

Project Title: **ESTIMATE OF
PROBABLE COST**

Project: **Glebe Elementary School**

Project Location: **Arlington, VA**

Client: **Quinn Evans Architects**

Date: **11/07/11**

9495 SILVER KING COURT
BUILDING #1 SUITE A
FAIRFAX, VIRGINIA 22031-4713
[703] 560-2200



PROGRAMMATIC COST ESTIMATE Proj Name: Glebe E.S. Project Owner: Arlington Public Schools Project Location: Arlington County, VA		FORELLA GROUP, LLC	Prepared By:	la,ja, cy	Job #:	11158.1	Revisions
		9495 Silver King Court	Approved By:	pf	File:	Programmatic	
		Suite A			Email:	Design	
		Fairfax, VA 22031-4713			Report Date:	Reference Date Stamp	

Scheme and Location Ref	Uniformat System Heading	Uniformat No. Code	Descriptions and/or Specification Notes	Computed Quantity [US]	Unit of Meas	Mat+Lab+Equip Loaded Unit	Line Extension	Subtotals
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COST SUMMARY

Summary	BASELINE HARD COSTS	RENOVATION	5,200.00 GSF	59.07	307,170.96	
Summary		CLASS ROOM ADDITION	31,840.00 GSF	205.62	6,546,998.47	
Summary		CAFETERIA, CT YD RECONSTRUCTION [1]	1,060.00 GSF	737.92	782,192.99	
Summary		GYMNASIUM ADDITION [1]	5,100.00 GSF	341.59	1,742,123.32	
Summary		SCHOOL BUILDING SITE WORK	1.00 LS		747,298.82	
Summary		SUBTOTAL				10,125,784.56
Summary	CONTINGENCIES	DESIGN CONTINGENCY	[15%]		1,518,867.68	
Summary		SUBTOTAL			11,644,652.24	
Summary		CHANGE ORDER CONTINGENCY	[5%]		582,232.61	
Summary		SUBTOTAL				12,226,884.85
Summary	SOFT COSTS	COUNTY SOFT COST FACTOR	[22.5%]		2,751,049.09	
Summary		SUBTOTAL				14,977,933.95
Summary	ESCALATED TOTALS	TOTAL, 2011	Current Dollars		14,977,933.95	
Summary		TOTAL, 2012	Esc to: 06/30 at 4%		15,577,051.31	
Summary		TOTAL, 2013	Esc to: 06/30 at 4%		16,200,133.36	
Summary		TOTAL, 2014	Esc to: 06/30 at 4%		16,848,138.69	
Summary		TOTAL, 2015	Esc to: 06/30 at 4%		17,522,064.24	
Summary		TOTAL, 2016	Esc to: 06/30 at 4%		18,222,946.81	
Summary	PROGRAM TOTAL	SELECTED YEAR				18,222,946.81
Summary		[1] Small area, taller bay ht, other complexities result in higher costs per SF				
Summary	ALTERNATES	ADD: Geothermal HVAC System. Costs derived from 2RW narrative & well formula.	43,200.00 SF 28,512.00 VLF	12.16 18.42	525,255.19	945,279.58
Summary						

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BUILDING RENOVATION

A	SUBSTRUCTURE	0.00	System Subtotal	5,200.00	GSF	0.00		0.00
			Lower Level Assemblies					
Renovation		1.00	Concrete spread footing foundations	0.00	CY	0.00	0.00	
Renovation		2.00	Foundation drainage	0.00	LF	0.00	0.00	
Renovation		3.00	Concrete slabs on grade	0.00	SF	0.00	0.00	
B	SHELL		System Subtotal	5,200.00		0.50		2,600.00
			Supported Floor Structure					
Renovation		1.00	Supported floor frame & columns	0.00	Tons	0.00	0.00	
Renovation		2.00	Metal deck assembly	0.00	SF	0.00	0.00	
Renovation		3.00	Slab on deck	0.00	SF	0.00	0.00	
Renovation		4.00	Fireproofing	0.00	SF	0.00	0.00	
			Roof Structure					
Renovation		1.00	Roof: Horizontal steel framing & columns	0.00	Tons	0.00	0.00	
Renovation		2.00	Roof: Metal deck incl lapping & wastage	0.00	SF	0.00	0.00	
Renovation		3.00	Fireproofing	0.00	GSF	0.00	0.00	
			Miscellaneous Metals					
Renovation		1.00	Stairs					Ref Stairs & Railings, below
Renovation		2.00	Miscellaneous fabrications	5,200.00	SF	0.50	2,600.00	
Renovation		3.00	Expansion jts assemblies & covers	0.00	SF	0.00	0.00	
			Exterior Enclosure Assemblies					
Renovation		1.00	Demo, brace, add lintel, rework ext load			Not Used		
Renovation		2.00	bearing cafeteria wall					
Renovation		3.00	Exterior Wall System #2	0.00	Wall SF	0.00	0.00	
Renovation		4.00	Exterior Wall System #3	0.00	Wall SF	0.00	0.00	
Renovation		5.00	Modifications at Connection to Ex Bldg	0.00	EA	0.00	0.00	
Renovation								

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Renovation			Exterior Fenestration Assemblies					
Renovation		1.00	Fenestration System	0.00	SF	40.00	0.00	
Renovation			Exterior Door Assemblies					
Renovation		1.00	Exterior storefront door assemblies, double	0.00	Pair	0.00	0.00	
Renovation		2.00	Exterior storefront door assemblies, single	0.00	Leaf	0.00	0.00	
Renovation		3.00	Exterior metal door assemblies, double	0.00	Pair	0.00	0.00	
Renovation		4.00	Exterior metal door assemblies, single	0.00	Leafs	0.00	0.00	
Renovation		5.00	Interior OH Doors [large]	0.00	EA	0.00	0.00	
Renovation		6.00	Interior OH Doors [small]	0.00	EA	0.00	0.00	
Renovation			Roofing Assemblies					
Renovation		1.00	Membrane, insul., flashing, accessories	0.00	SF	0.00	0.00	
Renovation		2.00	Blocking	0.00	GSF	0.00	0.00	
Renovation		3.00	Skylight assemblies	0.00	EA	0.00	0.00	
Renovation		4.00	Metal fascia assemblies	0.00	LF	0.00	0.00	
Renovation		5.00	Exterior soffits	0.00	SF	0.00	0.00	

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C	INTERIORS		System Subtotal	5,200.00	GSF	23.85		124,008.67
			Partition Assemblies					
Renovation		1.00	Interior partitions	5,148.00	WallSF	6.00	30,888.00	
Renovation		2.00	GWB + mtl furring, int face ext walls		Excluded			
Renovation		3.00	Interior glass	572.00	WallSF	35.00	20,020.00	
			Door, Frame & Hardware Assemblies					
Renovation		1.00	Door assm, single	8.00	EA	1,400.00	11,200.00	
Renovation		2.00	Door assm, dbl	2.00	EA	2,450.00	4,900.00	
			Finish Assemblies					
Renovation		1.00	Flooring	5,200.00	SF	3.67	19,066.67	
Renovation		2.00	Ceilings	5,200.00	SF	4.00	20,800.00	
Renovation		3.00	GWB bulkheads	1.00	LS	4,160.00	4,160.00	
Renovation		4.00	Paint, interior & exterior	5,200.00	SF	1.00	5,200.00	
Renovation		5.00	Wallcovering allowance	1.00	LS	2,574.00	2,574.00	
			Stairs & Railings Assemblies					
Renovation		1.00	Basic stair, landgs, railings, simple finishes	0.00	FIts	0.00	0.00	
			Miscellaneous Specialties					
Renovation		1.00	Toil acc., entr mats & frames, signage,					
Renovation		2.00	fire ext., jan acc., etc.	5,200.00	GSF	1.00	5,200.00	

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D	SERVICES		System Subtotal	5,200.00	SF	17.75		92,300.00
Renovation			Conveying Systems					
Renovation		1.00	Hydraul/1500# cap/100 FPM/2 stops/std cab	0.00	Stops	0.00	0.00	
Renovation			HVAC					
Renovation		2.00	Ref 2RW narrative	5,200.00	GSF	8.75	45,500.00	
Renovation			Plumbing					
Renovation		3.00	Ref 2RW narrative	5,200.00	GSF	2.00	10,400.00	
Renovation			Fire Protection					
Renovation		4.00	Ref 2RW narrative	5,200.00	GSF	0.75	3,900.00	
Renovation		5.00	Fire pump	0.00	LS	0.00	0.00	
Renovation			Electrical Systems					
Renovation		6.00	Ref 2RW narrative	5,200.00	GSF	6.25	32,500.00	
Renovation		7.00	Special Division 17 systems					RI included above, excludes FF&E

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E	EQ & FURNISHINGS		System Subtotal	5,200.00	SF	6.00		31,200.00
	Renovation		Special					
	Renovation	1.00	Rework food service configuration	0.00	LS	150,000.00	0.00	
	Renovation	2.00	Casework, millwork, etc.	5,200.00	GSF	6.00	31,200.00	
F	SPECIAL		System Subtotal				Not used	
Z	GENERAL		Subtotal A-F					250,108.67
	Renovation	1.00	Field Overhead Incl Phasing Premium				25,010.87	
	Renovation	2.00	Subtotal				275,119.53	
	Renovation	3.00	Main Office Overhead & Profit				27,511.95	
	Renovation	4.00	Subtotal				302,631.49	
	Renovation	5.00	Bonds & Insurance				4,539.47	
	Renovation	6.00	SUBTOTAL	5,200.00	GSF			307,170.96

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CLASSROOM ADDITION

A	SUBSTRUCTURE	0.00	System Subtotal	31,840.00	GSF	3.14		99,881.33
				450.00	Perim			
	CR Addition		Lower Level Assemblies					
	CR Addition	1.00	Concrete spread footing foundations	41.67	CY	350.00	14,583.33	
	CR Addition	2.00	Foundation drainage	550.00	LF	20.00	11,000.00	
	CR Addition	3.00	Concrete slabs on grade	10,614.00	SF	7.00	74,298.00	
B	SHELL		System Subtotal	31,840.00		59.16		1,883,636.42
	CR Addition		Supported Floor Structure					
	CR Addition	1.00	Supported floor frame & columns	106.13	Tons	2,700.00	286,551.00	
	CR Addition	2.00	Metal deck assembly	24,409.90	SF	2.50	61,024.75	
	CR Addition	3.00	Slab on deck	21,226.00	SF	4.00	84,904.00	
	CR Addition	4.00	Fireproofing	21,226.00	SF	0.25	5,306.50	
	CR Addition		Roof Structure					
	CR Addition	1.00	Roof: Horizontal steel framing & columns	31.84	Tons	2,700.00	85,973.40	
	CR Addition	2.00	Roof: Metal deck incl lapping & wastage	12,206.10	SF	2.25	27,463.73	
	CR Addition	5.00	Fireproofing	31,840.00	GSF	0.25	7,960.00	
	CR Addition		Miscellaneous Metals					
	CR Addition	1.00	Stairs					
	CR Addition	2.00	Miscellaneous fabrications	31,840.00	SF	2.00	63,680.00	
	CR Addition	3.00	Expansion jts assemblies & covers	31,840.00	SF	0.19	5,928.61	
	CR Addition		Exterior Enclosure Assemblies					
	CR Addition	1.00	Exterior Wall System #1	15,862.50	Wall SF	30.00	475,875.00	
	CR Addition	2.00	Exterior Wall System #2	0.00	Wall SF	0.00	0.00	
	CR Addition	3.00	Exterior Wall System #3	0.00	Wall SF	0.00	0.00	
	CR Addition	4.00	Modifications at Connection to Ex Bldg	2.00	EA	25,000.00	50,000.00	
	CR Addition		Exterior Fenestration Assemblies					
	CR Addition	1.00	Fenestration System	5,287.50	SF	40.00	211,500.00	

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CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

CR Addition

Exterior Door Assemblies

1.00	Exterior storefront door assemblies, double	4.00	Pair	3,000.00	12,000.00
2.00	Exterior storefront door assemblies, single	2.00	Leaf	1,000.00	2,000.00
3.00	Exterior metal door assemblies, double	1.00	Pair	1,500.00	1,500.00
4.00	Exterior metal door assemblies, single	3.00	Leafs	1,000.00	3,000.00
5.00	Interior OH Doors	0.00	EA	0.00	0.00

Roofing Assemblies

1.00	Membrane, insul., flashing, accessories	31,840.00	SF	15.00	477,600.00
2.00	Blocking	31,840.00	GSF	0.27	8,469.44
3.00	Skylight assemblies	0.00	EA	0.00	0.00
4.00	Metal fascia assemblies	430.00	LF	30.00	12,900.00
5.00	Exterior soffits	0.00	SF	25.00	0.00

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C	INTERIORS		System Subtotal	31,840.00	GSF	24.52		780,583.07
			Partition Assemblies					
CR Addition			Interior partitions	31,521.60	WallSF	6.00	189,129.60	
CR Addition	1.00							
CR Addition	2.00		GWB + mtl furring, int face ext walls		Excluded			
CR Addition	3.00		Interior glass	3,502.40	WallSF	35.00	122,584.00	
CR Addition			Door, Frame & Hardware Assemblies					
CR Addition	1.00		Door assm, single	27.00	EA	1,400.00	37,800.00	
CR Addition	2.00		Door assm, dbl	9.00	EA	2,450.00	22,050.00	
CR Addition			Finish Assemblies					
CR Addition	1.00		Flooring	31,840.00	SF	3.67	116,746.67	
CR Addition	2.00		Ceilings	31,840.00	SF	4.00	127,360.00	
CR Addition	3.00		GWB bulkheads	1.00	LS	25,472.00	25,472.00	
CR Addition	4.00		Paint, interior & exterior	31,840.00	SF	1.00	31,840.00	
CR Addition	5.00		Wallcovering allowance	1.00	LS	15,760.80	15,760.80	
CR Addition			Stairs & Railings Assemblies					
CR Addition	1.00		Basic stair, landgs, railings, simple finishes	4.00	Flts	15,000.00	60,000.00	
CR Addition			Miscellaneous Specialties					
CR Addition	1.00		Toil acc., entr mats & frames, signage,					
CR Addition	2.00		fire ext., jan acc., etc.	31,840.00	GSF	1.00	31,840.00	

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D	SERVICES		System Subtotal	31,840.00	SF	74.61		2,375,640.00
CR Addition			Conveying Systems					
CR Addition		1.00	Hydraul/1500# cap/100 FPM/2 stops/std cab	3.00	Stops	30,000.00	90,000.00	
CR Addition			HVAC					
CR Addition		2.00	"Base Case" System: Average of 3 system types WSHP, FCU & VRF stipulated by 2RW	31,840.00	GSF	35.00	1,114,400.00	
CR Addition			Plumbing					
CR Addition		3.00	Fixtures, water, san sewer, roof drainage	31,840.00	GSF	8.00	254,720.00	
CR Addition			Fire Protection					
CR Addition		4.00	Fire protection, excl fire pump	31,840.00	GSF	3.00	95,520.00	
CR Addition		5.00	Fire pump	1.00	LS	25,000.00	25,000.00	
CR Addition			Electrical Systems					
CR Addition		6.00	Electrical power, fixtures, wiring, special	31,840.00	GSF	25.00	796,000.00	
CR Addition		7.00	Special Division 17 systems					
								RI included above, excludes FF&E

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E	EQ & FURNISHINGS		System Subtotal	31,840.00	SF	6.00		191,040.00
			Special					
CR Addition		1.00	Folding walls	0.00	WSF	0.00	0.00	
CR Addition		2.00	Casework, millwork, etc.	31,840.00	GSF	6.00	191,040.00	
F	SPECIAL		System Subtotal				Not used	
Z	GENERAL		Subtotal A-F					5,330,780.82
CR Addition		1.00	Field Overhead Incl Phasing Premium				533,078.08	
CR Addition		2.00	Subtotal				5,863,858.91	
CR Addition		3.00	Main Office Overhead & Profit				586,385.89	
CR Addition		4.00	Subtotal				6,450,244.80	
CR Addition		5.00	Bonds & Insurance				96,753.67	
CR Addition		6.00	SUBTOTAL	31,840.00	GSF			6,546,998.47

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CAFETERIA ADDITION

A	SUBSTRUCTURE	0.00	System Subtotal	1,060.00	GSF	0.00		0.00
				0.00	Perim			
	Cafeteria Addition		Lower Level Assemblies					
	Cafeteria Addition	1.00	Concrete spread footing foundations	0.00	CY	350.00	0.00	
	Cafeteria Addition	2.00	Foundation drainage	0.00	LF	20.00	0.00	
	Cafeteria Addition	3.00	Concrete slabs on grade	0.00	SF	7.00	0.00	
B	SHELL		System Subtotal	1,060.00		350.73		371,769.33
	Cafeteria Addition		Supported Floor Structure					
	Cafeteria Addition	1.00	Supported floor frame & columns	0.00	Tons	0.00	0.00	
	Cafeteria Addition	2.00	Metal deck assembly	0.00	SF	0.00	0.00	
	Cafeteria Addition	3.00	Slab on deck	0.00	SF	0.00	0.00	
	Cafeteria Addition	4.00	Fireproofing	0.00	SF	0.00	0.00	
	Cafeteria Addition		New Courtyard: Ref Description Below	1.00	LS	300,000.00	300,000.00	
	Cafeteria Addition	1.00	Remove existing gym roof, finishes, MEP &					
	Cafeteria Addition	2.00	re-clad existing walls with new exterior					
	Cafeteria Addition	3.00	grade materials.					
	Cafeteria Addition		Roof Structure					
	Cafeteria Addition	1.00	Roof: Horizontal steel framing & columns	3.18	Tons	4,050.00	12,879.00	
	Cafeteria Addition	2.00	Roof: Metal deck incl lapping & wastage	1,219.00	SF	4.00	4,876.00	
	Cafeteria Addition	3.00	Fireproofing	1,060.00	GSF	0.25	265.00	
	Cafeteria Addition		Miscellaneous Metals					
	Cafeteria Addition	1.00	Stairs					Ref Stairs & Railings, below
	Cafeteria Addition	2.00	Miscellaneous fabrications	1,060.00	SF	2.00	2,120.00	
	Cafeteria Addition	3.00	Expansion jts assemblies & covers	1,060.00	SF	0.19	197.37	
	Cafeteria Addition		Exterior Enclosure Assemblies					
	Cafeteria Addition	1.00	Ext Wall Sys: Add ht at Cafeteria & Wk Rm	675.00	Wall SF	30.00	20,250.00	
	Cafeteria Addition	2.00	Exterior Wall System #2	0.00	Wall SF	0.00	0.00	

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Cafeteria Addition		3.00	Exterior Wall System #3	0.00	Wall SF	0.00	0.00	
Cafeteria Addition		4.00	Modifications at Connection to Ex Bldg	0.00	EA	25,000.00	0.00	
Cafeteria Addition			Exterior Fenestration Assemblies					
Cafeteria Addition		1.00	Fenestration System	225.00	SF	40.00	9,000.00	
Cafeteria Addition			Exterior Door Assemblies					
Cafeteria Addition		1.00	Exterior storefront door assemblies, double	2.00	Pair	3,000.00	6,000.00	
Cafeteria Addition		2.00	Exterior storefront door assemblies, single	0.00	Leaf	1,000.00	0.00	
Cafeteria Addition		3.00	Exterior metal door assemblies, double	0.00	Pair	1,500.00	0.00	
Cafeteria Addition		4.00	Exterior metal door assemblies, single	0.00	Leafs	1,000.00	0.00	
Cafeteria Addition		5.00	Interior OH Doors	0.00	EA	0.00	0.00	
Cafeteria Addition			Roofing Assemblies					
Cafeteria Addition		1.00	Shed roofing	1,060.00	SF	15.00	15,900.00	
Cafeteria Addition		2.00	Blocking	1,060.00	GSF	0.27	281.96	
Cafeteria Addition		3.00	Skylight assemblies	0.00	EA	0.00	0.00	
Cafeteria Addition		4.00	Metal fascia assemblies	0.00	LF	30.00	0.00	
Cafeteria Addition		5.00	Exterior soffits	0.00	SF	25.00	0.00	

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Scheme and Location Ref	Uniformat System Heading	Uniformat No. Code	Descriptions and/or Specification Notes	Computed Quantity [US]	Unit of Meas	Mat+Lab+Equip Loaded Unit	Line Extension	Subtotals
C	INTERIORS		System Subtotal	1,060.00	GSF	30.66		32,500.30
			Partition Assemblies					
Cafeteria Addition		1.00	Interior partitions	1,049.40	WallSF	6.00	6,296.40	
Cafeteria Addition		2.00	GWB + mtl furring, int face ext walls		Excluded			
Cafeteria Addition		3.00	Interior glass	116.60	WallSF	35.00	4,081.00	
			Door, Frame & Hardware Assemblies					
Cafeteria Addition		1.00	Door assm, single	4.00	EA	1,400.00	5,600.00	
Cafeteria Addition		2.00	Door assm, dbl	2.00	EA	2,450.00	4,900.00	
			Finish Assemblies					
Cafeteria Addition		1.00	Flooring	1,060.00	SF	3.67	3,890.20	
Cafeteria Addition		2.00	Ceilings	1,060.00	SF	4.00	4,240.00	
Cafeteria Addition		3.00	GWB bulkheads	1.00	LS	848.00	848.00	
Cafeteria Addition		4.00	Paint, interior & exterior	1,060.00	SF	1.00	1,060.00	
Cafeteria Addition		5.00	Wallcovering allowance	1.00	LS	524.70	524.70	
			Stairs & Railings Assemblies					
Cafeteria Addition		1.00	Basic stair, landgs, railings, simple finishes	0.00	FIts	0.00	0.00	
			Miscellaneous Specialties					
Cafeteria Addition		1.00	Toil acc., entr mats & frames, signage,					
Cafeteria Addition		2.00	fire ext., jan acc., etc.	1,060.00	GSF	1.00	1,060.00	

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E	EQ & FURNISHINGS		System Subtotal	1,060.00	SF	97.34		103,180.00
	Cafeteria Addition		Special					
	Cafeteria Addition	1.00	Food service	1.00	LS	100,000.00	100,000.00	
	Cafeteria Addition	2.00	Casework, millwork, etc.	1,060.00	GSF	3.00	3,180.00	
F	SPECIAL		System Subtotal				Not used	
Z	GENERAL		Subtotal A-F					582,709.63
	Cafeteria Addition	1.00	Field Overhead Incl Phasing Premium				87,406.44	
	Cafeteria Addition	2.00	Subtotal				670,116.08	
	Cafeteria Addition	3.00	Main Office Overhead & Profit				100,517.41	
	Cafeteria Addition	4.00	Subtotal				770,633.49	
	Cafeteria Addition	5.00	Bonds & Insurance				11,559.50	
	Cafeteria Addition	6.00	SUBTOTAL	1,060.00	GSF			782,192.99

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GYMNASIUM ADDITION

A	SUBSTRUCTURE	0.00	System Subtotal	5,100.00	GSF	10.39		53,002.96
				292.00	Perim			
	Gym addition		Lower Level Assemblies					
	Gym addition	1.00	Concrete spread footing foundations	27.04	CY	350.00	9,462.96	
	Gym addition	2.00	Foundation drainage	392.00	LF	20.00	7,840.00	
	Gym addition	3.00	Concrete slabs on grade	5,100.00	SF	7.00	35,700.00	
B	SHELL		System Subtotal	5,100.00		103.88		529,767.47
	Gym addition		Supported Floor Structure					
	Gym addition	1.00	Supported floor frame & long span	0.00	Tons	2,700.00	0.00	
	Gym addition	2.00	Metal deck assembly	0.00	SF	2.50	0.00	
	Gym addition	3.00	Slab on deck	0.00	SF	4.00	0.00	
	Gym addition	4.00	Fireproofing	0.00	SF	0.25	0.00	
	Gym addition		Roof Structure					
	Gym addition	1.00	Roof: Horizontal steel framing & long span	25.50	Tons	2,700.00	68,850.00	
	Gym addition	2.00	Roof: Metal deck incl lapping & wastage	5,865.00	SF	2.25	13,196.25	
	Gym addition	5.00	Fireproofing	5,100.00	GSF	0.25	1,275.00	
	Gym addition		Miscellaneous Metals					
	Gym addition	1.00	Stairs					
	Gym addition	2.00	Miscellaneous fabrications	5,100.00	SF	2.00	10,200.00	
	Gym addition	3.00	Expansion jts assemblies & covers	5,100.00	SF	0.19	949.62	
	Gym addition		Exterior Enclosure Assemblies					
	Gym addition	1.00	Exterior Wall System #1	7,008.00	Wall SF	30.00	210,240.00	
	Gym addition	2.00	Exterior Wall System #2	0.00	Wall SF	0.00	0.00	
	Gym addition	3.00	Exterior Wall System #3	0.00	Wall SF	0.00	0.00	
	Gym addition	4.00	Modifications at Connection to new addition	1.00	EA	25,000.00	25,000.00	
	Gym addition		Exterior Fenestration Assemblies					
	Gym addition	1.00	Fenestration System	2,336.00	SF	40.00	93,440.00	

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Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Gym addition

Exterior Door Assemblies

1.00	Exterior storefront door assemblies, double	2.00	Pair	3,000.00	6,000.00
2.00	Exterior storefront door assemblies, single	1.00	Leaf	1,000.00	1,000.00
3.00	Exterior metal door assemblies, double	4.00	Pair	1,500.00	6,000.00
4.00	Exterior metal door assemblies, single	1.00	Leafs	1,000.00	1,000.00
5.00	Interior OH Doors	1.00	EA	3,500.00	3,500.00

Roofing Assemblies

1.00	Membrane, insul., flashing, accessories	5,100.00	SF	15.00	76,500.00
2.00	Blocking	5,100.00	GSF	0.27	1,356.60
3.00	Skylight assemblies	0.00	EA	0.00	0.00
4.00	Metal fascia assemblies	292.00	LF	30.00	8,760.00
5.00	Exterior soffits	100.00	SF	25.00	2,500.00

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C	INTERIORS		System Subtotal	5,100.00	GSF	29.30		149,423.50
			Partition Assemblies					
	Gym addition		Interior partitions	5,049.00	WallSF	6.00	30,294.00	
	Gym addition	1.00						
	Gym addition	2.00	GWB + mtl furring, int face ext walls		Excluded			
	Gym addition	3.00	Interior glass	561.00	WallSF	35.00	19,635.00	
	Gym addition		Door, Frame & Hardware Assemblies					
	Gym addition	1.00	Door assm, single	5.00	EA	1,400.00	7,000.00	
	Gym addition	2.00	Door assm, dbl	3.00	EA	2,450.00	7,350.00	
	Gym addition		Finish Assemblies					
	Gym addition	1.00	Flooring	5,100.00	SF	12.00	61,200.00	
	Gym addition	2.00	Ceilings	5,100.00	SF	2.00	10,200.00	
	Gym addition	3.00	GWB bulkheads	1.00	LS	1,020.00	1,020.00	
	Gym addition	4.00	Paint, interior & exterior	5,100.00	SF	1.00	5,100.00	
	Gym addition	5.00	Wallcovering allowance	1.00	LS	2,524.50	2,524.50	
	Gym addition		Stairs & Railings Assemblies					
	Gym addition	1.00	Basic stair, landgs, railings, simple finishes	0.00	Flts	15,000.00	0.00	
	Gym addition		Miscellaneous Specialties					
	Gym addition	1.00	Toil acc., entr mats & frames, signage,					
	Gym addition	2.00	fire ext., jan acc., etc.	5,100.00	GSF	1.00	5,100.00	

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E	EQ & FURNISHINGS		System Subtotal	5,100.00	SF	31.02		158,200.00
			Special					
	Gym addition	1.00	Folding walls	2,150.00	WSF	38.00	81,700.00	
	Gym addition	2.00	Gymnasium equipment	5,100.00	GSF	12.00	61,200.00	
	Gym addition	3.00	Casework, millwork, etc.	5,100.00	GSF	3.00	15,300.00	
F	SPECIAL		System Subtotal				Not used	
Z	GENERAL		Subtotal A-F					1,418,493.93
	Gym addition	1.00	Field Overhead Incl Phasing Premium				141,849.39	
	Gym addition	2.00	Subtotal				1,560,343.33	
	Gym addition	3.00	Main Office Overhead & Profit				156,034.33	
	Gym addition	4.00	Subtotal				1,716,377.66	
	Gym addition	5.00	Bonds & Insurance				25,745.66	
	Gym addition	6.00	SUBTOTAL	5,100.00	GSF			1,742,123.32

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ELEMENTARY SCHOOL SITEWORK								
				110,820.00 LOD				
ES Sitework	EROSION CONTROLS	1.00	Erosion, sedimentary contrls, disturbed area	2.54	AC	7,500.00	19,080.58	19,080.58
ES Sitework	CLEARING, SITE DEMO	1.00	Clearing, site demolition	1.00	LS	30,000.00	30,000.00	30,000.00
ES Sitework	EARTHWORK	1.00	Strip topsoil	1,354.47	CY	4.00	5,417.87	122,177.96
ES Sitework		2.00	Rough grading	8,208.89	CY	12.00	98,506.67	
ES Sitework		4.00	Respread topsoil	1,354.47	CY	4.00	5,417.87	
ES Sitework		5.00	Exterior backfill	641.78	CY	20.00	12,835.56	
ES Sitework	SITE CONCRETE	1.00	4" Concrete sidewalks	200.00	LF	22.50	4,500.00	31,300.00
ES Sitework		2.00	Curb & gutter, st'd CG-6 [allowance]	100.00	LF	18.00	1,800.00	
ES Sitework		3.00	Retaining walls [allowance]	25.00	CY	1,000.00	25,000.00	
ES Sitework	ONSITE PAVEMENT	1.00	Asphalt paving	0.00	SY	0.00	0.00	14,000.00
ES Sitework		2.00	Parking space marking	0.00	EA	0.00	0.00	
ES Sitework		3.00	Handicap parking space marking	5.00	EA	30.00	150.00	
ES Sitework		4.00	Signage with metal posts	5.00	EA	110.00	550.00	
ES Sitework		5.00	Repair playground	10,000.00	SF	1.00	10,000.00	
ES Sitework		6.00	Hardscape at Entry	300.00	SF	11.00	3,300.00	
ES Sitework	LANDSCAPING	1.00	Sod and seed	1.00	LS	5,000.00	5,000.00	31,333.33
ES Sitework		2.00	Repair seeded fields	57,000.00	SF	0.11	6,333.33	
ES Sitework		3.00	Plant materials & labor	1.00	LS	20,000.00	20,000.00	
ES Sitework	UTILITIES: WET	1.00	Storm sewer					194,750.00
ES Sitework		2.00	15" RCP assesmly, incl excavation, backfill	500.00	LF	79.00	39,500.00	
ES Sitework		3.00	SWM structures, manholes, inlets, endwalls	10.00	LF	6,500.00	65,000.00	
ES Sitework		4.00	UG SW detention, stormtech 740 chambers	2,500.00	CF	15.00	37,500.00	
ES Sitework		5.00	Sanitary sewer					
ES Sitework		6.00	8" PVC assesmly, incl excavation, backfill	300.00	LF	42.50	12,750.00	
ES Sitework		7.00	Sanitary sewer manholes	6.00	EA	5,500.00	33,000.00	
ES Sitework		8.00	Water					

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ES Sitework		9.00	6" PVC assesmly, incl excavation, backfill	200.00	LF	35.00	7,000.00	
ES Sitework	RESTORATION	1.00	Trench restoration, new primary utilities	2,500.00	SF	8.33	20,833.33	20,833.33
ES Sitework	MISCELLANEOUS	1.00	Field engineering	1.00	LS	20,000.00	20,000.00	145,000.00
ES Sitework		2.00	Site complexity premium, per conference call	1.00	LS	100,000.00	100,000.00	
ES Sitework		3.00	Miscellaneous sitework	1.00	LS	25,000.00	25,000.00	
ES Sitework		1.00	Subtotal					608,475.20
ES Sitework		2.00	Field Overhead Incl Phasing Premium				60,847.52	
ES Sitework		3.00	Subtotal				669,322.72	
ES Sitework		4.00	Main Office Overhead & Profit				66,932.27	
ES Sitework		5.00	Subtotal				736,254.99	
ES Sitework		6.00	Bonds & Insurance				11,043.82	
ES Sitework		7.00	SUBTOTAL					747,298.82