



Sudbury Secondary Renewal

Diane Cayen-Arnold

Superintendent of Business

June 19, 2007



Sudbury Secondary School

At the January 29, 2007 Board Accommodation Review meeting, trustees approved the following:

That a community consultation occur for the renewal of Sudbury Secondary School.

Ministry Benchmarks

Average Daily Enrolment (ADE):

Total # of students at October 31st x 50%

plus

Total # of students at March 31st x 50%

Ministry Benchmarks

On The Ground Capacity (OTG):

Elementary school – one classroom is deemed to be loaded at
23 students

Secondary school – one classroom is deemed to be loaded at
21 students

Certain rooms in both panels are deemed to be zero

Capacity Loading Factors - Secondary

For purposes of determining the capacity of secondary schools (Grade 9 to OAC), the capacity of the following types of spaces are:

Deemed to be 21 (secondary)	Deemed to be Zero (secondary)
Art Room <ul style="list-style-type: none"> space may be scheduled for use for instructional purposes throughout the day in a rotary setting 	Auditorium <ul style="list-style-type: none"> provides space for student assemblies during the school day
Broad-based Technology/Technological Education Room <ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	Cafeteria/Cafetorium <ul style="list-style-type: none"> space not used for instructional purposes
Classroom <ul style="list-style-type: none"> space configured for general instructional purposes 	Change Rooms <ul style="list-style-type: none"> space not used for instructional purposes

Commercial Practice Lab/Room	Child Care Centres
<ul style="list-style-type: none"> space may be scheduled for use for instructional purposes throughout the day in a rotary setting 	<ul style="list-style-type: none"> reflects government policy decision not to include space used as child care centers prior to January 1, 1998 in the calculation of a school's capacity
Computer Studies Room	Guidance
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	<ul style="list-style-type: none"> space not used for instructional purposes
Family Studies Room	Gymnasium (1st gymnasium space only)/Exercise Room
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	<ul style="list-style-type: none"> provides space for student assemblies or athletic competitions during the school day
Gymnasium (excluding 1st gymnasium space)	Health Unit
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	<ul style="list-style-type: none"> space not used for instructional purposes
Laboratory/Science Room (Physics, Chemistry and Biology)	Library Resource Centre
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	<ul style="list-style-type: none"> typically used for research or study purposes by students working independently or in groups and not directly supervised by a teacher

Lecture Room	Lunch Room
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting for standard sized classes even though Lecture Rooms typically have more than 22 seats, it is impractical to schedule large groups on a consistent basis 	<ul style="list-style-type: none"> space not used for instructional purposes
Music Room (Instrumental and Vocal)	Portable/Portapak
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	<ul style="list-style-type: none"> temporary accommodation
Relocatable Unit - Permanent	Relocatable Unit - Non-Permanent
<ul style="list-style-type: none"> space configured for general instructional use units which are connected and integrated with the main school building: constructed of non-combustible materials such as steel frame of pre-cast concrete; and are either on full perimeter foundations or built on engineered concrete piers. 	<ul style="list-style-type: none"> units which do not meet the criteria established for permanent units
Theatre Arts	
<ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	

NOTE:

- Special Education rooms are deemed to have a capacity of 9;
- General Instructional Space having an area ranging from approximately 38m² to 64m² (400 to approximately 700 square feet) are deemed to have a capacity of 12;
- Special Purpose Rooms of less than 38 m² (400 square feet) are deemed to have a capacity of 0.
- The room type "Enrolment Pressures" carries no standard capacity. For details of how the Enrolment Pressures capacity is calculated, see "[Inventory Updates](#)".

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Utilization Rating

Good	> 79%
Fair	70 to 79%
Poor	50 to 69%
Critical	< 50%

- Enrolment divided by the On The Ground Capacity (OTG)
- Reflects only the number of students spaces in a school
- Based on Ministry of Education funding benchmarks

Cumulative Capital Projects

In December 2003 the Ministry of Education announced an integrated review of all facilities in the province.

An overall inspection of all school properties was finalized in the fall of 2004.

All capital projects and repairs identified through the inspections were entered into a central database.



Rainbow
District School Board

Cumulative Capital Projects

Architectural	Mechanical
Blinds	Air Handling Unit
Ceilings	Boilers
Doors	Drains
Foundation	Plumbing Fixtures/Pipes
Facia/Soffit/Parapet	Exhaust Fans
Flooring	Heating/Cooling Pipes
Hardware	Water Heaters
Lockers	Underground Services
Masonry	
Millwork	
Partitions/Walls	
Painting	
Roofing	
Windows	



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Cumulative Capital Projects

Electrical	Land/Parking
Interior/Exterior Lighting	Parking Lots
Lighting Fixtures	Playgrounds
Fire Alarm System	Roadway
Fire Extinguishers	Site Improvements
Clock System	Retaining Walls
Switchgear – Exterior Switch	Walkways
Terminal Units	Yards
Panels	Fields
Aboveground services	
Transformer	
Handicap Accessibility	Environmental

Facility Condition Index (FCI) *Definition*

$$\text{FCI} = \frac{\text{Cumulative Capital Replacement Cost of School}}{\text{Replacement Cost of School}}$$

GOOD Range :	FCI (0% to 5%)
FAIR Range :	FCI (5% to 10%)
POOR Range :	FCI (> 10% to 30%)
CRITICAL Range: FCI (> 30%)	
Prohibitive To Repair: FCI (65% or >)	



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District School Board

Sudbury Secondary School

- Initial phase built in 1920
- 233,060 square feet
- French Immersion Grades 9 to 12
- Magnet school for the performing arts program
- On The Ground Capacity (OTG) 1,557
 - excludes Media Centre, Information Services, Co-op office, Athletic Admin office
 - includes Continuing Education classrooms (OTG of 105)

Sudbury Secondary School

- The cost to renew S.S.S. to 'good' condition is up to \$22.5M in the next 5 years
- Utilization is predicted to remain just over 50% in the next 5 years
- Auditorium in dire need of repair; budget requests from school to upgrade the auditorium back to 2004 - 2005
- Entrance to the auditorium and to the school need reconfiguration to address traffic flow
- Configuration of the school presents supervision challenges
- Not enough parking



Permanent Gross Floor Area/Age

Facility Detail

Room Detail

Rooms Summary

Non-Permanent GFA/Age

Select School

5975 Sudbury S.S.

DSB Number: 3 SFIS ID: 5975 Facility Name: Sudbury S.S.

BSID Number: 941298 Language: English

Action	Year Built	Gross Floor Area (m ²)	Type	Comments
Insert			Addition	
Update Delete	1920	3174	Original	
Update Delete	1930	1106	Addition	
Update Delete	1939	2800	Addition	
Update Delete	1949	8611	Addition	
Update Delete	1959	5659	Addition	
Update Delete	1963	301	Addition	
Update Delete	1973	665	Addition	
Total Permanent GFA		22316		



School Facilities Inventory System

Data reflects the 2006-2007 Year

Rooms Summary

Facility Detail

Room Detail

Permanent GFA/Age

Non-Permanent GFA/Age

Select School

5975 Sudbury S.S.

DSB Number: 3 SFIS ID: 5975 Facility Name: Sudbury S.S.

BSID Number: 941298 Language: English

Permanent Space Room Summary For

2006-2007 OTG

R#	Space Type	Current Use	Load
A110	Auditorium	Auditorium	0
C2	Cafeteria	Cafeteria	0
C10	Classroom	Broad-Based Technology	21
B100	Classroom	Child Care	0
A203	Classroom	Classroom	21
A204	Classroom	Classroom	21
A209	Classroom	Classroom	21
A210	Classroom	Classroom	21
A217	Classroom	Classroom	21
A301	Classroom	Classroom	21
A304	Classroom	Classroom	21
A305	Classroom	Classroom	21
A306	Classroom	Classroom	21
A307	Classroom	Classroom	21
A308	Classroom	Classroom	21
A309	Classroom	Classroom	21
A310	Classroom	Classroom	21
A311	Classroom	Classroom	21
A313	Classroom	Classroom	21
B200	Classroom	Classroom	21
B209	Classroom	Classroom	21
B305	Classroom	Classroom	21
B306	Classroom	Classroom	21
B308	Classroom	Classroom	21
B309	Classroom	Classroom	21
B314	Classroom	Classroom	21
B315	Classroom	Classroom	21
B316	Classroom	Classroom	21
B317	Classroom	Classroom	21
C203	Classroom	Classroom	21
C204	Classroom	Classroom	21
C205	Classroom	Classroom	21
C206	Classroom	Classroom	21
3220	Classroom	Computers	21
C100	Classroom	Computers	21

B205	Classroom	Library Resource	0
C202	Classroom	Library Resource	0
B208	Classroom	Other	21
B313	Classroom	Other	21
B304	Classroom	Special Education	21
A211	Classroom	Theatre/Dramatic Arts	21
A212	Classroom	Theatre/Dramatic Arts	21
A216	Classroom	Theatre/Dramatic Arts	21
B211	Computer Room	Computers	21
B214	Computer Room	Computers	21
C101	Computer Room	Computers	21
C102	Computer Room	Computers	21
C103	Computer Room	Computers	21
B215	Computer Room	Special Education	21
B216	Computer Room	Special Education	21
C6&C7	Exercise Room	Other	0
LUNCH	Exercise Room	Other	0
B201	Family Studies	Family Studies	21
B213	Family Studies	Family Studies	21
B105	Graphics/Visual Arts Rm	Graphic/Visual Art	21
B218	Graphics/Visual Arts Rm	Graphic/Visual Art	21
B107	Gymnasium	Theatre/Dramatic Arts	0
GYM B	Gymnasium Multiple	Gymnasium	21
GYM D	Gymnasium Multiple	Gymnasium	21
GYM E	Gymnasium Multiple	Gymnasium	21
LIBRARY	Library Resource Centre	Library Resource	0
A111	Music Rm (Instrumental)	Music (Instrumental)	21
B114	Music Rm (Instrumental)	Music (Instrumental)	21
B110	Music Room (Vocal)	Music (Vocal)	21
B116	Music Room (Vocal)	Music (Vocal)	21
A101	Other	Auditorium	0
A200	Other	Other	0
A4	Other	Other	0
A115	Science Laboratory	Science Laboratory	21
A116	Science Laboratory	Science Laboratory	21
A118	Science Laboratory	Science Laboratory	21
A119	Science Laboratory	Science Laboratory	21
C104	Science Laboratory	Science Laboratory	21
A114	Science Room	Science	21
A29	Seminar Room	Other	0
A9	Seminar Room	Other	0
B217	Seminar Room	Other	0
A218	Seminar Room	Seminar	0
B300	Special Ed.	Computers	9
A208	Special Ed.	Special Education	9
A312	Special Ed.	Special Education	9
B303	Special Ed.	Special Education	9
B312	Special Ed.	Special Education	9
A207	Staff Work Rm./Lounge	Staff Work/Lounge	0
B204	Staff Work Rm./Lounge	Staff Work/Lounge	0
C9	Technical/Vocational	Art	21
B102	Technical/Vocational	Broad-Based Technology	21
C12	Technical/Vocational	Broad-Based Technology	21
C13	Technical/Vocational	Broad-Based Technology	21
C201	Technical/Vocational	Classroom	21

B106	Technical/Vocational	Graphic/Visual Art	21
B101	Technical/Vocational	Other	21
B301	Technical/Vocational	Technical/Vocational	21
C11	Technical/Vocational	Technical/Vocational	21
A213	Theatre/Dramatic Arts	Theatre/Dramatic Arts	21
Capacity for 2006-2007 OTG			1557

OTG=On The Ground Capacity

NPP=New Pupil Place Capacity

A15
 A7
 A5
 A6.

} MEDIA + IT DEPART, COOP, ATHLETIC ADMIN

CONT. ED = C201
 C202
 C203
 C204
 C205
 C206

RAINBOW DISTRICT SCHOOL BOARD

Sudbury Secondary School

June 19, 2007

FCI (Facility Condition Index) Rating:

Good FCI Rating = Less Than 5%

Fair FCI Rating: 5% to 10%

Poor FCI Rating: 10% to 30%

Critical FCI Rating: Greater Than 30%

Prohibitive to Repair: 65% or Greater

Utilization					FCI		Cumulative Capital	
ADE (Average Daily Enrolment) 2006-2007	OTG (On The Ground Capacity) 2006-2007	% Utilization 2006-2007	ADE 5 year (Average Daily Enrolment) 2010 - 2011	% Utilization 2010 - 2011	FCI (Facility Condition Index) 2006 - 2007	5 year FCI (Facility Condition Index) 2010 - 2011	Cumulative Capital Projects 2006 - 2007	5 year Cumulative Capital Projects 2010 - 2011
842	1557	54%	866	56%	67%	71%	\$ 21,246,101	\$ 22,510,515