

DESIGN AID SHEET FOR ELEMENTARY SCHOOLS

School Name: **LADNER Elementary School**

District: **37 (Delta)**

Facility Code: **37001**

Capacity: • Nominal: Kindergarten: **40**

Elementary: **450**

• Operating: Kindergarten: **38**

Elementary: **419**

Grades: **K - 7**

Date: **11 Sep 01**

Agreed Nominal / Operating Capacity:

Ministry of Education

Date

PART 1 - BASIC AREAS

Space Function	A - Existing	B - Allowable	C - Deficit	D - New
Administration / Health	196.8	100.0	(96.8)	
General Instruction	1,424.5	1,440.0	15.5	
General Storage	111.9	70.0	(41.9)	
Gym Activity	347.4	380.0	32.6	
Gym Ancillary	93.7	65.0	(28.7)	
Media / Tech Centre	316.1	180.0	(136.1)	
Multi-Purpose	90.8	100.0	9.2	
Special Education	179.8	200.0	20.2	
Mechanical	77.1	95.0	17.9	
Kindergarten	170.3	180.0	9.7	
Design Space	1,216.4	660.0	(556.4)	
* Other	88.0	90.0	2.0	
Sub-Total:	[Ai] 4,312.6	[Bi] 3,560.0	[Di] (752.6)	-

* Surplus classroom area included in design space =

PART 2 - TOTAL AREAS

	E - Existing	F - New
Total Basic Areas	[Ai] 4,312.6	[Di] -
		[Ji] 4,312.6
Total Gross Allowable Area		4,312.6

COMMENTS

<- includes StrongStart Design Space

<- includes StrongStart Program Space

*OTHER

"StrongStart" Program Space	90
"StrongStart" Design Space	20
"Full-Day K" Program	90
"Full-Day K" Design Space	20

Class	Bld	Room	Coord	Description	Room Area	Mod Area	Links
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General Instruction

100100	1	100		Kindergarten	85.51	85.51	
100100	1	101		Kindergarten	84.78	84.78	
100150	1	113		StrongStart Centre	88.01	88.01	
100200	1	102	1	Classroom	69.88	95.83	
100200	1	105	2	Classroom	84.78	84.78	
100200	1	107	3	Classroom	85.48	85.48	
100200	1	110	4	Classroom	78.02	78.02	
100200	1	111	5	Classroom	88.01	88.01	
100200	1	112	6	Classroom	79.08	79.08	
100200	1	114	7	Classroom	75.89	75.89	
100200	1	116	8	Classroom	97.02	97.02	
100200	1	117	9	Classroom	78.97	78.97	
100200	1	118	10	Classroom	84.59	84.59	
100200	1	119	11	Classroom	80.04	80.04	
100200	1	201	12	Classroom	85.51	85.51	
100200	1	202	13	Classroom	84.79	84.79	
100200	1	203	14	Classroom	84.78	84.78	
100200	1	205	15	Classroom	84.78	84.78	
100200	1	206	16	Classroom	76.39	76.39	
100200	1	207	17	Classroom	84.78	84.78	
100200	1	208	18	Classroom	76.13	76.13	
100950	1	103		Classroom Storage	9.82		102
100950	1	136		Classroom Storage	16.13		102
					Kindergarten:	170.29	170.29
					StrongStart:	88.01	88.01
					General Elementary:	1,504.87	1,424.48
					surplus area -> Design Space:		80.39
					Total General Instruction:	1,763.17	
					Group 1 Total Area:	1,763.17	

Administration/Health

200010	1	141		General Office	41.42		
200020	1	142		Vice Principals Office	12.19		
200020	1	143		Principals Office	16.69		
200030	1	145		Staff Room	64.73		
200050	1	115		Teachers Prep. Room	42.65		
200510	1	138		Medical Room	8.41		
200520	1	140		Medical Toilet	4.63		
200980	1	139		Copy Room	6.12		
					Total Administration/Health:	196.84	

General Storage

210980	1	123		General Storage	16.63		
210980	1	128		General Storage	25.69		
210980	1	129		General Storage	17.29		
210980	1	135		General Storage	7.01		
210980	1	131		Custodian	3.69		
210980	1	168		Custodian	5.36		
210980	1	211		Custodian	3.69		
210980	1	212		General Storage	12.32		
210980	1	214		General Storage	20.19		
					Total General Storage:	111.87	

Class	Bld	Room	Coord	Description	Room Area	Mod Area	Links
Gym Activity							
215010	1	160		Gymnasium	347.39		
Total Gym Activity:					347.39		
Gym Ancillary							
220010	1	147		Girls Change Toilet	5.86		
220010	1	149		Girls Change Room	17.09		
220010	1	151		Girls Change Shower	3.34		
220010	1	152		Boys Change Shower	3.34		
220010	1	153		Boys Change Room	16.26		
220010	1	154		Boys Change Toilet	6.55		
220980	1	156		Gym Storage	11.39		
220980	1	158		Gym Storage	3.60		
220980	1	159		Gym Storage	26.23		
Total Gym Ancillary:					93.66		
Media/Tech Centre							
240010	1	109		Library	219.02		
240510	1	204		Computer Room	76.13		
240980	1	109A		A/V Storage	20.90		
Total Media/Tech Centre:					316.05		
Multi-Purpose							
245010	1	120		Multi-Purpose Room	90.76		
Total Multi-Purpose:					90.76		
Core Special Education							
250010	1	104		Learning Assistance	36.51		
250010	1	106		Learning Assistance	41.06		
250010	1	108		Learning Assistance	33.91		
250010	1	130		Learning Assistance	30.33		
250970	1	162		Learning Assistance Office	8.89		
250970	1	163		Learning Assistance Office	10.88		
250970	1	164		Learning Assistance Office	9.28		
250990	1	165		Learning Assistance Waiting	8.92		
Total Core Special Education:					179.78		
Mechanical Rooms							
258010	1	148		Boiler Room	37.75		
258010	1	161		Stage Mezzanine Fan Room	11.48		
258010	1	161A		Stage Mezzanine Fan Room	11.48		
258010	1	170		Water Meter Room	4.42		
258020	1	127		Hub Room	4.46		
258020	1	169		Electrical Room	7.48		
Total Mechanical Rooms:					77.07		
Design Space							
260010	1	121		Corridor	78.36		
260010	1	122		Corridor	84.34		
260010	1	126		Stair	29.24		
260010	1	134		Corridor	138.79		
260010	1	137		Stair	20.48		
260010	1	150		Corridor	40.64		

Function List

Number

Facility

Date

37001**LADNER Elementary School****11 Sep 01**

Class	Bld	Room	Coord	Description	Room Area	Mod Area	Links
260010	1	166		Corridor	38.23		
260010	1	167		Corridor	40.64		
260010	1	213		Stair	12.32		
260010	1	215		Stair	12.96		
260010	1	216		Corridor	134.01		
260030	1	1STR		Structure	247.04		
260030	1	2STR		Structure	76.38		
260030	1	124		Boys Washroom	14.10		
260030	1	125		Girls Washroom	14.10		
260030	1	132		Girls Washroom	20.30		
260030	1	133		Boys Washroom	20.30		
260030	1	209		Boys Washroom	20.30		
260030	1	210		Girls Washroom	20.30		
260040	1	144		Staff Washroom	2.63		
260040	1	146		Staff Washroom	6.25		
260060	1	155		Stage	46.58		
260070	1	157		Kitchen	17.67		

Total Design Space: **1,135.96****Group 2 Total Area:** 2,549.38**Facility Gross Area:** 4,312.55

Room List
Number
Facility
Date
37001
LADNER Elementary School
11 Sep 01

Class	Bld	Room	Coord	Description	Room Area	Links
100100	1	100		Kindergarten	85.51	
100100	1	101		Kindergarten	84.78	
100200	1	102		Classroom	69.88	
100950	1	103		Classroom Storage	9.82	102
250010	1	104		Learning Assistance	36.51	
100200	1	105		Classroom	84.78	
250010	1	106		Learning Assistance	41.06	
100200	1	107		Classroom	85.48	
250010	1	108		Learning Assistance	33.91	
240010	1	109		Library	219.02	
240980	1	109A		A/V Storage	20.90	
100200	1	110		Classroom	78.02	
100200	1	111		Classroom	88.01	
100200	1	112		Classroom	79.08	
100150	1	113		StrongStart Centre	88.01	
100200	1	114		Classroom	75.89	
200050	1	115		Teachers Prep. Room	42.65	
100200	1	116		Classroom	97.02	
100200	1	117		Classroom	78.97	
100200	1	118		Classroom	84.59	
100200	1	119		Classroom	80.04	
245010	1	120		Multi-Purpose Room	90.76	
260010	1	121		Corridor	78.36	
260010	1	122		Corridor	84.34	
210980	1	123		General Storage	16.63	
260030	1	124		Boys Washroom	14.10	
260030	1	125		Girls Washroom	14.10	
260010	1	126		Stair	29.24	
258020	1	127		Hub Room	4.46	
210980	1	128		General Storage	25.69	
210980	1	129		General Storage	17.29	
250010	1	130		Learning Assistance	30.33	
210980	1	131		Custodian	3.69	
260030	1	132		Girls Washroom	20.30	
260030	1	133		Boys Washroom	20.30	
260010	1	134		Corridor	138.79	
210980	1	135		General Storage	7.01	
100950	1	136		Classroom Storage	16.13	102
260010	1	137		Stair	20.48	
200510	1	138		Medical Room	8.41	
200980	1	139		Copy Room	6.12	
200520	1	140		Medical Toilet	4.63	
200010	1	141		General Office	41.42	
200020	1	142		Vice Principals Office	12.19	
200020	1	143		Principals Office	16.69	
260040	1	144		Staff Washroom	2.63	
200030	1	145		Staff Room	64.73	
260040	1	146		Staff Washroom	6.25	
220010	1	147		Girls Change Toilet	5.86	
258010	1	148		Boiler Room	37.75	
220010	1	149		Girls Change Room	17.09	
260010	1	150		Corridor	40.64	
220010	1	151		Girls Change Shower	3.34	

Room List

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37001

LADNER Elementary School

11 Sep 01

Class	Bld	Room	Coord	Description	Room Area	Links
220010	1	152		Boys Change Shower	3.34	
220010	1	153		Boys Change Room	16.26	
220010	1	154		Boys Change Toilet	6.55	
260060	1	155		Stage	46.58	
220980	1	156		Gym Storage	11.39	
260070	1	157		Kitchen	17.67	
220980	1	158		Gym Storage	3.60	
220980	1	159		Gym Storage	26.23	
215010	1	160		Gymnasium	347.39	
258010	1	161		Stage Mezzanine Fan Room	11.48	
258010	1	161A		Stage Mezzanine Fan Room	11.48	
250970	1	162		Learning Assistance Office	8.89	
250970	1	163		Learning Assistance Office	10.88	
250970	1	164		Learning Assistance Office	9.28	
250990	1	165		Learning Assistance Waiting	8.92	
260010	1	166		Corridor	38.23	
260010	1	167		Corridor	40.64	
210980	1	168		Custodian	5.36	
258020	1	169		Electrical Room	7.48	
258010	1	170		Water Meter Room	4.42	
260030	1	1STR		Structure	247.04	
Building Floor 1 Area:					3,346.79	
100200	1	201		Classroom	85.51	
100200	1	202		Classroom	84.79	
100200	1	203		Classroom	84.78	
240510	1	204		Computer Room	76.13	
100200	1	205		Classroom	84.78	
100200	1	206		Classroom	76.39	
100200	1	207		Classroom	84.78	
100200	1	208		Classroom	76.13	
260030	1	209		Boys Washroom	20.30	
260030	1	210		Girls Washroom	20.30	
210980	1	211		Custodian	3.69	
210980	1	212		General Storage	12.32	
260010	1	213		Stair	12.32	
210980	1	214		General Storage	20.19	
260010	1	215		Stair	12.96	
260010	1	216		Corridor	134.01	
260030	1	2STR		Structure	76.38	
Building Floor 2 Area:					965.76	
Building Total Area:					4,312.55	
Facility Gross Area:					4,312.55	