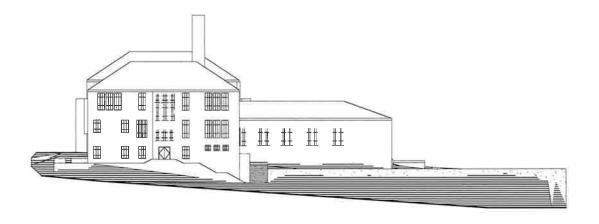
Attachment B- Feasibility Study
Part 2

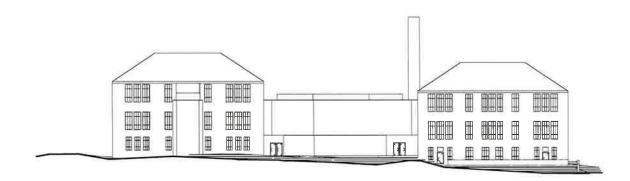
EATON ES	FDSPE						PTION /	4
			ACADEM	IC SPACES				
THE RESERVE		والجي	CLASSI	ROOMS			San Line	
Room Description	Room	Qty	Total SF	Room Size	City	Total SF	Variance	Notes
Pre-K - Grade 1 Classroom	1125	1	17.7	1162	1		14.49	
Pre-K - Grade I Diassroom	1125	1		1124	- 1		-0.09%	
Pre-K - Grade 1 Dassroom	1125	1		577	- 1		-13.16%	
Pre-K - Grade 1 Classroom	1175	- 1		892	- 1		20.71%	
Pre-K - Grade 1 Classroom	1125	- 1		1042	1		7,38%	
Pre-K - Grade 1 Classroom	1125			1117	1	19.00	0.71%	
Pra-X - Grade I Classroom	1125	- 1		1084	1		-3.64%	
Pre-K - Grade 1 Classroom	1125		FF1-001	1111	1		1.24N	
Fre K - Grade 1 Dassroom	1125	- 1		1074	1		4 53%	
Pre-K - Grade 1 Classroom	1125			0	0		-100 00%	
e-K - Grade 1 Classrooms		10	11250		9	93.63		
Pre-K - Grade 1 Tollet	50	3		30	1		0.00%	
Pre-K - Grade 1 Tollet	50	1		50			0.00%	
Pre-K - Grade 1 Tollet	50	1		50	1		0.00%	
Pre-K - Grade 1 Toilet	50	1		51			2.00%	
Pre-K - Grade 1 Toilet	50	1		50	1		0.00%	
Pre-K - Grade 1 Tollet	50	1	1000	50	- 1		0.00%	
Pre K - Grade 1 Toriet	50	-i		51	1		2.00%	
Pre-K - Grade 1 Toilet Pre-K - Grade 1 Toilet	50	- 1		51	-		2.00%	
Pre-K - Grade 1 Tollet	50	1		0	o o		100 00%	
p-4 - Grade I Tollets		10	550	-		454		
Grade 2-5 Classroom	900	1	1	952	- 1		5.78N	
Grade 2-5 Classroom	900	1		1031	- 1		14.56%	
Grade 2-5 Classroom	900	- 1		929	- 1		122%	
Grade 2-5-Classroom	900	- 1		297	- 1		-0.33%	
Grade 2-5 Classroom	900	- 1		938	1	Contract of	4.22%	
Grade 2-5 Classimon	900	- 3		922			2.44%	
Grade 2-5 Classroom	900	1		581	1		2.11%	
Grade 2-5 Classroom	900	1		810			-10.00%	
Grade 2-5 Classroom	900	1		901	1	- 10	0.11%	
Grade 2-5 Classroom	900	- 1		503	1		0.33%	
Grade 2-5 Classroom	900	- 1		0	0		-100 009	
Grade 2-5 Classroom Grade 2-5 Classroom	900		100000000000000000000000000000000000000	0	Ó		-100 00%	
Grade 2-5 Classroom	900	1		0	0		-100,009	
rade 2-5 Classrooms	900	14	12650	-	10	7164	1,000,000	
otal Classroom Space			24350			19001		
	-			C SUPPORT			_	
Room Description	Room	Qty	Total Si		Qty	Total SF	Variance	Notes
arly Elementary Resource / Small Group	450	1		430	- 1		4.44%	
arry Elementary Resource / Small Group	450	- 1		296	- 1		-34,27%	ÿ.
Outdoor Storage - Early Chidhood								
	200	1		- 0	Ö		-100,00%	
Science Lab	1000	1		529	- 1		-7.10%	
Science Lab Discovery Commons	1000 2000	1		929 4037	1		101.85%	Existing
Science Lab Discovery Commons Resource/ Small Group Room	1000 2000 350	1 1		929 4037 0	1 0		7.10% 101.85% Alco.com	Existing
Science Lab Discovery Commons Resource/ Small Group Room Resource/ Small Group Room	1000 2000 350 360) 1 2		929 4037 0	1 1 0		101.85% Alco.com	Existing
Science Lab Discovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room	1000 2000 360 360 360	1		929 4037 0 0	0 0		101.85% A100.00% -200.00%	Existing
Science Lab Discovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room	1000 2000 360 360 360 450	1 1 1 1		929 4027 0 0 0	0 0		101.85% A100.00% -200.00% -300.00%	Existing
Science Lab Discovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Specch / OT / #7 Specch / OT / #7	3000 2000 350 360 360 450 450	1 1 1 1 1 1		929 4037 0 0 0 338	0 0		7,50% 101,85% Al60,00% -200,00% -30,00% -34,89% -300,00%	Existing
Science Lab Uscovery Commons Resource/Small Group Room Resource/Small Group Room Resource/Small Group Room Resource/Small Group Room Speech / OT / FT Speech / OT / FT Speech / OT / FT	3000 2000 350 360 360 450 450 450	1 1 1 1 1 1 1		929 4037 0 0 0 338 0	0 0 0		7,50% 101,85% Alections -200 dos. -20,00% -24,894 -300,00% -100,00%	Essting
Science List Biscoper's Commons Resource's Small Group Room Resource's Small Group Room Resource's Small Group Room Resource's Small Group Room Speech (01 / #1	3000 2000 350 360 360 450 450	1 1 1 1 1 1		929 4037 0 0 0 338	0 0		7,50% 101,85% Al60,00% -200,00% -30,00% -34,89% -300,00%	Existing
Science Lab Discovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Spacech / OT / PT	3000 2000 360 360 360 450 450 450 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 338 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		101.85% 4100.000 200.000 24.89% 200.000 100.000 1 13%	Existing
Science List Besource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Secont (01) #7 Seco	3000 2000 360 360 360 450 450 450 450 110	1 1 1 1 1 1 1		929 4017 0 0 0 0 138 0 0 0 152	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		101.85% Alcouple Alcouple 300.00% 24.89% 201.00% 100.00% 1 133% C 00%	Existing
Science List Besource Small Group Room Resource Group Room Special Group Room Resource Room Resour	1000 2000 350 360 360 450 450 450 110 110 110	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 338 0 0 0 152 150 192	000000000000000000000000000000000000000		101.89% 460,000 300.00% 500.00% 500.00% 500.00% 11.33% 0.00%	Existing
Science List Biscovery Commons Resource/Smail Group Room Resource/Smail Group Room Resource/Smail Group Room Resource/Smail Group Room Specch (01) #1 Specch (00) #1 S	1000 2000 360 360 360 450 450 150 150 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4027 0 0 0 1338 0 0 152 150 192 0 0	000000000000000000000000000000000000000		7, 200 201,85% AGO, 000 200,000 34,85% 200,000 1,33% 0,000 1,33% 1,000 1	Existing
Science List Besource Small Group Room Resource Group Room Special Group Room Resource Room Resour	1000 2000 350 360 360 450 450 450 110 110 110	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 338 0 0 0 152 150 192	000000000000000000000000000000000000000		201.05% 460,000 200.00% 201.00% 24.89% 201.00% 400.00% 1.33% 0.00%	Existing
Science List Besource? Small Group Room Resource? Small Group Room Speech (017 #1 Speech (1000 2000 360 360 360 450 450 150 150 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4027 0 0 0 1338 0 0 152 150 192 0 0	000000000000000000000000000000000000000		7, 200 201,85% AGO, 000 200,000 34,85% 200,000 1,33% 0,000 1,33% 1,000 1	Existing
Science List Besovery Commons Resource/Small Group Room Second (01 pt 1 Specch (0	3000 2000 350 360 360 450 450 150 150 150 150 150 150 150 150 150 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4027 0 0 0 338 0 0 2 152 150 192 0 0	000000000000000000000000000000000000000		7, 200 201,85% AEC, 000 200,000 34,894 500,000 1,33% 0,000 1,33% 300,000 300,000 300,000	Exeting
Science List Besource/Small Group Room Resource/Small Group Room Speech (01) #1 Speech (02) #1 Speech (03) #1 S	1000 2000 350 360 450 450 450 150 150 150 150 150 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4027 0 0 0 3358 0 0 1522 1500 0 0 0 0 0 0	1 0 0 0 0 1 1 1 1 1 0 0 0		101.85% 400.00% 500.00% 500.00% 500.00% 1135% 0.00% 100.00% 100.00% 100.00% 100.00%	Exeting
Science List Besource Strain Droug Room Resource Small Groug Room Speech (01) #1 Sp	1000 2000 350 360 450 450 450 150 150 150 150 150 150 150 150 300	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 1338 9 0 152 150 0 0 0 0 152 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0		30.85% 400.00% 50.00% 54.59% 50.00% 54.59% 60.00% 1.33% 6.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	Exeting
Science Lisb Biscovery Commons Bessurce/Small Group Room Special Group Room Teacher Collaboration Room	1000 2000 350 360 450 450 110 110 110 110 110 110 110 110 110 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 0 338 0 0 0 152 152 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110000000000000000000000000000000000000		7, 20% 201, 85% 400,000% 500,000% 500,000% 600,000% 600,000% 13,35% 100,000	Exeting
Science List Besource? Small Group Room Resource? Small Group Room Speech (017 #1 Speech (1000 2000 350 350 450 450 450 110 110 110 110 110 110 110 110 110 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 0 0 1388 39 152 152 152 0 0 0 0 0 0 152 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0		7, 20% 201, 85% 400,000% 500,00% 500,00% 500,00% 1, 33% 0, 00% 1, 33% 1, 33% 1, 33% 1, 33% 1, 33% 1, 33% 1, 30% 1, 30%	Existing
Science Lisb Biscovery Committee Resources Small Group Room Resources Small Space (701 pt 1) Speccol (701 pt	1000 2000 160 360 450 450 150 150 150 150 150 150 150 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 1388 30 152 152 0 0 0 0 0 0 0 152 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0		7, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	Existing Existing See Site Fan
Science List Biscovery Commons Resources Small Group Room Resources (717 97 Special Conference Office Special Control Conference Office Special Education Coordinator Office Teacher Collaboration Room Textnoon Collaboration Room Textnoon Collaboration Room Textnoon Conference Textnoon Confere	3000 2000 3600 3600 4500 4500 1500 1500 1500 1500 3000 3000 2000 3000 3000 3000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		929 4037 0 0 0 1388 30 152 152 0 0 0 0 0 0 0 152 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0		7, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	

Room Description	Room	Qty	Total SF	Room Size	Qty	Total SF	Variance	Nates
Library (Combined)	4150	4.7	.1277121	2592	0	Total Control	CAN	
		-					25.00	
Reading/Learning/Circulation Room	2500	- 2		2392	1		3.68%	200 000 000 000 000 000
Makerspace	500	- 1	100000	4-1	10.00		100000	SF inct, in Library on plan
Small Group / Conference Room	300	1						SF incl. in Library on plan
Small Group / Conference Room	300	- 1						SF incl. in Library on plan
Combined Office / Workroom	400	- 1			5536			5F incl. in Library on plan
Device Charging Room	150	- 1						SF incl. in Library on plan
Ubrary Speces			4150	-		2592		
On my species					_	2774		
The second secon				LARTS				
Room Description	Room	Qty	Total SF	Room Size	Qty	Total SF	Variance	Notes
Art Lab	1000	- 1		951	- 1		4,90%	
Kiin Room	60	- 1	DEFE	58	- 1		-3.33%	SF incl. in Art Room on plan
Art Storage	150	- 3		143	- 1		4.62%	SF incl. in Art Room on plan
Visual Arts	130	-	2210	144		1157	4,000	AT THE CONTRACT RECORD OF PIE
rounies						24341		
	1/2		PERFORMING	S ARTS SPACE	25			
Room Description	Room	Qty	Total 5#	Room Size	QtV	Total SF	Variance	Notes
General Music Room	900	- 1		800	- 1		-31018	11111111111
General Music Storage	250	- 1		168	- 1		-32.80%	SF incl. in Music on plan
		-	1150	inel		968	-	S. F. S. S. SHARE ST. PART
Performing Arts Spaces		_	=			300		
		3	PHYSICAL EDU	CATION SPACE	CES			
Room Description	Room	Qty	Total SF	Room Size	Qty	Total SF	Variance	Notes
Cymrasium	5000	.0		1	-24	-		SF inci, in Multipurpose
	250	1						ar end in morning pose
Stage			_				100.4	
Office	225	- 1		0	. 0		-100 004	
Staff Shower/ Restroom / Locker	150	- 1		0	. 0		-100 001	
Storage	400	1		. 0	0		-100-00%	
Chair Storage	225	1						
Bicycle Storage	150	- 1		0	. 0		-100,00%	
Outdoor Storage	200	1		0	. 0		-500.00	*1
Playerounds	0	1		0	.0			See site plan
Performing Arts Spaces			7200			0		
				SPACES				
			//		-			
Room Description	Room	City	Total SF	Room Star	Qty	Total SF	Variance	Notes
Entrance Lobby	Gross Up	Gross Up	THE RESERVE	1000	-			
Welcome Center	575	1					-100.00%	
Security Area	75	- 1					-100,000	
Conference Room	200	1		207	- 1		3.50%	
	200	11		298	- 1		49.00%	
Principal's Office	150	- :		- 2987			-100.00%	
Administrative Office				_	_			
Administrative Office	150	- 1		-			-100 00k	
Administrative Office	150	- 3					-100.00%	
Administrative Workroom	400	3					-100 00%	
	150							
Records Room		13	1000				- 100 OCS	
Records Room Parent Resource Center	200	1				-	100.00%	
Parent Resource Center	200	:						
Parent Resource Center Countries Office	200 150	1					100.00% -100.00%	
Parent Resource Center Counterer's Office Counselor's Office	200 150 150	1 1					-100,00% -100,00% -100,00%	
Parent Resource Center Counselor's Office Counselor's Office Student Services	200 150 150 150	1 1		174	- 1		100.00% -100.00% 100.00% 16.00%	
Parent Hesburce Center Counseior's Office Counseior's Office Student Services Student Services	200 150 150 150	1 1		174	1		100,00% -100,00% -100,00% -160,00%	
Parent Hasburge Center Counseior's Office Counseior's Office Student Services Student Services Student Services Student Services	200 150 150 150 200	1 1 1		174	1		100,00% -100,00% 100,00% 16,00% -100,00%	
Parent Hesburce Center Counseior's Office Counseior's Office Student Services Student Services	200 150 150 150 150 200 300	1 1		174	1		100,00% -100,00% -100,00% -160,00%	
Parent Hesturice Center Courselor's Office Courselor's Office Student Services Student Services Student Services Atter School Program Office Atter School Program Office	200 150 150 150 200	1 1 1		174	1		100,00% -100,00% 100,00% 16,00% -100,00%	
Panent Heaturico Center Courserior's Office Courserior's Office Student Services Student Services Student Services Student Services After School Program Office State School Program Office	200 150 150 150 150 200 300 450	1 1 1 1 1 1		174	1		100,00% 100,00% 100,00% 16 00% 16 00% 100,00% 100,00%	
Panent Rebusico Center Courreior's Office Courreior's Office Student Services Student Services Student Services Student Services After School Pringram Office After School Pringram Office Welmas / Lecturion Room	200 150 150 150 150 200 300	1 1 1 1 1 1	3950	174	1		100,00% 100,00% 100,00% 16 00% -100,00% -100,00%	
Panent Heaturico Center Courserior's Office Courserior's Office Student Services Student Services Student Services Student Services After School Program Office State School Program Office	200 150 150 150 150 200 300 450	1 1 1 1 1 1	3950		1	C79	100,00% 100,00% 100,00% 16 00% 16 00% 100,00% 100,00%	
Panent Resource Control Counsears Office Counsears Office Counsears Office Student Services Student Services Student Services Student Services Atter Services Control Student Services Atter School Program Office Self Sounce Weibnes / Lacturion Room I Admin Spaces	200 150 150 150 150 200 300 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student 0	ning Services	1	7 - 1	100 001 -100 005 100 005 16 000 -100 005 -100 005 -100 005	
Panent Rebusico Center Courreior's Office Courreior's Office Student Services Student Services Student Services Student Services After School Pringram Office After School Pringram Office Welmas / Lecturion Room	200 150 150 150 150 200 300 450	1 1 1 1 1 1			Qsy	679 Total SF	100,00% 100,00% 100,00% 16 00% 16 00% 100,00% 100,00%	Notes
Panent Resource Center Counterior Softie Counterior Softie Counterior Softie Student Services Student Servic	200 150 150 150 150 200 300 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student 0	ning Services	Qsy	7 - 1	100 001 -100 005 100 005 16 000 -100 005 -100 005 -100 005	
Parent Resource Centere Coursearce State Coursearce State Coursearce State Student Services Student Services Student Services Student Services After School Program Office After School Program Office Welbres / Lecturion Room F Admin Spaces Room Description	200 150 150 150 150 200 300 450 150 Floom 3438	1 1 1 1 1 1 1	Student 0	ning Services Boom Size	Qty	7 - 1	100 001 -100 005 100 005 16 000 -100 005 -100 005 -100 005 -100 005	Notes Incl. in Multiguspose
Panent Resource Commer Countreers of Office Countreers of Office Countreers of Office Student Services Room Description Student Diring Area Multipurpose Multipurpose	200 150 150 150 200 300 450 150 Floor Floor 3438 5000	Oty	Student 0	Room State	1	Total SF	100 001 -100 005 100 005 10 005 -100 005 -100 005 -100 005 -100 005 -100 005	Incl. in Multipurpose
Parent Resource Center Counsears Office Counsears Office Source of Counsears Office Student Services Student Services Student Services Student Services After School Pregram Office After School Pregram Office Welmess / Lecturion Room I Admin Spaces Room Description Multipurpose Multipurpose	200 150 150 150 150 200 300 450 150 Boom 850 850	Oby O	Student 0	Room Star 4051 435	1	Total SF	100 001 -100 005 -100 005 -100 005 -100 005 -100 005 -100 005 -100 005 -100 005 -100 005	
Panent Resource Content Counsears of Office Counsears of Office Counsears of Office Student Services Student Services Student Services Student Services Conteneus Alter Strood Program Office After Strood Program Office Staff Songe Welman / Lactation Room Student Dining Area Multipurpose Multipurpose Stope Chalr / Table Stope	200 150 150 150 150 200 300 450 150 800 850 850	Orly O	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Incl. in Multipurpose Existing Stage
Parent Resource Center Counsears Office Counsears Office Source of Counsears Office Student Services Student Services Student Services Student Services After School Pregram Office After School Pregram Office Staff Sounce Staff Sounce Staff Sounce Staff Sounce Multipurpose Student Office Source Office Source Student Office Staff Sounce Student Office Staff Sounce Student Office Staff Sounce Student Office Staff Sounce	300 150 150 150 200 300 450 250 800 8438 5000 225 2210	Oty 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Student 0	Room Star 4051 435	1	Total SF	100 001 -100 005 -100	Incl. in Multipurpose Existing Stage Combined
Panent Resource Content Counsears of Office Counsears of Office Counsears of Office Student Services Student Services Student Services Student Services Conteneus Alter Strood Program Office After Strood Program Office Staff Songe Welman / Lactation Room Student Dining Area Multipurpose Multipurpose Stope Chalr / Table Stope	### ##################################	Oty 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Incl. in Multipurpose Existing Stage Combined SF incl. in Kitchen on plan
Parent Resource Centre Counsearch State Counsearch State Counsearch State Student Services Alter Stervice Program Office Alter Stervice Program Office State State Alter Stervice Alter Stervice Alter Stervice Alter Stervice Room Cescription Student Oning Area Multipurpose Multipurpose State Chair / Tatle State Chair / Tatle State State Chair / Tatle State State Considered	300 150 150 150 200 300 450 250 800 8438 5000 225 2210	Oty 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Incl. in Multipurpose Existing Stage Combined
Panent Resource Center Countretter State Countretter State Countretter State Student Services Student Services Student Services Student Services Student Services Student Services State Student Services State Student Services State Student State Webnas / Lectarion Room I Admin Spaces Room Description Student Diring Area Student Diring Area Student State Chair / Table Storage Kitchen (Combined) Kitchen / Tood Preparation Serving Area Serving Area Serving Area	300 150 150 150 200 300 350 150 250 250 250 225 225 400	Oty 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Incl. in Multipurpose Existing Stage Combined SF incl. in Kitchen on plan
Panent Resource Control Counsearch State Counsearch State Counsearch State Student Services Student Services Student Services Student Services Contenence After Services Room Cescription Student Dining Area Multipurpose Multipurpose Multipurpose Student Dining Area Chair / Table State Chair / Table State Chair / Table State Stocken Combined States Find Of Programmed States Find States Find States Dry Food States Dry Foo	## ## ## ## ## ## ## ## ## ## ## ## ##	Oty	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Incl. in Multipurpose Existing Scage Combined SF incl. in Kitchen on plan SF incl. in Kitchen on plan SF incl. in Kitchen on olan
Panent Resource Control Countretors Office Countretors Office Sources of State Student Services Staff Source After School Program Office Staff Source Memory Lecturion Room Fadmin Spaces Room Description Student Diring Area Multipurpose Stage Chair / Table Student Stefan	## ## ## ## ## ## ## ## ## ## ## ## ##	0ty 0	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Inct. in Multipurpose Existing Scage Combined SF inct. in Ritchen on plan
Parent Resource Center Counsers of Office Counsers of Office Counsers of Office Student Services Student Services Student Services Student Services Student Services After School Program Office After School Program Office Weitness / Lacturion Room Student Services Room Description Student Offices Multipurpose Student Offices Chair / Table Storage Kitchen (Combined) Storage Frener / Cooler Ware Washing Ware Washing Ware Washing	200 150 150 150 200 300 450 150 800 800 225 2210 400 359 400 359 200 200	Gty 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Inct. in Multipupose Existing Stage Combined: \$F Inct. in Kitchen on plan
Panent Resource Center Courseiers Office Courseiers Office Sourcess of Strice Student Services Room Description Student Diring Area Multipurpose Stuge Chair / Table Strice Student Coordinated Stage (Stathen Coordinated) Stachen / Food Program Freter / Cooler Ware Washing Cleaning Storage Cleaning Storage (Cleaning Storage Gleaning Storage Cleaning Storage Clean	200 150 150 150 200 300 450 250 850 850 2210 650 450 2210 650 450 850 2210 650 650 650 660	00y 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Inct. in Multipurpose Existing Stage Combined: 55 Inct. in Kitchen on plan 55 Inct. in Kitchen on plan 57 Inct. in Kitchen on plan
Parent Resource Center Counsers of Office Counsers of Office Counsers of Office Student Services Student Services Student Services Student Services Student Services After School Program Office After School Program Office Weitness / Lacturion Room Student Services Room Description Student Offices Multipurpose Student Offices Chair / Table Storage Kitchen (Combined) Storage Frener / Cooler Ware Washing Ware Washing Ware Washing	## Room ## ## ## ## ## ## ## ## ## ## ## ## ##	0ty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Student 0	Room State 4051 435 112	1	Total SF	100 001 -100 005 -100	Inct. in Multipupose Existing Stage Combined: \$F Inct. in Kitchen on plan



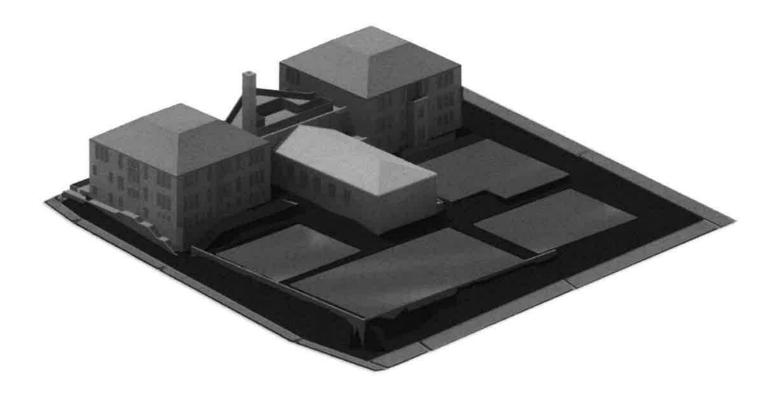


SCHEME A EAST ELEVATION



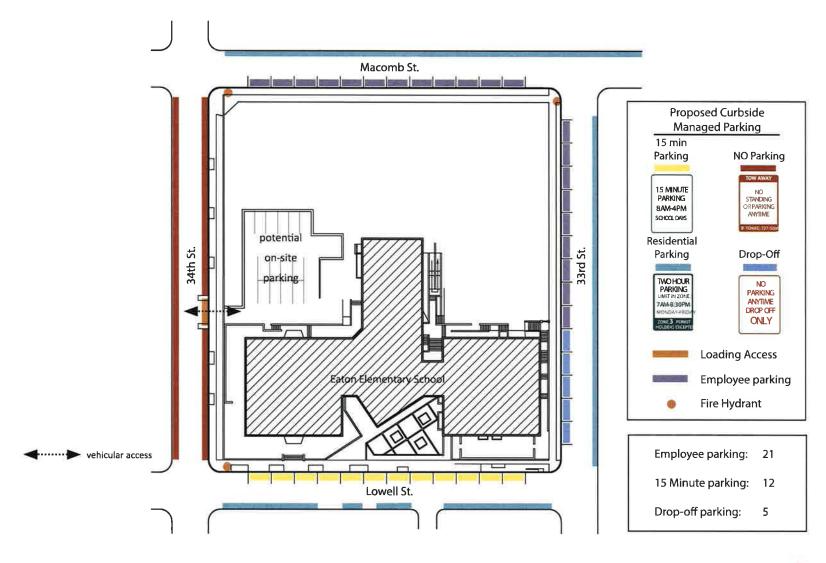
SCHEME A SOUTH ELEVATION





SCHEME A MASSING

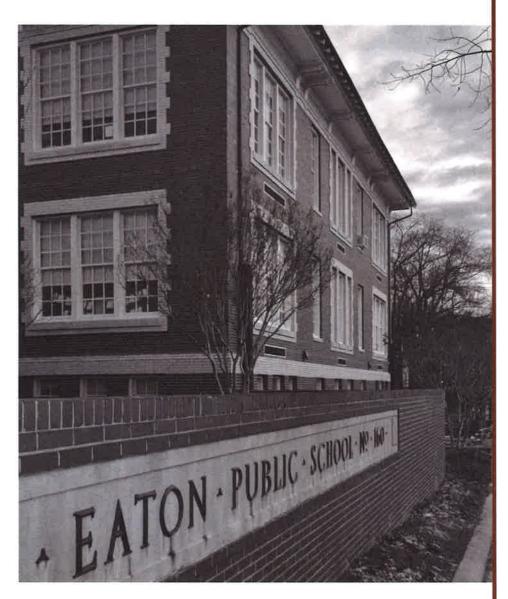






SCHEME A CURBSIDE MANAGED PARKING





JOHN EATON ELEMENTARY SCHOOL MODERNIZATION FEASIBILITY ASSESSMENT District of Columbia Public Schools

SCHEME B



SCHEME B

PRELIMINARY STORMWATER MANAGEMENT CALCULATIONS AND NARRATIVE

DOEE will consider scenario B to be a substantial renovation and addition of the existing school with additional exterior land disturbance, The required stormwater retention volume (\$WRV) is calculated below.

For the building

(28,550 Sf) x (0,95 Impervious runoff coefficient) x (0,8 In / 12 in/ft) = 1,800 CF

Site disturbance is estimated to be about 30,800 sf., Approximately 17,000 of the site will be compacted cover, and the rest shall be impervious. Thus, (13,800 sf) x (0.95 Impervious runoff coefficient) x (1.2 ln / 12 in/ft) + (17,000 sf) x (0.25 Compacted cover runoff coefficient) x (1.2 ln / 12 in/ft) = 1311 + 425 = 1,736 CF

Total SWRV on private property is thus estimated to be about 3,540 CF

Due to the approximate nature of the topographic information currently available, it is not possible to depict detailed drainage areas, Nonetheless, Huska Consulting believes the SWRV could be met with one or a combination of the following strategies:

A light-weight, extensive (4" depth max.) Green roof could be placed on much of the existing school, despite the sloped (gabled) nature of much of the roof. Huska consulting assumes no more than perhaps 15,000 st of the roof could be converted to green roof. If sized to retain the 1.7" Storm event, this would yield about 2,000 CF.

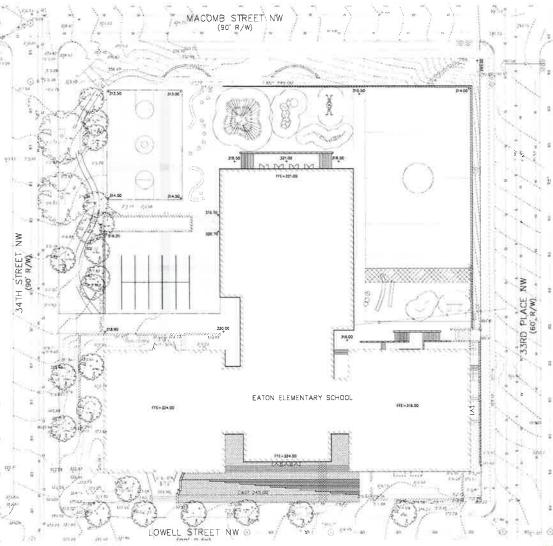
Bioretention facilities could be placed along the perimeters of the north playground and sports field. Huska estimates the drainage area in the northern play areas could be sufficient to meet the SWRV requirements, especially if a trench drain is placed east of the small children's play area along the existing retaining wall. A typical bioretention cross section could be 1' of gravel, 3' of soil media, 3" of mulch, and 18" of ponding depth. With this cross section in mind and conservatively assuming the in situ soils do not percolate, the total square footage of bioretention needed to meet the requirements for the entire site would be about 2,250 sf. Note this would likely require some portion of the building to be conveyed to the bioretention facilities.

A rainwater cistem could be installed inside the school building. The primary demand of the cistern would be to flush toilets. The source of the cistern would be from runoff from the school's roof and possibly the northern play areas, as well, Preliminary calculations suggest the cistern would be about 40,000 gallons.

Within public space, the retention required appears to be about

(2,000 Sf) x (0.95 Impervious runoff coefficient) x (1.2 In / 12 in/ft) = 190 CF

This could be met with bioretention facilities behind the sidewalk and/or by preserving some of the trees in public space adjacent to school property.



SCHEME B CIVIL DESIGN



FEASIBILITY STUDY; SCHEME B

Scope

Scheme B involves restoration of the most of the existing facility with substantial interior modification. The existing multipurpose structure will be demolished to accommodate construction of new cafeteria/gym.

Discussion

This scheme reduces the amount of open space slightly due to the new cafeteria/gym in the center of the campus...

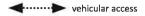
It also involves a new retaining wall along 33rd Place and as a result gains approximately 3,000 sf of usable outdoor space. The wall can be implemented as a wall covered by plants on 33rd Place face. There are 10 onsite parking spaces. There is slightly narrower sports field (than existing) on the east side of the campus, 5-12 year play area on the north part and full basketball court/or a multipurpose sports court for various games. A vertical self-enclosed play structure is designed for younger children adjacent to lower grade classrooms. The play structure also serves as a separation between play and ball court, it has slides and other play apparatus reaching out to the playground surface beyond the play structure. There are other types equipment located in the younger children play area as well.

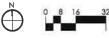
There are broad steps and low walls for level changes and can be used as seating. Casual and curvilinear outdoor seating are placed amongst play/sport zones,

Medium to small trees or shrubs are placed in the planters that serve as grade separation.

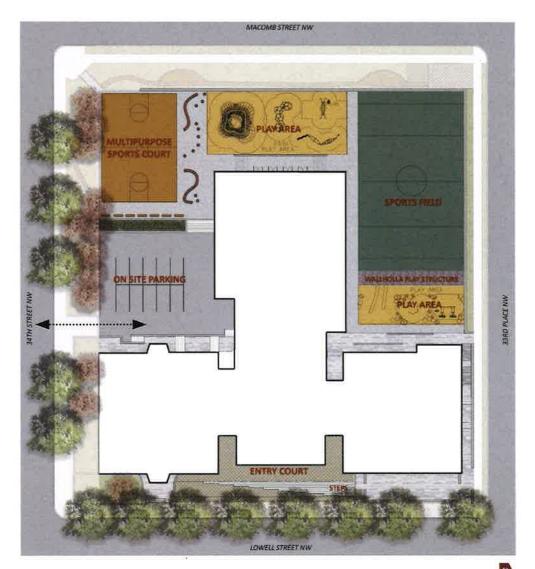
In the front entry court, broad steps replace the existing retaining wall and open the school entrance to the neighborhood. The steps can be used as casual outdoor seating,

There will be street trees planting along all streets, especially on Lowell Street to provide shade to the south facing entry court.





SCHEME B LANDSCAPE DESIGN







LANDSCAPE STEPS AT ENTRY PLAZA



GROUP SWING



MULTIPURPOSE PLAY AREA



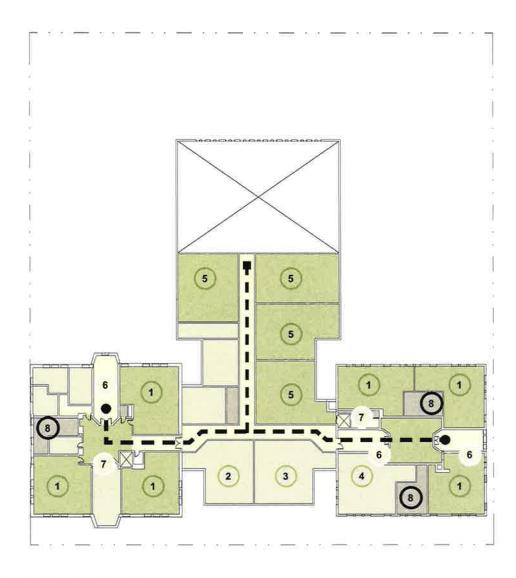
PLAY STRUCTURE











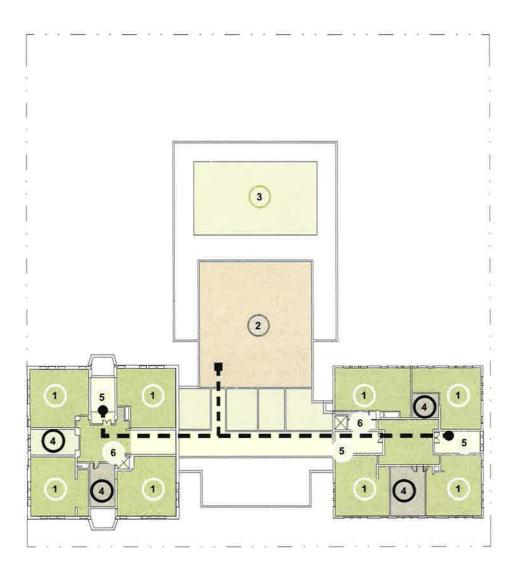


NOTE KEY

- # Program Element
- 1 2ND 5TH GRADE CLASSROOM
- 2 SCIENCE
- 3 ART
- 4 MUSIC
- 5 PRE-K 1ST GRADE CLASSROOM
- 6 STAIR
- 7 ELEVATOR
- 8 TOILET









NOTE KEY

- # Program Element
- 1 2ND 5TH GRADE CLASSROOM
- 2 LIBRARY
- 3 OUTDOOR LEARNING
- 4 TOILET
- 5 STAIR
- 6 ELEVATOR



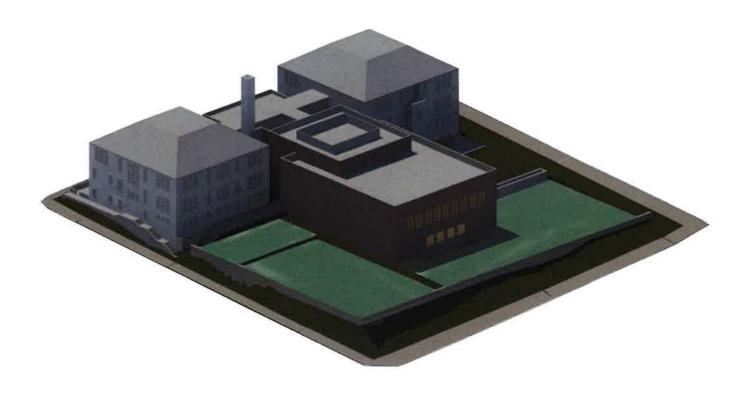


EATON ES	EDSPE	C					PTION E	3
			ACADEM	IC SPACES				
	_	-	CLASS	ROOMS		-		
Noom Description	Room	Qty	Total SF	Apom Size	Qty	Total SF	Variance	Notes
Pre-K - Grade 1 Classroom	1175	- 1		1104	- 1		-1.87%	
Pre-K - Grade 1 Classroom	1125	- 1		1081	13.		3.91N	
Pre K - Grade 1 Classroom	1125	1		1103	- 1		-1.96%	
Pre-K - Grade 1 Classroom	1125	1		1169		1000	3.91N	
Pre 4 - Grade 1 Classroom	1125		STEEL STATE	1103	- 1		1.96%	
Pre-K - Grade 1 Classroom	1125	1		1121	- 1	CHARLES AND	0.36N	
Pre-K - Grade 1 Classroom	1125	1		1114	- 1		-0.98N	
Pre-K - Grade 1 Classroom	1125	1		1119	- 1		-0.53%	
Pre-K - Grade 1 Classroom	1125	1		914	- 1		-1576%	
Pre-K - Grade 1 Classroom	1175	1		926	- 1	-	17.69%	
K- Grade 1 Classrooms		10	11250		10	10754		
Pre-K - Grade 1 Toket	50	1		50	1			Incl. in Classroom on plans
Pre K - Grade 1 Todes	50	1		50	1		0.00%	incl. in Classroom on plans
Pre-K - Grade 1 Tollet Pre-K - Grade 1 Tollet	30	1		50	1			Incl. in Classroom on plans Incl. in Classroom on plans
Pre-K - Grade 1 Toilet	50	1		50	- 1			Incl. in Classroom on plans
Pre-K - Grade 1 Tollet	50	1		50				incl. in Classroom on plans
Pre K - Grade 1 Toilet	30	1		50	1			Incl. in Classroom on plans
Pre-K - Grade 1 Toiles	:50	- 1		50	- 1			Incl. in Classroom on plans
Pre-K - Grade 1 Toilet	50	- 1		30	- 1			Incl. in Classroom on plans
Pre-K - Grade 1 Yorlet	50	- 1		50	. 0		0.00%	incl. in Classroom on plans.
e-K - Grade 1 Tollets		10	500	-	- 9	500		
Grade 7-5 Classroom	900	- 1		910	- 1		1.11%	
Grade 7-5 Classroom	900			923	- 4		2.56%	
Grade 2-5 Classroom	900	- 1		1004	- 1		11.55%	
Grade 2-5 Classroom	900			900	- 1		0.00%	
Grade 2-5 Classroom	900	1		900	- 1		0.00%	
Grade 2-5 Classroom	900	1	1000	903	1		0.22%	
Grade 2.5 Classroom	900	1		915	1	-	1.67%	
Grade 2-5 Classroom	900	- 1		937	- 1		4.31%	
Grade 2-5 Classroom	900			502	1	100	0.22%	
Grade 2-5 Classroom	900	1	-	901	- 1		0.31%	
Grade 2-5 Classroom Grade 2-5 Classroom	900	- 1		902	- 1		0.22% 4.56%	
Grade 2-5 Classroom	900	1		920	- 1		2.22%	
Grade 2-5 Classroom	900	- 1		903	- 1		0.33%	
ade 2-5 Classrooms	200	- 14	12600	553	14	13660	V.33N	
otal Classroom Space	_		24350		_ ~	24114		
	11			COMPORT				
Room Description	Room	Qty	Total SF	C SUPPORT	Qty	Total 57	Variance	Notes
arly Elementary Resource / Small Group	450	1			- 1			
arty Elementary Resource / Small Group				440			-2.22%	
	450	. 1		3391	- 1		-24.67%	Existing
Outdoor Storage - Early Childhood	200	1		339	0		-100.00%	Entire
Outdoor Storage - Early Childhood Science Lab	200 1000	1		339 986	0		-24.67% -100.00% -1.40%	
Outdoor Starage - Early Childhood Science Lab Oiscovery Commons	200 1000 2000	1		339 986 3858	1 0 1		-24.67% -200.00% -1.40% 92.90%	Existing Existing
Outdoor Starage - Early Childhood Science Lab Oscovery Commons Resource/ Small Group Room	200 1000 2000 350	1		986 3858 363	1 0 1 1		-1.40% 92.90% 92.90% 0.83%	
Outdoor Starage - Early Childhood Science Lab Oscovery Commons Resourch/ Small Group Room Resourch/ Small Group Room	200 1000 2000 350 360	1 1 1 1 1 1 1 1 1		986 3858 363 359	1 0 1 1 1		04.67% 100.00% -1.40% 82.90% 0.83% 0.28%	
Outdoor Storage - Early Childhood Science Lath Oldcovery Commons Resource/ Smill Group Room Resource/ Smill Group Room Resource/ Smill Group Room	200 1600 2000 360 360 360	1 1 1 1 1 1 1 1 1 1		339 986 3858 363 359 365	1 0 1 1 1 1		38.67% -100.00% -1.40% 83.90% 0.83% 0.28% 1.39%	
Outdoor Starage - Early Childheod Source List Olscovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room	200 1600 2000 350 360 360 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		339 986 3858 363 359 365 451	1 0 1 1 1 1 1		38.67% -100.00% -1.40% 82.90% 0.83% 0.26% 1.39% 0.22%	
Outdoor Starage - Early Childhood Science Lath Oldcovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room	200 1000 2000 350 360 160 450 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		339 986 3858 363 359 365 451 462	1 1 1 1 1 1 1		98.67% -100.00% -1.40% 93.90% 0.83% 0.28% 1.39% 0.22% 2.67%	
Outdoor Starage - Early Childhood Somerce Lish Outdoorery Commonla Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Seech / OI / PI Speech / OI / PI Speech / OI / PI Speech / OI / PI	200 1000 2000 350 360 360 450 450 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3199 986 3858 363 359 365 451 462 498	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		38.67% -100.00% -1.40% 82.90% 0.83% 0.26% 1.39% 0.22%	
Outdoor Starage - Early Childhood Scance Lab Outcovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Speech / OT / PT Speech / OT / PT	200 1000 2000 360 360 360 450 450 450 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		339 986 3858 363 359 365 451 462	1 1 1 1 1 1 1		34.67% 400.00% 1.40% 0.83% 0.28% 1.39% 0.22% 1.57% 10.57%	
Outdoor Starage - Early Childhood Source List Outdown's Commonia Resource's Small Craup Room Resource's Small Craup Room Resource's Small Craup Room Resource's Small Craup Room Starce's	200 1000 2000 350 360 360 450 450 450 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		379 985 3858 363 359 365 451 462 498	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		26.978 400.0094 1.40% 93.90% 0.838 0.28% 1.39% 0.22% 1.67% 10.57% 2.67%	
Outdoor Starage: Early Childhood Science Land Uniconery Common Resource/ Small Group Room Resource/ JOT / PT Speech / GT / PT	200 1000 2000 350 350 350 450 450 450 450 150	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		379 985 3858 363 359 365 451 462 498	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		34.978 400.004 1.408 91.908 0.838 0.289 1.399 0.228 1.679 10.579 2.679 2.679 2.679 2.679	
Outdoor Starage - Early Childhood Science Lish Oscovery Commonts Resource/ Small Group Room Seech / GI / FI Speech / GI / GI / FI Speech / GI / GI / FI Speech / GI / GI / FI Speech / GI / G	200 1000 2000 350 350 350 450 450 450 150 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		379 986 3858 363 363 369 365 451 462 492 154 186	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		24.87% 100.00% 1.40% 81.90% 0.83% 0.28% 1.39% 0.22% 1.67% 10.57% 10.57% 14.00%	
Outdoor Starage: Early Childhood Sonnes Lan Uscovery Commons Resource/ Small Group Roam Speech / O / P / P	200 1000 2000 350 360 450 450 450 150 150 150 150	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		3191 985 3858 363 359 365 451 462 498 154 186 188	1 0 1 1 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3		06.075 100.000 11.900 0.838 0.289 1.399 0.278 10.578 10.578 12.000 100.000 25.338 12.000 100.000	
Outdoor Starage - Early Childhood Science Lish Oscovery Commonts Resource/ Small Group Room Seech / GI / FI Speech / GI / GI / FI Speech / GI / GI / FI Speech / GI / GI / FI Speech / GI / G	200 1000 2000 360 360 360 450 450 450 150 130 130 130	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		329 986 3858 363 359 365 451 462 498 154 186	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		24.87% 100.00% 1.40% 81.90% 0.83% 0.28% 1.39% 0.22% 1.67% 10.57% 10.57% 14.00%	
Outdoor Starage: Early Childhood Sonnes Lan Uscovery Commons Resource / Senior Lan Special / Coll / PT Special (Coll / PT Special / Coll / PT Special (Coll / PT Sp	200 1000 2000 350 360 450 450 150 150 150 150 150	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		3191 985 3858 363 359 365 451 462 498 154 186 188	1 0 1 1 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3		06.075 100.000 11.900 0.838 0.289 1.399 0.278 10.578 10.578 12.000 100.000 25.338 12.000 100.000	
Outdoor Starage - Early Childheod Science Lish Discover, Chimelinia Resource/ Small Group Room Speech / GI / PI Speech / Gillagoration Floor Teacher / Gillagoration Room	200 1000 2000 350 360 450 450 150 150 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		339 986 3858 363 363 365 451 462 498 154 186 186 137 129 214	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		04.67% 100.00% 1 40% 0.83% 0.28% 1 29% 10.57% 10.57% 10.00% 10.00% 12.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 14.00% 16.00% 1	
Outdoor Starage: Early Childheod Sones Lab Usicovery Commons Resource/ Small Group Room Resource/ Small Group Poom Resource/ Small Group Poom Resource/ Small Group Poom Resource/ Small Group Poom Speech / OT / PT Speech / OT /	200 1000 2000 360 360 450 450 150 150 150 150 300 300	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		179 586 3858 363 369 365 451 462 488 154 186 158 137 148 158 158 178 178	1 1 1 1 1 1		04 67% 100,000 11 400 81 90% 0,83% 0,28% 1 39% 1 267% 2 67% 24 00% 24 00% 33 33% 32 00% 14 00% 14 00% 15 57% 16 57% 17 00% 18 57% 18 57% 1	
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Outdoor Starage - Early Childhood Resource/ Small Crising Manager Resource/ Small Crising Manager Resource/ Small Crising Moon Resource/ Small Crising Moon Resource/ Small Crising Moon Resource/ Small Crising Moon Speech / Cif / PT S	200 1000 350 360 360 450 450 150 150 150 150 200 200 200	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1399 986 3858 3653 3653 165 4511 462 498 154 154 158 132 129 229 214 376 365	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		06.67% 100.00% 12.50% 0.83% 0.25% 1.39% 0.27% 10.57% 2.67% 10.57% 10.57% 12.00% 12.00% 13.00% 14	
Outdoor Starage: Early Childhood Sones Lab Uscovery Commons Resource/ Small Group Roam Resource/ Small Group Roam Resource/ Small Group Boom Resource/ Small Group Boom Resource/ Small Group Boom Resource/ Small Group Boom Speech / O/1 / PI Speech	200 1000 350 360 360 450 450 150 150 150 150 200 200 200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		199 986 3858 363 359 165 451 462 498 134 186 138 129 224 378 308	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		26 679. 10 000. 11 000. 12 90K 0 23 90K 0 23 90K 1 399. 10 275. 10 575	
Outdoor Starage - Early Childhood Science Lish Resource's Small Crisis Manage Resource's Small Crisis Month Resource's Small Crisis Month Resource's Small Crisis Month Resource's Small Crisis Month Speech / Cri FIF Speech / Crisis Month Teacher Collaboration Room	200 1000 360 360 360 450 450 150 150 150 150 150 150 200 200 200 200 200 200 200 200 200 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		339 986 3858 3858 3853 365 461 462 498 154 186 132 124 378 204 378 204 378 306 307 307 307 307 307 307 307 307	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		36 EF9- 10 DOS- 11 400- 82 90N- 0 28%- 1 399- 0 27%- 2 67%- 24 00N- 24 00N- 25 33%- 12 00N- 25 33%- 12 00N- 14 00N- 25 33%- 14 00N- 25 33%- 14 00N- 15 00N- 15 00N- 15 00N- 16 00N-	Systing
Outdoor Starage: Early Childhood Sonnes Lan Uscovery Common Resources Small Group Rasin Speech / G1 / P1 Speec	200 1000 350 360 360 450 450 150 150 150 150 300 300 200 300 200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		339 986 3858 3858 3853 365 461 462 498 154 186 132 124 378 204 378 204 378 306 307 307 307 307 307 307 307 307	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		36 EF9- 10 DOS- 11 400- 82 90N- 0 28%- 1 399- 0 27%- 2 67%- 24 00N- 24 00N- 25 33%- 12 00N- 25 33%- 12 00N- 14 00N- 25 33%- 14 00N- 25 33%- 14 00N- 15 00N- 15 00N- 15 00N- 16 00N-	

	$\overline{}$	_	LIBRARY					
Room Description	Room	Oty	Total 5#	Koom Size	Qty	Total SF	Variance	Notes
Library (Combined)	4150			4002	¢		-3.57%	
Reading/Learning/Circulation Room	2500	1		4002	. 1		60.08K	
Makempace	500	- :			5			SF incl. in Library on plan
Small Group / Contenence Room	300		100					SF incl. in Library on plan
Small Group / Conference Room	300	- 1						SF incl. in Library on plan
Combined Office / Workroom	400	1			27/200			SF incl. in Library on plan
Device Charging Room	150	- 1		COLUMN TO SERVICE STATE OF THE PERSON NAMED IN COLUMN TO SERVICE STATE OF THE PERSON NAMED STATE OF THE SERVICE STATE OF THE PERSON NAMED STATE OF THE PERSON NAMED ST		1000		SF incl. in Library on plan
otal Library Spaces			4150			4002		
			VISUA	LARTS			3	
Room Description	Room	Qty.		Room Size	Qty	Total SF	Variance	Notes
Artiab	1000	- 1	100	960	1		-4.00%	
Xin Room	60	1		60	- 1		0.00%	SF incl. in Art Room on plan
Art Storage	150	- 1	100	150	- 1		0.00%	SF incl. in Art Room on plan
otal Visual Arts	الالداد		1210		- 4	1170		
		_	PERFORMING	ADTE EDACE	×			
Room Description	Boom	Qty	Total SF	Room Size	Qty	Total SF	Variance	Notes
General Music Room	900	SANY.	TOTAL SE	795	1		11.475	(HOILE)
General Music Storage	250	- 1		250			0.00%	SF incl. in Music on plan
otal Performing Arts Spaces	- 1,00		1150	2,001		1045	. 4.4414	ST FISC III WINDS NO MINO
CONTROL PRODUCT						10-01		
			PHYSICAL EDU				200	
Room Description	Room	Qty	Total SF	Room Size	Qty	Total SF	Variance	Notes
Cymnasium	5000						-	SF incl. in Multipurpose
Stage	850	- 1		- 0	0		-100.00%	
Office	225	- 1		0	0		+100.00%	
Staff Shower/ Restroom / Locker	150	- 1		- 4	0		100.035	
Storage	400	- 1		0	- 0		+100.00%	
Chair Storage	275	- 3		1	0		-100.00%	
Bicycle Storage Outdoor Storage	150			0	- 0		100 00%	
Playarounds	0	- 1		o o	- 8		100,000	See site plan
otal Performing Arts Spaces			7200	X.		ol		
	_			SPACES	_			
A STATE OF THE STA								
Room Description	Room	Qty	Total SF	Room Size	Qty	Total SF	Variance	Notes
Entrance Lobby		Gross Up						
Welcome Center Security Area	575	- 1		77			-300,00% 2,67%	
	200	- 1		297	_		48.50%	
Conference Room Principal's Officer	200	- 1		245			22.50%	
	150	- 1	-	169	-		12.67%	
Administrative Office		- 1	Commence of the Commence of th				6.63%	
Administrative Office	150			160	_		6.67%	
Administrative Office Administrative Office	150 150	- 1		150 159	- 1		6.00%	
Administrative Office Administrative Office Administrative Worksoom	150 150 400			150 159 418			6.00% 3.50%	
Administrative Office Administrative Office Administrative Workzoom Records Room	150 150 400 150	1		150 159 416 163			5.00% 3.50% 8.67%	
Administrative Office Administrative Office Administrative Worksoom Records Room Parent Resource Center	150 150 400 150 200	1		150 159 416 163 331			6.00% 3.50% 8.67% 15.50%	
Administrative Office Administrative Office Administrative Worksoom Records Room Farent Resource Center Counsejor's Office	150 150 400 150 200	1		150 159 416 163 231 203			6.00% 3.50% 8.67% 15.50% 35.33%	
Administrative Office Administrative Office Administrative Office Administrative Worksoom Records Room Parent Resource Center Counseion's Office Counselon's Office	150 150 400 150 200	1		150 159 416 163 331			6.00% 3.50% 8.67% 15.50%	
Administrative Office Administrative Office Administrative Office Administrative Office Becords Room Parient Resource Center Counselor's Office Counselor's Office Counselor's Office Source Saurent Services	150 150 400 150 200 150 150	11 11 10 10 10 10 10 10 10 10 10 10 10 1		160 159 416 163 331 203 198 177			6.00% 3.50% 8.67% 15.50% 35.33% 32.00%	
Administrative Office Administrative Office Administrative Office Administrative Worksoon Becords Room Parent Resource Center Counselor's Office Counselor's Office Seudent Services Student Services Student Services	150 150 400 150 200 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		150 159 416 163 331 203 198			8.00% 8.67% 15.50% 15.50% 32.00% 18.00%	
Administrative Office Administrative Office Administrative Worksom Records Roome Parent Resource Commercial Counterior's Office Counterior's Office Student Services Student Services Student Services	150 150 400 200 250 150 150 150 200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		160 159 418 163 331 203 198 177			6.00% 8.67% 15.50% 35.33% 32.00% 18.00% 26.67%	
Administrative Office Administrative Office Administrative Office Administrative Worksom Becords Room Farent Resource Center Counselor's Office Counselor's Office Student Services Student Services Student Services Atter School Program Office	150 150 400 200 250 150 150 150 200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		160 159 414 163 231 203 196 177 190 279			6.00% 1.50% 8.67% 15.50% 35.33% 32.00% 18.00% 26.67% 39.50%	
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Administrative Office Administrative Office Administrative Office Administrative Worksom Becomb Records Comme Faront Resource Commerce Counselor's Office Counselor's Office Squared Services Student Services Stu	150 150 400 150 200 150 150 150 200 450	1 1 2 3 3 3 4 3 1 1 1 1 1 1	3550	160 159 416 163 231 203 198 177 190 279 313 501			6.00% 1.50% 8.67% 15.50% 33.00% 18.00% 26.67% 33.50% 4.33% 11.33%	
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LIBRARY SPACES

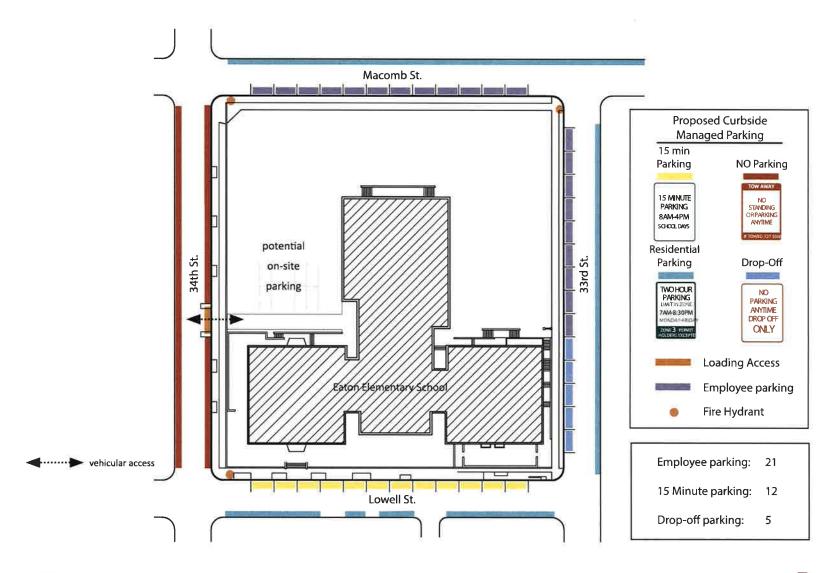
SCHEME B PROGRAM RECONCILIATION TABULATIONS



SCHEME B MASSING



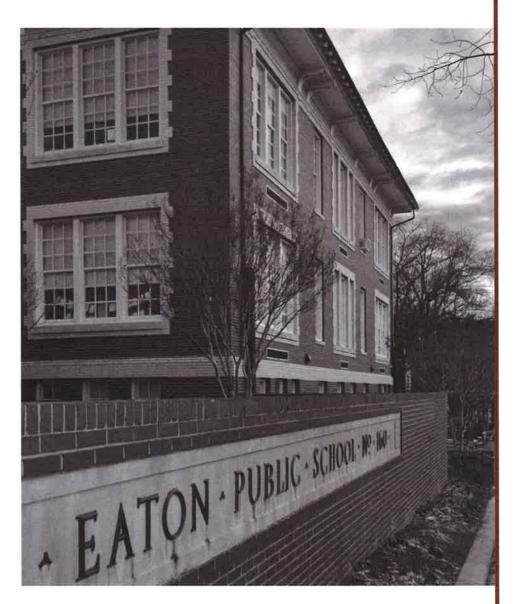






SCHEME B CURBSIDE MANAGED PARKING





JOHN EATON ELEMENTARY SCHOOL MODERNIZATION FEASIBILITY ASSESSMENT District of Columbia Public Schools

SCHEME C



SCHEME C

PRELIMINARY STORMWATER MANAGEMENT CALCULATIONS AND NARRATIVE

DOEE will consider Scenario B to be a substantial renovation and addition of the existing school with additional exterior land disturbance. The required stormwater retention volume (SWRV) is calculated below.

For the building

(42,000 SF) x (0.95 Impervious runoff coefficient) x (0.8 in / 12 in/ft) = 2,660 CF

Site disturbance is estimated to be about 15,000~SF. The layout is not currently ironed out so it will be assumed to be 50% impervious for this calculation,. Thus,

(7,500 SF) x (0.95 Impervious runoff coefficient) x (1.2 in / 12 in/ft) +

(7,500 SF) x (0.25 compacted cover runoff coefficient) x (1,2 in / 12 in/ft) = 713 + 188 = 900 CF

Total SWRV on private property is thus estimated to be about 3,560 CF.

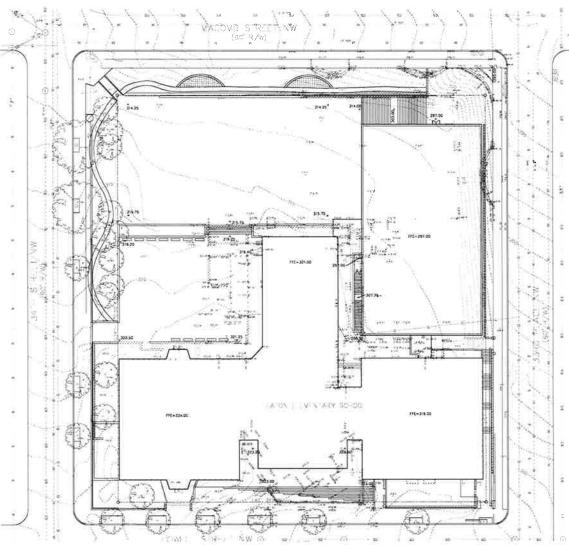
Due to the approximate nature of the topographic information currently available, it is not possible to depict detailed drainage areas. Nonetheless, Huska Consulting believes the SWRV could be met with one or a combination of the following strategies:

A light-weight, extensive (4" depth max.) green roof could be placed on much of the existing school, despite the sloped (gabled) nature of much of the roof. Huska Consulting assumes no more than perhaps 15,000 SF of the roof could be converted to green roof. If sized to retain the 1.7" storm event, this would yield about 2,000 CF.

Bioretention facilities could be placed at the perimeters of the north playground and sports field, Huska estimates the drainage area in the northern play areas could be sufficient to meet the SWRV requirements, especially if a trench drain is placed east of the small children's play area along the existing retaining wall. A typical bioretention crass section could be 1' of gravel, 3' of soil media, 3" of mulch, and 18" of ponding depth. With this crass section in mind and conservatively assuming the in situ soils do not percolate, the total square footage of bioretention needed to meet the requirements for the entire site would be about 2,250 SF, Note, this would likely require some portion of the building to be conveyed to the bioretention facilities,

A rainwater cistern could be installed inside the school building. The primary demand of the cistern would be to flush toilets. The source of the cistern would be from runoff from the school's roof and possibly the northern play oreas, as well, Preliminary calculations suggest the cistern would be about 40,000 gallons,

Within public space, the retention required appears to be about $(2.000 \text{ SF}) \times (0.95 \text{ Impervious runoff coefficient})$ $(1.2 \text{ in } / 12 \text{ i$



SCHEME C CIVIL DESIGN



FEASIBILITY STUDY: SCHEME C

Scope

Scheme C will involve repurposing of existing building spaces within the 1890 and 1911 buildings, new construction in the location of the 1980 building, and adjoining new construction north of the existing eastern building to achieve the architectural program requirements.

Discussion

Due to the expansion of the building envelop, the site open space is drastically reduced. The eastern edge is pushed out to the property line along 33°a Place by the new building component. There is a north east corner plaza entrance to the building lower level at Macomb Street and 33°a Place. Service to the cafeteria located in this part of new building is curb side next to the plaza. A set of broad stoirs leads to the upper level sport field and outdoor space. The steps can serve as outdoor casual seating,

Parking is accommodated by curb-side spaces.

There is enlarged sports field and expanded 5-12 year play area, Younger children play area is accommodated at roof level next to lower grade classrooms in the new building, Outdoor seating are placed along the play areas. There are broad steps and low walls for level changes and can be used as seating as well.

Medium to small trees are placed in the planters that serve as field and grade separation.

In the front entry court, broad steps replace the existing retaining wall and open the school entrance to the neighborhood. The steps can be used as casual outdoor secting.

There will be street trees planting along all streets, especially on Lowell Street to provide shade to the south facing entry court.



SCHEME C LANDSCAPE DESIGN









LANDSCAPE STEPS AT NORTH ENTRY PLAZA



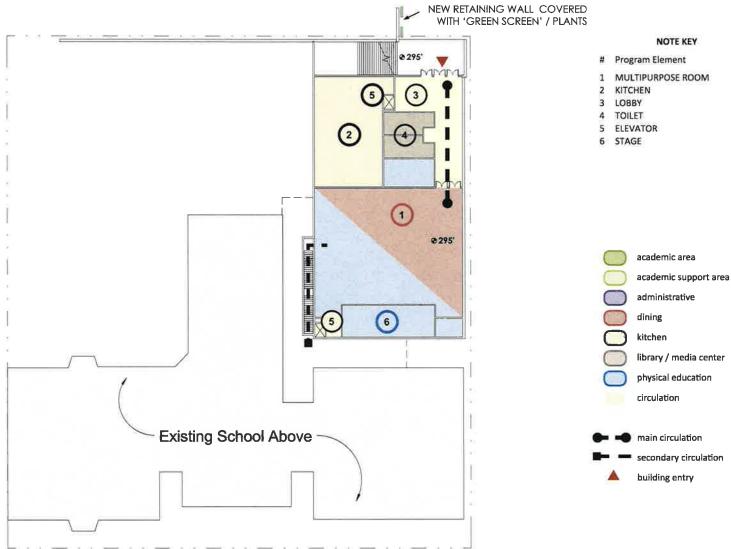
PLAY AREA





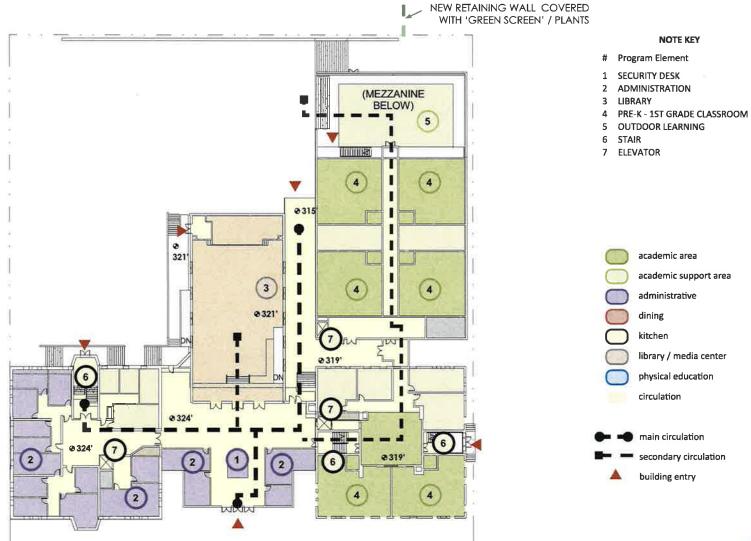


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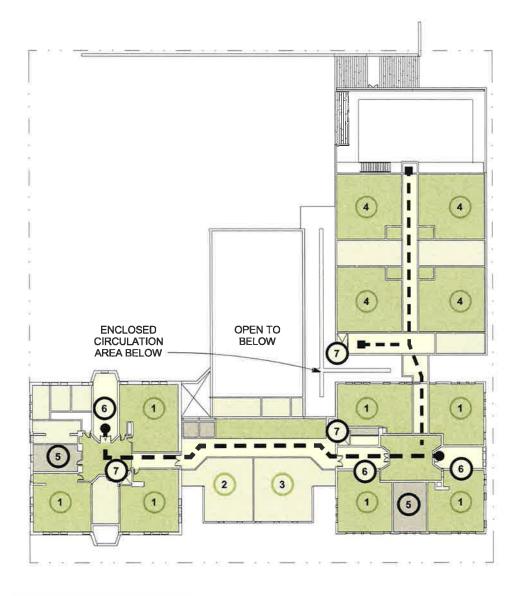












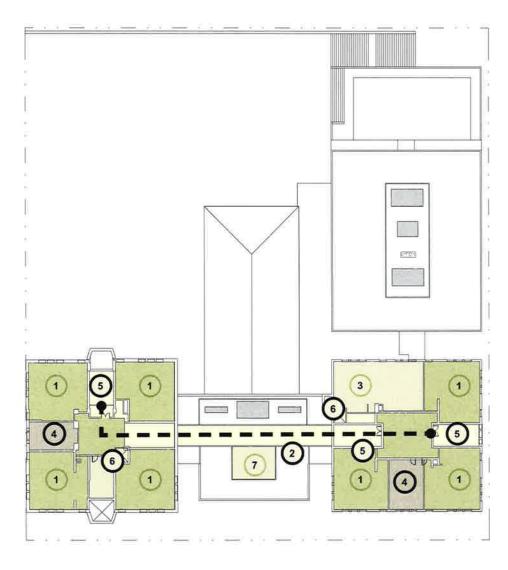
SCHEME C SECOND FLOOR

NOTE KEY

- # Program Element
- 1 2ND 5TH GRADE CLASSROOM
- 2 MUSIC
- 3 ART
- 4 PRE-K 1ST GRADE CLASSROOM
- 5 TOILET
- 6 STAIR
- 7 ELEVATOR









JOHN EATON ELEMENTARY SCHOOL MODERNIZATION FEASIBILITY ASSESSMENT District of Columbia Public Schools

NOTE KEY

- # Program Element
- 1 2ND 5TH GRADE CLASSROOM
- 2 CONNECTING CORRIDOR
- 3 SCIENCE
- 4 TOILET
- 5 STAIR
- 6 ELEVATOR
- 7 OUTDOOR LEARNING

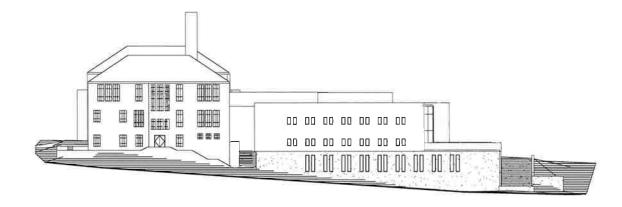




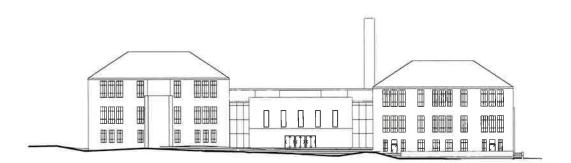
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	100		CLASS	ROOMS		1-1		
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Pre-K - Grade 1 Classroom	1115	1		1074	- 1		4.53N	
Pre-K - Grade 1 Classroom	1125	1		1158			2.93%	
Pre-K - Grade 1 Classroom	1125	- 1		1125	- 1		0.00%	
Pre-K - Grade 1 Classroom	1125	- 1		1126	1		0.09%	
Pre-K - Grade 1 Classroom	1125	- 1		1159	- 1		3.02%	
Pre-K - Grade 1 Classroom	1175	- 3		3158	- 1		2.93N	
Pre-K - Grade 1 Classroom	1125	- 1		1125	- 1		0.00%	
Pre-K - Grade 1 Classroom	1125	- 13	STATE OF THE PARTY	1126	- 1	E9411	0.09%	
Pre-K - Grade 1 Classroom	1125	- 3		1159	- 1		3.02%	
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Pre-K - Grade 1 Tollet	3.0	- 1		51		1000	2.00%	incl. in Classroom on plans
Pre-E - Grade 1 Yollet	10	- 1	300000	51		270		incl. in Classroom on plans
Pre-K - Grade 1 Torret	50	- 1		51			2.00%	Incl. in Classroom on plans
Pre-E - Grade 1 Toilet	50	- 1		51			2,00%	incl. in Classroom on plans
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e-K - Grade 1 Tollets		10	500			510		
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Grade 2-5 Classroom		- 1		921	1		2.33%	
Grade 2.5 Classroom	900	- 1		965	- 1	1000	7.22%	
Grade 2-5 Classroom	900	1		948	1	-	5.33%	
Grade 2-5 Classroom	900	- 1		904	1		0.44%	
Grade 2-5 Classroom					- 3		0.78%	
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rade 2.5 Clastenome trail Classrooms trail Classroom Space Room Description any Generating Resource / Small Group any Generating Resource / Small Group Crys Generating Resource / Small Group Outdoor Storage - Early Christhood Discovery Commons Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Special (01/ PT Special (01/ PT Special (01/ PT) Speci	450 430 200 1000 350 350 350 450 450 450 150 150 150	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24350 AGADEMY Total 55	8 nom Size 474 481.1 0 0 1245 3860 3860 3851 3851 450 4651 474 143 167 188 129 129 1332	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	74800 Total SF	\$ 33% \$ 44% \$100 00% \$4 50% \$3 00% \$1 11% 0.83% 4.72% 0.00% \$4 40% \$4 40% \$1 11% 4.67% 11.33% 25 33% 12.00%	Existing
rade 2.5 Clastenome trai Classrooms trai Classrooms trai Classrooms Room Description any Clementary Resource / Small Group any Clementary Resource / Small Group Outdoor Storage - Early Christhood Undoor Storage - Early Christhood Undoor Storage - Early Christhood Resource / Small Group Room Seeren / Gry / PT Seeren / Gry	450 430 200 2000 360 360 450 450 450 150 150 150 150	Oty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24350 ACADEMY Total 55	8nom Size 474 481 0 0 1245 3860 436 363 450 461 143 143 143 167 188 129 132 301	0ty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	5.37% 2.44% 1.00.00% 34.50% 53.00% 21.11% 0.00% 4.72% 4.67% 4.67% 11.33% 23.33% 12.00% 11.00% 11.00%	Existing
rade 2.5 Clastenomes trail Classrooms trail Classrooms Room Description and y Generating Resource / Small Group and y Generating Resource / Small Group and Outdoor Staring - Early Christhood Outdoor Staring - Early Christhood Resource/ Small Group Room Resource/ Small Group Room Resource/ Small Group Room Speech (01) FF Speech (02) FF Speech (03) FF Speech (04) FF Speech (05) FF Speech (04) FF	450 450 200 1000 2000 350 350 450 450 450 150 150 150 150 150	Oty 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	24350 ACADEM Total 55	Room Size 474 461 461 461 461 461 461 461 461 461 46	0ty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	5.33% 2.44% 100.00% 24.50% 83.00% 21.11% 0.83% 4.72% 0.00% 2.44% 5.33% 4.67% 11.33% 10.00% 11.33% 10.00% 11.33% 10.00% 10	Existing
raid 2.5 Clastenome trai Classrooms trai Classrooms Room Description Room Description Lady Clammatra Menousce Small Group Lady Clammatra Menousce Small Group Lady Clammatra Menousce Small Group Outdoor Starage - Early Christhood Discovery Commons Resource! Small Group Room Secret. GI PI Se	450 430 200 1000 350 350 350 450 450 150 150 150 300 300 300	Oty 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ACADEMIN Total 55	Room Size 474 4612 462 462 462 462 462 462 462 462 462 46	Oty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	5.33% 5.33% 100.00% 24.50% 53.00% 53.00% 53.00% 2.44% 4.27% 4.67% 4.67% 11.33% 25.33% 11.10% 11.10% 12.00% 12.00% 13.	Existing
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rade 7.5 Chiesrooms read Classrooms pread Classroom Space Room Description Lady Clammantary Resource Small Group Lady Clammantary Resource Small Group Lady Clammantary Resource Small Conduction Outdoor Statuse _ Early Chieshood Discovery Commantary Resource Small Group Manuare Cold Print Manuare Manuare Manuare Manuare Cold Print Manuare	450 450 1000 2000 350 350 350 450 450 450 150 150 150 300 300 200 200 200	Oty 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2-0350 ACADEMWITTOTAL 52	Room Size 474 481 481 481 481 481 481 481 481 481 48	Oty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	5.33% 5.32% 100.00% 83.00% 83.00% 11.11% 0.83% 4.72% 0.00% 2.44% 4.67% 4.67% 11.31% 25.33% 14.00% 11.00% 0.31% 12.00% 0.31% 4.00%	Existing
raide 2.5 Claserooms trail Classroom Space Room Description Larly Clammaray Resource / Small Group Larly Clammaray Resource / Small Group Carly Clammaray Resource / Small Group Outdoor Starage - Early Christhood Discovery Command Resource/ Small Group Groom Special Command Groom Special Command Groom Special Group Groom Teacher Collaboration Room Teacher Tollaboration Room Teacher Tol	450 450 1000 2000 350 350 350 450 450 450 150 150 150 300 300 200 200 200	Oty 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20350 ACADEMONDS Total 59	Room Size 474 481 481 481 481 481 481 481 481 481 48	Oty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total 55	\$ 3394 244% 100.00% 24.50% 33.00% 31.00% 24.11% 0.00% 2.44% 5.31% 4.67% 4.67% 11.33% 33.33% 12.00% 1	Existing
raise 2.5 Cliestrosms ptal Clasuroom Space Room Description Larly Commentary Resource Small Group Outdoor Startage - Early Childhood Discovery Commentary Resource! Small Group Room Special Forting Commentary Cortice Special Education Coordinator Office Resource Office Office Resource Office Resource Office Resource Office Re	450 450 1000 2000 350 350 350 450 450 450 150 150 150 300 300 200 200 200	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20350 ACADEMONTO	Room Steet	Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Total 55	5.33% 2.44% 2.44% 2.44% 2.450% 2.11% 0.00% 2.44% 5.33% 4.45% 4.45% 4.45% 11.33% 12.00% 0.33% 14.00% 0.33% 14.00% 0.33% 14.00% 0.33% 14.00% 0.33% 14.00% 0.33% 14.00% 0.33% 14.00% 0.33% 14.00% 14.00% 0.33% 14.00% 1	Existing

Boom Description	Room	Qty	Total SF	Moom Size	One	Total SF	Variance	Notes
floom Description		UEY	1003135		Qty	TOTAL SP		SECTES.
Library (Combined)	4150			4600	0		10.84%	
Reading/Learning/Circulation Room	2500	- 1		3924	1			
Makerspace	500	1		547	1			
Small Group / Conference Room	300	1	400 - 01					SF incl. in Library on plan
Small Group / Conference Room	300	- 1		1000	75 T			SF incl. in Library on plan
Combined Office / Workroom	400	1						SF incl. in Library on plan
Device Charging Room	150	1		129	- 1			
otal Library Spaces			4150			4600		
DOS DOS STY APPECES	_				_	1		
	_			AL ARTS	_	I I	Address Committee	
Room Description	Room	Qry	Total SF	Room Star	Qty	Total SF	Variance	Notes
Art Lab	1000	1		1166		-	16.4.0%	
Xiin Seom	60			61	1		1.67%	
Art Storage	150	. 1		150			0.00%	
otal Visual Arts			1210	- South		1377		
			PERFORMING	G ARTS SPACE	25			
Room Description	Room	Qty	Total SF	Room Size	Qty	Total SF	Variance	Notes
		401	TO(at 2F	991	101	TOUR JE		Pepula
General Music Room	900	- 1		991			10.11% 2.80%	
General Music Storage	250	1		757			2.80%	
otal Performing Arts Speces			1150	_		1248		
			PHYSICAL EDU	JCATION SPAR	CES	- 2		
Room Description	Room	City	Total SF	Room Size	Qty	Total SF	Variance	Notes
Gymnasium	5000		J					SF incl. in Multiourpour
Stage	#50	1						
Office	225	- 1		144	-		- 35006	
		- 1		100	-		-100,00%	
Staff Shower/ Kestroom / Locker	150							
Storage	400	- 1		396	;		-1.00%	
Chair Storage	225	- 1	7					
Ricycle Storage	150	- 1		.0	- 9		-100,00%	
Outdoor Stocean	200	-	-	0	- 0		-100.00%	discount along
otal Physical Education Spaces	- 0	_	7200	- OI		540		See site plan
on to produce of the					_	290	_	
			ADMIN	N SPACES				
Room Description	Room	Qty	Total SF	Room Size	City	Total SF	Variance	Notes
Entrance Lobby	Gross Up	Grass Up		- 100	E FRU			
Welcome Center	575	1		c			-100 00%	
Security Area	75		1.3.	27	1		2.67%	
Conference Room	200	1		297			48.50%	
Principal's Office	500	1		245	_		22.50%	
Agministrative Office	150	1	-	169	-		12.67%	
	150	1		160			6.67%	
Administrative Office								
Administrative Office	150	1		159			6.00%	
Administrative Workroom	400	- 1		414			3.50%	
Records Apom	150		The second		-			
Parent Resource Center	200			163			8.67%	
		1		231			15.50%	
Counselor's Office	150	- 1		731 203	-		15.50% 35.33%	
	150 150	1		231 203 196	-		15.50% 35.33% 32.00%	
Counscior's Office	150	1		231 203 196 277			15.50% 35.33%	
Counselor's Office Counselor's Office	150 150	1		231 203 196	-		15.50% 35.33% 32.00%	
Counselor's Office Counselor's Office Student Services Student Services	150 150	1 1		231 203 196 277			15.50% 35.33% 32.00% 18.00%	
Counselor's Office Counselor's Office Student Services Student Services Student Services Conference	150 150 150 150	1		231 203 196 277 190 279			15.50% 35.33% 32.00% 18.00% 26.67%	
Counselor's Office Counselor's Office Student Services Student Services Student Services Conference After School Program Office	150 150 150 200 300	1 1 1		231 203 198 177 190 279 313			15.50% 35.33% 32.00% 18.00% 26.67% 39.50% 4.33%	
Counselor's Office Counselor's Office Student Services Student Services Student Services Student Services Conference After School Program Office Stuff Lounge	150 150 150 150 200 300 450	1 1 1 1		231 203 198 177 190 279 313 501			15.50% 35.33% 32.00% 18.00% 26.67% 39.50% 4.33% 11.33%	
Counselor's Office Counselor's Office Student Services Student Services Student Services Student Services After School Program Office After School Program Office Staff Lounge Weilness / Luctation floom	150 150 150 200 300	1 1 1 1		231 203 198 177 190 279 313			15.50% 35.33% 32.00% 18.00% 26.67% 39.50% 4.33%	
Counselor's Office Counselor's Office Student Services Student Services Student Services Student Services After School Program Office After School Program Office Staff Lounge Weilness / Luctation floom	150 150 150 150 200 300 450	1 1 1 1	3950	231 203 196 277 190 279 313 501 298			15.50% 35.33% 32.00% 18.00% 26.67% 39.50% 4.33% 11.33%	
Counterior's Office Counterior's Office Student Services Student Services Student Services Student Services Conference After School Program Office Seaft Guarge Wellness / Lectation Room footal Admini Spaces	150 150 150 150 200 300 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3950 Student O	231 203 196 177 190 279 313 501 298		3974	15 50% 35 32% 31 00% 18 00% 26 67% 39 50% 4 33% 32 00%	
Counselor's Offer Counselor's Offer Counselor's Offer Student Services Student Services Student Services Conference After School Program Office Staff Lourge Wellings Luctation Room focal Admini South	150 150 150 200 300 450 150	1 1 1 1 1 1 1 1	3950	231 203 196 277 190 279 313 501 298			15.50% 35.33% 32.00% 18.00% 26.67% 39.50% 4.33% 11.33%	Notes
Counterfor's Office Counterfor's Office Student Services Student Services Student Services Student Services Student Services Conference After School Program Office South Teaming Wellness / Lectation Room Footal Admini Spaces Room Description Student Dining Area	150 150 150 200 300 450 150 Raion 3438	1 1 1 1 1 1 1 Ctty 0	3950 Student O	231 203 196 177 190 279 313 501 295 Room Size	Qty	3974 Total Sf	15 50% 35 33% 37 00% 18 00% 76 67% 39 50% 4 33% 31 33% 32 00%	Notes
Counselor's Offer Counselor's Offer Counselor's Offer Student Services Student Services Student Services Student Services Student Services Student Services After School Program Office Wellness / Lactation Room fortal Admini Spans Room Description Student Dring Area Multipurpose	150 150 150 200 300 450 150 8seen 3438 5000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3950 Student O	211 203 199 277 190 279 313 501 298 Inity: Services Room Size	Qty	3974 Total Si	15 50% 35 33% 37 009 18 009 18 009 26 67% 39 50% 4 33% 32 00% Variance	
Counterfor's Office Chanselor's Office Student Services Student Services Student Services Student Services Student Services Student Services After School Program Office Student Services Confidence Fortal Founge Weilness / Lectation Room Fortal Admini Spaces Room Description Student Dining Area Student Dining Area Multipurpose	150 150 150 150 200 800 450 150 Rakon 8500 850	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Student D Total SF	231 203 196 177 190 279 313 501 295 Room Size	Qty	3974 Total 55	15 50% 35 33% 37 00% 18 00% 76 67% 39 50% 4 33% 31 33% 32 00%	
Counselor's Offer Counselor's Offer Counselor's Offer Student Services Student Services Student Services Student Services Student Services Student Services After School Program Office Wellness / Lactation Room fortal Admini Spans Room Description Student Dring Area Multipurpose	150 150 150 200 300 450 150 150 800 3438 800 850	11 11 11 11 11 11 11 11 11 11 11 11 11	3550 Student D Total S	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	incl. in Multipurpose
Counterfor's Office Chanselor's Office Student Services Student Services Student Services Student Services Student Services Student Services After School Program Office Student Services Confidence Fortal Founge Weilness / Lectation Room Fortal Admini Spaces Room Description Student Dining Area Student Dining Area Multipurpose	150 150 150 150 200 800 450 150 Rakon 8500 850	11 11 11 11 11 11 11 11 11 11 11 11 11	3550 Student D Total S	231 202 198 277 190 279 313 501 298 Macon Stat 5069 837	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	
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Counselor's Offer Counselor's Offer Gounselor's Offere Student Services After School Program Office Staff Lourige Weiners / Lectation Room Octal Admini Space Room Description Shodent Diving Area Multipurpose Student Student / Table Student Student / Combination Kitchen / Combination Kitchen / Food Persparation	150 150 150 150 200 300 450 150 800 850 850 2216 650	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3550 Student D Total Si	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	incl. in Multipurpose Combined \$F incl. in Otchen on plan
Counselor's Office Chounselor's Office Student Services Student Services Student Services Student Services Conference After School Pregam Office Weilnass / Lectation Room Focal Admini Spaces Room Description Shaders Dining Area Multipurpose Student Commission Student School Preparation Serving Area Se	150 150 150 150 200 300 450 150 850 850 225 225 225 400	Cty 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3550 Student D Total Si	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	incl. in Multipurpose Combined SF incl. in Otchen an plan SF incl. in Otchen on plan
Counselor's Differ Counselor's Offere Gounselor's Offere Student Services Weiners / Lectation Room Octal Admini Space Room Description Shodent Diving Area Multipurpose Student Student (Combination Student / Full Student Student Student / Full Student Student Student (Complication Serving Area Dry Food Strange Dry Food Student	150 150 150 200 450 150 150 150 150 150 150 150 150 150 1	Csy	3550 Student D Total Si	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	inci. in Multipurpose Combined \$F inci. in Kitchen on plan \$F inci. in Kitchen on plan \$F inci. in Kitchen on plan
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Counselor's Offer Counselor's Offer Gounselor's Offere Student Services After School Program Office Student Services Student Services Welfors's / Lectation Room fortal Admini Spaces Room Description Shadent Diring Area Multipurpose Student Combination Student / Faiob Services Gother / Faiob Services Gother / Faiob Services Friend Faiob Services Dry Food Student Ware Walson Ware Walson Ware	150 150 150 200 800 450 159 850 850 225 2216 400 350 200 200 200 200 200 200 200 200 200 2	City 0.0	3550 Student D Total Si	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	tect, in Multipurpose Combined \$F inct. in Kitchen on plan
Counselor's Office Chouselor's Office Student Services Student Dining Area Multipurposes Student Dining Area Multipurposes Student Dining Area Multipurposes Student Dining Area Student Combined Student Services Student Services Student Services Student Services Student Services Servi	150 150 150 200 300 150 150 150 150 150 150 150 150 150 1	Ctsy	3550 Student D Total Si	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	Incl. in Multipurpose Combined SF Incl. in Richen on plan SF Incl. in Kitchen on plan
Counselor's Offer Counselor's Offer Gounselor's Offere Student Services After School Program Office Student Services Student Services Welfors's / Lectation Room fortal Admini Spaces Room Description Shadent Diring Area Multipurpose Student Combination Student / Faiob Services Gother / Faiob Services Gother / Faiob Services Friend Faiob Services Dry Food Student Ware Walson Ware Walson Ware	150 159 159 200 450 159 200 450 159 2150 850 2215 2216 400 350 350 250 250 250 250 250 250 250 250 250 2	Gty Gty G	3550) Stisfent O Total SJ	231 203 196 177 190 279 313 501 198 Room Size 5069 837 0	Qty	3924 Total 55	15.50% 35.33% 32.00% 18.00% 26.67% 33.50% 4.33% 32.00% Variance 1.36% 11.53% 20.00%	tect, in Multipurpose Combined \$F inct. in Kitchen on plan

SCHEME C PROGRAM RECONCILIATION TABULATIONS

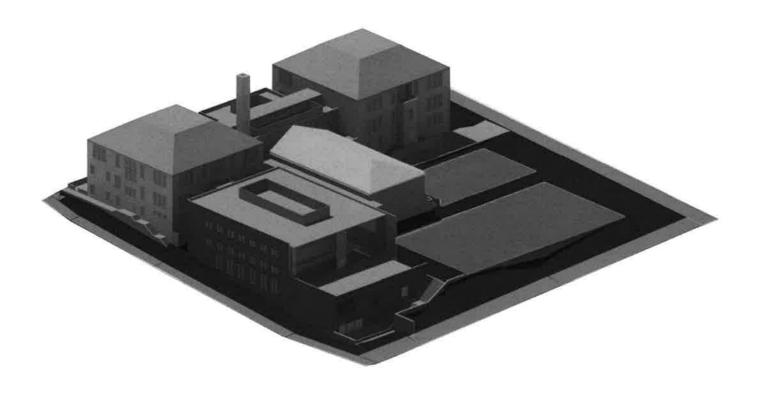


SCHEME C EAST ELEVATION



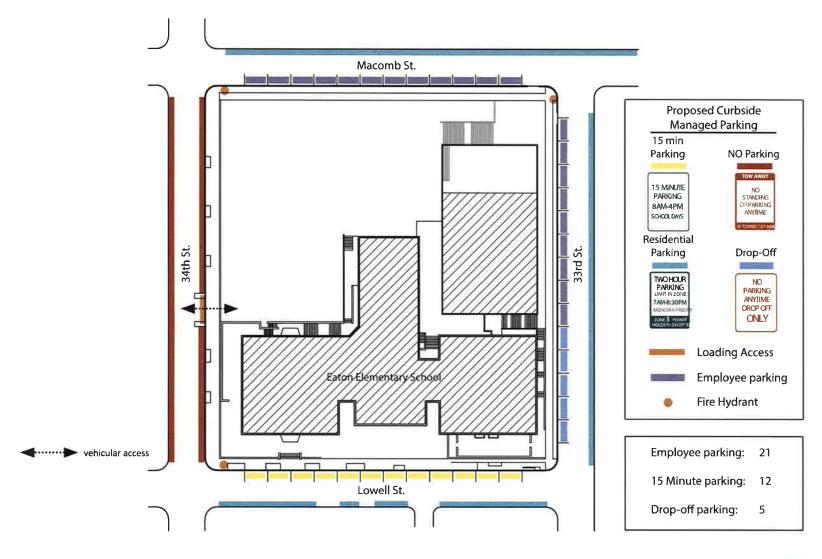
SCHEME C SOUTH ELEVATION

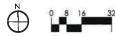




SCHEME C MASSING

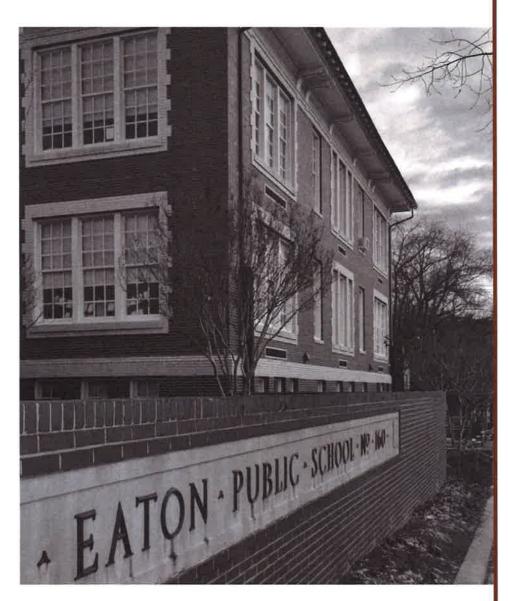






SCHEME C CURBSIDE MANAGED PARKING





JOHN EATON ELEMENTARY SCHOOL MODERNIZATION FEASIBILITY ASSESSMENT District of Columbia Public Schools

SCHEME C.1



SCHEME C.1

PRELIMINARY STORMWATER MANAGEMENT CALCULATIONS AND NARRATIVE

DOEE will consider Scenario B to be a substantial renovation and addition of the existing school with additional exterior land disturbance. The required stormwater retention volume [SWRV] is calculated below.

For the building

(42,000 SF) x (0.95 Impervious runoff coefficient) x (0.8 in / 12 in/ft) = 2,660 CF

Site disturbance is estimated to be about 15,000 SF. The layout is not currently ironed out so it will be assumed to be 50% impervious for this calculation. Thus, $(7,500 \text{ SF}) \times (0.95 \text{ Impervious runoff coefficient}) \times (1.2 \text{ in} / 12 \text{ in}/ft) +$

 $(7.500 \text{ SF}) \times (0.25 \text{ compacted cover runoff coefficient}) \times (1.2 \text{ in } / 12 \text{ in } / 11 \text{ in } / 1$

Total SWRV on private property is thus estimated to be about 3,560 CF.

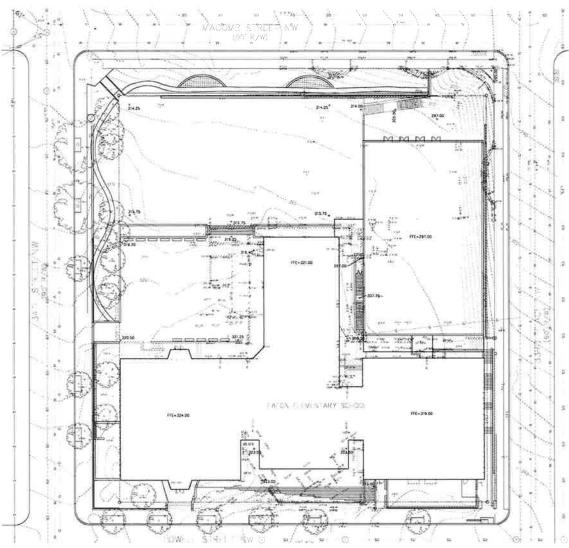
Due to the approximate nature of the topographic information currently available, it is not possible to depict detailed drainage areas. Nonetheless, Huska Consulting believes the SWRV could be met with one or a combination of the following strategies:

A light-weight, extensive (4" depth max.) green roof could be placed on much of the existing school, despite the sloped (gabled) nature of much of the roof, Huska Consulting assumes no more than perhaps 15,000 SF of the roof could be converted to green roof, If sized to retain the 1.7" storm event, this would yield about 2,000 CF.

Bioretention facilities could be placed at the perimeters of the north playground and sports field. Huska estimates the drainage area in the northern play areas could be sufficient to meet the SWRV requirements, especially if a trench drain is placed east of the small children's play area along the existing retaining wall. A typical bioretention cross section could be 1' of gravel, 3' of sail media, 3" of mulch, and 18" of ponding depth, With this cross section in mind and conservatively assuming the in situ soils do not percolate, the total square footage of bioretention needed to meet the requirements for the entire site would be about 2,250 SF. Note, this would likely require some portion of the building to be conveyed to the bioretention facilities.

A rainwater cistern could be installed inside the school building. The primary demand of the cistern would be to flush foilets. The source of the cistern would be from runoff from the school's roof and possibly the northern play areas, as well. Preliminary calculations suggest the cistern would be about 40,000 gallons.

Within public space, the retention required appears to be about $(2.000 \text{ Sf}) \times (0.95 \text{ Impervious runoff coefficient}) (1.2 in / 12 in / 15) = 190 \text{ CF}$ This could be met with bioretention facilities behind the sidewalk and/or by preserving some of the trees in public space adjacent to school property.



SCHEME C.1 CIVIL DESIGN



FEASIBILITY STUDY: SCHEME C:1

Scope

Similar to Scheme C, Scheme C.1 will involve modernizing and repurposing of existing building spaces within the 1890 and 1911 buildings, new construction in the location of the 1980 building, and adjoining new construction on the north part of the site. The footprint of new construction is approximately the same as for Scheme C, but program elements are situated differently within.

Discussion

Since the footprint of new construction is approximately the same as Scheme C, the amount of site open space reduction is approximated the same.

The only difference between Scheme C1 and C is the 12' wide service entry drive that comes in from the existing curb cut on $34^{\rm ln}$ Street,

Similar to Scheme C, the eastern edge is pushed out to the property line along 33rd Place by the new building component. There is also a north east corner plaza entrance to the building lower level at Macomb Street and 33rd Place. The configuration and size of the plaza is different than shown on Scheme C. There is a building overhong on top of the enlarged lower corner plaza. A diagonal set of stairs leads to the upper level sport field and outdoor space.

Parking is accommodated by curb-side spaces.

There is enlarged sports field and expanded 5-12 year play area (smaller than C due to the service drive). Younger children play area is accommodated at roof level next to lower grade classrooms in the new building. Outdoor seating are placed along the play areas. There are broad steps and low walls for level changes and can be used as seating as well.

Medium to small trees are placed in the planters that serve as field and arade separation.

In the front entry court, broad steps replace the existing retaining wall and open the school entrance to the neighborhood. The steps can be used as casual outdoor seating.

There will be street trees planting along all streets, especially on Lowell Street to provide shade to the south facing entry court.



SCHEME C.1 LANDSCAPE DESIGN





PLAY AREA



PLAY AREA



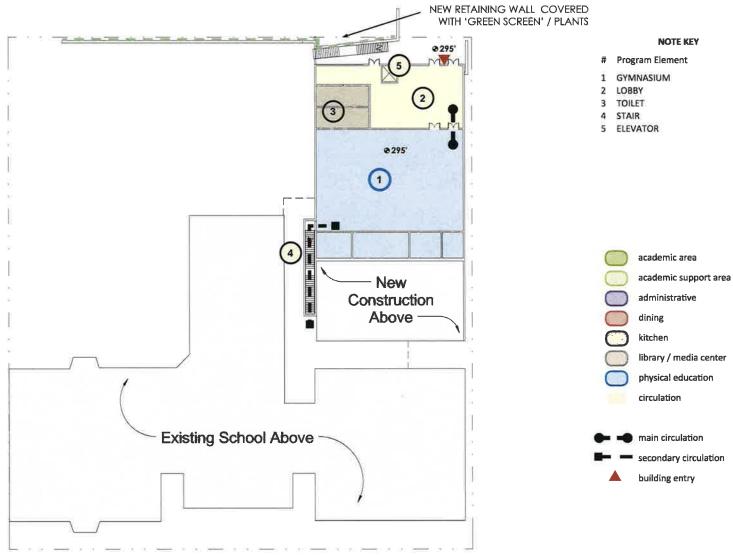
PLAY AREA



GREEN WALL AND LANDSCAPE STEPS AT NORTH ENTRY PLAZA

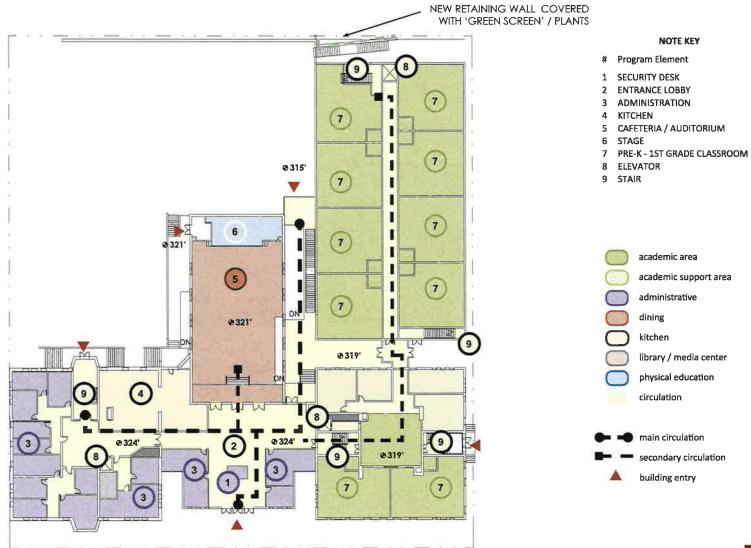


EQUIPMENT



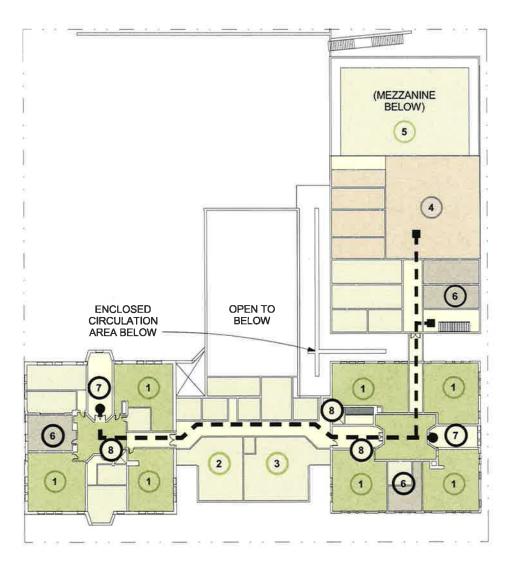














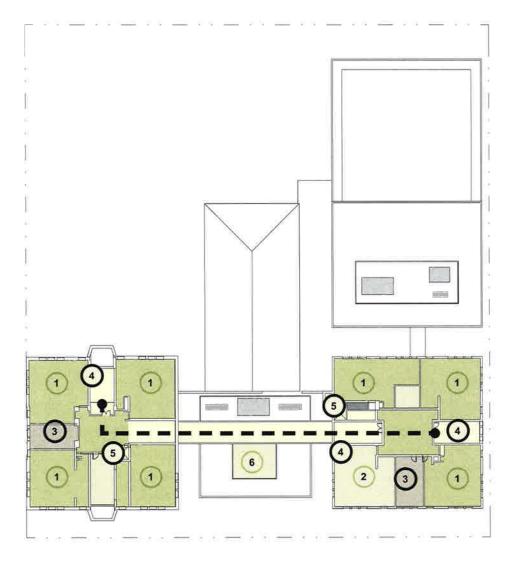
JOHN EATON ELEMENTARY SCHOOL MODERNIZATION FEASIBILITY ASSESSMENT District of Columbia Public Schools

NOTE KEY

- # Program Element
- 1 2ND 5TH GRADE CLASSROOM
- 2 MUSIC
- 3 ART
- 4 LIBRARY
- 5 OUTDOOR CLASSROOM
- 6 TOILET
- 7 STAIR
- 8 ELEVATOR









JOHN EATON ELEMENTARY SCHOOL MODERNIZATION FEASIBILITY ASSESSMENT District of Columbia Public Schools

NOTE KEY

- # Program Element
- 1 2ND 5TH GRADE CLASSROOM
- 2 CONNECTING CORRIDOR
- 3 SCIENCE
- 4 TOILET
- 5 STAIR
- 6 ELEVATOR
- 7 OUTDOOR LEARNING

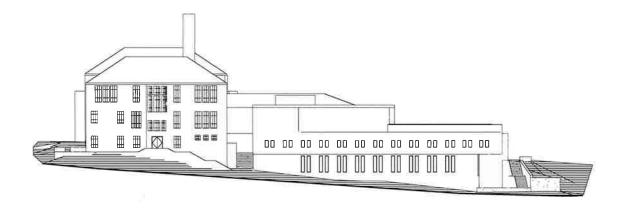




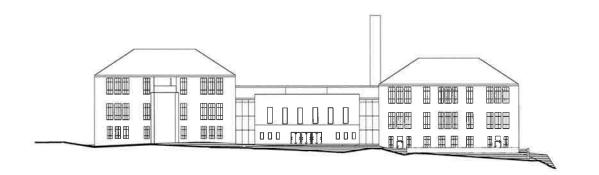
EATONES	EDSPE	<u> </u>					PTION (2.1
			ACADEM	IC SPACES				
			CLASSI	ROOMS		11 2		
Room Description	Room	Qty	Yotal SF	Room Size	Qty	Yotal SF		Notes
Pre-K - Grade 1 Classroom	1125	- 1		1080	- 1	201100.00		Existing
Pre-K - Grade 1 Classroom	1125	_ 1		1082	1			Existing
Pre-K - Grade 1 Classroom	1125	1		1125	1		0.00%	
Pre-K - Grade 1 Classroom								
Pre-K - Grade 1 Classroom Pre-K - Grade 1 Classroom	1125	- 1	-	1129	1	-	0.00%	
	1125	- 1		1125	1	-	0.00%	
Pre-K - Grade 1 Classroom Pre-K - Grade 1 Classroom	1125	- 1	-	1125	- 1	100	0.00%	
Pre-K - Grade 1 Classroom	1125	- 1		1125	- 1	1000	0.00%	
Pre-K - Grade 1 Classroom	1175	- 1		1156	- 1	1000	2.76%	
e-K - Grade 1 Classrooms	11123	10	11250	1136	10	11201	cren	
Pre-K - Grade 1 Tollet	50	1	414,50	51	10	12507	2000	Incl. in Classroom on plans
Pre-K - Grade 1 Toiles	30	1		51				Incl. in Classroom on plans
Pre-K - Grade 1 Tollet	50	1	10000	51			2.00%	Incl. in Classroom on plans
Pre-K - Grade 1 Toilet	50	-1		51				incl. in Classroom on plans
Pre K - Grade 1 Toilet		- 1		51		BALL		Incl. in Classroom on plans
Pre-K - Grade 1 Totet	10	- 3	Elicasa.	51			2.00%	Incl. in Classroom on plans
Pre K - Grade 1 Toilet	-50	1		51		1000		incl. in Classroom on plans
Pre K - Grade 1 Toilet	50	- 1		51				incl. in Classroom on plans
Pre-K - Grade 1 Tollet		- 1	-	51				Incl. in Classroom on plans
Pre-K - Grade 1 Tollet re-X - Grade 1 Toxiets	50	10	500	51	0	510	2.00%	Incl. in Classroom on plans
Grade 2-5 Classroom	900	10	300	984	- 0	210	9.33%	
Grade 2-5 Classroom	900	- 1		929	- 1		3.22%	
Grade 2-5 Classroom	900	- 1		974	- 1		8.22%	
Grade 2-5 Classroom	900	1		912	1	F3.75	1.33N	
Grade 2-5 Classroom	900	1		935	- 1		3.89%	
Grade 2-5 Classroom	900	- 1		965	1		7.22%	
Grade 2-5 Classroom	900	- 1		954	- 1		0.44%	
Grade 2-5 Classroom	900	- 3		871	1		3.22%	
Grade 2-5 Classroom	900	- 1		966	- 1		7.33%	
Grade 2-5 Classroom	900	1		990	- 1		10.00%	
Grade 2-5 Classroom	900	- 1		966	- 1		7.33%	
Grade 2-5 Classroom Grade 2-5 Classroom	900	1		902	- 1		0.22% 0.56%	
Grade 2-5 Classroom	900	- 1		911	- 3		1.22%	
rade 2-5 Classrooms	300	14			14	13114		The second second
otal Classroom Space			24350			24825		
	_		ACADEMI	C SUPPORT	_			
								100
Room Description	Room	Qty		Room Stan	Qty	Total SF	Variance	Notes
Early Elementary Resource / Small Group	Room 450	Qty 1			Qty 1	Total SF	-3.11%	
Early Elementary Resource / Small Group Early Elementary Resource / Small Group	450 450	1	Total SF	Room Size 436 368	1	10	-3.11% -18.22%	
Early Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood	450 450 200	1	Total SF	Room Size 436 368 0	1	10	-3.11% -18:22% -200.00%	Existing
Early Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab	450 450 200 1000	1 1 1	Total SF	800m Stat 436 368 0 985	1 0 1	10	-3.11% -38.22% -300.00% -1.50%	Existing
Carly Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab Discovery Commons	450 450 200 1000 2000	1 1 1 1	Total SF	800m Sixt 436 368 0 985 3860	0		-3.11% -38.22% -300.00% -1.50% 93.00%	Exiting Exiting Exiting Exiting
Early Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab Discourcy Commonly Resource/ Small Group Room	450 450 200 1000 2000 360	1 1 1 1 1	Total SF	800m Six 436 368 0 985 3860 358	1 0 1 1		-3.11% -18.72% -100.00% -1.50% -93.00% -0.56%	Exiting Leating Leating Exiting
Carly Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab Discovery Commons	450 450 200 1000 2000 360 360	1 1 1 1 1 1	Total SF	985 358 985 3860 3360 358 353	0		-3.11% -18.22% -100.00% -1.50% -33.00% -0.56% -0.83%	Existing Existing Existing Existing Existing
Early Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab Discourty Commonis Resource/ Small Group Room	450 450 200 1000 2000 360 360 360	1 1 3 1 1 2 1	Total S#	Room Size 436 368 0 985 3860 358 363	1 0 1 1 1		-3.11% -100.00% -1.50% -33.00% -0.56% -0.63% -5.00%	Exiting Exiting Exiting Exiting Exiting Exiting Exiting Exiting Exiting
Early Elementary Resource 5 Small Group Early Elementary Resource 5 Small Group Outdoor Storage - Early Chridhood Science Lab Discource Commonis Resource 5 small Group Room Secent (01 FF) Socoth (01 FF) Socoth (01 FF)	450 450 200 1000 2000 360 360 360 450	1 1 1 1 1 1	Total SF	985 358 985 3860 3360 358 353	1 0 1 1		-3.11% -18.22% -100.00% -1.50% -33.00% -0.56% -0.83%	Exiting Exiting Exiting Exiting Exiting Exiting Exiting Exiting Exiting
Early Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab Discourty Commonis Resource/ Small Group Room	450 450 200 1000 2000 360 360 360 450	1 1 3 1 1 1 1 1	Total S#	800m Stat 436 368 0 985 3860 358 363 342 451	1 1		-3.11% 18.22% -200.00% -1.50% -33.00% -0.56% -0.81% -5.00% -0.22%	Existing Existing Existing Existing Existing Existing Existing
Early Elementary Resource / Small Group Early Elementary Resource / Small Group Outdoor Storage - Early Childhood Science Lab Discource / Commonia Resource / Small Group Room Seption /	450 450 200 1000 2000 360 360 360 450 450 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	800m Size 436 368 0 985 3850 358 363 342 451 470 470	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% 18.22% -100.00% -1.50% 93.00% -0.61% -0.61% -0.62% -0.44%	Esiting Leating Leating Leating Esiting Esiting
Larly Elementary Resource / Small Cross Early Elementary Resource / Small Cross Outdoor Storage - Early Childhood Science is Discovery Commons Resource / Small Cross Room Resource / Small Cross Room / Cross Room Resource / Small Cross Room / Cross Room Resource / Cros	450 450 200 1000 2000 360 360 360 450 450 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yotal SF	Room Size 434 436 358 07 985 3860 3586 3591 451 470 470 152	100000000000000000000000000000000000000		-3.11% 18.22% -100.004 -1.50% -3.00% -0.56% -0.61% -5.00% -0.22% -4.44% -4.44% -1.33% -1.33%	Exiting Exiting Exiting Exiting Exiting Exiting Exiting
Larly Elementary Resource / Small Group Gurly Elementary Resource / Small Group Outdoor Storage - Early Childhood Science 1-30 Discource / Commonle Resource/ Small Group Room Seech / G/ / PT Social Group Room	450 450 200 1000 2000 360 360 360 450 450 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yotal SF	800m Sket 434 358 0 985 3860 358 363 342 451 470 470 152 152	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% -3.22% -1.50% -3.100% -3.100% -3.100% -3.100% -3.100% -3.100% -3.11% -3.100% -3.11% -3.100% -3.11% -3.100% -3.11% -3.100% -	Existing Existing Existing Existing Existing Existing Existing Existing
Larly Elimentary Resource / Small Cross Sarly Elementary Resource / Small Cross Outdoor Storage - Early Childhood Science of Small Cross Storage - Early Childhood Resource / Small Cross Room Resource / Crit / FT Special / Crit / FT Special (Crit / FT) Special (Court Room Room / Crit / FT) Special (Court Room / Crit / FT) Special (Court Room / Cross Room / Crit / FT) Special (Court Room / Cross Room / Crit / FT)	450 450 200 1000 2000 360 360 360 450 450 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yotal SF	Room State 436. 368. 0 985. 3860. 356. 363. 342. 451. 470. 470. 152. 152.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% -38.22% -30.00% -3.50% -0.81% -5.00% -0.22% -4.44% -1.33% -1.33% -1.00% -1.00%	Existing Existing Existing Existing Existing Existing Existing Existing
Carly Elementary Resource / Small Group Carly Elementary Resource / Small Group Outdoor Storage - Early Childhood Discovery Commonle Resource/ Small Caroup Room Seech / G1 / PT	450 450 200 1000 360 360 360 450 450 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room State 436 368, 0 933 3860 358 363 342 451 470 470 152 150 160 1651	3 0 3 1 1 1 1 1 1 1 1		-3.13% 18.22% -10.000% 93.00% 93.00% 9.68% 9.80% 9.22% 4.44% 1.33% 1.33% 1.000% -1.33%	Existing
Carly Elimontary Resource / Small Cross Sary Elementary Resource / Small Cross Outdoor Storage - Early Childhood Science - Small Cross Discovery Commonia Resource / Small Cross Poom Resource / Cross Poom	450 450 1000 2000 360 360 450 450 450 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	800m She 436 436 436 436 436 436 436 436 4470 470 157 157 150 169 149 149 149 149 149 149 149 149 149 14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.13% -38.22% -100,000% -1.50% -3.00% -0.56% -0.63% -5.00% -0.22% -4.44% -4.45% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -1.33% -0.00% -0	Existing Liviting Counting Counti
Larly Elementary Resource / Small Group Gurdson Storage - Early Childhood School Storage - Early Childhood School Storage - Early Childhood School Storage - Early Childhood Resource / Small Group Room Special / Gr / FF Special Caucation Goordinater Office Special Education Goordinater Office Teacher Collaboration Room	450 450 200 1000 2000 360 360 450 450 150 150 150 300	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Size 436 388 0 0 985 3860 358 3650 358 451 470 470 152 152 154 169 148 153 301	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-111% 18 27% 103,000% 93,00% 93,00% 93,00% 93,00% 93,00% 93,00% 94,44% 133% 113% 10,00% 10,00% 93,00% 10,00% 93,00% 10,00% 93,00	Existing Costing Costing Costing Costing Existing
Carly Elimentary Resource / Small Group Guideor Storage - Early Childhood Science of Science of Small Color Science of Small Color Resource / Small Color of Science Room Resource / Small Color of Science Room Resource / Small Color of Science Room Speech / Gr / PT Spee	450 450 200 1000 2000 360 360 450 450 150 150 150 150 150 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Slat 436 386 0 0 985 3860 358 3860 358 342 451 470 420 152 152 154 165 165 301 148	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-11% 1870% 150% 150% 150% 150% 150% 150% 150% 15	Existing Unitary Conting Conti
Larly Elimontary Resource / Small Cross Larly Elementary Resource / Small Cross Outdoor Storage - Early Childhood Science and Storage - Early Childhood Science and Storage - Early Childhood Resource / Small Group Room Resource / Small Group Special / Group Resource / Group R	450 450 200 1000 2000 360 360 360 450 450 150 150 150 150 300 150 300 300 300 300 300 300 300 300 300 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Size 436 384 0 985 3860 386 363 363 363 440 470 152 152 152 152 148 149 149 149 159 169 169 169 169 169 169 169 169 169 16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-11% 12%	Existing Costing
Carly Elimontary Resource / Small Group Outdoor Storage - Early Childhood Science and Storage - Early Childhood Science and Storage Storage - Early Childhood Science and Storage Storage Storage Storage Resource / Small Group Room Resource / Small Group Room Resource / Small Group Room Seech / Orl / PT Seech	450 456 200 2000 360 360 450 450 150 150 150 150 300 300 300 300 300 300 300 300 300 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Sian 436 436 0 0 385 3860 3860 358 342 470 470 420 152 152 152 165 148 153 301 420 1030	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% 18.27% -10.000% -1.50% -0.55% -0.81% -5.00% -0.27% -0.27% -1.31%	Existing
Carly Elementary Resource / Small Crous Early Elementary Resource / Small Crous Outdoor Storage - Early Childhood Science Lab Biscovery Commons Resource / Small Croup Room Resource / College / Small Croup Special Education Coordinator Office Special Education Coordinator Office Feed Education Room Feeder Collaboration Room	450 450 200 1000 360 360 360 450 450 450 150 150 150 350 150 300 300 300 300 300	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Sias 436 388 0 985 3860 3860 363 363 343 451 152 152 152 152 153 303 203 203 203 203 203 203 203 203 20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% 18776	Existing
Early Elementary Resource / Small Group Eurly Elementary Resource / Small Group Outdoor Storage - Early Childhood Below - Science 1 sh Resource / Small Croup Room Special Colling For Special Colling Textbook / Colliboration Room Textbook / Cant Storage	450 450 200 1000 360 360 360 450 450 150 150 150 360 450 350 360 360 450 350 360 360 450 350 360 360 360 360 360 360 360 360 360 36	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Slat	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% 18.27% 18.27% 18.27% 18.27% 19.000% 15.00% 15.00% 18.20% 18	Existing
Lariv (Ementary Resource / Small Group Garly (Benetary Resource) / Small Group Guideor Storage - Early Childhood Science Lab Discovery Commonia Resource / Small Care on Special / Gir / PT Special / Gir / PT Special / Gir / PT Special (Liucation Coordinator Office Special (Liucation Coordinator Office Special (Liucation Coordinator Office Special (Liucation Coordinator Office Teather Collaboration Room Teather Collaboration Room Teather Collaboration Room Teathook / Cart Storage Tentook / Lart Storage	450 450 1006 1006 360 360 450 450 150 150 150 300 300 300 200 200 200 200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Sias 436 388 0 985 3860 3860 363 363 343 451 152 152 152 152 153 303 203 203 203 203 203 203 203 203 20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% 18776	Existing Covering Coveri
Early Elementary Resource / Small Group Eurly Elementary Resource / Small Group Outdoor Storage - Early Childhood Below - Science 1 sh Resource / Small Croup Room Special Colling For Special Colling Textbook / Colliboration Room Textbook / Cant Storage	450 450 1000 2000 360 360 450 450 150 150 150 150 150 150 150 200 200 200 200 200 200 200 200 200 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total SF	Room Slat	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-3.11% 18.27% 18.27% 18.27% 18.27% 19.000% 15.00% 15.00% 18.20% 18	Existing

Barrio Branchista	Brian	-		SPACE5	- 0-	Total St. I	William	William .
Room Description	Room	Oty	Total SF	Room Size	Qty	Total 57		Notes
Library (Combined)	4150	_	1/11/200	4497	9		1.36%	
Reading/Learning/Circulation Room	2500	- 1	-1-2	2717	_ :			
Makerspace	500	1	The Party	547	1			
Small Group / Conference Room:	300		100	319	1			
Small Group / Conference Room	300	1		313	:		1000	
Combined Office / Workroom	400			401	;			
Device Charging Room	150	- 1		200	1			
tal Library Spaces			4150			4497		
			MISTO	LARTS				
Room Description	Room	Qty	Total SF	Room Slag	Qty	Total SF	Variance	Motes
Artiab	1000	- Carry	TOTAL ST	1211	- Mary	TO SET JE	21.10%	TO SECOND
Kin Room		- 1		1444	-		44.100	A MINISTER CONTRACTOR CONTRACTOR
	150	- 1	-	\rightarrow				SF incl. in Art isn plan
Art Storage	150	-			_	1211		SF Incl. in Art on plan
ai Visuai Arts	_		1210		_	12011		
			PERFORMING		5			
Room Description	Room	Oty	Total 5F	Room Size	Qty	Total SF	Variance	Notes
General Music Room	900	1		904	1	100	0.44%	
General Music Storage	250	1	100000	282	1	200	12.80%	
ail Performing Arts Spaces	-		1150			1186		
	_	_		CANDONE	200			
	-		PHYSICAL EDU				- Handania	
Room Description	Room	Qty	Total SF	Room Size	tity	Total SF	Variance	Motes
Gymnasium	4200	. 0		4205	1		0.12%	
Stage	850	- 1				-100-1		
Office	225	1	(a)	225			0.00%	
Staff Shower/ Restroom / Locker	150	1		150	1		0.00%	
Storage	400	1		403			0.75%	
Chair Storage	225			252	1		17.00%	
flicycle Storage	150	1			- 0		-100,00%	
Outdoor Storage	200	- 1		- 0			-100,00%	and the pro-
Playerounds	- 0	;			0		200	See site plan
tal Physical Education Spaces	-		5400			5235		
			ADMIN	SPACES	-	100	1,100	The second second
				A Charles of the last	-			E-
Room Description	Hoorn	Qty	Yotal SF	Room Size	Qty	Total SF	Variance	Notes
Entrance Lobby					- 1			
Welcome Center	575	1	-	. 0			-100,00%	
Security Area	75	- 1	1	77	1		2.67%	
Conference Room	200	1	100	290	1		45.00%	
Principal's Office	200	1		240			20.00%	
Administrative Office	190	1	1000	169			12.57%	
Administrative Office	150	- 1		160	1		6.67%	
Administrative Office	150			163	:		8.67%	
Administrative Workroom	400	1	7-5-010	415	1		3.75%	
Records Room	150		(F-20)	163	- 3		8.67%	
Parent Resource Center	200	- 1		231	- 1		15.50%	
Counselor's Office	150	- 1		210	- 1		40.00%	
Counselor's Office			- U U					
	150			198	- 1		32.00%	
Student Services	150			177			32.00% 18.00% 30.62%	
Student Services Student Services	150 150			177 196			18.00% 30.67%	
Student Services Student Services Student Services Conference	150 150 200			177 196 279			18.00% 30.67% 33.50%	
Student Services Student Services Student Services Conference After School Program Office	150 150 200 300	1 1 1 1		177 196 279 313			18.00% 30.67% 33.50% 4.33%	
Student Services Student Services Student Services Conference After School Program Office Staff Lounge	150 150 200 300 450	1 1 1 1		177 196 279 313 454			18.00% 30.67% 33.50% 4.33% 0.89%	
Student Services Student Services Student Services Contenence After School Program Office Staff Lounge Wellness / Lactation Room	150 150 200 300	1 1 1 1		177 196 279 313			18.00% 30.67% 33.50% 4.33%	
Student Services Student Services Student Services Student Services Contenence After School Program Office Staff Lounge Wellness / Lactation Room	150 150 200 300 450	1 1 1 1	1910	177 196 279 313 454 199			18.00% 30.67% 33.50% 4.33% 0.89%	
Student Services Student Services Student Services Student Services Contenence After School Program Office Staff Lounge Wellness / Lactation Room	150 150 200 300 450	1 1 1 1		177 196 279 313 454 199		3534	18 00% 30 67% 33 50% 4 33% 0.89% 32 67%	
Student Services Student Services Student Services Student Services Contenence After School Program Office Staff Lounge Wellness / Lactation Room	150 150 200 300 450	1 1 1 1		177 196 279 313 454			18.00% 30.67% 33.50% 4.33% 0.89%	Notes
Student Services Seudent Services Seudent Services Continence After School Program Office After School Program Office Staff Lounge Weilness / Lactation Room tal Admitt Spaces	150 150 200 300 450 150	1 1 1		177 196 279 313 454 199		3534	18 00% 30 67% 33 50% 4 33% 0.89% 32 67%	Notes 5F Incl. in Multipurpose
Student Services Student Services Student Services Student Services Conference After School Program Office Wellness / Lactation Room sat Admin Spaces Room Description	150 150 200 300 450 150	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		177 196 279 313 454 199		3534 Total SF	18 00% 30 67% 33 50% 4 33% 0.89% 32 67%	
Student Services Student Services Student Services Student Services Contraren Alter School Program Office Weines / Lactarion Room al Admin Space Room Description Student Oring Area Multiporpose Multiporpose	150 150 200 300 450 130 Raoms	Qey C		177 196 279 313 454 199 Hing Services	Cey	3534 Total SF	18 00% 30 67% 33 50% 4 33% 0.89% 32 67%	SF Incl. in Multipurpose
Student Services Student Services Student Services Student Services Conference After School Program Office Weithess / Lactation Room ast Admits Spaces Room Description Student Driving Area Multipurpose Stage Stage Stage	150 150 200 300 450 130 800m 3438 5000 850	Gey C		177 196 279 313 454 199 Hing Services	Chy	3534 Total SF	18 00% 30 67% 33 50% 4 33% 0.89% 32 67%	SF Incl. in Multipurpose Existing
Student Services Student Services Student Services Student Services Student Services Conference Alter School Program Office Weiness / Lactarien Room al Admini Spaces Room Description Student Online Area Multiparpase Studen Chair / Table Storage Chair / Table Storage	150 150 200 300 450 150 8aon 3438 5000 850 225	Qey O		177 196 279 313 454 199 Hing Services	Chy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF incl. in Multipurpose Existing SF incl. in MPR on plan
Student Services Student Services Student Services Student Services Conference After School Program Office Weithess / Lactation Room as Authinia Spaces Room Description Student Drining Area Multipurpose Stage Chair / Table Sprange Kitchen (Consiliend)	150 150 200 300 450 150 8aom 3438 5000 850 225 2210	GET 0		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Incl. in Multipurpose Desting SF Incl. in MPR on plan Combined
Student Services Student Services Student Services Student Services Contenent After School Program Office Staff Lounge Weiness / Lactation Room tal Admits Spaces Room Description Student Oning Area Multipurpose Student Oning Area Chair / Table Storage Kätchen (Combined) Extens / Food Preparation	150 150 200 300 450 150 8aon 3438 5000 823 223 2210	Qry O 1 1 1 1 1 1 1 1 1		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Incl. in Multipurpose Existing SF Incl. in MPR on plan Combined SF Incl. in Kitchen on plan
Student Services Student Services Student Services Student Services Conference After School Program Office Winness / Lactation Room cal Adminis Spaces Room Description Student Driving Area Multipurpose Student Student Student Kitchen (Condined) Extens / Student Student Extens / Scotl Pragaration Serving Area Serving Area	150 150 300 300 450 150 8aon 3418 5000 850 2215 400	Gry 0		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Inci. In Multipurpose Existing SF Inci. In MPR on plan Combined SF Inci. In Kitchen on plan SF Inci. In Kitchen on plan SF Inci. In Kitchen on plan
Student Services Student Services Student Services Student Services Student Services Student Services After School Program Office Weitness / Lactarion Room cal Admint Spaces Room Description Student Online Area Multiparpase Student Student / Table Services Kitchen (Combined) Extent / Tood Preparation Serving Area Dry Food Serving Area Dry Food Serving Area	150 150 300 450 150 150 8aon 3418 5000 850 225 225 400 450	Gty 0		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Incl. in Multipurpose Existing SF Incl. in MPR on plan Combined SF Incl. in Kitchen on plan SF Incl. in Kitchen on plan
Student Services Student Services Student Services Student Services Conference After School Program Office Wichess / Lactation Room tal Admiss Spaces Rooms Description Student Draing Area Multipurpers All / Table Storage Mitten (Combined) Extens / Food Preparation Serving Area Dry Food Storage Fretzer / Cooler	150 150 200 300 450 150 150 243 500 550 223 650 450 225 2210 650 250 250 250 250 250 250 250 250 250 2	Qty		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Incl. in Multipurpose Existing SF Incl. in MPR on plan Combined SF Incl. in Mitchen on plan SF Incl. in Mitchen on plan
Student Services Student Diving Area Multipurpose Student Diving Area Student Student Diving Area Student Student Diving Area Student	150 150 200 450 150 450 150 150 150 150 150 150 150 150 150 1	Gey 00 11 10 00 11 11 11 11 11 11 11 11 11		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Inci. In Multipurpose Existing SF Inci. In MPR on plan Combined SF Inci. In Kitchen on plan SF Inci. In Kitchen on plan
Student Services Student Services Student Services Student Services Contenence After School Program Office Weithess / Lactation Room Cal Admiss Spaces Room Description Student Draing Area Multipurpose Chair / Table Storage Kitchen / Food Preparation Service Area Dry Food Storage Frecar; Color Frecar Color German Storage Color Storage Frecar; Color Ware Washing Coloring Storage Color Ware Washing Coloring Storage Coloring Coloring Coloring Coloring Coloring Colo	150 200 300 450 150 150 8000 850 225 225 400 350 250 650 660 660 660 660 660 660 660 660 6	Cary Cary		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	55 Incl. In Multipurpose. Existing 55 Incl. In IMPR on plan Combined 55 Incl. In Ritchen on plan
Student Services After School Program Office Staff Lounge Weiness / Lactation Room cal Admits Spaces Room Description Student Online Area Stage Chair / Fault Stocking Extens / Fault Strong Area Dry Food Storage Freezer / Coulter Water	150 150 200 450 150 450 150 150 150 150 150 150 150 150 150 1	Qxy O O O O O O O O O		177 196 279 313 454 199 Hote Services Room Stre	QEy	3534 Total SF	18 00% 30 67% 33 50% 4 33 N 0 89% 32 67% Variance	SF Inci. In Multipurpose Existing SF Inci. In MPR on plan Combined SF Inci. In Kitchen on plan SF Inci. In Kitchen on plan

SCHEME C.1 PROGRAM RECONCILIATION TABULATIONS

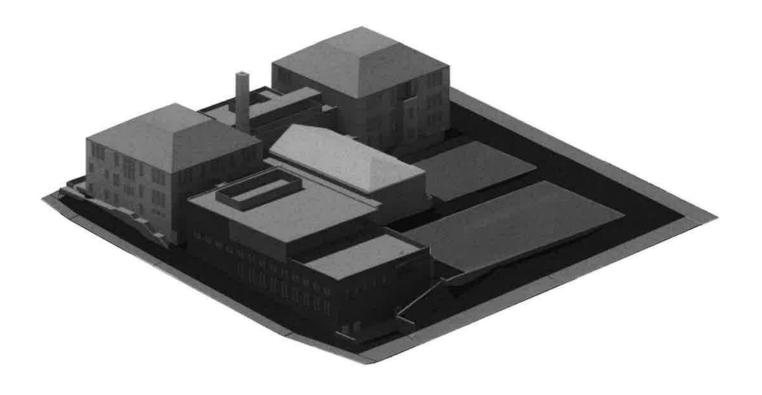


SCHEME C.1 EAST ELEVATION



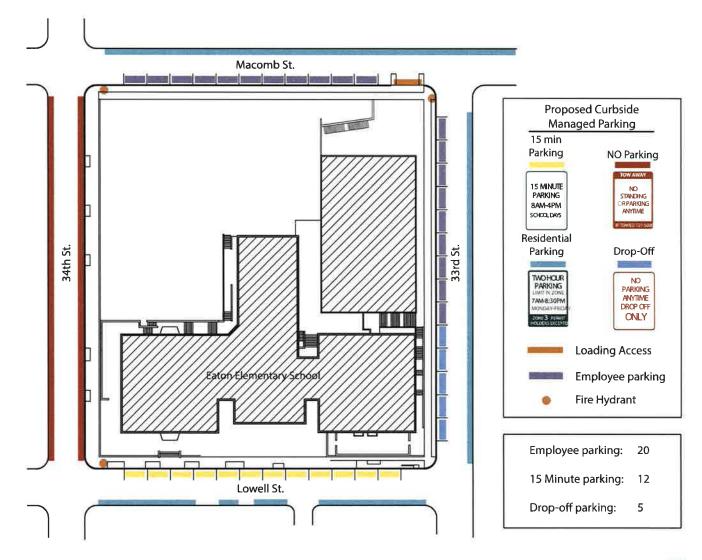
SCHEME C.1 SOUTH ELEVATION





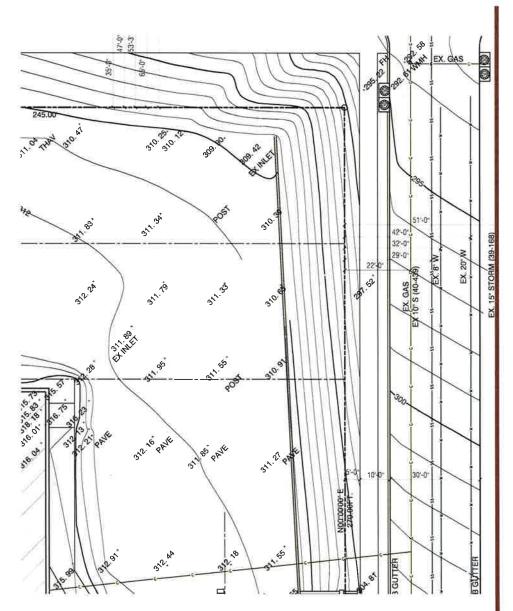
SCHEME C.1 MASSING





SCHEME C.1 CURBSIDE MANAGED PARKING

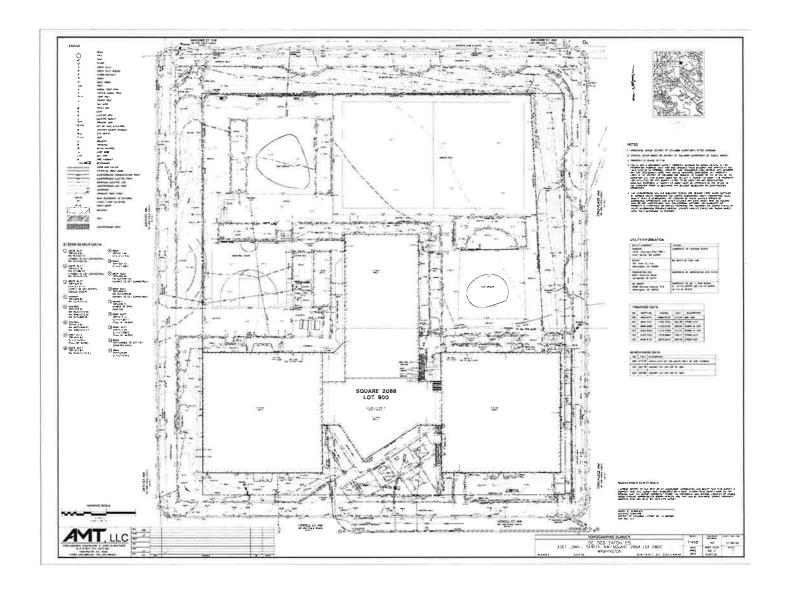




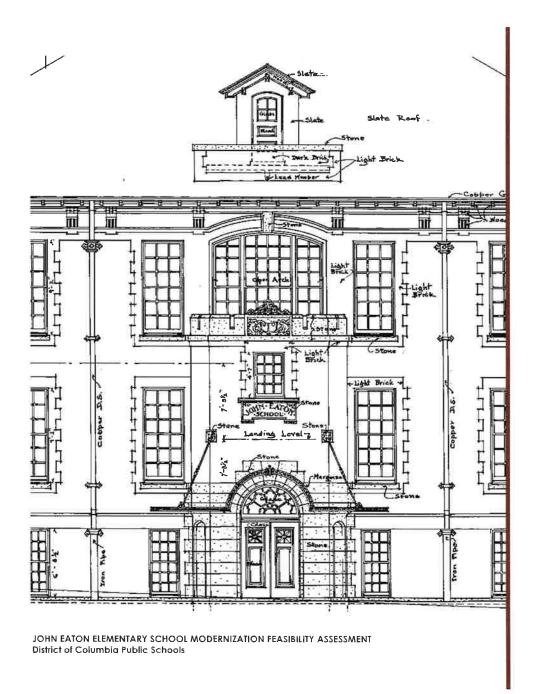
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CURRENT SITE TOPOGRAPHICAL SURVEY



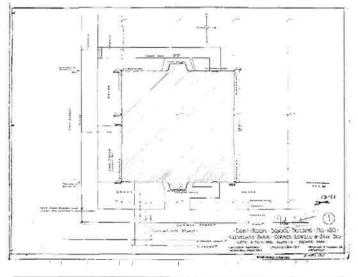


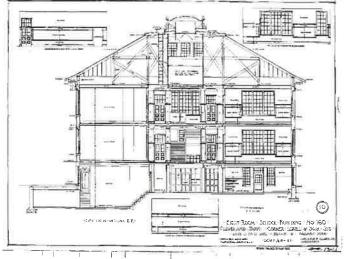


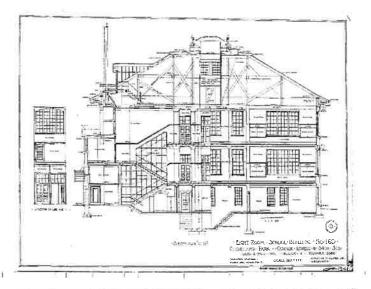


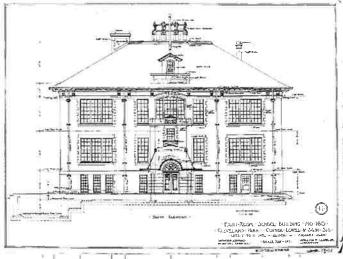
APPENDIX 1: SELECTED HISTORIC DRAWINGS



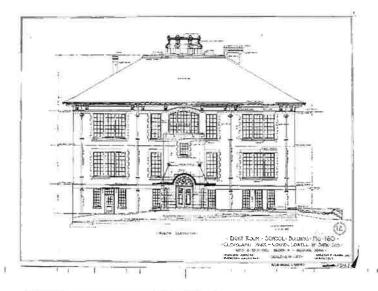


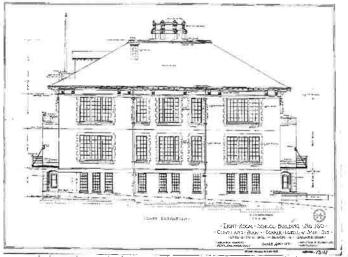


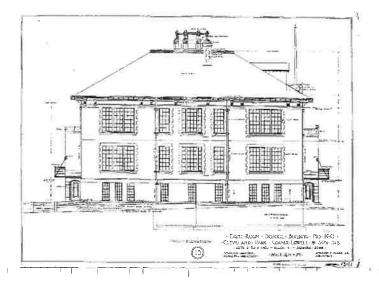


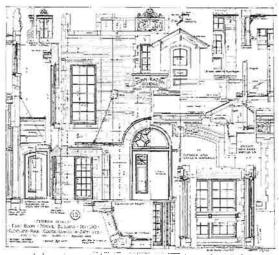


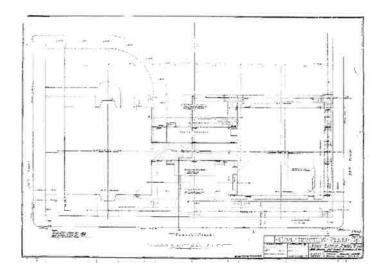
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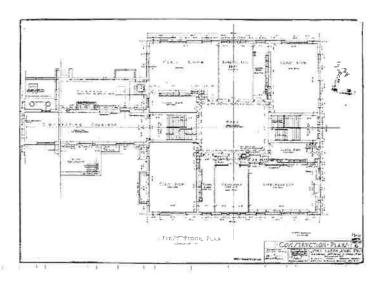


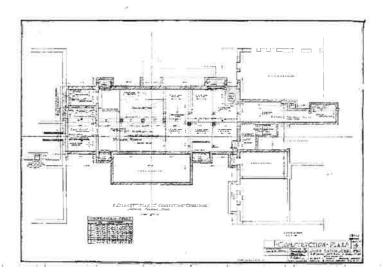


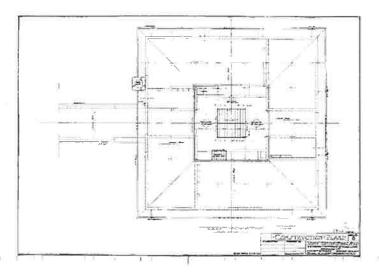




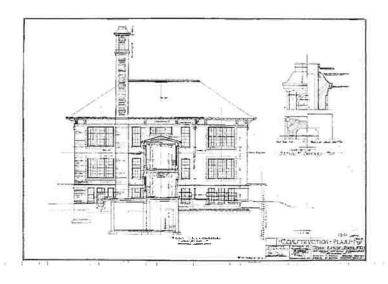


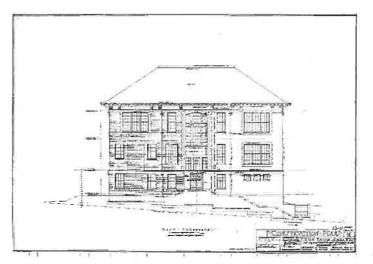


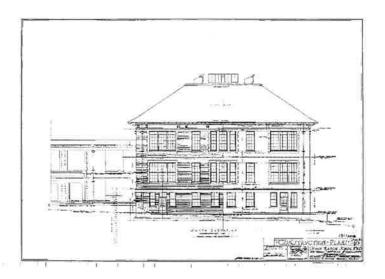


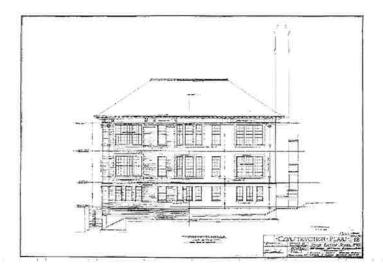


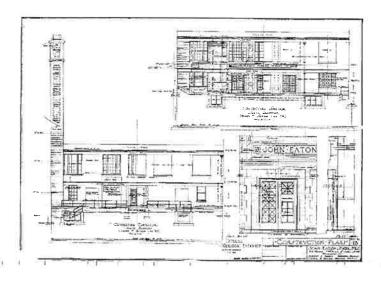
Connector & East Building Drawings (c 1922)

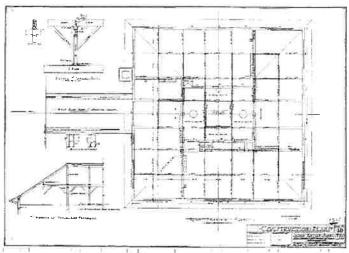


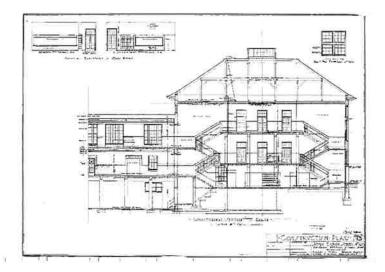


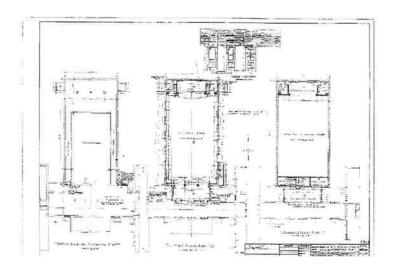


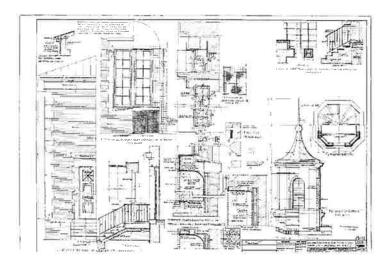




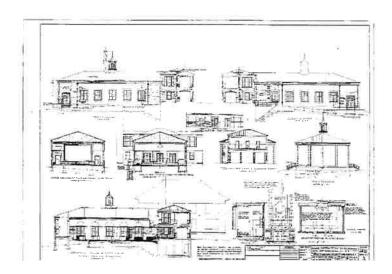




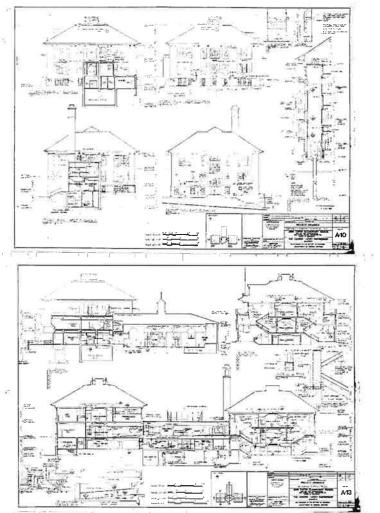


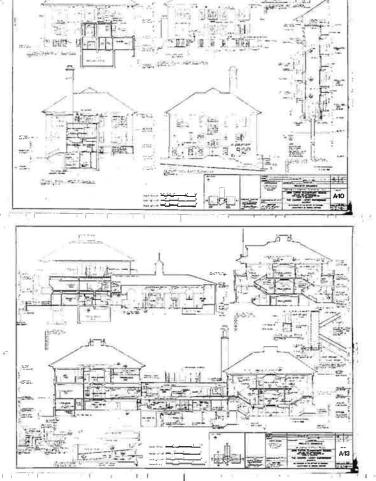


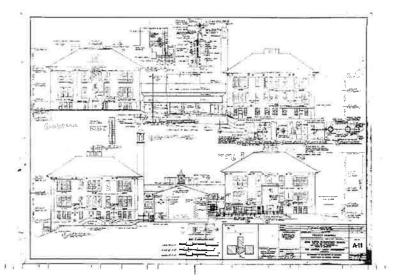
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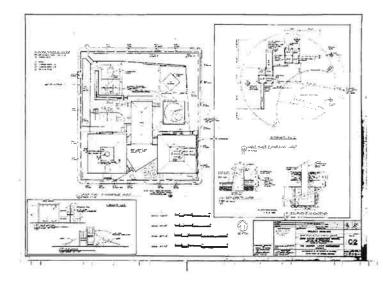












New Connector & Renovation Drawings (c 1980)