Cutler, Rosa EDUC:EX

From: Mason, Shanna EDUC:EX

Sent: Monday, January 11, 2016 11:49 AM

To: Cutler, Rosa EDUC:EX **Subject:** FW: Meeting Follow Up

Attachments: Vancouver Quadrant Utilization Tables SY 14 15.pdf; 2003-04 Capital Plan Instructions

75252.pdf; Copy of VSB School - Safety Seat Analysis - Prioritization Cversion.xlsm

Here is what I have in response to the FOI about utilization.

I'll see what more I may have.

Shanna Mason

Assistant Deputy Minister Planning & Major Projects Ministry of Education Shanna.mason@gov.bc.ca 250-356-6750

From: Mason, Shanna EDUC:EX

Sent: Friday, November 27, 2015 3:06 PM

To: 'Scott Robinson (Supt Office)'

Cc: Ballman, Lesley EDUC:EX; Mounteney, Renee EDUC:EX; Pharand-Fraser, Nicole EDUC:EX

Subject: Meeting Follow Up

Hi Scott,

I wanted to follow up with our discussion and the action items arising.

Firstly, I have attached a set of tables prepared to assess enrolment and utilization across four quadrants in Vancouver. For the purpose of assessing capital funding decisions, we do not include "international students" – as they are to be "cost neutral" to BC taxpayers. However, for the purpose of describing "how many students are currently using schools?" I am open to including international students. We use the information loaded into Webcaps which reports enrolment in each school. I've asked staff to look to see if there is a way to account for international students for this purpose and we may need you to provide these numbers by school. The table provided excludes international students and I do see value in exploring the picture when they are included.

Also, I have found the below policy that was established in 2003/04 in our Capital Plan Instructions pertaining to what is required in order for the Ministry to consider investing in additions / new schools in a School District. We are currently reviewing this policy as part of our overall Capital Program Review but it is likely to stay very similar.

(b) Capacity Utilization of Existing Schools

School districts should demonstrate that they are using their existing school facilities efficier any approval is given to increase school space. Previously, Ministry priorities for new spa requests were based on a capacity and enrolment analysis of surrounding (neighborhood) with little consideration given to the broader context of capacity utilization at the district lev School districts are now being encouraged to introduce more choices and greater flexibility education system. The mandatory establishment of catchment areas for each school will estudents have priority to attend their neighborhood school, but will also enable school districted the create "specialty" schools that will serve the larger community.

Capacity utilization thresholds

A minimum threshold has been established for capacity utilization at the school district leve any school district is eligible for new space. The capacity utilization analysis is based on the inventory of schools (including new schools and additions approved in previous capital plaschool district enrolment projections. Capacity is defined as the operating capacity of each which is a function of the nominal capacity, grade configuration and class sizes. Average c provisions for kindergarten and the primary grades, as established by *The Public Educati Flexibility and Choice Act*, are incorporated into the operating capacity calculation. The capacity for grades 4 to 12 is based on the nominal capacity (25 students per classroom). For any new space request to be considered, projected enrolment must be increasing over ten years. To be eligible for new elementary or secondary space, a school district will hav

exceed the district average threshold in addition to either the elementary or secondary thre. The capacity utilization thresholds will be applied at the school district level. Where travel are significant, or where there are local needs for additional space, consideration will be giral alternative scenarios proposed by the school district.

Table 1: Minimum Percentage Utilization Requirements (based on Operating Capacity)										
FTE Enrolment	Elementary (Gr. 1-7)	Secondary [1] (Gr. 8-12)	District Average							
> 7,500 (and all urban districts)	100%	110%	95%							
5,000 to 7,499	95%	105%	90%							
1,500 to 4,999	90%	100%	85%							
< 1,500	80%	90%	75%							

Note: [1] Secondary utilization rate assumes the implementation of efficiency scheduling.

In terms of determining "capacity of a school" we use the capacity established when built, for the most part. Schools are built based on the standards of the day to accommodate a specific number of students. We appreciate School Districts may have repurposed unused areas of schools for community uses such as daycares, or office space, storage space, meeting space etc. However, IF the School District later needs additional instructional space, our expectations is they reestablish the purpose built space back to instructional space BEFORE we will consider adding capacity. Schools are intended for instruction first and foremost. Any variance to this would need to supported by facts based in instructional needs/standards of the day.

Attached is also a list of Vancouver Schools and the current Capacity / Utilization as viewed by the Ministry. Our team has put this together as a reference document. It again, only includes domestic enrolment as reported in Webcaps. This is what we use to inform of assessment to-date.

Hope this helps.

Shanna Mason

Assistant Deputy Minister Planning & Major Projects Ministry of Education Shanna.mason@gov.bc.ca 250-356-6750



Our Ref: 75252

June 3, 2002

To: All Secretary-Treasurers All School Districts

I am writing to you with regard to implementation of the Ministry of Education's 2002/03 Capital Plan and the Five-Year Capital Plan Instructions for 2003/04. As outlined in the Minister's letter of May 16, 2002, addressed to all Board Chairs, changes are being made to the Ministry's Capital Planning Framework, and a new capital management framework is being developed that will affect the future acquisition of capital assets.

As you know, funding for school facilities that was previously allocated through the capital plan has now been separated into operating and capital budgets. Expenditures required to maintain facilities through their life expectancy are now being funded through the Ministry's operating budget. Formula funding for facilities maintenance has been increased, eliminating minor renovation project requests from capital plan submissions and streamlining the approval process. Only capital projects associated with the expansion of school facilities in response to enrolment growth, and the replacement or rejuvenation of facilities that have reached the end of their economic life, will be considered in the capital plan.

1. **Operating Funding**

(a) School Renewal

The Annual Capital Grant (ACG) has been established at \$100 million as part of the School Renewal program. ACG funds have been protected and are intended for the maintenance and upgrading of building components to ensure that school facilities attain their full life expectancy. The ACG will continue to be formula funded, but the formula has been revised to allocate funds on a per student basis.

The ACG allocation for 2002/03 is based on enrolment as of September 30, 2001, and a provincial average of square metres per student. The formula also recognizes characteristics unique to each school district with respect to the average age of enrolling facilities, their replacement cost, and local geographic factors related to the operation of schools in remote communities with small populations. . . /2

Ministry of Education

School Funding & Allocation

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ACG funds will be distributed to school districts through monthly electronic fund transfers, effective April 2002. School districts will receive their first payment for the period April 1 to June 30 (25% of total) on May 31st, and one-twelfth of their grant on the 15th of each subsequent month. These operating funds should be deposited into the school district's Annual Capital Allowance Trust Fund.

The ACA policy is replaced by a new ACG policy (see attached). The policy outlines eligible ACG expenditures and procedures. School districts are expected to develop a long-term maintenance plan, expend the ACG annually within the context of the plan, and report annually on actual expenditures.

One of the implications of the School Renewal program is that school boards will no longer be required to submit minor maintenance and renovation projects in their Five-Year Capital Plans. Increased formula funding through the ACG will streamline the project request and approval process. In developing a long-term maintenance plan, school districts should be able to manage the available funds according to their local needs and priorities, which should include the establishment of a reserve for any emergent health or safety expenditures. Formula funding will not be expected to cover loss replacement items that exceed the limits established under the Schools' Protection Program, or for building envelope remediation projects. Both of these programs are being managed by the Risk Management Branch, Ministry of Finance, on the behalf of school districts, and will be funded separately from the ACG.

School renewal funding is being committed for the next three years (2002/03 to 2004/05). The ACG formula will be recalculated annually in recognition of changes in enrolment. With predictable funding and a multi-year commitment, school districts should be in a better position to manage their maintenance programs and coordinate expenditures with major replacement or rejuvenation projects as they become approved.

(b) Building Envelope Program

As outlined in a letter dated April 24, 2002, on this subject, the Ministry is initiating a Building Envelope Program (BEP) in cooperation with the Risk Management Branch, Ministry of Finance. The program is intended to address issues related to building envelope failures and damage from water penetration into buildings that have been constructed in the past 15 years. The initial phase of building inspections will be completed in 2002/03, and funding will be provided for the first phase of high priority remediation work. A portion of School Renewal funding has been allocated for this program in the Ministry's operating budget for the next three years. Any funding that is not required for the BEP will be used to increase the ACG to school districts over this period.

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2. Capital Funding

As we work with school districts in the preparation of their five-year capital plan submissions for 2003/04, it is the Ministry's goal to develop a three-year implementation plan for high priority new space projects, replacements and major rejuvenation projects. This will enable better scope definition, budget estimates and project scheduling for supported projects, and is expected to be consistent with the objectives of government's proposed capital management framework.

(a) Capacity Utilization Analysis

The Ministry has established minimum capacity utilization thresholds for school districts to ensure that their existing facilities are being used efficiently. These thresholds will be used to determine eligibility for the construction of any new space and to confirm the need to replace any existing schools that have been identified as a high priority through the facility audit process. Various thresholds have been established to reflect the following variables:

- elementary and secondary space;
- size of school district (by enrolment);
- urban and rural school districts.

A threshold has also been established for the school district average (combined elementary and secondary space) utilization of space and capacity. In order to be eligible for new elementary or secondary space, a school district will have to exceed the average threshold in addition to the elementary or secondary threshold. These thresholds will be applied at the school district level, but consideration may be given to proposals from school boards to address needs or enrolment pressures at a more local level.

The capacity utilization threshold for secondary space has been set higher than for elementary space in anticipation of the implementation of extended days or other types of efficiency scheduling. Consideration will be given to approving an addition to a secondary school only if the school is already operating on some type of an efficiency schedule. Where a new secondary school is proposed in a growing area, the surrounding schools will need to be operating on an efficiency schedule before any required new space is considered.

For school districts with sustained projected enrolment growth, the capacity utilization analysis will be applied to determine eligibility for new space in the 2003/04 Capital Plan. It will also be applied to all requests for replacement of or major rehabilitation to existing schools. The existence of any excess capacity in surrounding schools may affect the scope of the requested project, or result in other decisions being made to ensure that all space is being used efficiently.

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A new capital planning form – *CP-5 Capacity Utilization Analysis* – has been developed and installed on the web-based capital planning system. This form utilizes current nominal and operating capacities for all active and approved new schools, and can be used to predict fluctuations in capacity utilization, based on school district enrolment projections.

(b) School Site Acquisition Plan

School districts should submit school site requirements for the next ten years in their 2003/04 Five-Year Capital Plan Submission. School districts with school site acquisition charges in place are reminded of their obligations to consult with their local municipalities annually and submit an updated school site proposal confirming the continued need for new school sites for approval by the Minister of Education.

(c) Facility Audits

Facility audits for all school district buildings should now be completed and submitted to the Ministry. Only those facilities in school districts with completed audits will be considered for replacement or rejuvenation where requested for the coming three years.

3. Other Items

(a) Inventory Information

The Ministry will continue to require updated information on school district facilities inventories. With the introduction of capacity utilization analysis, it is important to ensure that all nominal school capacities are up to date, with respect to the existing area space standards and any approved capital projects. Inventory data is also utilized in the ACG calculations, including areas and years of additions, and information on school openings and closings.

The School Funding and Allocation Department will be developing its data requirements related to school facilities inventories over the coming year.

(b) Green Buildings BC Retrofit Program

School districts are encouraged to consider building retrofits that can be self-funded through future reductions in operating costs. The Green Buildings BC Retrofit Program has developed eligibility criteria and procurement documents for building retrofit programs, and has established a two-step process for the preparation and approval of a feasibility study and implementation plan. School districts are reminded that the Minister's approval is required for any borrowing of funds that may be required to undertake building retrofits.

4. Capital Plan Submissions

The deadline for submission of your school district's Five-Year Capital Plan will be **Friday, September 13, 2002.**

The Ministry's web-based capital planning system will continue to be made available to school districts for their Five-Year Capital Plan submissions. Any requests for changes in authorized users of the system should be forwarded to Nick Watkins, Acting Manager, Capital Planning.

All of the capital planning forms are available electronically on the web site, which references the current school inventory and the 2003/04 capital plan allowances, rates and costing factors. Links are also provided to the following documents:

- 2003/04 Five-Year Capital Plan Instructions;
- 2003/04 Five-Year Capital Plan Instructions Appendices;
- 2003/04 Five-Year Capital Plan Allowances, Rates and Costing Factors Supplement.

I would like to thank you in advance for your efforts in developing next year's capital plan submissions. As the Ministry intends to work towards the development of a multi-year plan for the implementation of expansion, replacement and rehabilitation projects, it is important to focus on these needs in the coming months. If you have any questions regarding any aspect of this work, please contact your Planning Officer for further advice and assistance.

Yours sincerely,

ORIGINAL SIGNED FOR

Keith Miller, Director

Attachment

Vancouver School District Capacity / Utilization Assessment (excludes International Students)

			NorthWest	Quadrant				
School Type	# of Schools	# of Seats	# of Students	Current # of Safe Seats	# of Seats Needing SMP	# of Schools Needing SMP	# of H-Risk Schools	Equivilant Surplus Schools
Elementary	21	7,698	7,638	4,825	2,813	8	8	0
Secondary	4	3,875	3,577	1,905	1,672	2	2	0
Total	25	11,573	11,215	6,730	4,485	10	10	0

			SouthWest	Quadrant				
School Type	# of Schools	# of Seats	# of Students	Current # of Safe Seats	# of Seats Needing SMP	# of Schools Needing Upgrade	# of H-Risk Schools	Equivilant Surplus Schools
Elementary	16	5,158	5,141	2,554	2,587	8	8	0
Secondary	5	6,850	6,539	1,094	5,445	4	4	0
Total	21	12,008	11,680	3,648	8,032	12	12	0

			NorthEast (Quadrant				
School Type	# of Schools	# of Seats	# of Students	Current # of Safe Seats	# of Seats Needing SMP	# of Schools Needing Upgrade	# of H-Risk Schools	Equivilant Surplus Schools
Elementary	28	9,821	7,650	3,312	4,338	12	18	6
Secondary	4	5,700	3,839	2,497	1,342	1	2	1
Total	32	15,521	11,489	5,809	5,680	13	20	7

			SouthEast (Quadrant				
School Type	# of Schools	# of Seats	# of Students	Current # of Safe Seats	# of Seats Needing SMP	# of Schools Needing Upgrade	# of H-Risk Schools	Equivilant Surplus Schools
Elementary	28	11,136	8,530	3,919	4,611	11	15	4
Secondary	5	8,500	6,580		6,580	4	5	1
Total	33	19,636	15,110	3,919	11,191	15	20	5

			Tota	als				
School Type	# of Schools	# of Seats	# of Students	Current # of Safe Seats	# of Seats Needing SMP	# of Schools Needing Upgrade	# of H-Risk Schools	Equivilant Surplus Schools
Elementary	93	33813	28959	14610	14349	39	49	10
Secondary	18	24925	20535	5496	15039	11	13	2
Total	111	58738	49494	20106	29388	50	62	12

Based on 14/15 enrolment numbers

Temporary Accommodation Area Plan	School Type School	Operating Capacity	Enrolment (14/15)	Surplus Seats	Shortage Seats	% Utilization (14/15)	Seismic Rating	Low-Risk Seats (M,L, Complete)	High Risk Seats (H1,H2, H3)	Phase	Unsupported vs Supported	FCI	Main Street Location	Catchment Area	Quadrant #	Surrounding School Analysis		Quadrants
12	Elementary Admiral Seymour Elementary	414	109	-305		26%	H1		109	Unsupported	Unsupported	0.6	Е	10	Q4		Х	NE
3 12	Elementary Bayview Community Elementary Elementary Britannia Community Elementary	340 205	307 185	-33 -20		90% 90%	H1 Complete	185	307	PDR NN8 SU Complete	Supported Complete	0.49 0.35	W	4 10	Q1 Q4			NW NE
15	Elementary Captain James Cook Elementary	457	359	-98		79%	Complete	359		SU Complete	Complete	0.52	E	18	Q5			SE
2	Elementary Carnarvon Community Elementary	359	396		37	110%	H3		396	Unsupported	Unsupported	0.47	W	5	Q1			NW
15 15	Elementary Champlain Heights Annex Elementary Champlain Heights Community Elementary	101 461	110 234	-227	9	109% 51%	M H3	110	234	Unsupported Unsupported	Unsupported Unsupported	0.71 0.33	E F	18 18	Q5 Q5			SE SE
10	Elementary Charles Dickens Annex	131	138		7	105%	М	138	201	Unsupported	Unsupported	0.5	E	12	Q5			NE
10	Elementary Charles Dickens Elementary	452	477	5.1	25	106%	Complete	477		SU Complete	Complete	0.09	E	12	Q5			NE
13 13	Elementary Chief Maquinna Annex Elementary Chief Maquinna Elementary	82 228	31 198	-51 -30		38% 87%	M H3	31	198	Unsupported Unsupported	Unsupported Unsupported	0.84 0.81	E F	11 11	Q4 Q4	SS Begbie SS Begbie	X	NE NE
14	Elementary Collingwood Neighbourhood School	185	122	-63		66%	new	122	100	new	new	0.08	E	16	Q5	Grenfell SS		SE
6	Elementary David Livingstone Elementary	340	320	-20 -17		94%	H1		320	Unsupported	Unsupported	0.26	E	12	Q3			NE
15	Elementary David Lloyd George Elementary Elementary David Oppenheimer Elementary	382 382	365 345	-17 -37		96% 90%	H1 M	345	365	PDR NN8 Unsupported	Supported Unsupported	0.41 0.54	vv E	9 17	Q3 Q5			SE
13	Elementary Dr A R Lord Elementary	344	137	-207		40%	H3		137	Unsupported	Unsupported	0.7	E	14	Q4	SS Begbie	X	NE
7 15	Elementary Dr Annie B Jamieson Elementary Elementary Dr George M Weir Elementary	476 429	475 461	-1	32	100% 107%	H1 H1		475 461	PDR N8 PDR 5	Supported	0.59 0.39	W	8 18	Q3 Q5	1		SW
15	Elementary Dr H N MacCorkindale Elementary	461	171	-290	02	37%	H2		171	Unsupported	Supported Unsupported	0.58	E	18	Q5 Q5		X	SE SE
2	Elementary Dr R E McKechnie Elementary	247	255		8	103%	М	255		Unsupported	Unsupported	0.7	W	6	Q1			SW
6	Elementary Ecole Jules Quesnel Elementary Elementary Edith Cavell Elementary	410 266	435 322		25 56	106% 121%	Complete H1	435	322	SU Complete PDR NN8	Complete Supported	0.06 0.37	W	2 8	Q1 Q3			NW NW
4	Elementary Elsie Roy Elementary	387	423		36	109%	new	423	5	no info	no info	0.06	W	7	Q2			NW
6	Elementary Emily Carr Elementary	270	304		34	113%	H1		304	Unsupported	Unsupported	0.53	W	8	Q3			NW
5 11	Elementary False Creek Elementary Elementary Florence Nightingale Elementary	224 387	283 232	-155	59	126% 60%	H2 H1		283 232	Unsupported Unsupported	Unsupported Unsupported	0.4 0.46	vv E	12	Q3 Q4			NW NE
10	Elementary G T Cunningham Elementary	620	342	-278		55%	H1		342	Unsupported	Unsupported	0.4	E	15	Q5		X	SE
13 6	Elementary Garibaldi Annex Elementary General Brock Elementary	151 363	59 244	-92 -119		39% 67%	M H2	59	244	Unsupported Unsupported	Unsupported Unsupported	0.65 0.57	E F	14 12	Q4 Q3	SS Begbie	×	NE SE
3	Elementary General Gordon Elementary	410	351	-59		86%	H1	351	£17	Construction	Supported	0.57	W	4	Q1		^	NW
6	Elementary General Wolfe Elementary	359 331	405	400	46	113%	H1		405	PDR NN8	Supported	0.47	W	8	Q3	Granfall CO		SW
14 13	Elementary Graham Bruce Community Elementary Elementary Grandview Elementary	321 205	198 152	-123 -53		62% 74%	H1 H1		198 152	Unsupported Unsupported	Unsupported Unsupported	0.4 0.41	E E	16 11	Q5 Q4	Grenfell SS	X X	SE NE
13	Elementary Hastings Community Elementary	653	601	-52		92%	L	601		Unsupported	Unsupported	0.55	E E	14	Q4	SS Begbie		NE
3	Elementary Henry Hudson Elementary	308 484	377 16	-468	69	122% 3%	H1 new	46	377	Unsupported	Unsupported	0.48	W	4	Q1 O2			NW NIA/
8	Elementary International Village Elementary Elementary J.W. Sexsmith Community Elementary = SR	484 363	370	-400	7	3% 102%	new Complete	16 370		Construction SU Complete	Supported Complete	0	W	9	Q2 Q3			SW
9	Elementary John Henderson Annex	109	60	-49		55%	М	60		Unsupported	Unsupported	0.64	E	13	Q5		X	SE
9 14	Elementary John Henderson Elementary Elementary John Norquay Elementary	592 774	484 579	-108 -195		82% 75%	H3 Complete	579	484	Unsupported SU Complete	Unsupported Complete	0.56 0.49	E	13 16	Q5 Q5	Grenfell SS		SE SE
2	Elementary Kerrisdale Annex	101	114		13	113%	М	114		Unsupported	Unsupported	0.6	W	3	Q1	Gremen 33		SW
2 13	Elementary Kerrisdale Elementary Elementary Laura Secord Elementary	550 653	597 615	-38	47	109% 94%	Complete Complete	597 615		SU Complete SU Complete	Complete Complete	0.62 0.17	W F	3 11	Q1 Q4	SS Begbie		SW NF
6	Elementary L'Ecole Bilingue Elementary	448	504	00	56	113%	H1	504		Construction	Supported	0.66	W	8	Q3	33 Begale		NW
14	Elementary Lord Beaconsfield Elementary	294 476	221 440	-73 36		75%	H1 Complete	440	221	Unsupported	Unsupported	0.2	E	15	Q5	Grenfell ss		NE
13	Elementary Lord Kitchener Elementary Elementary Lord Nelson Elementary	476 499	430	-36 -69		92% 86%	Complete H1	440 430		SU Complete Design	Complete Supported	0	vv E	10	Q1 Q4	SS Begbie		NW NE
4	Elementary Lord Roberts Annex	122	156		34	128%	М	156		Unsupported	Unsupported	0.74	W	7	Q2	J		NW
4	Elementary Lord Roberts Elementary Elementary Lord Selkirk Annex	374 129	567 86	-43	193	152% 67%	M H3	567	86	Unsupported	Unsupported	0.42 0.49	W	7 15	Q2 Q5			NW
10	Elementary Lord Selkirk Elementary	630	697	-40	67	111%	H3		697	Unsupported Unsupported	Unsupported Unsupported	0.49	E	15	Q5 Q5			NE
12	Elementary Lord Strathcona Community Elementary	476	575	99		121%	H1	575		Construction	Supported	0.37	E	10	Q4			NE
3 2	Elementary Lord Tennyson Elementary Elementary Maple Grove Elementary	378 452	434 481		56 29	115% 106%	H1 H1		434 481	PDR N8 PDR N8	Supported Supported	0.48 0.34	W	4 6	Q1 Q1			NW SW
11	Elementary Mount Pleasant Elementary	294	195	-99		66%	НЗ		195	Unsupported	Unsupported	0.4	 E	11	Q4			NE
14	Elementary Nootka Community Elementary	522	409	-113 -170		78%	H3	400	409	Unsupported	Unsupported	0.62	E	11	Q5	Grenfell "SS		NE
9	Elementary Norma Rose Point School Elementary Pierre Elliott Trudeau Elementary	666 346	496 286	-60		74% 83%	new new	496 286		Complete no info	Complete no info	0.19	vv E	13	Q1 Q5			NW SE
11	Elementary Queen Alexandra Elementary	298	186	-112		62%	H1		186	Unsupported	Unsupported	0.44	E	11	Q4		X	NE
2	Elementary Queen Elizabeth Annex Elementary Queen Elizabeth Elementary	103 410	86 390	-17 -20		83% 95%	H3 H3		86 390	Unsupported Unsupported	Unsupported Unsupported	0.83 0.42	W	2	Q1 Q1			SW NW
2	Elementary Queen Mary Elementary	363	341	-22		94%	H1	341	000	Construction	Supported	0.76	W	2	Q1			NW
13	Elementary Queen Victoria Annex	245	161 337	-84	0.4	66%	H3 H1		161	Unsupported	Unsupported	0.73	E	11	Q4			NE
14	Elementary Quilchena Elementary Elementary Renfrew Community Elementary	243 708	401	-307	94	139% 57%	H1		337 401	Unsupported PDR N8	Unsupported Supported	0.34 0.3	vv E	16	Q1 Q5	Grenfell SS		NE
2	Elementary Shaughnessy Elementary	433	461		28	106%	L	461		Unsupported	Unsupported	0.19	W	5	Q1			SW
6 10	Elementary Simon Fraser Elementary Elementary Sir Alexander Mackenzie Elementary	173 596	260 386	-210	87	150% 65%	Complete H1	260	386	SU Complete PDR NN8	Complete Supported	0.55 0.47	W	8 13	Q3 Q5		v	NW SE
15	Elementary Sir Charles Kingsford-Smith	387	354	-33		91%	H1		354	PDR 5	Supported	0.58	E	18	Q5		^	SE
15 15	Elementary Sir Guy Carleton Community Elementary	573	309	-264	-	54%	H1 Complete		309	PDR N8	Supported	0.39	E -	18	Q5			SE
15 15	Elementary Sir James Douglas Annex Elementary Sir James Douglas Elementary = SR	189 550	194 482	-68	5	103% 88%	Complete Complete	194 482		SU Complete SU Complete	Complete Complete	0.62 0	E E	17 17	Q5 Q5			SE SF
13	Elementary Sir John Franklin Community	275	187	-88		68%	H1		187	Unsupported	Unsupported	0.33	E	14	Q4	SS Begbie		NE
13 10	Elementary Sir Matthew Begbie Elementary Elementary Sir Richard McBride Annex	457 122	341 88	-116 -34		75% 72%	H1 H3		341	PDR 5	Supported	0.44	E	14 12	Q4 O5	SS Begbie		NE se
10	Elementary Sir Richard McBride Annex Elementary Sir Richard McBride Elementary	410	322	-34 -88		72% 79%	Complete	322	00	Unsupported SU Complete	Unsupported Complete	0.67	E	12	Q5 Q5			SE
9	Elementary Sir Sandford Fleming Elementary	411	478		67	116%	H1		478	PDR 5	Supported	0.37	E	17	Q5			SE
14 8	Elementary Sir Wilfred Grenfell Community (Strong Start) Elementary Sir Wilfrid Laurier Annex	434 107	393 64	-41 -43		91% 60%	H1 Complete	64	393	PDR 5 SU Complete	Supported Complete	0.26 0.52	E W	16 9	Q5 Q3	Grenfell SS		SE SW
8	Elementary Sir Willfrid Laurier Elementary	270	299		29	111%	Complete	299		SU Complete	Complete	0.56	W	9	Q3			SW
12 7	Elementary Sir William Macdonald Community	275 298	68 220	-207 -78		25% 74%	H1 H1		68	Unsupported	Unsupported	0.6	E	10	Q4 O3	SS Begbie	Χ	NE
7	Elementary Sir William Osler Elementary Elementary Sir William Van Horne Elementary	298 480	394	-78 -86		74% 82%	L	394	220	Unsupported Unsupported	Unsupported Unsupported	0.57 0.63	vv W	8	Q3 Q3	1		5W SW
2	Elementary Southlands Elementary	294	218	-76		74%	H1		218	Unsupported	Unsupported	0.39	W	3	Q1			SW
10 10	Elementary Tecumseh Annex Elementary Tecumseh Elementary	101 476	106 464	-12	5	105% 97%	M M	106 464		Unsupported	Unsupported	0.5 0.57	E	15 17	Q5 Q5		X	SE
13	Elementary Thunderbird Elementary	340	231	-109		68%	H3	404	231	Unsupported Unsupported	Unsupported Unsupported	0.27	E	11	Q4	SS Begbie		NE NE
13	Elementary Tillicum Community Annex	151	93	-58		62%	H1	F20	93	Unsupported	Unsupported	0.62	E	14	Q4	SS Begbie	X	NE NIA
10	Elementary Trafalgar Elementary Elementary Tyee Elementary	452 112	520 201		68 89	115% 179%	Complete M	520 201		SU Complete Unsupported	Complete Unsupported	0.21 0.45	e E	5 15	Q1 Q5			NV NE
1	Elementary University Hill Elementary	378	316	-62		84%	new	316		Complete	Complete	0.26	W	1	Q1			NW
9 15	Elementary Walter Moberly Elementary Elementary Waverley Elementary	677 480	490 383	-187 -97		72% 80%	Complete H1	490	383	SU Complete PDR NN8	Complete Supported	0.3 0.37	E E	13 18	Q5 Q5		Х	SE SE
12	Secondary Britannia Community Secondary	1100	579	-521		53%	H1		579	Unsupported	Unsupported	0.39	Ē	10	Q4			NE
9	Secondary David Thompson Secondary	1550	1525	-25		98%	H1		1525	PDR N8	Supported	0.56	E	17	Q5			SE
7 10	Secondary Eric Hamber Secondary Secondary Gladstone Secondary	1700 1600	1417 1036	-283 -564		83% 65%	H1 H1		1417 1036	PDR N8 Unsupported	Supported Unsupported	0.5 0.59	W	8 15	Q3 Q5	Grenfell SS	X	SW SF
9	Secondary John Oliver Secondary	1700	995	-705		59%	H1		995	PDR NN8	Supported	0.55	Ē	13	Q5	3.3.11011 00	^	SE
15 4	Secondary Killarney Secondary Secondary King George Secondary	2200 375	1900 424	-300	49	86% 113%	H1 H1		1900 424	PDR N8 Unsupported	Supported Unsupported	0.42 0.67	E W	18 7	Q5 Q2		Х	SE NW
3	Secondary Kitsilano Secondary Secondary Lord Byng Secondary	1500 1200	1231 1248	-269	42	82% 104%	H1 H3	1231	1248	Construction Unsupported	Supported Unsupported	1.15 0.43	W	4	Q1 Q1			NW NW
2	Secondary Magee Secondary	1200	1094	-106	70	91%	new	1094		no info	no info	0.25	W	6	Q1			SW
2	Secondary Point Grey Secondary Secondary Prince of Wales Secondary	1050 1050	983 1120	-67	70	94% 107%	H1 H1		983 1120	PDR N8 PDR NN8	Supported Supported	0.54 0.59	W W	5 3	Q1 Q1			SW SW
6 8	Secondary Sir Charles Tupper Secondary Secondary Sir Winston Churchill Secondary	1500 1850	934 1925	-566	75	62% 104%	M H1	934	1925	Unsupported Unsupported	Unsupported Unsupported	0.65 0.57	E W	12 9	Q5 Q3			NE SW
12	Secondary Templeton Secondary	1400	763	-637	, 0	55%	H1	07.1	763	PDR NN8	Supported	0.45	E	14	Q4			NE
1	Secondary University Hill Secondary = SR	800	674	-126		84%	new	674		SU Complete	Complete	0.04	VV	1	Q1			INVV

14 Secondary Windermere Community Se	condary 1450	1124	-326	Inny	78%	H1	ZUUD	1124	Unsupported	Unsupported	0.6	E	16	Q5	Grenfeel SS	Х	SE
13 Secondary Vancouver Technical Secondary	-						1563		-	•		E		Q4	0 (100		NE

