurement of space utilization. Enrolment is calculated on the number of student spaces occupied throughout the school day. Part time student use is expressed in terms of full-time equivalent students (FTEs).
Funded Entity	A Municipality, Post-Secondary Educational Institution, Regional Health Authority, School Jurisdiction, Seniors' Lodge, or other similar 'owner' entity that receives funding from the Alberta Government for an infrastructure project, and includes any entity that may act as agent for any of the above entities.
Funded Facility Area	That portion of a facility that is supported by Education.
Funding Payment Schedule	See Payment Schedule.
Furniture and Equipment	Includes basic furnishings such as desks, seating, storage cabinets, tables and fixtures that are normally provided under a contract separate from the general construction contract.
G	
Gross Area	The area within the perimeter of a school building that is measured from outside to outside of the building's exterior finish.
I	
Infrastructure Maintenance and Renewal (IMR) program	Provides funding to (a) replace building and site components which have failed and pose health and safety problems for students and staff, (b) extend the useful life of school facilities and sites and (c) maintain the quality of the school environment.
Infrastructure Project	A project involving the design, construction, renovation, expansion, alteration, modernization, upgrading, rehabilitation, redevelopment, restoration, replacement, maintenance, repair, or demolition of a building, road, bridge, water treatment facility or other civil engineering works.
Impact Assessment	Determination of the impact, which may occur when a site is developed. The more commonly required assessments include environmental, archaeological and heritage building assessments.
Instructional Area	Those areas of a school building that are designated for purposes of instruction, examinations and other student activities where direct or indirect student-teacher interaction is maintained or scheduled. Also included are storage areas considered directly related to various instructional areas (i.e., gym storage, drama storage and science preparation areas).
Inventory of Space	A listing of a school jurisdiction's owned or leased facilities, which include facility area and usage.
J	
Joint Board of Practice	Refers to a joint committee of the Alberta Association of Architects and the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
Junior High School	A facility which provides educational space for students in grades 7 through 9.
Jurisdictional Capacity	Represents the total enrolment capacity for a school jurisdiction.
L	

Legislation	Refers to *School Act*.
Life Cycle Costing	Process that examines all costs associated with a facility project for the extent of its lifetime.
Location Factor	Additional funding for construction, provided on a square metre basis, for projects that are distant from the closest major urban centre. See also Major Urban Centres.
M	
Major Urban Centres	Defined as Edmonton, Calgary, Red Deer, Lethbridge, Medicine Hat, Fort McMurray, Grande Prairie and Lloydminster.
Maximum Building Gross Area	The funded gross area for new construction capital projects and modular classrooms as outlined in the Gross Area and Capacity Tables in Appendix C.
Mechanical Areas	Space included in the gross area calculation for mechanical and/or electrical plant and equipment.
Middle School	A facility which provides educational space for students in grades 5 through 9.
Millwork	Built-in cabinet work or customized furnishings of wood supplied under the general construction contract including cupboards, counters, benches, shelving, mirrors, chalk and tack boards, and built in seating provided by millwork sub trades.
Modernization Project	The restoration of an entire or a portion of a school facility to improve its functional adequacy and suitability for present and future educational programs.
Modular	A building material or component developed as a standard, which can be variously fitted together or has been designed as a detachable unit fitted for a specific purpose such as a classroom or laboratory.
Modular Classroom	Prototypical portable classroom units built at a central location and transported to schools across Alberta. These units are based on specifications that ensure significantly improved heating and ventilation, soundproofing, resistance to mold, ease of serviceability and several other factors that differentiate them for the older portables that are also part of schools across the province. The Government of Alberta's goal is to eventually replace all the older portables with the prototypical Modular Classrooms.
Modular Links	A modular connecting link is the connecting corridor used when attaching modular classrooms to the permanent building. A connecting link is normally built using wood frame construction and should be no larger than is necessary to provide sufficient setback from the permanent structure to meet the Alberta Building Code requirements for fire separation.
N	
Needs Assessment Report	A report that outlines a jurisdiction's educational needs, conditions of building components, sketch plan(s), brief description and cost estimate of proposed project(s).
Net Jurisdictional Capacity	Total capacity rating of all schools in a school jurisdiction less any approved leases and exemptions.

New Capacity	In the event that a new construction project adjusts the capacity rating, a new capacity will be incorporated to reconcile the school jurisdiction's total capacity one year after the date of Ministerial approval of the tender or alternate to tender scheme of construction.
Non-Instructional Area	Areas of a school building that are designated for administration, general storage, staff room and staff work area, infirmary, washroom, shower and change rooms, mechanical and electrical areas, entrances, circulation areas, elevators, ramps, and exterior walls.
O	
Online (Virtual) Program	An Online program is a program offered by a school that is delivered electronically at a school site or off-campus, under the instruction and complete supervision of a certificated teacher of a jurisdiction or accredited private school.
On-Site Services	Services located on the school site, such as water, sewer, gas, telecommunication and electrical lines.
Own Forces Work	A construction or construction related work performed with labour provided by the funded entity's employees (or full time contracted staff) and with equipment owned or leased by the funded entity.
P	
Payment Schedule	The percentages of payment to school jurisdictions that will be issued by Education for the support of approved school building projects. See Section 5.~~98~~, Figure 4.
Permanent Construction	An expansion project that does not include modular classrooms.
Physical Appraisal	An assessment and testing of existing facility areas, conditions, capabilities and adequacy.
Plant Operations and Maintenance Funding	Funding provided to address the costs associated with the maintenance and operation of schools to ensure they are safe, comfortable and a suitable learning environment for students.
Portable - Core	A portable physically connected to a permanent school building. May include connecting links if required by code. (See also Modular Classrooms)
Portable - Freestanding	A facility constructed for relocation from site to site and installed without physical connection to a facility of permanent construction. (See also Modular Classrooms)
Post-Occupancy Evaluation	The Post-Occupancy Evaluation process is used to assess the effectiveness of the overall facility planning strategy used in the development of a school building project.
Prime Consultant	A professional consultant or consulting firm appointed by a school jurisdiction to design and administer a capital project and to direct sub-consultants. The consultant team should consist of a minimum of an architect, structural, mechanical and electrical engineers.

Program Stage	First stage in the planning of a facility where the educational and facility requirements are defined.
Project	Capital funding provided for a project usually involves building construction but may be limited to furniture and equipment and purchase and/or development of the site.
Project Budgets	The project budget for an approved capital project that provides funds for costs such as building construction (including site development), consultant's fees, project expenses, furniture and equipment costs and non-refundable GST.
Project Implementation Schedule	A schedule of project planning, design, tender call, construction commencement and completion dates.
Project Management Scheme	The school jurisdiction retains a project management firm to manage all aspects of the project, including preliminary design, design, tender and construction.
Project Phases	Stages of project development include the program (or planning) stage, preliminary design, contract document, tender, construction and post-occupancy stages.
Property Development Branch	A branch within the Property Management Division of Infrastructure that provides professional and management services required to plan regional infrastructure, develop accommodation needs, deliver and administer building construction and tenant improvement projects on behalf of departments, boards and agencies of the Alberta Government.
R	
Regulations	Alberta Regulations deal with matters for which there is regulatory authority within the legislation.
Relocatable Section	A combination of one or more movable classrooms and/or related non-instructional areas that may be relocated without major dismantling and reconstruction when appended to another school building.
Right-Sizing	Reduction in capacity of an existing school to provide a more efficient use of the facility due to declining enrolments.
S	
Schedule of Fees	The minimum recommended percentage of fees for basic services on building projects endorsed by the Joint Board of Practice.
School Building	Means a building used for the instruction or accommodation of students that is owned or occupied by (i) a school jurisdiction, (ii) a school jurisdiction and a municipality, or (iii) a school jurisdiction and another person.
School Building Project	Means (i) the purchase, erection, relocation, renovation, furnishing or equipping of, (ii) making of structural changes in, (iii) the addition to or extension of a school building, or (iv) the building of access roads or site preparation for a school building.

School Capacity	See Appendix C.
School Day	A day of school operation as defined within the *School Act,* Section 56.
Senior High School	A facility which provides educational space for grades 10-12.
Site Development	Provision of utility services, access, location of buildings, playfields and landscaping.
Space Exemptions	The space excluded from the capacity of a school facility or from the total capacity of a school jurisdiction.
Space Function	The defined use of space within a school facility such as classroom, gymnasium and administration.
Statement of Final Costs	A statement submitted that lists all actual expenditures and funding for support costs of a school building project prior to issuance of a project's final funding payment.
Storage Space	The space provided for housing custodial supplies and equipment, textbooks and other stationery items.
Support Schedules	Schedule of financial support provided for approved projects.
T	
Technical Services Branch (TSB)	The branch within Infrastructure that provides a broad range of professional and technical support for the planning, design, documentation, tendering, construction, renovation, commissioning, use, operation and maintenance of government-funded facilities.
Tender Documents	Documents prepared by the consultant for the purpose of inviting bid prices for a project. Such documents may include working drawings, specifications, instructions to bidders, form of contract and general conditions of the contract.
Tender Regulations	All funded school building projects are subject to tender regulations within the *School Buildings and Tendering Regulation.*
Total Capacity	See Appendix C
Total Project Cost (TPC)	Represents the total cost of the project including all funding sources.
Total Provincial Support (TPS)	Represents the total project funding provided by the province.
U	
Utilization Ratio	The ratio determined by dividing a jurisdiction's total FTE student enrolment by its net capacity.
V	
Value Analysis	Value Analysis involves an in-depth study of a project or program to determine its functions, performance, durability and reliability, and to find the least costly solution to achieve a set of predetermined requirements.
Viability Plan	A review of a school or schools to determine the long-range need for the facility or facilities.
Viable Schools	Schools that are required for the long term to accommodate students.

Appendix B: Consultants' Fees, Project Expenses and Furniture and Equipment Support as a Percentage of Building Construction Cost

Expansion

Building Construction Cost (BCC)	Consultants' Fees, Project Expenses (%)						Furniture & Equipment (%)	
	Elementary		Junior High		Senior High		Elem.	Jr./Sr.
Additions	Fee	Exp.	Fee	Exp.	Fee	Exp.		
<$0.6 M	8.58	2.0	9.58	2.0	9.58	2.0	8.0	8.0
$0.6 M < $1.2 M	8.58 – 8.43	2.0	9.58 – 9.43	2.0	9.58- -9.43	2.0	8.0	8.0
$1.2 M < $2.5 M	8.43 – 8.15	2.0	9.43 – 9.15	2.0	9.43 – 9.15	2.0	8.0	8.0
$2.5 M < $5.0 M	8.15 – 7.75	2.0	9.15 – 8.75	2.0	9.15 – 8.75	2.0	8.0	8.0
$5.0 M < $8.5 M	7.75 – 7.37	2.0	8.75 – 8.37	2.0	8.75 – 8.37	2.0	8.0	8.0
$8.5 M < $12.5 M	7.37 – 7.08	2.0	8.37 – 8.08	2.0	8.37 – 8.08	2.0	8.0	8.0
$12.5 M < $25.0 M	7.08 – 6.61	2.0	8.08 – 7.61	2.0	8.08 – 7.61	2.0	8.0	8.0
$25.0 M < $35.0 M	6.61 – 6.42	2.0	7.61 – 7.42	2.0	7.61 – 7.42	2.0	8.0	8.0
> $35.0 M	6.42 (-)	2.0	7.42 (-)	2.0	7.42 (-)	2.0	8.0	8.0
Replacement Additions	Same as above						4.0	4.0
New Schools	Same as above						9.0	9.0
Replacement Schools	Same as above						4.5	4.5

Preservation

Building Construction Cost (BCC)	Consultants' Fees, Project Expenses (%)						Furniture & Equip. (%)	
	Elementary		Junior High		Senior High		Elem.	Jr./Sr.
	Fee	Exp.	Fee	Exp.	Fee	Exp.		
<$0.6 M	12.58	2.0	12.58	2.0	12.58	2.0	4.0	4.0
$0.6 M < $1.2 M	12.58 – 12.43	2.0	12.58 – 12.43	2.0	12.58 – 12.43	2.0	4.0	4.0
$1.2 M < $2.5 M	12.43 – 12.15	1.5	12.43 – 12.15	1.5	12.43 – 12.15	2.0	4.0	4.0
$2.5 M < $5.0 M	12.15 – 11.75	1.5	12.15 – 11.75	1.5	12.15 – 11.75	2.0	4.0	4.0
$5.0 M < $8.5 M	11.75 – 11.37	1.5	11.75 – 11.37	1.5	11.75 – 11.37	2.0	4.0	4.0
$8.5 M < $12.5 M	11.37 – 11.08	1.5	11.37 – 11.08	1.5	11.37 – 11.08	2.0	4.0	4.0
$12.5 M < $25.0 M	11.08 – 10.61	1.5	11.08 – 10.61	1.5	11.08 – 10.61	2.0	4.0	4.0
$25.0 M < $35.0 M	10.61 – 10.42	1.5	10.61 – 10.42	1.5	10.61 – 10.42	2.0	4.0	4.0

Cost Consulting Fees

All Project Types	**Fee Schedule** (inclusive of six phases as per below)
$1.0 M < $2.5 M	Inclusive hourly rates to a maximum upset of $20,000
$2.5 M < $5.0 M	$20,000 + 0.6% on amounts over $2.5 million
$5.0 M < $10.0 M	$35,000 + 0.5% on amounts over $5 million
$10.0 M < $25.0 M	$60,000 + 0.4% on amounts over $10 million

The Cost Consulting Fee may be allowed as follows:

Project Phase	**Report**	**Amount**
Functional Program	Feasibility Study	5.00%
Block Schematics	Design Selection Studies	7.50%
Selected Sketch Design	Schematic Design Cost Plan	12.50%
Design Development	Design Development Cost Check	20.00%
Construction Documents	Cost checks, Pre-tender estimate, tender analysis	55.00%

Note: Support for the non-refundable component of GST is also funded to school jurisdictions.

Appendix C: Area Capacity and Utilization: Gross Area by Grade Configuration & Capacity

A. Grade Structures

Following are instruction and non-instruction areas and Area per Student by capacity for the following Grade Structures:
Elementary School - K – Grade 6
Junior High School – grades 7 – 9
Senior High School – grades 10 – 12
K – grade 12 School
K – grade 9 School (50% Elementary/50% Junior High)
Middle School - grades 5 – 9
Grades 9 – 12 School
Junior/Senior High School – Grades 7 – 12 (50% Junior High/50% Senior High)

How to Use the Gross Area by Grade Configuration & Capacity Tables to Calculate the Utilization Rate of a School

- Identify the Grade Structure for the school (see list above).
- Determine the FTE Enrolment of the School.
- Determine the number of Special Education – Severe Disabilities category of students enrolled in the school. If the school is a designated Special Needs, Knowledge and Employability (K&E) or English as a Second Language (ESL) school, determine the number of applicable students (special needs student category, K&E or ESL) in the school.
- Determine the Career and Technology Studies (CTS) Area (square metres) and CTS capacity (number of student spaces).
- Determine the Gross Area (square metres) of the school.
- Determine the Leased Area (square metres) and the type of lessee.
- Calculate the Utilization Rate as follows:
  a) **Total Capacity** = (Gross Area – CTS Area) ÷ (closest corresponding Area per Student from appropriate Grade Structure table) + CTS Capacity
  b) **Adjusted Gross Area** = (Gross Area – CTS Area – Exempted Leased Area)
  c) **Net Capacity** = (Adjusted Gross Area ÷ the same Area per Student used to calculate Total Capacity) + CTS Capacity
  d) **Student Allowance Factor** = 3 x Special Education - Severe Disability category Enrolment. (In the case of a Designated Special Needs Mild/Moderate, K&E or ESL facility, use a Student Allowance Factor of 1.5)
  e) **Adjusted Enrolment** = Student Allowance Factor + (FTE Enrolment – Special Education - Severe Disabilities category Enrolment)
  (This step would not be required in the case of Designated Special Needs, K&E or ESL facility)
  f) **Utilization Rate** = Adjusted Enrolment ÷ Net Capacity.

EXAMPLE A – Utilization Rate without Leasing:

K-12 School; Gross Area = 6,194 square metres; CTS Area = 480.4 square metres; CTS Capacity = 40; FTE Enrolment = 406; Special Education - Severe Disabilities Enrolment = 8.

Calculation:

Adjusted Enrolment = (3 x Special Education Severe Disabilities category Enrolment) + (FTE Enrolment – Special Education Severe Disabilities Enrolment)
= (3 x 8) + (406 – 8) = 422

Total Capacity = (Gross Area – CTS Area) ÷ (appropriate Area per Student) + CTS Capacity
= [(6,194 – 480.4) ÷ 8.74] + 40 = 694

In this case, there is no leased space, so the Net Capacity is equal to the Total Capacity.

Net Capacity = [(Gross Area – CTS Area) ÷ same Area per Student used for Total Capacity] + CTS Capacity
= [(6,194 – 480.4) ÷ 8.74] + 40 = 694

Utilization Rate = Adjusted Enrolment ÷ Net Capacity = 422 ÷ 694 = 61%

EXAMPLE B – Utilization Rate with Leasing:

K-12 School; Gross Area = 6,194 square metres; CTS Area = 480.4 square metres; CTS Capacity = 40; FTE Enrolment = 406; Special Education - Severe Disabilities Enrolment = 8; 200 square metres exempted leased area.

Calculation:

Adjusted Enrolment = (3 x Special Education Severe Disabilities category Enrolment) + (FTE Enrolment – Special Education Severe Disabilities Enrolment)
= (3 x 8) + (406 – 8) = 422

Total Capacity = (Gross Area – CTS Area) ÷ (appropriate Area per Student) + CTS Capacity
= [(6,194 – 480.4) ÷ 8.74] + 40 = 694

In this case, there is an exempted lease space of 200 square metres, resulting in a net capacity of 671.

Net Capacity = [(Gross Area – CTS Area – Exempted Leased Area) ÷ same Area per Student used for Total Capacity] + CTS Capacity
= [(6,194 – 480.4 – 200) ÷ 8.74] + 40 = 671

Utilization Rate = Adjusted Enrolment ÷ Net Capacity = 422 ÷ 671 = 63%

Calculating Capacity of Outreach Facilities

The utilization rate for outreach schools is calculated differently from other schools because of the need to recognize the number of part time students attending such facilities. A capacity of 25 students is assigned for the first 130 m^2 of gross area with every additional 90 m^2 of gross area (give or take a few m^2) being assigned additional capacity of 25 students. Following are three examples:

Gross Area (m^2)	Capacity
130	25
220	50
310	75

Utilization is calculated by dividing the full-time equivalent (FTE) enrolment, as provided by Education, by the capacity.

In outreach schools where the FTE Enrolment (as opposed to headcount) exceeds the capacity (because of the number of part-time students), the utilization rate is set at 100%. For example, a school with a capacity of 675 and a FTE enrolment of 1900 would have its utilization rate set at 100%.

Changes to the Revised ACU Tables

- -Mandatory areas – wrap around space, accessible washrooms, recycling rooms.

- New additional areas – larger mechanical areas, standard size small gymnasium

ELEMENTARY SCHOOL (K to 6)

	INSTRUCTIONAL AREA								NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Anc	Anc	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 95)	(1 @ 130)	(2 @ 90)																			
	320	95	130	180	430	43	80	1,278	150	20	108	11	50	320	153	45	24	12	48	30	971	2,249	11.24
250	(6 @ 80)	(1 @ 95)	(1 @ 130)	(2 @ 90)																			
	480	95	130	180	430	43	100	1,458	227	20	108	11	50	365	175	51	30	12	60	30	1,138	2,596	10.39
300	(8 @ 80)	(1 @ 95)	(1 @ 130)	(2 @ 90)																			
	640	95	130	180	430	43	120	1,638	227	20	108	11	50	410	197	57	36	12	72	30	1,229	2,867	9.56
350	(10 @ 80)	(1 @ 95)	(1 @ 130)	(2 @ 90)																			
	800	95	130	180	430	43	140	1,818	227	20	108	11	70	455	218	64	42	12	84	30	1,340	3,158	9.02
400	(11 @ 80)	(2 @ 95)	(1 @ 130)	(2 @ 90)																			
	880	190	130	180	430	43	160	2,013	227	20	108	11	70	503	242	70	48	12	96	30	1,437	3,450	8.63
450	(12 @ 80)	(2 @ 95)	(1 @ 130)	(3 @ 90)																			
	960	190	130	270	430	43	180	2,203	307	30	162	11	70	551	264	77	54	12	108	30	1,676	3,879	8.62
500	(14 @ 80)	(2 @ 95)	(1 @ 130)	(3 @ 90)																			
	1120	190	130	270	430	43	200	2,383	307	30	162	11	70	596	286	83	60	12	120	30	1,767	4,150	8.30
550	(16 @ 80)	(2 @ 95)	(1 @ 130)	(3 @ 90)																			
	1280	190	130	270	430	43	220	2,563	307	30	162	11	70	641	308	90	66	12	132	30	1,858	4,421	8.04
600	(17 @ 80)	(3 @ 95)	(1 @ 130)	(3 @ 90)																			
	1360	285	130	270	430	43	240	2,758	307	30	162	11	70	690	331	97	72	12	144	30	1,955	4,713	7.85
650	(18 @ 80)	(3 @ 95)	(2 @ 130)	(3 @ 90)																			
	1440	285	260	270	595	60	260	3,170	397	40	189	11	95	792	380	111	78	24	156	30	2,304	5,473	8.42
700	(20 @ 80)	(3 @ 95)	(2 @ 130)	(3 @ 90)																			
	1600	285	260	270	595	60	280	3,350	397	40	189	11	95	837	402	117	84	24	168	30	2,395	5,744	8.21
750	(22 @ 80)	(3 @ 95)	(2 @ 130)	(3 @ 90)																			
	1760	285	260	270	595	60	300	3,530	397	40	189	11	95	882	424	124	90	24	180	30	2,485	6,015	8.02
800	(23 @ 80)	(4 @ 95)	(2 @ 130)	(3 @ 90)																			
	1840	380	260	270	595	60	320	3,725	397	40	189	22	95	931	447	130	96	24	192	30	2,593	6,318	7.90
850	(24 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																			
	1920	380	260	360	595	60	340	3,915	472	50	216	22	95	979	470	137	102	24	204	30	2,800	6,715	7.90
900	(26 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																			
	2080	380	260	360	595	60	360	4,095	472	50	216	22	95	1,024	491	143	108	24	216	30	2,891	6,986	7.76

JUNIOR HIGH SCHOOL (7 to 9)

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA															
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)	(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120	130	90	115	430	43	80	1,328	150	20	108	11	100	332	159	46	24	12	48	40	1,051	2,379	11.89
250	(5 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120	130	180	115	430	43	100	1,518	227	20	108	11	100	380	182	53	30	12	60	40	1,223	2,741	10.96
300	(7 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120	130	180	115	430	43	120	1,698	227	20	108	11	100	425	204	59	36	12	72	40	1,314	3,012	10.04
350	(9 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120	130	180	115	595	60	140	2,060	227	20	108	11	130	515	247	72	42	12	84	40	1,508	3,568	10.19
400	(9 @ 80)	(2 @ 120)	(1 @ 130)	(2 @ 90)	(2 @ 115)																			
	720	240	130	180	230	595	60	160	2,315	227	20	162	11	130	579	278	81	48	12	96	40	1,683	3,998	9.99
450	(10 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	800	240	130	270	230	595	60	180	2,505	307	30	162	11	130	626	301	88	54	12	108	40	1,868	4,373	9.72
500	(12 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	960	240	130	270	230	595	60	200	2,685	307	30	162	11	130	671	322	94	60	12	120	40	1,959	4,644	9.29
550	(14 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1120	240	130	270	230	595	60	220	2,865	307	30	162	11	130	716	344	100	66	12	132	40	2,050	4,915	8.94
600	(15 @ 80)	(3 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1200	360	130	270	230	595	60	240	3,085	307	30	189	11	130	771	370	108	72	12	144	40	2,184	5,269	8.78
650	(16 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	360	260	270	230	815	82	260	3,557	397	40	189	11	160	889	427	124	78	24	156	40	2,535	6,092	9.37
700	(17 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1360	360	260	270	345	815	82	280	3,772	397	40	189	11	160	943	453	132	84	24	168	40	2,640	6,412	9.16
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1520	360	260	270	345	815	82	300	3,952	397	40	189	11	160	988	474	138	90	24	180	40	2,731	6,683	8.91
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1600	480	260	270	345	815	82	320	4,172	397	40	216	22	160	1,043	501	146	96	24	192	40	2,876	7,048	8.81
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1680	480	260	360	345	815	82	340	4,362	472	50	216	22	160	1,090	523	153	102	24	204	40	3,056	7,418	8.73
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1840	480	260	360	345	815	82	360	4,542	472	50	216	22	160	1,135	545	159	108	24	216	40	3,147	7,689	8.54
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2000	480	260	360	345	1060	106	380	4,991	472	50	216	22	200	1,248	599	175	114	24	228	40	3,387	8,378	8.82
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2000	600	260	360	460	1060	106	400	5,246	472	50	270	22	200	1,312	630	184	120	24	240	40	3,563	8,809	8.81
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2320	600	260	360	460	1060	106	440	5,606	547	60	270	22	200	1,402	673	196	132	24	264	40	3,829	9,435	8.58
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)																			
	2480	720	260	450	460	1060	106	480	6,016	547	60	297	22	200	1,504	722	211	144	24	288	40	4,058	10,074	8.40

SENIOR HIGH SCHOOL (10 to 12)

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)	(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120	130	90	115	550	55	90	1,470	150	20	108	11	110	368	176	51	24	12	48	45	1,123	2,593	12.97
250	(5 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120	130	180	115	550	55	113	1,663	227	20	108	11	110	416	200	58	30	12	60	45	1,297	2,960	11.84
300	(7 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120	130	180	115	550	55	135	1,845	227	20	108	11	110	461	221	65	36	12	72	45	1,388	3,233	10.78
350	(9 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120	130	180	115	690	69	158	2,182	227	20	108	11	145	546	262	76	42	12	84	45	1,578	3,760	10.74
400	(9 @ 80)	(2 @ 120)	(1 @ 130)	(2 @ 90)	(2 @ 115)																			
	720	240	130	180	230	690	69	180	2,439	227	20	162	11	145	610	293	85	48	12	96	45	1,754	4,193	10.48
450	(10 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	800	240	130	270	230	690	69	203	2,632	307	30	162	11	145	658	316	92	54	12	108	45	1,940	4,572	10.16
500	(12 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	960	240	130	270	230	690	69	225	2,814	307	30	162	11	145	704	338	98	60	12	120	45	2,032	4,846	9.69
550	(14 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1120	240	130	270	230	690	69	248	2,997	307	30	162	11	145	749	360	105	66	12	132	45	2,124	5,121	9.31
600	(15 @ 80)	(3 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1200	360	130	270	230	690	69	270	3,219	307	30	189	11	145	805	386	113	72	12	144	45	2,259	5,478	9.13
650	(16 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	360	260	270	230	1050	105	293	3,848	397	40	189	11	180	962	462	135	78	24	156	45	2,678	6,526	10.04
700	(17 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1360	360	260	270	345	1050	105	315	4,065	397	40	189	11	180	1,016	488	142	84	24	168	45	2,784	6,849	9.78
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1520	360	260	270	345	1050	105	338	4,248	397	40	189	11	180	1,062	510	149	90	24	180	45	2,876	7,124	9.50
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1600	480	260	270	345	1050	105	360	4,470	397	40	216	22	180	1,118	536	156	96	24	192	45	3,022	7,492	9.37
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1680	480	260	360	345	1050	105	383	4,663	472	50	216	22	180	1,166	560	163	102	24	204	45	3,204	7,867	9.25
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1840	480	260	360	345	1050	105	405	4,845	472	50	216	22	180	1,211	581	170	108	24	216	45	3,295	8,140	9.04
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2000	480	260	360	345	1325	133	428	5,331	472	50	216	22	240	1,333	640	187	114	24	228	45	3,570	8,900	9.37
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2000	600	260	360	460	1325	133	450	5,588	472	50	270	22	240	1,397	671	196	120	24	240	45	3,746	9,333	9.33
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2320	600	260	360	460	1325	133	495	5,953	547	60	270	22	240	1,488	714	208	132	24	264	45	4,015	9,967	9.06
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)																			
	2480	720	260	450	460	1325	133	540	6,368	547	60	297	22	240	1,592	764	223	144	24	288	45	4,246	10,613	8.84
1300	(34 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(5 @ 115)																			
	2720	720	260	450	575	1325	133	585	6,768	620	70	297	22	290	1,692	812	237	156	24	312	45	4,577	11,344	8.73
1400	(36 @ 80)	(7 @ 120)	(2 @ 130)	(6 @ 90)	(5 @ 115)																			
	2880	840	260	540	575	1325	133	630	7,183	620	70	324	22	290	1,796	862	251	168	24	336	45	4,808	11,990	8.56
1500	(40 @ 80)	(7 @ 120)	(2 @ 130)	(6 @ 90)	(5 @ 115)																			
	3200	840	260	540	575	1325	133	675	7,548	705	80	324	22	290	1,887	906	264	180	24	360	45	5,087	12,634	8.42
1600	(41 @ 80)	(8 @ 120)	(2 @ 130)	(7 @ 90)	(6 @ 115)																			
	3280	960	260	630	690	1675	168	720	8,383	705	80	351	22	350	2,096	1,006	293	192	24	384	45	5,548	13,930	8.71
1700	(45 @ 80)	(8 @ 120)	(2 @ 130)	(7 @ 90)	(6 @ 115)																			
	3600	960	260	630	690	1675	168	765	8,748	780	90	351	22	350	2,187	1,050	306	204	24	408	45	5,817	14,564	8.57

SENIOR HIGH SCHOOL (10 to 12)

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA													
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
1800	(47 @ 80)	(9 @ 120)	(2 @ 130)	(8 @ 90)	(6 @ 115)																			
	3760	1080	260	720	690	1675	168	810	9,163	780	90	378	22	350	2,291	1,100	321	216	24	432	45	6,048	15,210	8.45
1900	(50 @ 80)	(9 @ 120)	(2 @ 130)	(8 @ 90)	(7 @ 115)																			
	4000	1080	260	720	805	1675	168	855	9,563	823	100	378	22	350	2,391	1,148	335	228	24	456	45	6,299	15,861	8.35
2000	(52 @ 80)	(10 @ 120)	(2 @ 130)	(9 @ 90)	(7 @ 115)																			
	4160	1200	260	810	805	2025	203	900	10,363	823	100	405	22	400	2,591	1,244	363	240	24	480	45	6,736	17,098	8.55
2100	(56 @ 80)	(10 @ 120)	(2 @ 130)	(9 @ 90)	(7 @ 115)																			
	4480	1200	260	810	805	2025	203	945	10,728	888	110	405	22	400	2,682	1,287	375	252	24	504	45	6,995	17,722	8.44
2200	(57 @ 80)	(11 @ 120)	(2 @ 130)	(10 @ 90)	(8 @ 115)																			
	4560	1320	260	900	920	2025	203	990	11,178	888	110	432	22	400	2,794	1,341	391	264	24	528	45	7,240	18,417	8.37
2300	(61 @ 80)	(11 @ 120)	(2 @ 130)	(10 @ 90)	(8 @ 115)																			
	4880	1320	260	900	920	2025	203	1035	11,543	963	120	432	22	460	2,886	1,385	404	276	24	552	45	7,569	19,111	8.31
2400	(63 @ 80)	(12 @ 120)	(2 @ 130)	(11 @ 90)	(8 @ 115)																			
	5040	1440	260	990	920	2375	238	1080	12,343	963	120	459	22	460	3,086	1,481	432	288	24	576	45	7,956	20,298	8.46
2500	(66 @ 80)	(12 @ 120)	(2 @ 130)	(11 @ 90)	(9 @ 115)																			
	5280	1440	260	990	1035	2375	238	1125	12,743	943	130	459	22	460	3,186	1,529	446	300	24	600	45	8,144	20,886	8.35
2600	(68 @ 80)	(13 @ 120)	(2 @ 130)	(12 @ 90)	(9 @ 115)																			
	5440	1560	260	1080	1035	2375	238	1170	13,158	1010	130	486	22	500	3,289	1,579	461	312	24	624	45	8,482	21,639	8.32
2700	(72 @ 80)	(13 @ 120)	(2 @ 130)	(12 @ 90)	(9 @ 115)																			
	5760	1560	260	1080	1035	2375	238	1215	13,523	990	140	486	22	500	3,381	1,623	473	324	24	648	45	8,656	22,178	8.21
2800	(73 @ 80)	(14 @ 120)	(2 @ 130)	(13 @ 90)	(10 @ 115)																			
	5840	1680	260	1170	1150	2725	273	1260	14,358	990	140	513	22	500	3,589	1,723	503	336	24	672	45	9,057	23,414	8.36
2900	(77 @ 80)	(14 @ 120)	(2 @ 130)	(13 @ 90)	(10 @ 115)																			
	6160	1680	260	1170	1150	2725	273	1305	14,723	1070	150	513	22	550	3,681	1,767	515	348	24	696	45	9,381	24,103	8.31
3000	(79 @ 80)	(15 @ 120)	(2 @ 130)	(14 @ 90)	(10 @ 115)																			
	6320	1800	260	1260	1150	2725	273	1350	15,138	1070	150	540	22	550	3,784	1,817	530	360	24	720	45	9,612	24,749	8.25
3100	(82 @ 80)	(15 @ 120)	(2 @ 130)	(14 @ 90)	(11 @ 115)																			
	6560	1800	260	1260	1265	2725	273	1395	15,538	1050	160	540	22	550	3,884	1,865	544	372	24	744	45	9,800	25,337	8.17

ELEMENTARY/JUNIOR/SENIOR HIGH (K to 12)

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA													
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)	(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120	130	90	115	430	43	80	1,328	150	20	108	11	100	332	159	46	24	12	48	40	1,051	2,379	11.89
250	(5 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120	130	180	115	430	43	100	1,518	227	20	108	11	100	380	182	53	30	12	60	40	1,223	2,741	10.96
300	(7 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120	130	180	115	430	43	120	1,698	227	20	108	11	100	425	204	59	36	12	72	40	1,314	3,012	10.04
350	(9 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120	130	180	115	595	60	140	2,060	227	20	108	11	130	515	247	72	42	12	84	40	1,508	3,568	10.19
400	(9 @ 80)	(2 @ 120)	(1 @ 130)	(2 @ 90)	(2 @ 115)																			
	720	240	130	180	230	595	60	160	2,315	227	20	162	11	130	579	278	81	48	12	96	40	1,683	3,998	9.99
450	(10 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	800	240	130	270	230	595	60	180	2,505	307	30	162	11	130	626	301	88	54	12	108	40	1,868	4,373	9.72
500	(12 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	960	240	130	270	230	595	60	200	2,685	307	30	162	11	130	671	322	94	60	12	120	40	1,959	4,644	9.29
550	(14 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1120	240	130	270	230	595	60	220	2,865	307	30	162	11	130	716	344	100	66	12	132	40	2,050	4,915	8.94
600	(15 @ 80)	(3 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1200	360	130	270	230	595	60	240	3,085	307	30	189	11	130	771	370	108	72	12	144	40	2,184	5,269	8.78
650	(16 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	360	260	270	230	815	82	260	3,557	397	40	189	11	160	889	427	124	78	24	156	40	2,535	6,092	9.37
700	(17 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1360	360	260	270	345	815	82	280	3,772	397	40	189	11	160	943	453	132	84	24	168	40	2,640	6,412	9.16
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1520	360	260	270	345	815	82	300	3,952	397	40	189	11	160	988	474	138	90	24	180	40	2,731	6,683	8.91
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1600	480	260	270	345	815	82	320	4,172	397	40	216	22	160	1,043	501	146	96	24	192	40	2,876	7,048	8.81
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1680	480	260	360	345	815	82	340	4,362	472	50	216	22	160	1,090	523	153	102	24	204	40	3,056	7,418	8.73
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1840	480	260	360	345	815	82	360	4,542	472	50	216	22	160	1,135	545	159	108	24	216	40	3,147	7,689	8.54
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2000	480	260	360	345	1060	106	380	4,991	472	50	216	22	200	1,248	599	175	114	24	228	40	3,387	8,378	8.82
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2000	600	260	360	460	1060	106	400	5,246	472	50	270	22	200	1,312	630	184	120	24	240	40	3,563	8,809	8.81
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2320	600	260	360	460	1060	106	440	5,606	547	60	270	22	200	1,402	673	196	132	24	264	40	3,829	9,435	8.58
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)																			
	2480	720	260	450	460	1060	106	480	6,016	547	60	297	22	200	1,504	722	211	144	24	288	40	4,058	10,074	8.40

ELEMENTARY/JUNIOR HIGH (K to 9)

	INSTRUCTIONAL AREA										NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Elem. Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)		(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120		130	90	115	430	43	80	1,328	150	20	108	11	75	332	159	46	24	12	48	40	1,026	2,354	11.77
250	(5 @ 80)	(1 @ 120)		(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120		130	180	115	430	43	100	1,518	227	20	108	11	75	380	182	53	30	12	60	40	1,198	2,716	10.86
300	(7 @ 80)	(1 @ 120)		(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120		130	180	115	430	43	120	1,698	227	20	108	11	75	425	204	59	36	12	72	40	1,289	2,987	9.96
350	(9 @ 80)	(1 @ 120)		(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120		130	180	115	515	52	140	1,972	227	20	108	11	100	493	237	69	42	12	84	40	1,442	3,414	9.75
400	(10 @ 80)	(1 @ 120)	(1 @ 95)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	800	120	95	130	180	115	515	52	160	2,167	227	20	162	11	100	542	260	76	48	12	96	40	1,593	3,760	9.40
450	(11 @ 80)	(1 @ 120)	(1 @ 95)	(1 @ 130)	(3 @ 90)	(1 @ 115)																			
	880	120	95	130	270	115	515	52	180	2,357	307	30	162	11	100	589	283	82	54	12	108	40	1,778	4,135	9.19
500	(13 @ 80)	(1 @ 120)	(1 @ 95)	(1 @ 130)	(3 @ 90)	(1 @ 115)																			
	1040	120	95	130	270	115	515	52	200	2,537	307	30	162	11	100	634	304	89	60	12	120	40	1,869	4,406	8.81
550	(15 @ 80)	(1 @ 120)	(1 @ 95)	(1 @ 130)	(3 @ 90)	(1 @ 115)																			
	1200	120	95	130	270	115	515	52	220	2,717	307	30	162	11	100	679	326	95	66	12	132	40	1,960	4,677	8.50
600	(16 @ 80)	(2 @ 120)	(1 @ 95)	(1 @ 130)	(3 @ 90)	(1 @ 115)																			
	1280	240	95	130	270	115	515	52	240	2,937	307	30	189	11	100	734	352	103	72	12	144	40	2,094	5,031	8.38
650	(16 @ 80)	(2 @ 120)	(1 @ 95)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	240	95	260	270	230	705	71	260	3,411	397	40	189	11	130	853	409	119	78	24	156	40	2,446	5,857	9.01
700	(18 @ 80)	(2 @ 120)	(1 @ 95)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1440	240	95	260	270	230	705	71	280	3,591	397	40	189	11	130	898	431	126	84	24	168	40	2,537	6,128	8.75
750	(20 @ 80)	(2 @ 120)	(1 @ 95)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1600	240	95	260	270	230	705	71	300	3,771	397	40	189	11	130	943	452	132	90	24	180	40	2,628	6,399	8.53
800	(21 @ 80)	(2 @ 120)	(2 @ 95)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1680	240	190	260	270	230	705	71	320	3,966	397	40	216	22	130	991	476	139	96	24	192	40	2,763	6,729	8.41
850	(22 @ 80)	(2 @ 120)	(2 @ 95)	(2 @ 130)	(4 @ 90)	(2 @ 115)																			
	1760	240	190	260	360	230	705	71	340	4,156	472	50	216	22	130	1,039	499	145	102	24	204	40	2,943	7,098	8.35
900	(24 @ 80)	(2 @ 120)	(2 @ 95)	(2 @ 130)	(4 @ 90)	(2 @ 115)																			
	1920	240	190	260	360	230	705	71	360	4,336	472	50	216	22	130	1,084	520	152	108	24	216	40	3,034	7,369	8.19
950	(26 @ 80)	(2 @ 120)	(2 @ 95)	(2 @ 130)	(4 @ 90)	(2 @ 115)																			
	2080	240	190	260	360	230	940	94	380	4,774	472	50	216	22	165	1,194	573	167	114	24	228	40	3,264	8,038	8.46
1000	(26 @ 80)	(3 @ 120)	(2 @ 95)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2080	360	190	260	360	345	940	94	400	5,029	472	50	270	22	165	1,257	603	176	120	24	240	40	3,440	8,469	8.47
1100	(30 @ 80)	(3 @ 120)	(2 @ 95)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2400	360	190	260	360	345	940	94	440	5,389	547	60	270	22	165	1,347	647	189	132	24	264	40	3,707	9,096	8.27
1200	(32 @ 80)	(3 @ 120)	(3 @ 95)	(2 @ 130)	(5 @ 90)	(3 @ 115)																			
	2560	360	285	260	450	345	940	94	480	5,774	547	60	297	22	165	1,444	693	202	144	24	288	40	3,925	9,699	8.08

5 to 9 SCHOOL

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)	(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120	130	90	115	430	43	80	1,328	150	20	108	11	100	332	159	46	24	12	48	40	1,051	2,379	11.89
250	(5 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120	130	180	115	430	43	100	1,518	227	20	108	11	100	380	182	53	30	12	60	40	1,223	2,741	10.96
300	(7 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120	130	180	115	430	43	120	1,698	227	20	108	11	100	425	204	59	36	12	72	40	1,314	3,012	10.04
350	(9 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120	130	180	115	595	60	140	2,060	227	20	108	11	130	515	247	72	42	12	84	40	1,508	3,568	10.19
400	(9 @ 80)	(2 @ 120)	(1 @ 130)	(2 @ 90)	(2 @ 115)																			
	720	240	130	180	230	595	60	160	2,315	227	20	162	11	130	579	278	81	48	12	96	40	1,683	3,998	9.99
450	(10 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	800	240	130	270	230	595	60	180	2,505	307	30	162	11	130	626	301	88	54	12	108	40	1,868	4,373	9.72
500	(12 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	960	240	130	270	230	595	60	200	2,685	307	30	162	11	130	671	322	94	60	12	120	40	1,959	4,644	9.29
550	(14 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1120	240	130	270	230	595	60	220	2,865	307	30	162	11	130	716	344	100	66	12	132	40	2,050	4,915	8.94
600	(15 @ 80)	(3 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1200	360	130	270	230	595	60	240	3,085	307	30	189	11	130	771	370	108	72	12	144	40	2,184	5,269	8.78
650	(16 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	360	260	270	230	815	82	260	3,557	397	40	189	11	160	889	427	124	78	24	156	40	2,535	6,092	9.37
700	(17 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1360	360	260	270	345	815	82	280	3,772	397	40	189	11	160	943	453	132	84	24	168	40	2,640	6,412	9.16
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1520	360	260	270	345	815	82	300	3,952	397	40	189	11	160	988	474	138	90	24	180	40	2,731	6,683	8.91
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1600	480	260	270	345	815	82	320	4,172	397	40	216	22	160	1,043	501	146	96	24	192	40	2,876	7,048	8.81
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1680	480	260	360	345	815	82	340	4,362	472	50	216	22	160	1,090	523	153	102	24	204	40	3,056	7,418	8.73
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1840	480	260	360	345	815	82	360	4,542	472	50	216	22	160	1,135	545	159	108	24	216	40	3,147	7,689	8.54
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2000	480	260	360	345	1060	106	380	4,991	472	50	216	22	200	1,248	599	175	114	24	228	40	3,387	8,378	8.82
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2000	600	260	360	460	1060	106	400	5,246	472	50	270	22	200	1,312	630	184	120	24	240	40	3,563	8,809	8.81
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2320	600	260	360	460	1060	106	440	5,606	547	60	270	22	200	1,402	673	196	132	24	264	40	3,829	9,435	8.58
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)																			
	2480	720	260	450	460	1060	106	480	6,016	547	60	297	22	200	1,504	722	211	144	24	288	40	4,058	10,074	8.40

9 to 12 SCHOOL

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)	(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120	130	90	115	550	55	90	1,470	150	20	108	11	110	368	176	51	24	12	48	45	1,123	2,593	12.97
250	(5 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120	130	180	115	550	55	113	1,663	227	20	108	11	110	416	200	58	30	12	60	45	1,297	2,960	11.84
300	(7 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120	130	180	115	550	55	135	1,845	227	20	108	11	110	461	221	65	36	12	72	45	1,388	3,233	10.78
350	(9 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120	130	180	115	690	69	158	2,182	227	20	108	11	145	546	262	76	42	12	84	45	1,578	3,760	10.74
400	(9 @ 80)	(2 @ 120)	(1 @ 130)	(2 @ 90)	(2 @ 115)																			
	720	240	130	180	230	690	69	180	2,439	227	20	162	11	145	610	293	85	48	12	96	45	1,754	4,193	10.48
450	(10 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	800	240	130	270	230	690	69	203	2,632	307	30	162	11	145	658	316	92	54	12	108	45	1,940	4,572	10.16
500	(12 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	960	240	130	270	230	690	69	225	2,814	307	30	162	11	145	704	338	98	60	12	120	45	2,032	4,846	9.69
550	(14 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1120	240	130	270	230	690	69	248	2,997	307	30	162	11	145	749	360	105	66	12	132	45	2,124	5,121	9.31
600	(15 @ 80)	(3 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1200	360	130	270	230	690	69	270	3,219	307	30	189	11	145	805	386	113	72	12	144	45	2,259	5,478	9.13
650	(16 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	360	260	270	230	1050	105	293	3,848	397	40	189	11	180	962	462	135	78	24	156	45	2,678	6,526	10.04
700	(17 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1360	360	260	270	345	1050	105	315	4,065	397	40	189	11	180	1,016	488	142	84	24	168	45	2,784	6,849	9.78
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1520	360	260	270	345	1050	105	338	4,248	397	40	189	11	180	1,062	510	149	90	24	180	45	2,876	7,124	9.50
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1600	480	260	270	345	1050	105	360	4,470	397	40	216	22	180	1,118	536	156	96	24	192	45	3,022	7,492	9.37
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1680	480	260	360	345	1050	105	383	4,663	472	50	216	22	180	1,166	560	163	102	24	204	45	3,204	7,867	9.25
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1840	480	260	360	345	1050	105	405	4,845	472	50	216	22	180	1,211	581	170	108	24	216	45	3,295	8,140	9.04
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2000	480	260	360	345	1325	133	428	5,331	472	50	216	22	240	1,333	640	187	114	24	228	45	3,570	8,900	9.37
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2000	600	260	360	460	1325	133	450	5,588	472	50	270	22	240	1,397	671	196	120	24	240	45	3,746	9,333	9.33
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2320	600	260	360	460	1325	133	495	5,953	547	60	270	22	240	1,488	714	208	132	24	264	45	4,015	9,967	9.06
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)																			
	2480	720	260	450	460	1325	133	540	6,368	547	60	297	22	240	1,592	764	223	144	24	288	45	4,246	10,613	8.84
1300	(34 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(5 @ 115)																			
	2720	720	260	450	575	1325	133	585	6,768	620	70	297	22	290	1,692	812	237	156	24	312	45	4,577	11,344	8.73
1400	(36 @ 80)	(7 @ 120)	(2 @ 130)	(6 @ 90)	(5 @ 115)																			
	2880	840	260	540	575	1325	133	630	7,183	620	70	324	22	290	1,796	862	251	168	24	336	45	4,808	11,990	8.56
1500	(40 @ 80)	(7 @ 120)	(2 @ 130)	(6 @ 90)	(5 @ 115)																			
	3200	840	260	540	575	1325	133	675	7,548	705	80	324	22	290	1,887	906	264	180	24	360	45	5,087	12,634	8.42
1600	(41 @ 80)	(8 @ 120)	(2 @ 130)	(7 @ 90)	(6 @ 115)																			
	3280	960	260	630	690	1675	168	720	8,383	705	80	351	22	350	2,096	1,006	293	192	24	384	45	5,548	13,930	8.71
1700	(45 @ 80)	(8 @ 120)	(2 @ 130)	(7 @ 90)	(6 @ 115)																			
	3600	960	260	630	690	1675	168	765	8,748	780	90	351	22	350	2,187	1,050	306	204	24	408	45	5,817	14,564	8.57

9 to 12 SCHOOL

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
1800	(47 @ 80)	(9 @ 120)	(2 @ 130)	(8 @ 90)	(6 @ 115)																			
	3760	1080	260	720	690	1675	168	810	9,163	780	90	378	22	350	2,291	1,100	321	216	24	432	45	6,048	15,210	8.45
1900	(50 @ 80)	(9 @ 120)	(2 @ 130)	(8 @ 90)	(7 @ 115)																			
	4000	1080	260	720	805	1675	168	855	9,563	823	100	378	22	350	2,391	1,148	335	228	24	456	45	6,299	15,861	8.35
2000	(52 @ 80)	(10 @ 120)	(2 @ 130)	(9 @ 90)	(7 @ 115)																			
	4160	1200	260	810	805	2025	203	900	10,363	823	100	405	22	400	2,591	1,244	363	240	24	480	45	6,736	17,098	8.55
2100	(56 @ 80)	(10 @ 120)	(2 @ 130)	(9 @ 90)	(7 @ 115)																			
	4480	1200	260	810	805	2025	203	945	10,728	888	110	405	22	400	2,682	1,287	375	252	24	504	45	6,995	17,722	8.44
2200	(57 @ 80)	(11 @ 120)	(2 @ 130)	(10 @ 90)	(8 @ 115)																			
	4560	1320	260	900	920	2025	203	990	11,178	888	110	432	22	400	2,794	1,341	391	264	24	528	45	7,240	18,417	8.37
2300	(61 @ 80)	(11 @ 120)	(2 @ 130)	(10 @ 90)	(8 @ 115)																			
	4880	1320	260	900	920	2025	203	1035	11,543	963	120	432	22	460	2,886	1,385	404	276	24	552	45	7,569	19,111	8.31
2400	(63 @ 80)	(12 @ 120)	(2 @ 130)	(11 @ 90)	(8 @ 115)																			
	5040	1440	260	990	920	2375	238	1080	12,343	963	120	459	22	460	3,086	1,481	432	288	24	576	45	7,956	20,298	8.46
2500	(66 @ 80)	(12 @ 120)	(2 @ 130)	(11 @ 90)	(9 @ 115)																			
	5280	1440	260	990	1035	2375	238	1125	12,743	943	130	459	22	460	3,186	1,529	446	300	24	600	45	8,144	20,886	8.35
2600	(68 @ 80)	(13 @ 120)	(2 @ 130)	(12 @ 90)	(9 @ 115)																			
	5440	1560	260	1080	1035	2375	238	1170	13,158	1010	130	486	22	500	3,289	1,579	461	312	24	624	45	8,482	21,639	8.32
2700	(72 @ 80)	(13 @ 120)	(2 @ 130)	(12 @ 90)	(9 @ 115)																			
	5760	1560	260	1080	1035	2375	238	1215	13,523	990	140	486	22	500	3,381	1,623	473	324	24	648	45	8,656	22,178	8.21
2800	(73 @ 80)	(14 @ 120)	(2 @ 130)	(13 @ 90)	(10 @ 115)																			
	5840	1680	260	1170	1150	2725	273	1260	14,358	990	140	513	22	500	3,589	1,723	503	336	24	672	45	9,057	23,414	8.36
2900	(77 @ 80)	(14 @ 120)	(2 @ 130)	(13 @ 90)	(10 @ 115)																			
	6160	1680	260	1170	1150	2725	273	1305	14,723	1070	150	513	22	550	3,681	1,767	515	348	24	696	45	9,381	24,103	8.31
3000	(79 @ 80)	(15 @ 120)	(2 @ 130)	(14 @ 90)	(10 @ 115)																			
	6320	1800	260	1260	1150	2725	273	1350	15,138	1070	150	540	22	550	3,784	1,817	530	360	24	720	45	9,612	24,749	8.25
3100	(82 @ 80)	(15 @ 120)	(2 @ 130)	(14 @ 90)	(11 @ 115)																			
	6560	1800	260	1260	1265	2725	273	1395	15,538	1050	160	540	22	550	3,884	1,865	544	372	24	744	45	9,800	25,337	8.17

JUNIOR/SENIOR HIGH (7 to 12)

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA														
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Wrap Around & Collaboration Space	Mechanical & Meter Rooms	Recycle Room (LEED)	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Accessible Washroom Facility	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @ 120)	(1 @ 130)	(1 @ 90)	(1 @ 115)																			
	320	120	130	90	115	490	49	85	1,399	150	20	108	11	105	350	168	49	24	12	48	40	1,085	2,484	12.42
250	(5 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	400	120	130	180	115	490	49	106	1,590	227	20	108	11	105	398	191	56	30	12	60	40	1,257	2,847	11.39
300	(7 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	560	120	130	180	115	490	49	127	1,771	227	20	108	11	105	443	213	62	36	12	72	40	1,348	3,119	10.40
350	(9 @ 80)	(1 @ 120)	(1 @ 130)	(2 @ 90)	(1 @ 115)																			
	720	120	130	180	115	645	65	149	2,124	227	20	108	11	138	531	255	74	42	12	84	40	1,542	3,666	10.47
400	(9 @ 80)	(2 @ 120)	(1 @ 130)	(2 @ 90)	(2 @ 115)																			
	720	240	130	180	230	645	65	170	2,380	227	20	162	11	138	595	286	83	48	12	96	40	1,718	4,097	10.24
450	(10 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	800	240	130	270	230	645	65	191	2,571	307	30	162	11	138	643	308	90	54	12	108	40	1,903	4,474	9.94
500	(12 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	960	240	130	270	230	645	65	212	2,752	307	30	162	11	138	688	330	96	60	12	120	40	1,994	4,746	9.49
550	(14 @ 80)	(2 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1120	240	130	270	230	645	65	233	2,933	307	30	162	11	138	733	352	103	66	12	132	40	2,086	5,018	9.12
600	(15 @ 80)	(3 @ 120)	(1 @ 130)	(3 @ 90)	(2 @ 115)																			
	1200	360	130	270	230	645	65	255	3,155	307	30	189	11	138	789	379	110	72	12	144	40	2,221	5,375	8.96
650	(16 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(2 @ 115)																			
	1280	360	260	270	230	935	94	276	3,705	397	40	189	11	170	926	445	130	78	24	156	40	2,605	6,310	9.71
700	(17 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1360	360	260	270	345	935	94	297	3,921	397	40	189	11	170	980	470	137	84	24	168	40	2,711	6,631	9.47
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1520	360	260	270	345	935	94	318	4,102	397	40	189	11	170	1,025	492	144	90	24	180	40	2,802	6,904	9.20
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)																			
	1600	480	260	270	345	935	94	339	4,323	397	40	216	22	170	1,081	519	151	96	24	192	40	2,948	7,270	9.09
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1680	480	260	360	345	935	94	361	4,515	472	50	216	22	170	1,129	542	158	102	24	204	40	3,128	7,643	8.99
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	1840	480	260	360	345	935	94	382	4,696	472	50	216	22	170	1,174	563	164	108	24	216	40	3,220	7,915	8.79
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)																			
	2000	480	260	360	345	1190	119	403	5,157	472	50	216	22	220	1,289	619	180	114	24	228	40	3,475	8,632	9.09
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2000	600	260	360	460	1190	119	425	5,414	472	50	270	22	220	1,354	650	189	120	24	240	40	3,651	9,065	9.06
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)																			
	2320	600	260	360	460	1190	119	467	5,776	547	60	270	22	220	1,444	693	202	132	24	264	40	3,918	9,694	8.81
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)																			
	2480	720	260	450	460	1190	119	510	6,189	547	60	297	22	220	1,547	743	217	144	24	288	40	4,149	10,338	8.61

Elementary School (K - Grade 6) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
150	(3 @ 80) 240	(1 @ 95) 95	(1 @ 130) 130	(1 @ 90) 90		150	15	60	780	200	50	195	94	27	18	36	30	650	1,430	9.53
175	(4 @ 80) 320	(1 @ 95) 95	(1 @ 130) 130	(1 @ 90) 90		250	25	70	980	200	50	245	118	34	21	42	30	740	1,720	9.83
200	(4 @ 80) 320	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		250	25	80	1,080	200	50	270	130	38	24	48	30	789	1,869	9.35
225	(5 @ 80) 400	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		250	25	90	1,170	307	50	293	140	41	27	54	30	942	2,112	9.39
250	(6 @ 80) 480	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		250	25	100	1,260	307	50	315	151	44	30	60	30	987	2,247	8.99
275	(7 @ 80) 560	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		250	25	110	1,350	307	50	338	162	47	33	66	30	1033	2,383	8.66
300	(8 @ 80) 640	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		250	25	120	1,440	307	50	360	173	50	36	72	30	1078	2,518	8.39
325	(9 @ 80) 720	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		430	43	130	1,728	307	70	432	207	60	39	78	30	1224	2,952	9.08
350	(10 @ 80) 800	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		430	43	140	1,818	307	70	455	218	64	42	84	30	1269	3,087	8.82
375	(11@ 80) 880	(1 @ 95) 95	(1 @ 130) 130	(2 @ 90) 180		430	43	150	1,908	307	70	477	229	67	45	90	30	1315	3,223	8.59
400	(11 @ 80) 880	(2 @ 95) 190	(1 @ 130) 130	(2 @ 90) 180		430	43	160	2,013	307	70	503	242	70	48	96	30	1366	3,379	8.45
425	(11@ 80) 880	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	170	2,113	427	70	528	254	74	51	102	30	1536	3,649	8.59
450	(12 @ 80) 960	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	180	2,203	427	70	551	264	77	54	108	30	1581	3,784	8.41
475	(13 @ 80) 1040	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	190	2,293	427	70	573	275	80	57	114	30	1627	3,920	8.25
500	(14 @ 80) 1120	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	200	2,383	427	70	596	286	83	60	120	30	1672	4,055	8.11
525	(15 @ 80) 1200	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	210	2,473	427	70	618	297	87	63	126	30	1718	4,191	7.98
550	(16 @ 80) 1280	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	220	2,563	427	70	641	308	90	66	132	30	1763	4,326	7.87
575	(17 @ 80) 1360	(2 @ 95) 190	(1 @ 130) 130	(3 @ 90) 270		430	43	230	2,653	427	70	663	318	93	69	138	30	1808	4,461	7.76
600	(17 @ 80) 1360	(3 @ 95) 285	(1 @ 130) 130	(3 @ 90) 270		430	43	240	2,758	427	70	690	331	97	72	144	30	1860	4,618	7.70
625	(17 @ 80) 1360	(3 @ 95) 285	(2 @ 130) 260	(3 @ 90) 270		430	43	250	2,898	537	70	725	348	101	75	150	30	2036	4,934	7.89
650	(18 @ 80) 1440	(3 @ 95) 285	(2 @ 130) 260	(3 @ 90) 270		595	60	260	3,170	537	95	792	380	111	78	156	30	2180	5,349	8.23
675	(19 @ 80) 1520	(3 @ 95) 285	(2 @ 130) 260	(3 @ 90) 270		595	60	270	3,260	537	95	815	391	114	81	162	30	2225	5,485	8.13
700	(20 @ 80) 1600	(3 @ 95) 285	(2 @ 130) 260	(3 @ 90) 270		595	60	280	3,350	537	95	837	402	117	84	168	30	2271	5,620	8.03

Elementary School (K - Grade 6) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(21 @ 80)	(3 @ 95)	(2 @ 130)	(3 @ 90)																
	1680	285	260	270		595	60	290	3,440	537	95	860	413	120	87	174	30	2316	5,755	7.94
750	(22 @ 80)	(3 @ 95)	(2 @ 130)	(3 @ 90)																
	1760	285	260	270		595	60	300	3,530	537	95	882	424	124	90	180	30	2361	5,891	7.85
775	(23 @ 80)	(3 @ 95)	(2 @ 130)	(3 @ 90)																
	1840	285	260	270		595	60	310	3,620	537	95	905	434	127	93	186	30	2407	6,026	7.78
800	(23 @ 80)	(4 @ 95)	(2 @ 130)	(3 @ 90)																
	1840	380	260	270		595	60	320	3,725	537	95	931	447	130	96	192	30	2458	6,183	7.73
825	(23 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																
	1840	380	260	360		595	60	330	3,825	632	95	956	459	134	99	198	30	2603	6,427	7.79
850	(24 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																
	1920	380	260	360		595	60	340	3,915	632	95	979	470	137	102	204	30	2648	6,563	7.72
875	(25 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																
	2000	380	260	360		595	60	350	4,005	632	95	1,001	481	140	105	210	30	2694	6,698	7.66
900	(26 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																
	2080	380	260	360		595	60	360	4,095	632	95	1,024	491	143	108	216	30	2739	6,834	7.59
925	(27 @ 80)	(4 @ 95)	(2 @ 130)	(4 @ 90)																
	2160	380	260	360		595	60	370	4,185	632	95	1,046	502	146	111	222	30	2785	6,969	7.53

Junior High School (Grades 7 to 9) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(1 @ 90) 90	(1 @ 115) 115	430	43	80	1,328	200	100	332	159	46	24	48	40	950	2,278	11.39
225	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	90	1,428	307	100	357	171	50	27	54	40	1106	2,534	11.26
250	(5 @ 80) 400	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	100	1,518	307	100	380	182	53	30	60	40	1152	2,670	10.68
275	(6 @ 80) 480	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	110	1,608	307	100	402	193	56	33	66	40	1197	2,805	10.20
300	(7 @ 80) 560	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	120	1,698	307	100	425	204	59	36	72	40	1243	2,941	9.80
325	(8 @ 80) 640	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	130	1,788	307	100	447	215	63	39	78	40	1288	3,076	9.47
350	(9 @ 80) 720	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	595	60	140	2,060	307	130	515	247	72	42	84	40	1437	3,497	9.99
375	(10 @ 80) 800	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	595	60	150	2,150	307	130	537	258	75	45	90	40	1483	3,632	9.69
400	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(2 @ 90) 180	(2 @ 115) 230	595	60	160	2,315	307	130	579	278	81	48	96	40	1558	3,873	9.68
425	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	170	2,415	427	130	604	290	85	51	102	40	1728	4,142	9.75
450	(10 @ 80) 800	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	180	2,505	427	130	626	301	88	54	108	40	1773	4,278	9.51
475	(11 @ 80) 880	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	190	2,595	427	130	649	311	91	57	114	40	1819	4,413	9.29
500	(12 @ 80) 960	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	200	2,685	427	130	671	322	94	60	120	40	1864	4,549	9.10
525	(13 @ 80) 1040	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	210	2,775	427	130	694	333	97	63	126	40	1910	4,684	8.92
550	(14 @ 80) 1120	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	220	2,865	427	130	716	344	100	66	132	40	1955	4,820	8.76
575	(15 @ 80) 1200	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	230	2,955	427	130	739	355	103	69	138	40	2001	4,955	8.62
600	(15 @ 80) 1200	(3 @ 120) 360	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	240	3,085	427	130	771	370	108	72	144	40	2062	5,147	8.58
625	(15 @ 80) 1200	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	595	60	250	3,225	537	130	806	387	113	75	150	40	2238	5,462	8.74
650	(16 @ 80) 1280	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	815	82	260	3,557	537	160	889	427	124	78	156	40	2411	5,968	9.18
675	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	815	82	270	3,647	537	160	912	438	128	81	162	40	2457	6,103	9.04
700	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	280	3,772	537	160	943	453	132	84	168	40	2516	6,288	8.98

Junior High School (Grades 7 to 9) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(18 @ 80) 1440	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	290	3,862	537	160	965	463	135	87	174	40	2562	6,423	8.86
750	(19 @ 80) 1520	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	300	3,952	537	160	988	474	138	90	180	40	2607	6,559	8.75
775	(20 @ 80) 1600	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	310	4,042	537	160	1,010	485	141	93	186	40	2653	6,694	8.64
800	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	320	4,172	537	160	1,043	501	146	96	192	40	2714	6,886	8.61
825	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	330	4,272	632	160	1,068	513	150	99	198	40	2859	7,130	8.64
850	(21 @ 80) 1680	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	340	4,362	632	160	1,090	523	153	102	204	40	2904	7,266	8.55
875	(22 @ 80) 1760	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	350	4,452	632	160	1,113	534	156	105	210	40	2950	7,401	8.46
900	(23 @ 80) 1840	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	360	4,542	632	160	1,135	545	159	108	216	40	2995	7,537	8.37
950	(25 @ 80) 2000	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1060	106	380	4,991	632	200	1,248	599	175	114	228	40	3235	8,226	8.66
1000	(25 @ 80) 2000	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1060	106	400	5,246	632	200	1,312	630	184	120	240	40	3357	8,603	8.60
1100	(29 @ 80) 2320	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1060	106	440	5,606	747	200	1,402	673	196	132	264	40	3653	9,259	8.42
1200	(31 @ 80) 2480	(6 @ 120) 720	(2 @ 130) 260	(5 @ 90) 450	(4 @ 115) 460	1060	106	480	6,016	747	200	1,504	722	211	144	288	40	3855	9,871	8.23

Senior High School (Grades 10 to 12) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(1 @ 90) 90	(1 @ 115) 115	550	55	90	1,470	200	110	368	176	51	24	48	45	1022	2,492	12.46
225	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	101	1,571	307	110	393	189	55	27	54	45	1179	2,750	12.22
250	(5 @ 80) 400	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	113	1,663	307	110	416	200	58	30	60	45	1226	2,889	11.55
275	(6 @ 80) 480	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	123	1,753	307	110	438	210	61	33	66	45	1271	3,024	11.00
300	(7 @ 80) 560	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	135	1,845	307	110	461	221	65	36	72	45	1317	3,162	10.54
325	(8 @ 80) 640	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	690	69	146	2,090	307	145	523	251	73	39	78	45	1460	3,550	10.92
350	(9 @ 80) 720	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	690	69	158	2,182	307	145	546	262	76	42	84	45	1507	3,689	10.54
375	(10 @ 80) 800	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	690	69	169	2,273	307	145	568	273	80	45	90	45	1553	3,826	10.20
400	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(2 @ 90) 180	(2 @ 115) 230	690	69	180	2,439	307	145	610	293	85	48	96	45	1629	4,068	10.17
425	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	191	2,540	427	145	635	305	89	51	102	45	1799	4,339	10.21
450	(10 @ 80) 800	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	203	2,632	427	145	658	316	92	54	108	45	1845	4,477	9.95
475	(11 @ 80) 880	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	214	2,723	427	145	681	327	95	57	114	45	1891	4,614	9.71
500	(12 @ 80) 960	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	225	2,814	427	145	704	338	98	60	120	45	1937	4,751	9.50
525	(13 @ 80) 1040	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	236	2,905	427	145	726	349	102	63	126	45	1983	4,888	9.31
550	(14 @ 80) 1120	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	248	2,997	427	145	749	360	105	66	132	45	2029	5,026	9.14
575	(15 @ 80) 1200	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	258	3,087	427	145	772	370	108	69	138	45	2074	5,161	8.98
600	(15 @ 80) 1200	(3 @ 120) 360	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	270	3,219	427	145	805	386	113	72	144	45	2137	5,356	8.93
625	(15 @ 80) 1200	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	690	69	281	3,360	537	180	840	403	118	75	150	45	2348	5,708	9.13
650	(16 @ 80) 1280	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	1050	105	293	3,848	537	180	962	462	135	78	156	45	2554	6,402	9.85
675	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	1050	105	304	3,939	537	180	985	473	138	81	162	45	2600	6,539	9.69
700	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	1050	105	315	4,065	537	180	1,016	488	142	84	168	45	2660	6,725	9.61

Senior High School (Grades 10 to 12) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(18 @ 80) 1440	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	1050	105	326	4,156	537	180	1,039	499	145	87	174	45	2706	6,862	9.47
750	(19 @ 80) 1520	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	1050	105	338	4,248	537	180	1,062	510	149	90	180	45	2752	7,000	9.33
775	(20 @ 80) 1600	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	1050	105	349	4,339	537	180	1,085	521	152	93	186	45	2798	7,137	9.21
800	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	1050	105	360	4,470	537	180	1,118	536	156	96	192	45	2860	7,330	9.16
825	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1050	105	371	4,571	632	180	1,143	549	160	99	198	45	3005	7,576	9.18
850	(21 @ 80) 1680	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1050	105	383	4,663	632	180	1,166	560	163	102	204	45	3052	7,715	9.08
875	(22 @ 80) 1760	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1050	105	394	4,754	632	180	1,189	570	166	105	210	45	3097	7,851	8.97
900	(23 @ 80) 1840	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1050	105	405	4,845	632	180	1,211	581	170	108	216	45	3143	7,988	8.88
950	(25 @ 80) 2000	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1325	133	428	5,331	632	240	1,333	640	187	114	228	45	3418	8,748	9.21
1000	(25 @ 80) 2000	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1325	133	450	5,588	632	240	1,397	671	196	120	240	45	3540	9,127	9.13
1100	(29 @ 80) 2320	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1325	133	495	5,953	747	240	1,488	714	208	132	264	45	3839	9,791	8.90
1200	(31 @ 80) 2480	(6 @ 120) 720	(2 @ 130) 260	(5 @ 90) 450	(4 @ 115) 460	1325	133	540	6,368	747	240	1,592	764	223	144	288	45	4043	10,410	8.68
1300	(34 @ 80) 2720	(6 @ 120) 720	(2 @ 130) 260	(5 @ 90) 450	(5 @ 115) 575	1325	133	585	6,768	840	290	1,692	812	237	156	312	45	4384	11,151	8.58
1400	(36 @ 80) 2880	(7 @ 120) 840	(2 @ 130) 260	(6 @ 90) 540	(5 @ 115) 575	1325	133	630	7,183	840	290	1,796	862	251	168	336	45	4588	11,770	8.41
1500	(40 @ 80) 3200	(7 @ 120) 840	(2 @ 130) 260	(6 @ 90) 540	(5 @ 115) 575	1325	133	675	7,548	945	290	1,887	906	264	180	360	45	4877	12,424	8.28
1600	(41 @ 80) 3280	(8 @ 120) 960	(2 @ 130) 260	(7 @ 90) 630	(6 @ 115) 690	1675	168	720	8,383	945	350	2,096	1,006	293	192	384	45	5311	13,693	8.56
1700	(45 @ 80) 3600	(8 @ 120) 960	(2 @ 130) 260	(7 @ 90) 630	(6 @ 115) 690	1675	168	765	8,748	1040	350	2,187	1,050	306	204	408	45	5590	14,337	8.43
1800	(47 @ 80) 3760	(9 @ 120) 1080	(2 @ 130) 260	(8 @ 90) 720	(6 @ 115) 690	1675	168	810	9,163	1040	350	2,291	1,100	321	216	432	45	5794	14,956	8.31
1900	(50 @ 80) 4000	(9 @ 120) 1080	(2 @ 130) 260	(8 @ 90) 720	(7 @ 115) 805	1675	168	855	9,563	1103	350	2,391	1,148	335	228	456	45	6055	15,617	8.22
2000	(52 @ 80) 4160	(10 @120) 1200	(2 @ 130) 260	(9 @ 90) 810	(7 @ 115) 805	2025	203	900	10,363	1103	400	2,591	1,244	363	240	480	45	6465	16,827	8.41
2100	(56 @ 80) 4480	(10 @120) 1200	(2 @ 130) 260	(9 @ 90) 810	(7 @ 115) 805	2025	203	945	10,728	1188	400	2,682	1,287	375	252	504	45	6734	17,461	8.31
2200	(57 @ 80) 4560	11 @ 120) 1320	(2 @ 130) 260	(10 @90) 900	(8 @ 115) 920	2025	203	990	11,178	1188	400	2,794	1,341	391	264	528	45	6952	1,829	8.24

Senior High School (Grades 10 to 12) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
2300	(61 @ 80) 4880	(11 @120) 1320	(2 @ 130) 260	(10 @90) 900	(8 @ 115) 920	2025	203	1035	11,543	1283	460	2,886	1,385	404	276	552	45	7291	18,333	8.19
2400	(63 @ 80) 5040	(12 @120) 1440	(2 @ 130) 260	(11 @90) 990	(8 @ 115) 920	2375	238	1080	12,343	1283	460	3,086	1,481	432	288	576	45	7651	19,993	8.33
2500	(66 @ 80) 5280	(12 @120) 1440	(2 @ 130) 260	(11 @90) 990	(9 @ 115) 1035	2375	238	1125	12,743	1283	460	3,186	1,529	446	300	600	45	7849	20,591	8.24
2600	(68 @ 80) 5440	(13 @120) 1560	(2 @ 130) 260	(12 @90) 1080	(9 @ 115) 1035	2375	238	1170	13,158	1350	500	3,289	1,579	461	312	624	45	8160	21,317	8.20
2700	(72 @ 80) 5760	(13 @120) 1560	(2 @ 130) 260	(12 @90) 1080	(9 @ 115) 1035	2375	238	1215	13,523	1350	500	3,381	1,623	473	324	648	45	8344	21,866	8.10
2800	(73 @ 80) 5840	(14 @120) 1680	(2 @ 130) 260	(13 @90) 1170	(10 @115) 1150	2725	273	1260	14,358	1350	500	3,589	1,723	503	336	672	45	8718	2,075	8.24
2900	(77 @ 80) 6160	(14 @120) 1680	(2 @ 130) 260	(13 @90) 1170	(10 @115) 1150	2725	273	1305	14,723	1450	550	3,681	1,767	515	348	696	45	9052	23,774	8.20
3000	(79 @ 80) 6320	(15 @120) 1800	(2 @ 130) 260	(14 @90) 1260	(10 @115) 1150	2725	273	1350	15,138	1450	550	3,784	1,817	530	360	720	45	9256	24,393	8.13
3100	(82 @ 80) 6560	(15 @120) 1800	(2 @ 130) 260	(14 @90) 1260	(11 @115) 1265	2725	273	1395	15,538	1450	550	3,884	1,865	544	372	744	45	9454	24,991	8.06

Elementary / Junior / Senior High School (K to 12) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(1 @ 90) 90	(1 @ 115) 115	430	43	80	1,328	200	100	332	159	46	24	48	40	950	2,278	11.39
225	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	90	1,428	307	100	357	171	50	27	54	40	1106	2,534	11.26
250	(5 @ 80) 400	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	100	1,518	307	100	380	182	53	30	60	40	1152	2,670	10.68
275	(6 @ 80) 480	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	110	1,608	307	100	402	193	56	33	66	40	1197	2,805	10.20
300	(7 @ 80) 560	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	120	1,698	307	100	425	204	59	36	72	40	1243	2,941	9.80
325	(8 @ 80) 640	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	130	1,788	307	100	447	215	63	39	78	40	1288	3,076	9.47
350	(9 @ 80) 720	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	595	60	140	2,060	307	130	515	247	72	42	84	40	1437	3,497	9.99
375	(10 @ 80) 800	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	595	60	150	2,150	307	130	537	258	75	45	90	40	1483	3,632	9.69
400	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(2 @ 90) 180	(2 @ 115) 230	595	60	160	2,315	307	130	579	278	81	48	96	40	1558	3,873	9.68
425	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	170	2,415	427	130	604	290	85	51	102	40	1728	4,142	9.75
450	(10 @ 80) 800	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	180	2,505	427	130	626	301	88	54	108	40	1773	4,278	9.51
475	(11 @ 80) 880	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	190	2,595	427	130	649	311	91	57	114	40	1819	4,413	9.29
500	(12 @ 80) 960	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	200	2,685	427	130	671	322	94	60	120	40	1864	4,549	9.10
525	(13 @ 80) 1040	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	210	2,775	427	130	694	333	97	63	126	40	1910	4,684	8.92
550	(14 @ 80) 1120	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	220	2,865	427	130	716	344	100	66	132	40	1955	4,820	8.76
575	(15 @ 80) 1200	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	230	2,955	427	130	739	355	103	69	138	40	2001	4,955	8.62
600	(15 @ 80) 1200	(3 @ 120) 360	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	240	3,085	427	130	771	370	108	72	144	40	2062	5,147	8.58
625	(15 @ 80) 1200	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	595	60	250	3,225	537	130	806	387	113	75	150	40	2238	5,462	8.74
650	(16 @ 80) 1280	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	815	82	260	3,557	537	160	889	427	124	78	156	40	2411	5,968	9.18
675	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	815	82	270	3,647	537	160	912	438	128	81	162	40	2457	6,103	9.04
700	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	280	3,772	537	160	943	453	132	84	168	40	2516	6,288	8.98

Elementary / Junior / Senior High School (K to 12) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(18 @ 80) 1440	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	290	3,862	537	160	965	463	135	87	174	40	2562	6,424	8.86
750	(19 @ 80) 1520	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	300	3,952	537	160	988	474	138	90	180	40	2607	6,559	8.75
775	(20 @ 80) 1600	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	310	4,042	537	160	1,010	485	141	93	186	40	2653	6,694	8.64
800	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	320	4,172	537	160	1,043	501	146	96	192	40	2714	6,886	8.61
825	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	330	4,272	632	160	1,068	513	150	99	198	40	2859	7,130	8.64
850	(21 @ 80) 1680	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	340	4,362	632	160	1,090	523	153	102	204	40	2904	7,266	8.55
875	(22 @ 80) 1760	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	350	4,452	632	160	1,113	534	156	105	210	40	2950	7,401	8.46
900	(23 @ 80) 1840	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	360	4,542	632	160	1,135	545	159	108	216	40	2995	7,537	8.37
950	(25 @ 80) 2000	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1060	106	380	4,991	632	200	1,248	599	175	114	228	40	3235	8,226	8.66
1000	(25 @ 80) 2000	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1060	106	400	5,246	632	200	1,312	630	184	120	240	40	3357	8,603	8.60
1100	(29 @ 80) 2320	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1060	106	440	5,606	747	200	1,402	673	196	132	264	40	3653	9,259	8.42
1200	(31 @ 80) 2480	(6 @ 120) 720	(2 @ 130) 260	(5 @ 90) 450	(4 @ 115) 460	1060	106	480	6,016	747	200	1,504	722	211	144	288	40	3855	9,871	8.23

Elementary / Junior High School (K - 9) (50% Elem./50% Jr. High) - Gross Area and Capacity

	INSTRUCTIONAL AREA										NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Jr. Sci	Elem. Sci	Anc	Anc	Inform. Serv.	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80)	(1 @120)		(1@130)	(1 @ 90)	(1 @ 115)															
	320	120		130	90	115	340	34	80	1,229	200	75	307	147	43	24	48	40	885	2,114	10.57
225	(4 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	320	120		130	180	115	340	34	90	1,329	307	75	332	159	47	27	54	40	1041	2,370	10.53
250	(5 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	400	120		130	180	115	340	34	100	1,419	307	75	355	170	50	30	60	40	1087	2,506	10.02
275	(6 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	480	120		130	180	115	340	34	110	1,509	307	75	377	181	53	33	66	40	1132	2,641	9.60
300	(7 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	560	120		130	180	115	340	34	120	1,599	307	75	400	192	56	36	72	40	1178	2,777	9.26
325	(8 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	640	120		130	180	115	340	34	130	1,689	307	75	422	203	59	39	78	40	1223	2,912	8.96
350	(9 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	720	120		130	180	115	515	52	140	1,972	307	100	493	237	69	42	84	40	1371	3,343	9.55
375	(10 @ 80)	(1 @120)		(1@130)	(2 @ 90)	(1 @ 115)															
	800	120		130	180	115	515	52	150	2,062	307	100	515	247	72	45	90	40	1417	3,478	9.28
400	(10 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(2 @ 90)	(1 @ 115)															
	800	120	95	130	180	115	515	52	160	2,167	307	100	542	260	76	48	96	40	1468	3,635	9.09
425	(10 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	800	120	95	130	270	115	515	52	170	2,267	427	100	567	272	79	51	102	40	1638	3,904	9.19
450	(11 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	880	120	95	130	270	115	515	52	180	2,357	427	100	589	283	82	54	108	40	1683	4,040	8.98
475	(12 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	960	120	95	130	270	115	515	52	190	2,447	427	100	612	294	86	57	114	40	1729	4,175	8.79
500	(13 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	1040	120	95	130	270	115	515	52	200	2,537	427	100	634	304	89	60	120	40	1774	4,311	8.62
525	(14 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	1120	120	95	130	270	115	515	52	210	2,627	427	100	657	315	92	63	126	40	1820	4,446	8.47
550	(15 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	1200	120	95	130	270	115	515	52	220	2,717	427	100	679	326	95	66	132	40	1865	4,582	8.33
575	(16 @ 80)	(1 @120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	1280	120	95	130	270	115	515	52	230	2,807	427	100	702	337	98	69	138	40	1911	4,717	8.20
600	(16 @ 80)	(2@ 120)	(1 @ 95)	(1@130)	(3 @ 90)	(1 @ 115)															
	1280	240	95	130	270	115	515	52	240	2,937	427	100	734	352	103	72	144	40	1972	4,909	8.18
625	(15 @ 80)	(2@ 120)	(1 @ 95)	(2@130)	(3 @ 90)	(2 @ 115)															
	1200	240	95	260	270	230	515	52	250	3,112	537	100	778	373	109	75	150	40	2162	5,274	8.44
650	(16 @ 80)	(2@ 120)	(1 @ 95)	(2@130)	(3 @ 90)	(2 @ 115)															
	1280	240	95	260	270	230	705	71	260	3,411	537	130	853	409	119	78	156	40	2322	5,733	8.82
675	(17 @ 80)	(2@ 120)	(1 @ 95)	(2@130)	(3 @ 90)	(2 @ 115)															
	1360	240	95	260	270	230	705	71	270	3,501	537	130	875	420	123	81	162	40	2368	5,868	8.69
700	(18 @ 80)	(2@ 120)	(1 @ 95)	(2@130)	(3 @ 90)	(2 @ 115)															
	1440	240	95	260	270	230	705	71	280	3,591	537	130	898	431	126	84	168	40	2413	6,004	8.58

Elementary / Junior High School (K - 9) (50% Elem./50% Jr. High) - Gross Area and Capacity

	INSTRUCTIONAL AREA										NON-INSTRUCTIONAL AREA											
Capacity	Cr.	Jr. Sci	Elem. Sci	Anc	Anc	Inform. Serv.	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(19 @ 80) 1520	(2@ 120) 240	(1 @ 95) 95	(2@130) 260	(3 @ 90) 270	(2 @ 115) 230	705	71	290	3,681	537	130	920	442	129	87	174	40	2459	6,139	8.47
750	(20 @ 80) 1600	(2@ 120) 240	(1 @ 95) 95	(2@130) 260	(3 @ 90) 270	(2 @ 115) 230	705	71	300	3,771	537	130	943	452	132	90	180	40	2504	6,275	8.37
775	(21 @ 80) 1680	(2@ 120) 240	(1 @ 95) 95	(2@130) 260	(3 @ 90) 270	(2 @ 115) 230	705	71	310	3,861	537	130	965	463	135	93	186	40	2550	6,410	8.27
800	(21 @ 80) 1680	(2@ 120) 240	(2 @ 95) 190	(2@130) 260	(3 @ 90) 270	(2 @ 115) 230	705	71	320	3,966	537	130	991	476	139	96	192	40	2601	6,567	8.21
825	(21 @ 80) 1680	(2@ 120) 240	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(2 @ 115) 230	705	71	330	4,066	632	130	1,016	488	142	99	198	40	2746	6,811	8.26
850	(22 @ 80) 1760	(2@ 120) 240	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(2 @ 115) 230	705	71	340	4,156	632	130	1,039	499	145	102	204	40	2791	6,946	8.17
875	(23 @ 80) 1840	(2@ 120) 240	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(2 @ 115) 230	705	71	350	4,246	632	130	1,061	509	149	105	210	40	2836	7,082	8.09
900	(24 @ 80) 1920	(2@ 120) 240	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(2 @ 115) 230	705	71	360	4,336	632	130	1,084	520	152	108	216	40	2882	7,217	8.02
950	(26 @ 80) 2080	(2@ 120) 240	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(2 @ 115) 230	940	94	380	4,774	632	165	1,194	573	167	114	228	40	3112	7,886	8.30
1000	(26 @ 80) 2080	(3@ 120) 360	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(3 @ 115) 345	940	94	400	5,029	632	165	1,257	603	176	120	240	40	3234	8,263	8.26
1100	(30 @ 80) 2400	(3@ 120) 360	(2 @ 95) 190	(2@130) 260	(4 @ 90) 360	(3 @ 115) 345	940	94	440	5,389	747	165	1,347	647	189	132	264	40	3531	8,920	8.11
1200	(32 @ 80) 2560	(3@ 120) 360	(3 @ 95) 285	(2@130) 260	(5 @ 90) 450	(3 @ 115) 345	940	94	480	5,774	747	165	1,444	693	202	144	288	40	3722	9,496	7.91

Middle School (Grades 5 to 9) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(1 @ 90) 90	(1 @ 115) 115	430	43	80	1,328	200	100	332	159	46	24	48	40	950	2,278	11.39
225	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	90	1,428	307	100	357	171	50	27	54	40	1106	2,534	11.26
250	(5 @ 80) 400	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	100	1,518	307	100	380	182	53	30	60	40	1152	2,670	10.68
275	(6 @ 80) 480	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	110	1,608	307	100	402	193	56	33	66	40	1197	2,805	10.20
300	(7 @ 80) 560	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	120	1,698	307	100	425	204	59	36	72	40	1243	2,941	9.80
325	(8 @ 80) 640	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	430	43	130	1,788	307	100	447	215	63	39	78	40	1288	3,076	9.47
350	(9 @ 80) 720	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	595	60	140	2,060	307	130	515	247	72	42	84	40	1437	3,497	9.99
375	(10 @ 80) 800	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	595	60	150	2,150	307	130	537	258	75	45	90	40	1483	3,632	9.69
400	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(2 @ 90) 180	(2 @ 115) 230	595	60	160	2,315	307	130	579	278	81	48	96	40	1558	3,873	9.68
425	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	170	2,415	427	130	604	290	85	51	102	40	1728	4,142	9.75
450	(10 @ 80) 800	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	180	2,505	427	130	626	301	88	54	108	40	1773	4,278	9.51
475	(11 @ 80) 880	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	190	2,595	427	130	649	311	91	57	114	40	1819	4,413	9.29
500	(12 @ 80) 960	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	200	2,685	427	130	671	322	94	60	120	40	1864	4,549	9.10
525	(13 @ 80) 1040	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	210	2,775	427	130	694	333	97	63	126	40	1910	4,684	8.92
550	(14 @ 80) 1120	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	220	2,865	427	130	716	344	100	66	132	40	1955	4,820	8.76
575	(15 @ 80) 1200	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	230	2,955	427	130	739	355	103	69	138	40	2001	4,955	8.62
600	(15 @ 80) 1200	(3 @ 120) 360	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	595	60	240	3,085	427	130	771	370	108	72	144	40	2062	5,147	8.58
625	(15 @ 80) 1200	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	595	60	250	3,225	537	130	806	387	113	75	150	40	2238	5,462	8.74
650	(16 @ 80) 1280	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	815	82	260	3,557	537	160	889	427	124	78	156	40	2411	5,968	9.18
675	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	815	82	270	3,647	537	160	912	438	128	81	162	40	2457	6,103	9.04
700	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	280	3,772	537	160	943	453	132	84	168	40	2516	6,288	8.98

Middle School (Grades 5 to 9) - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(18 @ 80) 1440	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	290	3,862	537	160	965	463	135	87	174	40	2562	6,423	8.86
750	(19 @ 80) 1520	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	300	3,952	537	160	988	474	138	90	180	40	2607	6,559	8.75
775	(20 @ 80) 1600	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	310	4,042	537	160	1,010	485	141	93	186	40	2653	6,694	8.64
800	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	815	82	320	4,172	537	160	1,043	501	146	96	192	40	2714	6,886	8.61
825	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	330	4,272	632	160	1,068	513	150	99	198	40	2859	7,130	8.64
850	(21 @ 80) 1680	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	340	4,362	632	160	1,090	523	153	102	204	40	2904	7,266	8.55
875	(22 @ 80) 1760	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	350	4,452	632	160	1,113	534	156	105	210	40	2950	7,401	8.46
900	(23 @ 80) 1840	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	815	82	360	4,542	632	160	1,135	545	159	108	216	40	2995	7,537	8.37
950	(25 @ 80) 2000	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1060	106	380	4,991	632	200	1,248	599	175	114	228	40	3235	8,226	8.66
1000	(25 @ 80) 2000	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1060	106	400	5,246	632	200	1,312	630	184	120	240	40	3357	8,603	8.60
1100	(29 @ 80) 2320	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1060	106	440	5,606	747	200	1,402	673	196	132	264	40	3653	9,259	8.42
1200	(31 @ 80) 2480	(6 @ 120) 720	(2 @ 130) 260	(5 @ 90) 450	(4 @ 115) 460	1060	106	480	6,016	747	200	1,504	722	211	144	288	40	3855	9,871	8.23

Grades 9 to 12 School - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(1 @ 90) 90	(1 @ 115) 115	550	55	90	1,470	200	110	368	176	51	24	48	45	1022	2,492	12.46
225	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	101	1,571	307	110	393	189	55	27	54	45	1179	2,750	12.22
250	(5 @ 80) 400	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	113	1,663	307	110	416	200	58	30	60	45	1226	2,889	11.55
275	(6 @ 80) 480	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	123	1,753	307	110	438	210	61	33	66	45	1271	3,024	11.00
300	(7 @ 80) 560	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	550	55	135	1,845	307	110	461	221	65	36	72	45	1317	3,162	10.54
325	(8 @ 80) 640	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	690	69	146	2,090	307	145	523	251	73	39	78	45	1460	3,550	10.92
350	(9 @ 80) 720	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	690	69	158	2,182	307	145	546	262	76	42	84	45	1507	3,689	10.54
375	(10 @ 80) 800	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	690	69	169	2,273	307	145	568	273	80	45	90	45	1553	3,826	10.20
400	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(2 @ 90) 180	(2 @ 115) 230	690	69	180	2,439	307	145	610	293	85	48	96	45	1629	4,068	10.17
425	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	191	2,540	427	145	635	305	89	51	102	45	1799	4,339	10.21
450	(10 @ 80) 800	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	203	2,632	427	145	658	316	92	54	108	45	1845	4,477	9.95
475	(11 @ 80) 880	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	214	2,723	427	145	681	327	95	57	114	45	1891	4,614	9.71
500	(12 @ 80) 960	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	225	2,814	427	145	704	338	98	60	120	45	1937	4,751	9.50
525	(13 @ 80) 1040	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	236	2,905	427	145	726	349	102	63	126	45	1983	4,888	9.31
550	(14 @ 80) 1120	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	248	2,997	427	145	749	360	105	66	132	45	2029	5,026	9.14
575	(15 @ 80) 1200	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	258	3,087	427	145	772	370	108	69	138	45	2074	5,161	8.98
600	(15 @ 80) 1200	(3 @ 120) 360	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	690	69	270	3,219	427	145	805	386	113	72	144	45	2137	5,356	8.93
625	(15 @ 80) 1200	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	690	69	281	3,360	537	180	840	403	118	75	150	45	2348	5,708	9.13
650	(16 @ 80) 1280	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	1050	105	293	3,848	537	180	962	462	135	78	156	45	2554	6,402	9.85
675	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	1050	105	304	3,939	537	180	985	473	138	81	162	45	2600	6,539	9.69
700	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	1050	105	315	4,065	537	180	1,016	488	142	84	168	45	2660	6,725	9.61

Grades 9 to 12 School - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(18 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)															
	1440	360	260	270	345	1050	105	326	4,156	537	180	1,039	499	145	87	174	45	2706	6,862	9.47
750	(19 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)															
	1520	360	260	270	345	1050	105	338	4,248	537	180	1,062	510	149	90	180	45	2752	7,000	9.33
775	(20 @ 80)	(3 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)															
	1600	360	260	270	345	1050	105	349	4,339	537	180	1,085	521	152	93	186	45	2798	7,137	9.21
800	(20 @ 80)	(4 @ 120)	(2 @ 130)	(3 @ 90)	(3 @ 115)															
	1600	480	260	270	345	1050	105	360	4,470	537	180	1,118	536	156	96	192	45	2860	7,330	9.16
825	(20 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)															
	1600	480	260	360	345	1050	105	371	4,571	632	180	1,143	549	160	99	198	45	3005	7,576	9.18
850	(21 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)															
	1680	480	260	360	345	1050	105	383	4,663	632	180	1,166	560	163	102	204	45	3052	7,715	9.08
875	(22 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)															
	1760	480	260	360	345	1050	105	394	4,754	632	180	1,189	570	166	105	210	45	3097	7,851	8.97
900	(23 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)															
	1840	480	260	360	345	1050	105	405	4,845	632	180	1,211	581	170	108	216	45	3143	7,988	8.88
950	(25 @ 80)	(4 @ 120)	(2 @ 130)	(4 @ 90)	(3 @ 115)															
	2000	480	260	360	345	1325	133	428	5,331	632	240	1,333	640	187	114	228	45	3418	8,748	9.21
1000	(25 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)															
	2000	600	260	360	460	1325	133	450	5,588	632	240	1,397	671	196	120	240	45	3540	9,127	9.13
1100	(29 @ 80)	(5 @ 120)	(2 @ 130)	(4 @ 90)	(4 @ 115)															
	2320	600	260	360	460	1325	133	495	5,953	747	240	1,488	714	208	132	264	45	3839	9,791	8.90
1200	(31 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(4 @ 115)															
	2480	720	260	450	460	1325	133	540	6,368	747	240	1,592	764	223	144	288	45	4043	10,410	8.68
1300	(34 @ 80)	(6 @ 120)	(2 @ 130)	(5 @ 90)	(5 @ 115)															
	2720	720	260	450	575	1325	133	585	6,768	840	290	1,692	812	237	156	312	45	4384	11,151	8.58
1400	(36 @ 80)	(7 @ 120)	(2 @ 130)	(6 @ 90)	(5 @ 115)															
	2880	840	260	540	575	1325	133	630	7,183	840	290	1,796	862	251	168	336	45	4588	11,770	8.41
1500	(40 @ 80)	(7 @ 120)	(2 @ 130)	(6 @ 90)	(5 @ 115)															
	3200	840	260	540	575	1325	133	675	7,548	945	290	1,887	906	264	180	360	45	4877	12,424	8.28
1600	(41 @ 80)	(8 @ 120)	(2 @ 130)	(7 @ 90)	(6 @ 115)															
	3280	960	260	630	690	1675	168	720	8,383	945	350	2,096	1,006	293	192	384	45	5311	13,693	8.56
1700	(45 @ 80)	(8 @ 120)	(2 @ 130)	(7 @ 90)	(6 @ 115)															
	3600	960	260	630	690	1675	168	765	8,748	1040	350	2,187	1,050	306	204	408	45	5590	14,337	8.43
1800	(47 @ 80)	(9 @ 120)	(2 @ 130)	(8 @ 90)	(6 @ 115)															
	3760	1080	260	720	690	1675	168	810	9,163	1040	350	2,291	1,100	321	216	432	45	5794	14,956	8.31
1900	(50 @ 80)	(9 @ 120)	(2 @ 130)	(8 @ 90)	(7 @ 115)															
	4000	1080	260	720	805	1675	168	855	9,563	1103	350	2,391	1,148	335	228	456	45	6055	15,617	8.22
2000	(52 @ 80)	(10 @ 120)	(2 @ 130)	(9 @ 90)	(7 @ 115)															
	4160	1200	260	810	805	2025	203	900	10,363	1103	400	2,591	1,244	363	240	480	45	6465	16,827	8.41
2100	(56 @ 80)	(10 @ 120)	(2 @ 130)	(9 @ 90)	(7 @ 115)															
	4480	1200	260	810	805	2025	203	945	10,728	1188	400	2,682	1,287	375	252	504	45	6734	17,461	8.31
2200	(57 @ 80)	(11 @ 120)	(2 @ 130)	(10 @ 90)	(8 @ 115)															
	4560	1320	260	900	920	2025	203	990	11,178	1188	400	2,794	1,341	391	264	528	45	6952	18,129	8.24

Grades 9 to 12 School - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
2300	(61 @ 80) 4880	(11 @ 120) 1320	(2 @ 130) 260	(10 @ 90) 900	(8 @ 115) 920	2025	203	1035	11,543	1283	460	2,886	1,385	404	276	552	45	7291	18,333	8.19
2400	(63 @ 80) 5040	(12 @ 120) 1440	(2 @ 130) 260	(11 @ 90) 990	(8 @ 115) 920	2375	238	1080	12,343	1283	460	3,086	1,481	432	288	576	45	7651	19,993	8.33
2500	(66 @ 80) 5280	(12 @ 120) 1440	(2 @ 130) 260	(11 @ 90) 990	(9 @ 115) 1035	2375	238	1125	12,743	1283	460	3,186	1,529	446	300	600	45	7849	20,591	8.24
2600	(68 @ 80) 5440	(13 @ 120) 1560	(2 @ 130) 260	(12 @ 90) 1080	(9 @ 115) 1035	2375	238	1170	13,158	1350	500	3,289	1,579	461	312	624	45	8160	21,317	8.20
2700	(72 @ 80) 5760	(13 @ 120) 1560	(2 @ 130) 260	(12 @ 90) 1080	(9 @ 115) 1035	2375	238	1215	13,523	1350	500	3,381	1,623	473	324	648	45	8344	21,866	8.10
2800	(73 @ 80) 5840	(14 @ 120) 1680	(2 @ 130) 260	(13 @ 90) 1170	(10 @ 115) 1150	2725	273	1260	14,358	1350	500	3,589	1,723	503	336	672	45	8718	23,075	8.24
2900	(77 @ 80) 6160	(14 @ 120) 1680	(2 @ 130) 260	(13 @ 90) 1170	(10 @ 115) 1150	2725	273	1305	14,723	1450	550	3,681	1,767	515	348	696	45	9052	23,774	8.20
3000	(79 @ 80) 6320	(15 @ 120) 1800	(2 @ 130) 260	(14 @ 90) 1260	(10 @ 115) 1150	2725	273	1350	15,138	1450	550	3,784	1,817	530	360	720	45	9256	24,393	8.13
3100	(82 @ 80) 6560	(15 @ 120) 1800	(2 @ 130) 260	(14 @ 90) 1260	(11 @ 115) 1265	2725	273	1395	15,538	1450	550	3,884	1,865	544	372	744	45	9454	24,991	8.06

Junior / Senior High School (Grades 7 to 12) - 50% Jr. High / 50% Sr. High - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
200	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(1 @ 90) 90	(1 @ 115) 115	490	49	85	1,399	200	105	350	168	49	24	48	40	984	2,383	11.91
225	(4 @ 80) 320	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	490	49	96	1,500	307	105	375	180	53	27	54	40	1141	2,641	11.74
250	(5 @ 80) 400	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	490	49	106	1,590	307	105	398	191	56	30	60	40	1186	2,776	11.10
275	(6 @ 80) 480	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	490	49	117	1,681	307	105	420	202	59	33	66	40	1232	2,913	10.59
300	(7 @ 80) 560	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	490	49	127	1,771	307	105	443	213	62	36	72	40	1277	3,048	10.16
325	(8 @ 80) 640	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	490	49	138	1,862	307	105	466	223	65	39	78	40	1323	3,185	9.80
350	(9 @ 80) 720	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	645	65	149	2,124	307	138	531	255	74	42	84	40	1471	3,595	10.27
375	(10 @ 80) 800	(1 @ 120) 120	(1 @ 130) 130	(2 @ 90) 180	(1 @ 115) 115	645	65	159	2,214	307	138	553	266	77	45	90	40	1516	3,730	9.95
400	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(2 @ 90) 180	(2 @ 115) 230	645	65	170	2,380	307	138	595	286	83	48	96	40	1593	3,973	9.93
425	(9 @ 80) 720	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	180	2,480	427	138	620	298	87	51	102	40	1762	4,242	9.98
450	(10 @ 80) 800	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	191	2,571	427	138	643	308	90	54	108	40	1808	4,379	9.73
475	(11 @ 80) 880	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	202	2,662	427	138	665	319	93	57	114	40	1854	4,515	9.51
500	(12 @ 80) 960	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	212	2,752	427	138	688	330	96	60	120	40	1899	4,651	9.30
525	(13 @ 80) 1040	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	223	2,843	427	138	711	341	99	63	126	40	1945	4,788	9.12
550	(14 @ 80) 1120	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	233	2,933	427	138	733	352	103	66	132	40	1991	4,923	8.95
575	(15 @ 80) 1200	(2 @ 120) 240	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	244	3,024	427	138	756	363	106	69	138	40	2037	5,060	8.80
600	(15 @ 80) 1200	(3 @ 120) 360	(1 @ 130) 130	(3 @ 90) 270	(2 @ 115) 230	645	65	255	3,155	427	138	789	379	110	72	144	40	2099	5,253	8.76
625	(15 @ 80) 1200	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	645	65	265	3,295	537	138	824	395	115	75	150	40	2274	5,569	8.91
650	(16 @ 80) 1280	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	935	94	276	3,705	537	170	926	445	130	78	156	40	2481	6,186	9.52
675	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(2 @ 115) 230	935	94	286	3,795	537	170	949	455	133	81	162	40	2527	6,321	9.36
700	(17 @ 80) 1360	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	935	94	297	3,921	537	170	980	470	137	84	168	40	2587	6,507	9.30

Junior / Senior High School (Grades 7 to 12) - 50% Jr. High / 50% Sr. High - Gross Area and Capacity

	INSTRUCTIONAL AREA									NON-INSTRUCTIONAL AREA										
Capacity	Cr.	Sci	Anc	Anc	Inform. Services	Gym	Gym Stor.	Library	Total Inst. Area	Admin. & Staff	Phys. Educ.	Circ.	Wall Area	Storage Area	Washrms Area	Flexible Space	Wiring Network	Total Non-area	Gross Area	Area per Student
725	(18 @ 80) 1440	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	935	94	308	4,012	537	170	1,003	481	140	87	174	40	2633	6,644	9.16
750	(19 @ 80) 1520	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	935	94	318	4,102	537	170	1,025	492	144	90	180	40	2678	6,780	9.04
775	(20 @ 80) 1600	(3 @ 120) 360	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	935	94	329	4,193	537	170	1,048	503	147	93	186	40	2724	6,916	8.92
800	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(3 @ 90) 270	(3 @ 115) 345	935	94	339	4,323	537	170	1,081	519	151	96	192	40	2786	7,108	8.89
825	(20 @ 80) 1600	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	935	94	350	4,424	632	170	1,106	531	155	99	198	40	2931	7,354	8.91
850	(21 @ 80) 1680	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	935	94	361	4,515	632	170	1,129	542	158	102	204	40	2976	7,491	8.81
875	(22 @ 80) 1760	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	935	94	372	4,606	632	170	1,151	553	161	105	210	40	3022	7,628	8.72
900	(23 @ 80) 1840	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	935	94	382	4,696	632	170	1,174	563	164	108	216	40	3068	7,763	8.63
950	(25 @ 80) 2000	(4 @ 120) 480	(2 @ 130) 260	(4 @ 90) 360	(3 @ 115) 345	1190	119	403	5,157	632	220	1,289	619	180	114	228	40	3323	8,480	8.93
1000	(25 @ 80) 2000	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1190	119	425	5,414	632	220	1,354	650	189	120	240	40	3445	8,859	8.86
1100	(29 @ 80) 2320	(5 @ 120) 600	(2 @ 130) 260	(4 @ 90) 360	(4 @ 115) 460	1190	119	467	5,776	747	220	1,444	693	202	132	264	40	3742	9,518	8.65
1200	(31 @ 80) 2480	(6 @ 120) 720	(2 @ 130) 260	(5 @ 90) 450	(4 @ 115) 460	1190	119	510	6,189	747	220	1,547	743	217	144	288	40	3946	10,135	8.45

Appendix D: Area Exemptions and IMR Funding Policy for Jurisdiction-Owned School Space

	Type of Use	**Area Exemption**	**Rent/Lease Charges**	**IMR Funding**
1	Closed school (subject to section 2(a) of the *Closure of Schools Regulation*)	Granted	N/A	No further IMR funding (Decentralized administration space in closed schools or in functioning schools will not receive IMR funding; however, a capacity exemption will continue to apply)
2	Lease to Cross-Government Sector	Granted	Cost or Nominal Fee	IMR funding continues except in the case of decentralized Admin leases
3	Lease to Non-Profit Sector (Including ECS, Private Operators)	Granted	Cost or Nominal Fee	IMR funding continues
4	Lease to Charter School *	Granted	No Maximum or Minimum	IMR funding provided to lessor in lieu of lease funding.
5	Lease to Accredited Private Schools	Granted	No Maximum or Minimum	No further IMR funding
6	Lease to Registered Private Schools	Granted	No Maximum or Minimum	No further IMR funding
7	Lease to Private Sector for non-Private School Use.	Not Granted	No Maximum or Minimum	No further IMR funding

* See section on Leasing.

Appendix E: Disposition of Schools and Land

Terms and Conditions – Disposition of Schools and Land

When a school jurisdiction declares a school building surplus to its needs, consideration should be given to other public education purposes and community services. The *Disposition of Property Regulation*, addresses issues pertaining to the sale and lease of school and non school buildings and land.

The Disposition of Property Regulation is currently under review as part of the review of regulations for the *Education Act*.

Sale
Jurisdictions are requested to notify Capital Planning, Education of their intent to dispose of property prior to making a formal request for ministerial approval. Receiving the notification of intent in advance of the formal request will allow government to identify any interest in the property prior to the school jurisdiction's seeking appraisals and engaging a potential buyer.

This two-stage process allows Capital Planning staff to first conduct the relevant background checks necessary to make a recommendation to the Minister of Education. These checks will include identification of potential alternative uses for the property, identification of potential government uses and verification of land title. Once this notification is given the jurisdiction may begin fulfilling any applicable Disposition of Property Regulation AR181/2010 requirements.

The initial notification of intent to dispose can be made in writing to the designated Capital Planning contact. After Capital Planning has notified the schoolr jurisdiction that the checks are complete and has identified no obstacles to disposition, the school jurisdiction may proceed with gathering the required appraisals and tendering of the property. Once a buyer has been identified, a written request for ministerial approval, including legal land description, buyer information, selling price, number of bids and appraisal values (if required by the Regulation) should be made to the Executive Director, Capital Planning, Education.

The use of the proceeds from the sale of school facilities is determined according to a formula described in the *Disposition of Property Regulation*. The Regulation describes the requirements associated with the sale of the property.

Lease
- Vacant school space should be directed toward use intended for community and public needs whenever possible and feasible.
- Individuals or corporations entering into a lease agreement with a school board must have legal status acceptable to Education.
- Under section 2(2)(b) of the *Disposition of Property Regulation*, a board leasing out a school building, or a portion thereof, shall complete the "Leasing of School Space" form.
- Lease of school property does not require Ministerial approval, however, if the lease is for a period of one year or longer, the agreement must include a 12 month termination clause.

Land
In accordance with section 200 (2) of the *School Act*, a board may, with prior written approval of the Minister, sell , lease, rent or otherwise dispose of any of its real property. Sections 671 to

677 of the *Municipal Government Act* address the terms and conditions of the use and disposal of Reserve Land.

Appendix F: Infrastructure Maintenance and Renewal (IMR) Program Funding Priorities and Project Categories

Event Types Table Title	Definition	Example
Maintenance (Included in FCI Rating Calculation)		
Failure Replacement	Replacement of one technical (component) for another having the capacity to perform the original function based on actual failure or observed deterioration that can reasonably predict remaining actual service life. *Replacement may arise from obsolescence, lack of parts, cumulative effect of wear and tear, premature failure, or destruction through exposure to fire or other hazard.*	Roof has wet insulation and has been previously patched. Roof will require replacement in two years. Or Roof has major defects and requires replacement immediately.
Life Cycle Replacement	Replacement of a technical (component) based on a theoretical service life. Start year for this event type must be 2015 or beyond. *Where there is observed deterioration that can reasonably predict remaining actual service life the event should be classified as Failure Replacement.*	Roof has no deficiencies. Theoretical life is 25 years. If roof is 15 years old, replace in 10 years If roof is 25 years old, replace in 2015.
Repair	Work to restore a damaged or worn-out technical (component) to a normal operating condition. *This may require the replacement of damaged or worn-out parts.*	Repair roof leak. Replace flashing around chimney.
Preventive Maintenance	Tasks undertaken to maintain a technical (component) or part at a specified level of performance and to achieve its theoretical service life. *Preventive maintenance includes such work as periodic inspection; adjustment, overhaul, painting; replacement of consumable parts, resurfacing; and other actions to assure continuing service and to prevent breakdown.*	Paint wood siding to prevent rot
Code Repair	Work required to effect compliance with the code under which the original facility, additions or major alterations were designed. *In the absence of records, it is generally assumed that buildings were built according to the code in place at the time of construction. However evaluations may reveal non-compliance with the relevant code at the time of construction or the authorities having jurisdiction over the code may deem newer requirements to be retroactive. Action to correct this non-compliance is considered a code repair.*	Patch holes in ceiling that forms part of a fire separation
Hazardous Materials Abatement	Work to contain or remove materials that are an immediate hazard to building occupants	Replace ceiling tiles that contain asbestos. Fibers falling on staff.

Study (Not included in FCI Rating Calculation)		
Study	Study to determine the need for and the scope of an event. Provide two events: one for the cost of the study and one to correct the deficiency with an order of magnitude cost .	Study to determine scope and cost for new ceiling system

Upgrading (Not included in FCI Rating Calculation)		
Code Upgrade	Work which the current Building Code requires for new buildings but is not retroactive for buildings built prior to the current code. *This work may be required if there is a major renovation or change in use of a facility. It may also be determined that the work should be done to meet acceptable standards.*	Install sprinkler system
Barrier Free Access Upgrade	Work that addresses a situation that is not a retroactive code requirement but would significantly improve accessibility for persons with physical or sensory mobility restrictions.	Widen doors to all washrooms
Indoor Air Quality Upgrade	Work that addresses a situation that is not a retroactive code requirement but would improve indoor air quality.	New or expanded ventilation system to meet current occupational health and safety indoor air quality standards.
Hazardous Material Management Upgrade	Work to remove a hazardous material that is contained and is not a current hazard to building occupants. Removal may be required if area is to be renovated.	Replace asbestos fire proofing material on roof joists above ceiling. No fibers coming loose.
Energy Efficiency Upgrade	Work that will reduce energy consumption, with a maximum of a 6-year payback period. Recommendations should include an estimate of "payback" time and note if work must be done in conjunction with other work to be financially viable	Replace classroom lighting with high efficiency fixtures.
Program Functional Upgrade	Changes to the interior arrangements or other physical characteristics of an existing facility or installed equipment so that it can be used more effectively for its currently designated program or adapted to a new use.	Enlarge CTS room; Replace good condition but dated carpet to improve building image. Install computer room security system. Increase electrical panel capacity for future loads.
Operating Efficiency Upgrade	Changes to the interior arrangements or other physical characteristics of an existing facility or installed equipment so that it can be operated more efficiently. Recommendations should include an estimate of "payback" time and/or note if work must be done in conjunction with other work to be financially viable	Replace carpet with tile to reduce the cost

Appendix G: Protocol for Provision of Space for Charter Schools

1. A person or society wishing to establish a charter school should also refer to the following for information about capital support and leasing assistance as well as for general information on establishment of a charter:

    - *School Act*, Part 2 - Division 3
    - Alberta Regulation 212/2002-*Charter School Regulation*
    - *Education's Funding Manual for School Authorities* http://education.alberta.ca/admin/funding/manual.aspx
    - *Education, Charter School Handbook* http://education.alberta.ca/media/434258/charter_hndbk.pdf
    - *Education, Guide for Charter School Education Planning and Results Reporting* http://education.alberta.ca/media/441527/CharterSchGuide2007.pdf
    - Education's Capital Planning staff is aware of all new charter applications, and can facilitate access to facilities. The date on which a new charter school commences operations or an existing charter school expands its operations to new facilities will be subject to availability of space.

2. Existing charter operators will request additional or new space needs by including the request in its Three-Year Capital Plan submitted to Education. Education will review the request to ensure the request is consistent with the operator's charter, including: approved enrolment cap, program need, grade structure, school capacity, enrolment, space utilization, status of the charter term, and the timing necessary to facilitate the space request.

3. The Capital Planning Branches of Education will facilitate access to additional school space within the approved enrolment cap.

4. Education funding may be provided for a charter board to lease a facility subject to the needs identified and supported by Education.

Appendix H: List of References

- *School Act*
  http://qp.alberta.ca/570.cfm?frm_isbn=9780779733941&search_by=link
- *Municipal Government Act*
  http://qp.alberta.ca/570.cfm?frm_isbn=9780779741069&search_by=link
- *School Buildings and Tendering Regulation*
  http://qp.alberta.ca/570.cfm?frm_isbn=0773263403&search_by=link
- *Disposition of Property Regulation*
  http://qp.alberta.ca/570.cfm?frm_isbn=9780779732708&search_by=link
- *Closure of Schools Regulation*
  http://qp.alberta.ca/570.cfm?frm_isbn=9780779735167&search_by=link
- *Charter Schools Regulation*
  http://qp.alberta.ca/570.cfm?frm_isbn=0779743687&search_by=link
- *Design and Construction: Standards and Guidelines for School Facilities*
  http://www.infrastructure.alberta.ca/738.htm
- *School Facilities: Guidelines for Upgrades to Building Elements and Systems*
  http://www.infrastructure.alberta.ca/738.htm
- *Operations and Maintenance: A Guide for School Trustees, Administrators and Consultants*
  http://www.infrastructure.alberta.ca/738.htm
- *Construction Management : An Owners Guide to Using the Construction Management Project Delivery System on Alberta Infrastructure Funded Building Projects*
  http://www.infrastructure.alberta.ca/738.htm

Appendix I: List of Forms

- *New School Project Application* is available in the Web-based Application (WAP).
- *Expansion and Modernization Project Application* is available in the Web-based Application (WAP).

The following school forms are available on-line at http://www.education.alberta.ca/department/ipr/capitalplanning/infrastructureresources.aspx

- *Form 1 - Notice of School Opening Ceremony*
- *Form 2 - School Openings Information Sheet*
- *Form 3 - Statement of Final Costs*
- *Form 8 - Site Readiness Checklist*
- *Form 9 - New Modular Request*
- *Form 10 - Relocation of Portable/Modular Classroom Requests*
- *Form 12 - ReCAPP®IMR Report Cover Sheet*
- *Form 13 - Lease Request Form*
- *Form 14 – New Modular Prep Sheet*
- *Form 15 – Modular Relocation Prep Sheet*

New School Project Application

This is a web-based form and is available on the Web-Based Application (WAP).

Expansion and Modernization Project Application

This is a web-based form and is available on the Web-Based Application (WAP).

Form 1 Notice of School Opening Ceremony

Government of Alberta ■
Infrastructure

NOTICE OF SCHOOL OPENING CEREMONY

Bronze plaque orders must be received *a minimum of 8 weeks* before the opening date to provide sufficient time for manufacturing. Requests or changes received after this deadline are subject to delivery after the opening date.

School Board: _____

Local Contact Person: _____

Address: _____

_____

Telephone: _____

Name of School: _____

Address: _____

_____

Telephone: _____

Date of Opening: _____ **Time:** _____

Type of Project: (please check) ☐ New School ☐ Addition ☐ Modernization

CEREMONY PARTICIPANTS

Ministers: _____

MLA(s): _____

M.P.(s): _____

Alberta Infrastructure Representative(s): _____

Other Representative(s): _____

MAIL OR FAX TO:

Director, Learning Facilities North,
Learning Facilities Branch, Alberta Infrastructure
2nd Floor, 6950 - 113 Street, Edmonton, Alberta T6H 5V7
Telephone: (780) 422-7529 Fax: (780) 427-5816

Director, Learning Facilities South,
Learning Facilities Branch, Alberta Infrastructure
10th Floor, 620-7Avenue S.W., Calgary, Alberta T2P 0Y8
Telephone: (780) 422-7442 Fax: (403) 297-2992

The following practices will be followed with regard to items to be presented at official school openings.

- For all government-funded projects of $2.5 million or more (school preservation and expansion approvals combined), school boards will be presented with the provincial Coat of Arms, an Alberta flag, a card and a bronze plaque.
- For all government-funded projects of under $2.5 million, school boards will be presented with the provincial Coat of Arms, an Alberta flag and a card (when requested by the board).
- Board-funded school projects and non-school buildings do not qualify for the provincial Coat of Arms, an Alberta flag, a card and a bronze plaque so these items will not be supplied by Infrastructure in those cases.
- Bronze plaques will be presented by the Minister or a department representative on behalf of the government.
- The provincial Coat of Arms will be presented by the government MLA responsible for the constituency in which the school is located.

EDFM0006 January 2012

Form 2 School Openings Information

Government of Alberta ■

Infrastructure

SCHOOL OPENINGS INFORMATION SHEET

School Board: _____

Name of School: _____

Opening Date: _____

Construction Completion Date: _____

Background on School Name: _____

_____

Enrolment: _____

Grades: _____

Principal's Name: _____

Vice Principal's Name: _____

Board Chairman's Name: _____

Trustees' Names:

_____ _____ _____

_____ _____ _____

_____ _____ _____

Number of Staff: _____

School Philosophy: _____

_____

School Colours: _____

Programs Offered: _____

_____

Special Features: _____

_____

Community Involvement: _____

_____

This information will be used for briefings. Please include any additional information that may be of interest such as special classes, architecture, location, etc.
The Learning Facilities Branch of Alberta Infrastructure will provide the technical information specific to the project such as school capacity, architect, contractor, date of tender approval, tender amount, government support, etc

Form 3 Statement of Final Costs

Statement of Final Costs

(in accordance with The School Act RSA 2000, Sections 203, 204, 205 and 206)

Form 3 - Revised January 2011

Jurisdiction Name			
School Name		**Minute / File No**	
Project Description		**Program Year**	

A. Statement of Project Costs (All costs to exclude GST)	**Approved Project Cost Budget**	**Actual Project Cost**	**Variance Excess/(Shortfall)**
Building Construction Costs	-	-	-
Consultant Fees	-	-	-
Project Expenses	-	-	-
Site Development	-	-	-
Furniture and Equipment	-	-	-
CTS Equipment	-	-	-
Leasing Costs	-	-	-
Other (please specify)	-	-	-
	-	-	-
Sub-total of Costs before GST	-	-	-
GST on subtotal as applicable	-	-	-
Total Project Expenditure	-	-	-
Less Federal GST rebate (68% of GST)	-	-	-
TOTAL PROJECT NET COST	-	-	-

B. Statement of Other Project Funding - from Approved Budget		
Interest Income Earned & applied to this project	-	
Capital Reserves	-	
Local Contributions	-	
Capital Agreements — Federal Government	-	
Capital Agreements — Municipalities	-	
Capital Agreements — Other	-	
Insurance Recovery	-	
Grants from Other Sources	-	
Other (please specify)	-	
	-	
Total of Funds from Other Sources	-	
Approved Total Provincial Support	-	

☐ Small scale plans have been submitted

☐ Final plans & specifications have been submitted

Please submit to Learning Facilities and Alternative Procurement Branch, Alberta Infrastructure
Edmonton Office: 2nd Floor Infrastructure Building, 6950 - 113 Street, Edmonton, AB, T6H 5V7 Fax (780) 427-5816
Calgary Office: 10th Floor John J Bowlen Building, 620 - 7 Avenue SW, Calgary, AB, T2P 0V8 Fax (403) 297-3264

STATEMENT OF FINAL COSTS - (continued)

C. Project Excess or Shortfall	
Approved Provincial Support	-
Funds from Other Sources	-
Total of Approved Funds Available	-
Less: Actual Total Project Cost (TPC)	-
Excess (Shortfall) on Project	-

D. Statement of Certification

I certify that: 1) the actual costs reported above reflect the true and complete cost of this project, and

2) the expenses are substantiated by invoices paid or payable and retained with our financial records.

SECRETARY TREASURER	SIGNATURE	DATE

E. Request to Reallocate Excess Funds (must be entered as a negative number)	
Excess on Project	-
Transfer to Project Shortfall from project budget -	
Transfer to Project Shortfall from project budget -	
Appoved local contributions not required	
Unused Funding - (will reduce Provincial Support)	
(This total must equal the excess from Section C above)	-

F. Request to Use Other Funds to Cover Shortfall (must be entered as a positive number)	
Shortfall on Project	-
Interest Income Earned and applied to the project	
Transfer from Capital Reserves	
Other local funding (provide explanation)	
Transfer from Excess available from project budget -	
Transfer from Excess available from project budget -	
Transfer from IMR allocation	
Additional Government Support Required	
(This total must equal the shortfall from Section C above)	-

G. Allocation of Cash Flow	
Total Amount of Approved Provincial Support	-
Plus: Total Amount of Approved Transfer Requests from existing project budgets (from F above)	-
Plus: Additional Government Support being Approved	-
Minus: Total Amount of Approved Transfer Requests from existing project budgets (from E above)	-
Minus: Unused funding (from E above)	-
Revised Total Provincial Support	-
Provincial Payments Received to Date	
Final Provincial Payment Requested	-
Amount of Overpayment that will be reclaimed	

NOTE - If an overpayment has been made, funding will be deducted from another project (see #4 below)

H. For Office Use Only

Item	Signature
1. **Approved TPS, Budget** and **Payments Made to Date** have been verified to sytem backup	
2. Excess available from other projects has been verified.	
3. Request to reallocate excess or shortfall is recommended by Education Manager	
4. Overpayment will be deducted from project number	
Remaining Overpayment will be deducted from project number	

Notes:

	Date

2

Form 5 IMR Block Funding Allocation Report

Note: Use of this report has been discontinued. All IMR expenditures are to be entered into the ReCAPP system and the summary report is produced from that system. See section 7 of this manual or contact your Senior Manager if you have any questions.

Form 8 Site Readiness Checklist

Government of Alberta
Education

SITE READINESS CHECKLIST

NOTE: A copy of this form must be completed and submitted with your Three Year Capital Plan for each New or Replacement School project requested within the first year of that plan

School Authority
Name of Project
Location

1. Does the Board have legal title or interest in the land to be used for the building envelope? YES ☐ NO ☐

   Yes ⇨ Provide the legal description of the property.

   No ⇨ Provide an explanation.

2. Does the current zoning enable the construction of a school? YES ☐ NO ☐

   NO ⇨ If rezoning is required please provide details on requirements and potential cost considerations.

3. Are services such as power / water / sanitary / storm / gas available to the property line? YES ☐ NO ☐

   NO ⇨ Provide an estimate of the time required to provide the required services.

4. Is the site topography suitable for the project? YES ☐ NO ☐

   NO ⇨ Provide details of site challenges.

5. Do geotechnical or foundation concerns exist? YES ☐ NO ☐

   YES ⇨ Provide details of concerns.

6. Has a Phase 1 Environmental Site Assessment been completed? YES ☐ NO ☐

   YES ⇨ Were any issues identified? YES ☐ NO ☐

   YES ⇨ Provide details of issues identified.

Government of Alberta ■
Education

SITE READINESS CHECKLIST

7. Are further environmental assessments warranted? YES ☐ NO ☐

   YES ⇨ Provide an explanation.

8. Is the site outside 1:500 year floodplain? YES ☐ NO ☐

   NO ⇨ Provide details.

9. Is adequate road access available for construction? YES ☐ NO ☐

   NO ⇨ Provide details.

10. Are there any other issues, concerns or remediation required to make the site ready for construction to begin? YES ☐ NO ☐

    YES ⇨ Provide an explanation.

I confirm that the above information is accurate.

Signature	**Print Name**
Title	**Date**

Contact person if different than above:

	( ) -
Print Name	**Phone Number**

Form 9 New Modular Requests

Government of Alberta ■
Education

NEW MODULAR REQUESTS FOR 2014/2015

Jurisdiction: _____

Board Priority #	Facility Name	Location	Number of Units Required	Link Required (Y or N)	Category Code	Required Documents Attached?	Age of unit	Site Ready Date	Detailed Explanation for Category Code / Modular Request
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
		Total of New Units Requested	0						

Category Codes:
1 = Health and Safety (Please explain)
2 = Enrolment Pressures (Please explain)
3 = Program Delivery (Please explain)
4 = Evergreening (Please Explain)

_____
Superintendent or Designate
(Signature req'd on last sheet only)

Please e-mail the original Excel document to edc.cpdata@gov.ab.ca

Form 10 Relocation of Portable / Modular Classroom Requests

Government of Alberta ■
Education

RELOCATION OF PORTABLE / MODULAR CLASSROOM REQUESTS FOR 2014/2015

Jurisdiction: _____

Board Priority #	Originating Facility Name/Location	Receiving Facility Name/Location	# of Units to be moved to Receiving Facility	Link Req'd (Y or N)	Category Code	Explanation for Request
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
			0	Total		

Category Codes:
1 = Health and Safety (Please explain)
2 = Enrolment Pressures (Please explain)
3 = Class Size Initiative (Please explain)
4 = Other (Please Explain)
5 = Surplus Portable

_____
Superintendent or Designate
(Signature req'd on last sheet only)

Please e-mail the original Excel document to edc.cpdata@gov.ab.ca

Form 13 Lease Funding Requests

Government of Alberta ■

Education

LEASE FUNDING REQUESTS

for

Jurisdiction:

	Program Name	Facility Location	Owner	Lease History	Details of Changes In Request	Gross Area In Square Metres	Change In Area from previous Year	Grades	Negotiated Annual Cost	Lease Start Date	Does lease include any PO&M services? Y/N	Is SuperNet connection on site? (Y/N)	Agreement attached? Y/N *	Information/Rationale
Third Party Leases														
1														
2														
3														
4														
SPACE LEASED FROM ANOTHER JURISDICTION														
1									N/A		N/A			
2									N/A		N/A			
3									N/A		N/A			
4									N/A		N/A			

* Please attach a copy of the unsigned lease agreement for any proposed new or renewed lease.

Superintendent or Designate
(Signature req'd on last sheet only)

Please e-mail the original Excel document to edc.cpdata@gov.ab.ca

Form 16 Declaration of Surplus Modular Classrooms

Government of Alberta ■

Education

DECLARATION OF SURPLUS MODULARS FOR 2014/2015

Jurisdiction: _____

	Facility Name	Location	Number of surplus units	Modus Modular or Portable	Age of Unit	Number of Type A Units	T Numbers of Type A Modus Units	Number of Type B Units	T Numbers of Type B Modus Units	Condition of Unit(s)	Are funds required to remediate site	Amount of requested funding	Detailed Explanation -
			0			0		0					Total Number of Units Being Made Available to Eduoation

Superintendent or Designate

(Signature req'd on last sheet only)

Please e-mail the original Excel document to edc.cpdata@gov.ab.ca