Conceptual Design Cost Plan January 22, 2018



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Prepared for:

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## **Basis of Estimate**

#### **Baseline Documentation**

This estimate is based on the following documents:

1 Sequim Library Conceptual Design Package - January 9, 2018

#### Other Costs Not Included In This Estimate

The following additional costs have been identified as being required to complete this project, and are not included in this cost plan.

1 Project construction contingency; required to accommodate change orders, unforeseen conditions, etc.

2 Project soft costs - design and project management fees, taxes and use fees levied by local jurisdictions and the like

Ονε	erall Summary			
		SF	\$/SF	TOTAL
B1	Building Option 1	16,175	408.66	6,610
TOTA	AL BUILDING	16,175	408.66	6,610
S1	Site Option 1	83,700	12.58	1,053
TOTA	AL SITE			1,053
GRA	ND TOTAL			7,663
Z30	Escalation To Midpoint Included Above			0
REC	DMMENDED BUDGET			7,663
B2	Building Option 2	17,235	456.11	7,861
TOTA	AL BUILDING	117,110	67.12	7,861
S2	Site Option 2	83,700	12.57	1,052
TOTA	AL SITE			1,052
GRA	ND TOTAL			8,913
Z30	Escalation To Midpoint Included Above			0
REC	OMMENDED BUDGET			8,913

Building Option 1 Areas & Control Quantities					
	SF			SF	
Areas					
Structured Areas					
Existing	6,050				
Expansion	10,125				
TOTAL GROSS FLOOR AREA	16,1	75			
Control Quantities				Ratio to GFA	
Control Quantities				Ralio lo GFA	
Number of Stories (x1,000)		1	EA	0.062	
Gross Floor Area		16,175	SF	1.000	
Covered Area		1,618	SF	0.100	
Gross Wall Area		14,644	SF	0.905	
Finished Wall Area		14,644	SF	0.905	
Windows or Glazing	4	5% 6,597	SF	0.408	
Roof Area - Flat		0	SF	-	
Roof Area - Sloping		17,793	SF	1.100	
Roof Area - Total		17,793	SF	1.100	
Roof Glazing Area		250	SF	0.015	

Buil	ding Option 1 Summary				
			%	\$/SF	TOTAL
			Gross Area:	16,175 SF	
A10	Foundations		4%	16.15	261
A20	Basement Construction		0%	0.00	0
А	Substructure		4%	16.15	261
B10	Superstructure		3%	13.77	223
B20	Exterior Enclosure		6%	25.97	420
B30	Roofing		4%	17.84	289
В	Shell		14%	57.58	931
C10	Interior Construction		4%	16.04	259
C20	Stairways		0%	0.00	0
C30	Interior Finishes		3%	10.43	169
С	Interiors		6%	26.47	428
D10	Conveying Systems		0%	0.00	0
D20	Plumbing Systems		2%	6.68	108
D30	Heating, Ventilation & Air Conditioning		8%	31.91	516
D40	Fire Protection		1%	4.43	72
D50	Electrical Lighting, Power & Communications		8%	30.65	496
D	Services		18%	73.66	1,192
E10	Equipment		0%	1.64	27
E20	Furnishings		3%	10.76	174
Е	Equipment & Furnishings		3%	12.40	201
F10	Special Construction		0%	0.00	0
F20	Selective Demolition		1%	3.56	58
F	Special Construction & Demolition		1%	3.56	58
BUILD	DING ELEMENTAL COST BEFORE CONTINGENCIES		46%	189.83	3,071
Z11	GL & Bond	1.25%	1%	2.37	38
Z12	General Requirements	8.00%	26%	104.32	1,687
BUILD	DING ELEMENTAL COST INCLUDING CONTINGENCIES		73%	296.53	4,796
Z21	Design Contingency	15.00%	11%	44.48	719
Z22	Escalation	13.24%	11%	45.17	731
MACC			94%	386.17	6,246
Z30	Fee	4.00%	4%	15.72	254
RECO	DMMENDED BUDGET		100%	408.66	6,610

Building Option 1	Quantity	Unit	Rate	Total
10 Foundations				
A1010 Standard Foundations	6,050	SF	28.36	171,5
Reinforced concrete including excavation	0,000		_0.00	,e
Allowance for standard foundations	10,125	SF	10.00	101,2
Allowance for work at shared foundation	41	LF	100.00	4,1
Foundation walls at perimeter	1,342	SF	25.00	33,5
Bituminous Dampproofing To Foundation Walls	1,464	SF	7.00	10,2
Below grade wall insulation - XPS	1,464	SF	4.00	5,8
Perimeter Drainage	488	LF	17.00	8,2
A1030 Slab On Grade	6,050	SF	14.82	89,6
Slab on grade	10,125	SF	8.00	81,0
Separation joint at existing	41	LF	150.00	6,1
Housekeeping pads, curbs, etc.	1	LS	2,500.00	2,5
-				261,2
20 Basement Construction				
A2010 Basement Excavation				
None anticipated				
-				
310 Superstructure				
B1020 Roof Construction	11,138	SF	20.00	222,7
Timber framed (Glulams, purlins and plywood) roof construction	11,138	SF	20.00	222,7
-				222,7
20 Exterior Enclosure				
B2010 Exterior Walls	4,195	SF	25.00	104,8
Wood framed exterior walls - interior face GWB to exterior face - cedar siding; all insulation and water/vapor barriers	4,195	SF	25.00	104,8
B2020 Exterior Windows	4 046	SF	60.00	206 -
Storefront glazing	<b>4,946</b> 4,946	SF SF	60.00 60.00	296,7 296,7
B2030 Exterior Doors	4 405	e۲	4.05	A7 6
Main entrance doors alazed aluminum framed doors, pairs	4,195	SF	4.05	17,0

ΕA

EA

2

4

5,000.00

1,750.00

10,000

7,000

Main entrance doors - glazed aluminum framed doors - pairs

Side doors - HM, insulated - single

Building Option 1	Quantity	Unit	Rate	Total
B2070 Exterior Louvers and Vents	4 195	SF	0.36	1,5
Allow for louvers	<b>4,195</b> 1	LS	1,500.00	1,5
		LO	1,500.00	1,0
				420,1
30 Roofing				
B3010 Roof Coverings	11,138	SF	25.91	288,5
Insulated membrane roofing	11,138	SF	18.00	200,4
Cedar finished, wood framed, insulated soffit	1,013	SF	35.00	35,4
Main entrance canopy - allow	418	SF	75.00	31,3
Roof hatches - 3'3" x 3'7"	1	EA	2,500.00	2,5
Rooflights	250	SF	75.00	18,7
10 Interior Construction				288,5
10 Interior Construction				
C1010 Partitions	9,045	SF	19.79	178,9
C1010 Partitions Regular stud framed drywall clad partitions	7,380	SF	10.00	178,9 73,8
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions	7,380 885	SF SF	10.00 55.00	178,9 73,8 48,6
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille	7,380 885 780	SF SF SF	10.00 55.00 50.00	178,9 73,8 48,6 39,0
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions	7,380 885	SF SF	10.00 55.00	178,9 73,8 48,6 39,0
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille	7,380 885 780 500	SF SF SF	10.00 55.00 50.00	178,9 73,8 48,6 39,0 17,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing	7,380 885 780	SF SF SF SF	10.00 55.00 50.00 35.00	288,5 178,5 73,6 39,0 17,5 37,5 37,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing	7,380 885 780 500 <b>16,175</b> 15	SF SF SF SF EA	10.00 55.00 50.00 35.00 2.32 2,500.00	178,9 73,8 48,6 39,0 17,5 37,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors	7,380 885 780 500 <b>16,175</b>	SF SF SF SF EA SF	10.00 55.00 50.00 35.00 2.32 2,500.00 2.66	178,9 73,8 48,6 39,0 17,5 37,5 37,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings	7,380 885 780 500 <b>16,175</b> 15 <b>16,175</b> 1	SF SF SF SF EA SF LS	10.00 55.00 50.00 35.00 2.32 2,500.00 2.66 2,500.00	178,9 73,8 48,6 39,0 17,5 37,5 37,5 43,0 2,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards	7,380 885 780 500 <b>16,175</b> 15 <b>16,175</b>	SF SF SF SF EA SF LS SF	10.00 55.00 50.00 35.00 2.32 2,500.00 2.66 2,500.00 1.25	178,9 73,8 48,6 39,0 17,5 37,5 37,5 43,0 2,5 20,2
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards Signage	7,380 885 780 500 <b>16,175</b> 15 <b>16,175</b> 1 16,175	SF SF SF EA SF LS SF EA	$ \begin{array}{r} 10.00 \\ 55.00 \\ 50.00 \\ 35.00 \\ 2.32 \\ 2,500.00 \\ 2.66 \\ 2,500.00 \\ 1.25 \\ 175.00 \\ \end{array} $	178,9 73,8 48,6 39,0 17,5 37,5 37,5 43,0 2,5 20,2 3,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards Signage Staff lockers - per door	7,380 885 780 500 <b>16,175</b> 15 <b>16,175</b> 1 16,175 20	SF SF SF EA SF LS SF EA EA	$10.00 \\ 55.00 \\ 50.00 \\ 35.00 \\ 2.32 \\ 2,500.00 \\ 2.66 \\ 2,500.00 \\ 1.25 \\ 175.00 \\ 1,500.00 \\ 1,$	178,9 73,8 48,6 39,0 17,5 37,5 37,5 43,0 2,5 20,2 3,5 9,0
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards Signage Staff lockers - per door Toilet partitions	7,380 885 780 500 <b>16,175</b> 15 <b>16,175</b> 1 16,175 20 6	SF SF SF EA SF LS SF EA	$ \begin{array}{r} 10.00 \\ 55.00 \\ 50.00 \\ 35.00 \\ 2.32 \\ 2,500.00 \\ 2.66 \\ 2,500.00 \\ 1.25 \\ 175.00 \\ \end{array} $	178,6 73,6 48,6 39,0 17,5 37,5 43,0 2,5 20,2 3,5

259,494

### C20 Stairways

#### C2010 Stair Construction None anticipated

16,175 SF

Building Option 1	Quantity	Unit	Rate	Total
C30 Interior Finishes				
Interior finishes	16,175	SF	10.43	168,70
Allow for new finishes to all interior and exterior walls	18,955	SF	2.50	47,38
Allow for new finishes to all floors	16,955	SF	5.00	80,87
Allow for new finishes to all ceilings - note majority of ceilings	10,175	01	5.00	00,0
exposed to wood structure	16,175	SF	2.50	40,4
				168,7
010 Conveying Systems				
D1010 Elevators & Lifts	16,175	SF		
None anticipated				
020 Plumbing Systems				
D2010 Plumbing Fixtures	16,175	SF	6.68	108,0
Water closets	7	EA	4,500.00	31,5
Lav	5	EA	3,500.00	17,5
Urinal	2	EA	3,500.00	7,0
Counter Sink	2	EA	3,500.00	7,0
Janitor Sink	1	EA	4,000.00	4,0
Floor Drain	3	EA	1,500.00	4,5
Floor clean-out	4	EA	500.00	2,0
Hose Bib	3	EA	1,500.00	4,5
Domestic Hot Water Heater	1	EA	5,000.00	5,0
Natural Gas Piping Roof drainage	1	LS	15,000.00	15,0
Rooi drainage	1	LS	10,000.00	10,0
				108,0
030 Heating, Ventilation & Air Conditioning				
D3020 Heat Generating Systems	16,175	SF	31.91	516,1
HVAC system by GFA - new	10,125	SF	45.00	455,6
				60,50
HVAC system by GFA - existing	6,050	SF	10.00	00,5

CSI	Quantity	Unit	Rate	Total
040 Fire Protection				
D4010 Sprinklers	16,175	SF	4.43	71,62
Sprinkler system by GFA - new	10,125	SF	6.00	60,75
Sprinkler system by GFA - existing	6,050	SF	1.50	9,07
Extinguishers & cabinets	4	EA	450.00	1,80
				71,62
D50 Electrical Lighting, Power & Communications				
D5010 Electrical Service & Distribution	16,175	SF	30.65	495,75
Electrical systems by GFA - new	10,125	SF	40.00	405,00
Electrical systems by GFA - existing	6,050	SF	15.00	90,75
				495,75
E10 Equipment				
E1090 Other Equipment	16,175	SF	1.64	26,50
Loading dock equipment	1	LS	5,000.00	5,00
Book drop - indoor	2	EA	1,500.00	3,00
Book drop - outdoor	2	EA	3,000.00	6,00
Library stacks - freestanding - by owner				
Staff kitchen appliances allowance	1	EA	5,000.00	5,00
Projection screen & projector	1	LS	7,500.00	7,50
Overhead supported backboard - side folding		EA	2,500.00	
				26,50
E20 Furnishings				
E2010 Fixed Furnishings	16,175	SF	10.76	174,08
Fixed casework	16,175	SF	7.50	121,31
Window shades - manual	6,597	SF	8.00	52,77

Building Option 1	Quantity	Unit	Rate	Total
F20 Selective Demolition				
F2010 Building Elements Demolition	6,050	SF	9.51	57,56
Interior demolition of existing facility	6,050	SF	8.00	48,400
Demolish and make good former exterior wall at new extension	611	SF	15.00	9,16
F2020 Hazardous Components Abatement				
Hazmat abatement - not required				

Site	Option 1 Summary				
			%	\$/SF	TOTAL
			Gross Area:	83,700 SF	
G10	Site Preparation		14%	1.74	146
G20	Site Improvements		36%	4.54	380
G30	Site Mechanical Utilities		9%	1.11	93
G40	Site Electrical Utilities		9%	1.11	93
G90	Other Site Construction		0%	0.00	0
G	Building Sitework		68%	8.50	711
SITE	ELEMENTAL COST BEFORE CONTINGENCIES		68%	8.50	711
Z11	GL & Bond	1.25%	1%	0.11	9
Z12	General Requirements	8.00%	5%	0.69	58
SITE	ELEMENTAL COST INCLUDING CONTINGENCIES		74%	9.29	778
Z21	Design Contingency	15.00%	11%	1.39	117
Z22	Escalation	13.24%	11%	1.41	118
MACO	2		96%	12.10	1,013
Z30	Fee	4.00%	4%	0.48	41
RECO	DMMENDED BUDGET		100%	12.58	1,053

Site Option 1				
	Quantity	Unit	Rate	Total
G10 Site Preparation				
G1010 Site Clearing	83,700	SF	1.16	97,063
Clear & grub existing surfacing	77,650	SF	1.25	97,063
G1020 Site Demolition and Relocations	83,700	SF	0.12	10,000
Demolish existing site structures and outbuildings	1	LS	10,000.00	10,000
G1030 Site Earthwork	83,700	SF	0.46	38,825
Cut/Fill and grade avross proposed site	77,650	SF	0.50	38,825
				145,888
				145,000
G20 Site Improvements				
G2010 Roadways	15,414	SF	4.98	76,755
New circulation road	15,414	SF	3.50	53,949
Curb & gutter	1,267	LF	18.00	22,806
G2020 Parking Lots	21,315	SF	5.00	106,575
New parking paving	21,315	SF	5.00	106,575
New curb	1,045	LF	12.50	13,063
G2030 Pedestrian Paving	5,197	SF	8.50	44,175
Coincrete paving	5,197	SF	8.50	44,175
G2040 Site Development	83,700	SF	0.09	7,500
Site furnishings allowance	1	LS	7,500.00	7,500
G2050 Landscaping	25,599	SF	5.40	138,195
Landscaping with irrigation	25,599	SF	5.00	127,995
Trees	12	EA	850.00	10,200
				379,731
G30 Site Mechanical Utilities				

G3010 Water Supply	<b>83,700</b>	SF	0.12	10,000
Relocate service	1	LS	10,000.00	10,000
G3020 Sanitary Sewer	<b>83,700</b>	SF	0.12	10,000
Relocate service	1	LS	10,000.00	10,000

	Quantity	Unit	Rate	Total
G3030 Storm Sewer	83,700	SF	0.75	62,88
Storm drainage from hardscape	41,926	SF	1.50	62,88
G3050 Cooling Distribution	83,700	SF	0.12	10,00
Relocate service	1	LS	10,000.00	10,00
				92,88
40 Site Electrical Utilities				
G4010 Electrical Distribution	83,700	SF	1.11	92,52
Electric power				
	1	LS	25,000.00	25,00
Electric power		LS	25,000.00	25,00
Electric power Relocate service		LS SF	25,000.00 1.00	25,000 67,525

Building Option 2 Areas & Control Quantities					
SF			SF		
17,235					
			Ratio to GFA		
	1	EA	0.058		
	17,235	SF	1.000		
	17,235	SF	1.000		
	1,724	SF	0.100		
	29,703	SF	1.723		
	29,703	SF	1.723		
53%	15,812	SF	0.917		
	0	SF	-		
	18,959	SF	1.100		
	18,959	SF	1.100		
	450	SF	0.026		
	SF 17,235	5F 17,235 17,235 17,235 17,235 1,724 29,703 29,703 29,703 29,703 53% 15,812 0 18,959 18,959	5F 17,235 1 EA 17,235 SF 17,235 SF 1,724 SF 29,703 SF 29,703 SF		

Gro         Gro         A10       Foundations         A20       Basement Construction         A       Substructure         B10       Superstructure         B20       Exterior Enclosure         B30       Roofing         B       Shell         C10       Interior Construction         C20       Stairways         C30       Interior Finishes         C       Interiors         D10       Conveying Systems	%           6%           0%           6%           0%           5%           17%           6%           28%           4%           0%           3%           7%           0%	\$/SF 17,235 SF 29,14 0.00 29,14 22,00 76.80 29,04 127.85 18,20 0.00 14.81 33,01	TOTAL 502 0 502 379 1,324 501 2,203 314 0 255 569
A10FoundationsA20Basement ConstructionASubstructureB10SuperstructureB20Exterior EnclosureB30RoofingBShellC10Interior ConstructionC20StairwaysC30Interior FinishesCInteriors	6% 0% 5% 17% 6% 28% 4% 0% 3%	29.14 0.00 29.14 22.00 76.80 29.04 127.85 18.20 0.00 14.81 33.01	0 502 379 1,324 501 2,203 314 0 255
A20Basement ConstructionASubstructureB10SuperstructureB20Exterior EnclosureB30RoofingBShellC10Interior ConstructionC20StairwaysC30Interior FinishesCInteriors	0% 6% 5% 17% 6% 28% 4% 0% 3%	0.00 29.14 22.00 76.80 29.04 127.85 18.20 0.00 14.81 33.01	0 502 379 1,324 501 2,203 314 0 255
ASubstructureB10SuperstructureB20Exterior EnclosureB30RoofingBShellC10Interior ConstructionC20StairwaysC30Interior FinishesCInteriors	6% 5% 17% 6% 28% 4% 0% 3% 7%	29.14 22.00 76.80 29.04 127.85 18.20 0.00 14.81 33.01	502 379 1,324 501 2,203 314 0 255
B10SuperstructureB20Exterior EnclosureB30RoofingBShellC10Interior ConstructionC20StairwaysC30Interior FinishesCInteriors	5% 17% 6% 28% 4% 0% 3% 7%	22.00 76.80 29.04 127.85 18.20 0.00 14.81 33.01	379 1,324 501 2,203 314 0 255
B20       Exterior Enclosure         B30       Roofing         B       Shell         C10       Interior Construction         C20       Stairways         C30       Interior Finishes         C       Interiors	17% 6% 28% 4% 0% 3% 7%	76.80 29.04 127.85 18.20 0.00 14.81 33.01	1,324 501 2,203 314 0 255
B30RoofingBShellC10Interior ConstructionC20StairwaysC30Interior FinishesCInteriors	6% 28% 4% 0% 3% 7%	29.04 127.85 18.20 0.00 14.81 33.01	501 2,203 314 0 255
B     Shell       C10     Interior Construction       C20     Stairways       C30     Interior Finishes       C     Interiors	28% 4% 0% 3% 7%	127.85 18.20 0.00 14.81 33.01	2,203 314 0 255
C10Interior ConstructionC20StairwaysC30Interior FinishesCInteriors	4% 0% 3% 7%	18.20 0.00 14.81 33.01	314 0 255
C20     Stairways       C30     Interior Finishes       C     Interiors	0% 3% 7%	0.00 14.81 33.01	0 255
C30 Interior Finishes C Interiors	3% 7%	14.81 33.01	255
C Interiors	7%	33.01	
			560
D10 Conveying Systems	0%		509
		0.00	0
D20 Plumbing Systems	1%	6.27	108
D30 Heating, Ventilation & Air Conditioning	10%	45.00	776
D40 Fire Protection	1%	6.10	105
D50 Electrical Lighting, Power & Communications	9%	40.00	689
D Services	21%	97.37	1,678
E10 Equipment	0%	1.54	27
E20 Furnishings	3%	14.84	256
E Equipment & Furnishings	4%	16.38	282
F10 Special Construction	0%	0.00	0
F20 Selective Demolition	1%	4.21	73
F Special Construction & Demolition	1%	4.21	73
BUILDING ELEMENTAL COST BEFORE CONTINGENCIES	68%	307.95	5,308
Z11 GL & Bond 1.25%	1%	3.85	66
Z12 General Requirements 8.00%	5%	24.94	430
BUILDING ELEMENTAL COST INCLUDING CONTINGENCIES	74%	336.75	5,804
Z21 Design Contingency 15.00%	11%	50.51	871
Z22 Escalation 13.24%	11%	51.29	884
BUILDING CONSTRUCTION COST BEFORE ESCALATION	96%	438.55	7,558
Z10 Fee 4.00%	4%	17.54	302
RECOMMENDED BUDGET	100%	456.11	7,861

## Building Option 2

	Quantity	Unit	Rate	Total
A10 Foundations				
A1010 Standard Foundations	17,235	SF	21.00	361,850
Reinforced concrete including excavation	,			
Allowance for standard foundations	17,235	SF	10.00	172,350
Foundation walls at perimeter	4,548	SF	25.00	113,700
Bituminous Dampproofing To Foundation Walls	4,548	SF	7.00	31,836
Below grade wall insulation - XPS	4,548	SF	4.00	18,192
Perimeter Drainage	1,516	LF	17.00	25,772
A1030 Slab On Grade	17,235	SF	8.15	140,380
Slab on grade	17,235	SF	8.00	137,880
Housekeeping pads, curbs, etc.	1	LS	2,500.00	2,500
				502,230
A20 Basement Construction				
A2020 Basement Walls				
None anticipated				
				0

#### **B10 Superstructure**

B1020 Roof Construction	18,959	SF	20.00	379,180
Timber framed (Glulams, purlins and plywood) roof construction	18,959	SF	20.00	379,180

379,180

#### **B20 Exterior Enclosure**

B2010 Exterior Walls	29,703	SF	11.63	345,475
Wood framed exterior walls - interior face GWB to exterior face - cedar siding; all insulation and water/vapor barriers	13,819	SF	25.00	345,475
B2020 Exterior Windows	<b>15,812</b>	SF	60.00	948,720
Storefront glazing	15,812	SF	60.00	948,720
B2030 Exterior Doors	<b>29,703</b>	SF	0.91	27,000
Main entrance doors - glazed aluminum framed doors - pairs	4	EA	5,000.00	20,000
Side doors - HM, insulated - single	4	EA	1,750.00	7,000

	Quantity	Unit	Rate	Total
B2090 Exterior Wall Specialties	29,703	SF	0.08	2,50
Allow for louvers	1	LS	2,500.00	2,50
				1,323,69
30 Roofing				
B3010 Roof Coverings	18,959	SF	26.40	500,55
Insulated membrane roofing	18,959	SF	18.00	341,26
Cedar finished, wood framed, insulated soffit	1,724	SF	35.00	60,34
Main entrance canopy - allow	836	SF	75.00	62,70
Roof hatches - 3'3" x 3'7"	1	EA	2,500.00	2,50
Rooflights	450	SF	75.00	33,75
				500,5
10 Interior Construction				
C1010 Partitions	12,275	SF	18.40	225,8
C1010 Partitions Regular stud framed drywall clad partitions	9,620	SF	10.00	225,87 96,20
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions	9,620 1,635	SF SF	10.00 55.00	225,8 96,20 89,92
C1010 Partitions Regular stud framed drywall clad partitions	9,620	SF	10.00	225,8 96,20 89,92 13,50
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille	9,620 1,635 270 750	SF SF SF SF	10.00 55.00 50.00 35.00	225,85 96,20 89,92 13,50 26,25
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing	9,620 1,635 270	SF SF SF	10.00 55.00 50.00	225,87 96,20 89,92 13,50
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors	9,620 1,635 270 750 <b>12,275</b> 17	SF SF SF SF EA	10.00 55.00 50.00 35.00 3.46 2,500.00	225,85 96,20 89,92 13,50 26,25 42,50
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors	9,620 1,635 270 750 <b>12,275</b>	SF SF SF SF EA SF	10.00 55.00 50.00 35.00 3.46 2,500.00 0.54	225,87 96,20 89,92 13,50 26,25 42,50 42,50 45,34
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings	9,620 1,635 270 750 <b>12,275</b> 17 <b>84,000</b>	SF SF SF SF EA	10.00 55.00 50.00 35.00 3.46 2,500.00	225,8 96,20 89,90 13,50 26,20 42,50 42,50
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards	9,620 1,635 270 750 <b>12,275</b> 17 <b>84,000</b> 1	SF SF SF SF EA SF LS SF	$ \begin{array}{r} 10.00 \\ 55.00 \\ 50.00 \\ 35.00 \\ 3.46 \\ 2,500.00 \\ 0.54 \\ 3,500.00 \\ 1.25 \\ \end{array} $	225,8 96,2 89,9 13,5 26,2 42,5 42,5 42,5 42,5 45,3 3,5 21,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards Signage	9,620 1,635 270 750 <b>12,275</b> 17 <b>84,000</b> 1 17,235	SF SF SF SF EA SF LS SF EA	$ \begin{array}{r} 10.00 \\ 55.00 \\ 50.00 \\ 35.00 \\ 3.46 \\ 2,500.00 \\ 0.54 \\ 3,500.00 \\ 1.25 \\ 175.00 \\ \end{array} $	225,8 96,2 89,9 13,5 26,2 42,5 42,5 42,5 42,5 45,3 3,5 21,5 3,5
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards Signage Staff lockers - per door	9,620 1,635 270 750 <b>12,275</b> 17 <b>84,000</b> 1 17,235 20	SF SF SF SF EA SF LS SF EA EA	$ \begin{array}{r} 10.00 \\ 55.00 \\ 50.00 \\ 35.00 \\ 3.46 \\ 2,500.00 \\ 0.54 \\ 3,500.00 \\ 1.25 \\ \end{array} $	225,8 96,2 89,9 13,5 26,2 42,5 42,5 42,5 42,5 45,3 3,5 21,5 3,5 9,0
C1010 Partitions Regular stud framed drywall clad partitions Movable partitions Manual sliding security grille Allow for interior glazing C1020 Interior Doors Allow for interior doors - HM frame, wood insulated doors C1030 Fittings Whiteboards & tackboards Signage Staff lockers - per door Toilet partitions	9,620 1,635 270 750 <b>12,275</b> 17 <b>84,000</b> 1 17,235 20 6	SF SF SF SF EA SF LS SF EA	10.00 55.00 50.00 35.00 3.46 2,500.00 0.54 3,500.00 1.25 175.00 1,500.00	225,8 96,2 89,9 13,5 26,2 42,5 42,5 42,5 42,5 42,5 21,5 3,5

313,719

### C20 Stairways

#### C2010 Stair Construction None anticipated

Building Option 2				
	Quantity	Unit	Rate	Total
C30 Interior Finishes				
Interior finishes	17,235	SF	14.81	255,17
Allow for new finishes to all interior and exterior walls	33,131	SF	2.50	82,82
Allow for new finishes to all floors	17,235	SF	5.00	86,17
Allow for new finishes to all ceilings - note majority of ceilings	17,235	SF	5.00	86,1
				255,17
010 Conveying Systems				
D1010 Elevators & Lifts				
No work anticipated				
20 Plumbing Systems				
D2010 Plumbing Fixtures	17,235	SF	6.27	108,00
Water closets	7	EA	4,500.00	31,50
Lav	5	EA	3,500.00	17,50
Urinal	2	EA	3,500.00	7,00
Counter Sink	2	EA	3,500.00	7,00
Janitor Sink	1	EA	4,000.00	4,00
Floor Drain	3	EA	1,500.00	4,50
Floor clean-out	4	EA	500.00	2,00
Hose Bib	3	EA	1,500.00	4,50
Domestic Hot Water Heater	1	EA	5,000.00	5,00
Natural Gas Piping	1	LS	15,000.00	15,00
Roof drainage	1	LS	10,000.00	10,00
				108,00
030 Heating, Ventilation & Air Conditioning				
D3010 Energy Supply	17,235	SF	45.00	775,57
Allowance for HV/AC	,_50		10.00	

775,575

775,575

45.00

17,235 SF

Allowance for HVAC

Building Option 2			D /	<b>T</b>
	Quantity	Unit	Rate	Total
D40 Fire Protection				
D4010 Sprinklers	17,235	SF	6.10	105,21
Allowance for fire protection	17,235	SF	6.00	103,41
Extinguishers & cabinets	4	EA	450.00	1,80
				105,21
D50 Electrical Lighting, Power & Communications				
D5010 Electrical Service & Distribution	17,235	SF	40.00	689,40
Electrical systems by GFA - new	17,235	SF	40.00	689,40
				689,40
E10 Equipment				
E1010 Commercial Equipment	17,235	SF	1.54	26,50
Loading dock equipment	1	LS	5,000.00	5,00
Book drop - indoor	2	EA	1,500.00	3,00
Book drop - outdoor	2	EA	3,000.00	6,00
Library stacks - freestanding - by owner				
Staff kitchen appliances allowance	1	EA	5,000.00	5,00
Projection screen & projector	1	LS	7,500.00	7,50
				26,50
E20 Furnishings				
E2010 Fixed Furnishings	80,000	SF	3.20	255,75
Fixed casework	17,235	SF	7.50	129,26
Window shades - manual	15,812	SF	8.00	126,49
				255,75
F20 Selective Demolition				
F2010 Building Elements Demolition	6,050	SF	12.00	72,60

Site Option 2 Summary				
		%	\$/SF	TOTAL
	(	Gross Area:	83,700 SF	
G10 Site Preparation		14%	1.74	146
G20 Site Improvements		36%	4.54	380
G30 Site Mechanical Utilities		9%	1.11	93
G40 Site Electrical Utilities		9%	1.09	91
G90 Other Site Construction		0%	0.00	0
G Building Sitework		68%	8.48	710
SITE ELEMENTAL COST BEFORE CONTINGENCIES		68%	8.48	710
Z11 GL & Bond	1.25%	1%	0.11	9
Z12 General Requirements	8.00%	5%	0.69	58
SITE ELEMENTAL COST INCLUDING CONTINGENCIES		74%	9.28	777
Z21 Design Contingency	15.00%	11%	1.39	116
Z22 Escalation	13.24%	11%	1.41	118
SITE CONSTRUCTION COST BEFORE ESCALATION		96%	12.08	1,011
Z10 Fee	4.00%	4%	0.48	40
RECOMMENDED BUDGET		100%	12.57	1,052

Site Option 2				
Item Description	Quantity	Unit	Rate	Total
G10 Site Preparation				
G1010 Site Clearing	83,700	SF	1.16	97,063
Clear & grub existing surfacing	77,650	SF	1.25	97,063
G1020 Site Demolition and Relocations	83,700	SF	0.12	10,000
Demolish existing site structures and outbuildings	1	LS	10,000.00	10,000
G1030 Site Earthwork	83,700	SF	0.46	38,825
Allow for grading	77,650	SF	0.50	38,825
				145,888
G20 Site Improvements				
G2010 Roadways	17,303	SF	5.06	87,579
New circulation road	17,303	SF	3.50	60,561
Curb & gutter	1,501	LF	18.00	27,018
G2020 Parking Lots	20,897	SF	5.62	117,523
New parking paving	20,897	SF	5.00	104,485
New curb	1,043	LF	12.50	13,038
G2030 Pedestrian Paving	3,936	SF	8.50	33,456
Concrete paving	3,936	SF	8.50	33,456
G2040 Site Development	83,700	SF	0.09	7,500
Site furnishings allowance	1	LS	7,500.00	7,500
G2050 Landscaping	24,329	SF	5.49	133,545
Landscaping with irrigation	24,329	SF	5.00	121,645
Trees	14	EA	850.00	11,900
				379,602
G30 Site Mechanical Utilities				
G3010 Water Supply	83,700	SF	0.12	10,000
Relocate service	1	LS	10,000.00	10,000
G3020 Sanitary Sewer	83,700	SF	0.12	10,000
Relocate service	1	LS	10,000.00	10,000
G3030 Storm Sewer	83,700	SF	0.76	63,204
Storm drainage from hardscape	10.100	~ -		

1801001

Storm drainage from hardscape www.wtpartnership.com/sports <sup>42,136</sup>

SF

63,204

1.50

Quantity	Unit	Rate	Total
83.700	SF	0.12	10,000
1	LS	10,000.00	10,000
			93,204
83,700	SF	1.09	91,465
1	LS	25,000.00	25,000
66,465	SF	1.00	66,465
			91,465
	<b>83,700</b> 1 <b>83,700</b> 1	83,700 SF 1 LS 83,700 SF 1 LS	83,700       SF       0.12         1       LS       10,000.00         83,700       SF       1.09         1       LS       25,000.00