



ANNA REYNOLDS ELEMENTARY SCHOOL

85 Reservoir Road, Newington, CT 06111



Construction Document Estimate

***RENOVATE AS NEW
NEW BRITAIN, CONNECTICUT
STATE PROJECT NO. 094-0109 RNV***

January 14, 2022

**LEVEL 1 - MAJOR GROUPS COST SUMMARY
LEVEL 2 - GROUPS COST SUMMARY
ESTIMATE DETAIL
BID ALTERNATES AND VALUE MANAGEMENT - LOG
ESTIMATE RECONCILIATION SUMMARY**



**225 Newfield Avenue
Hartford, CT 06106
(860) 953-1477**

Anna Reynolds Elementary School (State Project No. 094-0109 RNV)

Newington Public Schools
Construction Document Estimate



LEVEL 1 - MAJOR GROUPS - SUMMARY

14-Jan-22

UNIFORMAT I		69,308 SF		
		Anna Reynolds ES	/SF	%
A	SUBSTRUCTURE	\$ 220,453	\$3.18	0.62%
B	SHELL	\$ 4,568,203	\$65.91	12.87%
C	INTERIORS	\$ 4,648,351	\$67.07	13.09%
D	SERVICES	\$ 9,871,710	\$142.43	27.81%
E	EQUIPMENT & FURNISHINGS	\$ 341,012	\$4.92	0.96%
F	SPECIAL CONSTRUCTION & DEMOLITION	\$ 2,081,639	\$30.03	5.86%
G	BUILDING SITEWORK	\$ 3,608,086	\$52.06	10.16%
Z	GENERAL REQUIREMENTS	\$ 990,764	\$14.30	2.79%
		\$ 26,330,218	\$379.90	74.17%
	DESIGN CONTINGENCY 0.00%	\$ -	\$0.00	0.00%
	PERMITS - STATE FEE ONLY 0.00%	In Soft Costs	\$0.00	0.00%
	GENERAL CONDITIONS 4.87%	\$ 1,462,023	\$21.09	4.12%
	PROF & GENERAL LIABILITY INS (Bal. of cost only) in GRs	\$ 20,142	\$0.29	0.06%
	BUILDERS RISK 0.00%	By Owner	\$0.00	0.00%
	CONSTRUCTION CONTINGENCY 3.00%	\$ 833,767	\$12.03	2.35%
	CM FEE 1.30%	\$ 372,400	\$5.37	1.05%
	PERFORM & PAYMENT BONDS (Bal. of cost only) in GRs	\$ 24,506	\$0.35	0.07%
	ESCALATION 3.42%	\$ 979,646	\$14.13	2.76%
	PRECONSTRUCTION LS	In GCs	\$0.00	0.00%
		\$ 3,692,484	\$53.28	10.40%
TOTAL CONSTRUCTION COST		\$ 30,022,702	\$433.18	84.57%
		Soft Costs	\$ 4,056,511	
		Owner Contingency	\$ 1,420,786	4.00%
TOTAL PROJECT COST		\$ 35,500,000	\$512.21	100.00%
		Grant Amount	\$ 35,500,000	
		(Under) / + Over Grant Amount	(0)	

SOFT COST BUDGET DETAILS		Amount	/SF	%
R1010 Architect/Engineer		\$ 1,094,350	\$15.79	3.08%
R2010 Environmental Testing		\$ 59,400	\$0.86	0.17%
R2010 Environmental Consultant		\$ 120,000	\$1.73	0.34%
R3010 Commissioning		\$ 48,350	\$0.70	0.14%
R4010 Geotechnical	w/ arch	\$0.00	\$0.00	0.00%
R5010 Cost Estimator	w/ CM	\$0.00	\$0.00	0.00%
R6010 Owners Rep		\$ 464,159	\$6.70	1.31%
R7010 CM Pre Construction	In GCs	\$0.00	\$0.00	0.00%
R8010 FF&E Coordinator	w/ OPM	\$0.00	\$0.00	0.00%
R9010 Legal		\$ 25,000	\$0.36	0.07%
S1010 FF&E		\$ 875,000	\$12.62	2.46%
S2010 Technology		\$ 650,000	\$9.38	1.83%
S3010 Playground Equipment		\$ 193,000	\$2.78	0.54%
S4010 Playground Surfacing	w/ play equipment	\$0.00	\$0.00	0.00%
S5010 Moving		\$ 150,000	\$2.16	0.42%
T1010 District Bonding Fees		\$ 140,000	\$2.02	0.39%
T2010 Insurance Cost		\$ 80,000	\$1.15	0.23%
T3010 Town Staff Costs		\$ -	\$0.00	0.00%
T4010 Town Permit Fees		\$ -	\$0.00	0.00%
T5010 State Permit Fees		\$ 7,781	\$0.11	0.02%
T6010 Material Inspection Fees		\$ 35,000	\$0.50	0.10%
T6010 Special Inspection Fees		\$ 7,000	\$0.10	0.02%
T7010 Printing & Mailing		\$ 10,000	\$0.14	0.03%
T8010 Other Costs		\$ 50,000	\$0.72	0.14%
U1010 Owner's Contingencies	see above	\$0.00	\$0.00	0.00%
U1010 Utility Company Charges		\$ 6,421	\$0.09	0.02%
W1010 Third Party Review		\$ 11,050	\$0.16	0.03%
W2010 Energy Consumption		\$ 27,000	\$0.39	0.08%
W3010 DEEP Permit		\$ 3,000	\$0.04	0.01%
W4010 Appraisals		\$0.00	\$0.00	0.00%
W5010 Land Survey		\$ -	\$0.00	0.00%
W6010 Other Acquisition Costs		\$ -	\$0.00	0.00%
		\$ 4,056,511	\$58.53	11.43%

Anna Reynolds Elementary School (State Project No. 094-0109 RNV)

Newington Public Schools

Construction Document Estimate

LEVEL 2 - GROUP SUMMARY

69,308 SF

CONSTRUCTION COSTS		Anna Reynolds ES	/SF	%
A10	FOUNDATIONS	\$ 220,453	\$3.18	0.62%
B10	SUPERSTRUCTURE	\$ 493,156	\$7.12	1.39%
B20	EXTERIOR ENCLOSURE	\$ 2,409,833	\$34.77	6.79%
B30	ROOFING	\$ 1,665,214	\$24.03	4.69%
C10	INTERIOR CONSTRUCTION	\$ 2,744,386	\$39.60	7.73%
C20	STAIRS	\$ 26,629	\$0.38	0.08%
C30	FINISHES	\$ 1,877,336	\$27.09	5.29%
D10	CONVEYING	\$ 120,750	\$1.74	0.34%
D20	PLUMBING	\$ 1,420,994	\$20.50	4.00%
D30	HVAC	\$ 4,525,157	\$65.29	12.75%
D40	FIRE PROTECTION	\$ 362,148	\$5.23	1.02%
D50	ELECTRICAL	\$ 3,442,661	\$49.67	9.70%
E10	EQUIPMENT	\$ 268,840	\$3.88	0.76%
E20	FURNISHINGS	\$ 72,172	\$1.04	0.20%
F20	SELECTIVE BUILDING DEMOLITION	\$ 2,081,639	\$30.03	5.86%
G10	SITE PREPARATION	\$ 644,797	\$9.30	1.82%
G20	SITE IMPROVEMENTS	\$ 2,131,525	\$30.75	6.00%
G30	SITE MECHANICAL UTILITIES	\$ 446,337	\$6.44	1.26%
G40	SITE ELECTRICAL UTILITIES	\$ 385,427	\$5.56	1.09%
Z10	GENERAL REQUIREMENTS	\$ 990,764	\$14.30	2.79%
		\$ 26,330,218	\$379.90	74.17%
	DESIGN CONTINGENCY 0.00%	\$ -	\$0.00	0.00%
	PERMITS - STATE FEE ONLY 0.00%	In Soft Costs	\$0.00	0.00%
	GENERAL CONDITIONS 4.87%	\$ 1,462,023	\$21.09	4.12%
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	ESCALATION 3.42%	\$ 979,646	\$14.13	2.76%
	PRECONSTRUCTION LS	In Soft Costs	\$0.00	0.00%
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TOTAL CONSTRUCTION COST		\$ 30,022,702	\$433.18	84.57%
		Soft Costs	\$ 4,056,511	
		Owner Contingency	\$ 1,420,786	
TOTAL PROJECT COST		\$ 35,500,000	\$512.21	100.00%
		Grant Amount	\$ 35,500,000	
(Under) / + Over Grant Amount		\$ (0)		

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
A10	FOUNDATIONS	69,308	SF		\$	220,453	\$3.18	
	A1010 FOUNDATIONS							
	Strip Footing @ Elevator Addition							
	Excavation	35	CY	\$50.00	\$	1,759		
	Premium for rock excv	18	CY	\$65.00	\$	1,144		
	Formwork	84	SF	\$12.00	\$	1,003		
	Concrete	3.9	CY	\$350.00	\$	1,355		
	Reinforcing	252	LBS	\$1.25	\$	314		
	Backfill with controlled material	31	CY	\$35.00	\$	1,096		
	Footing Step	0	EA	\$750.00	\$	-		
	Pump	1	EA	\$1,800.00		w/below		
	Subtotal Strip Footing @ Elevator Addition	38	LF	\$175.55	\$	6,671		
	CUYD	3.9	CY	\$1,723.61				
	CUYD w/o Earthwork	3.9	CY	\$690.37				
	Spread footing @ Elevator Addition-12"- F3							
	Excavation	121	SF	<<info>>				
	Premium for rock excv	27	CY	\$50.00	\$	1,344		
	Compacted structural fill-6"	13	CY	\$65.00	\$	874		
	Concrete	2	CY	\$105.00	\$	235		
	Place and Finish, sawcut	5	CY	\$194.25	\$	958		
	Edge Form	121	SF	\$8.00	\$	968		
	Reinforcing	1	Allow	\$2,625.00	\$	2,625		
	Pump	320	LBS	\$1.25	\$	401		
	Backfill with imported material	1	EA	\$1,890.00	\$	1,890		
	Subtotal Spread footing @ Elevator Addition-12"- F3	121	SF	\$76.82	\$	9,295		
	Column Footing F4 (4'0"x4'0"x1'6")							
	Excavation	5	CY	\$50.00	\$	267		4.0
	Formwork	24	SF	\$12.00	\$	288		4.0
	Concrete	2	CY	\$350.00	\$	684		1.5
	Reinforcing	127	LBS	\$1.25	\$	159		65.0
	Backfill with imported material	3	CY	\$35.00	\$	118		
	Subtotal Column Footing F4 (4'0"x4'0"x1'6")	2	EA	\$758.00	\$	1,516		
	CUYD	2	CY	\$775.23				
	Column Footing F4.5 (4'6"x4'6"x1'6")							
	Excavation	3	CY	\$50.00	\$	169		4.5
	Formwork	14	SF	\$12.00	\$	162		4.5
	Concrete	1	CY	\$350.00	\$	433		1.5
	Reinforcing	80	LBS	\$1.25	\$	101		65.0
	Backfill with imported material	2	CY	\$35.00	\$	75		
	Subtotal Column Footing F4.5 (4'6"x4'6"x1'6")	1	EA	\$940.00	\$	940		
	CUYD	1	CY	\$759.60				
	Column Footing F6.5 (6'6"x6'6"x1'6")							
	Excavation	7	CY	\$50.00	\$	352		6.5
	Formwork	20	SF	\$12.00	\$	234		6.5
	Concrete	3	CY	\$350.00	\$	904		1.5
	Reinforcing	168	LBS	\$1.25	\$	210		65.0
	Backfill with imported material	4	CY	\$35.00	\$	156		
	Subtotal Column Footing F6.5 (6'6"x6'6"x1'6")	1	EA	\$1,856.00	\$	1,856		
	CUYD	3	CY	\$718.84				
	New Elevator and Machine room Foundation walls 12" Thk							
	Excavation	36	CY	\$50.00		w/footings abv		5.0 hgt ft
	Formwork	320	SF	\$12.60	\$	4,032		1.0 width ft
	Concrete	7	CY	\$262.50	\$	1,711		
	Reinforcing	960	LBS	\$1.31	\$	1,260		06.00 lbs per sfw
	Pump	1	EA	\$1,890.00	\$	1,890		
	Backfill with controlled material	36	CY	\$36.75		w/footings abv		
	Subtotal New Elevator and Machine room Foundation walls 12" Thk	32	LF	\$277.91	\$	8,893		
	CUYD	7	CY	\$745.72				
	New Elevator and Machine room Foundation walls 18" Thk							
	Excavation	57	CY	\$50.00		w/footings abv		5.0 hgt ft
	Formwork	510	SF	\$12.60	\$	6,426		1.5 width ft
	Concrete	16	CY	\$262.50	\$	4,091		
	Reinforcing	1,530	LBS	\$1.31	\$	2,008		06.00 lbs per sfw
	Pump	1	EA	\$1,890.00	\$	1,890		
	Backfill with controlled material	57	CY	\$36.75		w/footings abv		
	Subtotal New Elevator and Machine room Foundation walls 18" Thk	51	LF	\$282.65	\$	14,415		
	CUYD	16	CY	\$512.66				
	Strip Footing-EXTERIOR Retaining Wall @ Loading Dock Area							
	Excavation	83	CY	\$50.00	\$	4,167		
	Premium for rock excv	42	CY	\$65.00	\$	2,708		
	Formwork	198	SF	\$12.00	\$	2,376		
	Concrete	12.8	CY	\$350.00	\$	4,492		
	Reinforcing	834	LBS	\$1.25	\$	1,043		
	Backfill with controlled material	71	CY	\$35.00	\$	2,468		
	Footing Step	0	EA	\$750.00	\$	-		
	Pump	1	EA	\$1,800.00	\$	1,800		
	Subtotal Strip Footing-EXTERIOR Retaining Wall @ Loading Dock Area	90	LF	\$211.71	\$	19,054		
	CUYD	12.8	CY	\$1,484.73				
	CUYD w/o Earthwork	12.8	CY	\$756.70				
	Foundation Wall-EXTERIOR Retaining Wall @ Loading Dock Area							
	Excavation	120	CY	\$50.00		w/footings abv		6.0 hgt ft
	Formwork	1,080	SF	\$12.60	\$	13,608		2.0 width ft
	Concrete	44	CY	\$350.00	\$	15,400		
	Reinforcing	3,240	LBS	\$1.31	\$	4,253		06.00 lbs per sfw
	Pump	1	EA	\$1,890.00	\$	1,890		
	Backfill with controlled material	120	CY	\$36.75		w/footings abv		
	Subtotal Foundation Wall-EXTERIOR Retaining Wall @ Loading Dock Area	90	LF	\$390.57	\$	35,151		
	CUYD	44	CY	\$489.61				

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



14-Jan-22

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	SOG Infill at new underground sanitary and Storm Area D - SOG Infill at new underground sanitary and Storm	1,278 500	SF SF	\$26.25 \$26.25		\$ 33,534 \$ 13,125		
	Sawcutting and Concrete in-fill for Electrical Floor Trenches & Ductbank	180	LF	\$50.00		\$ 9,000		
	Shoring and Underpinning existing flooring @ new elevator footing addition	27	LF	\$500.00		\$ 13,500		
	Repair Foundation @ classroom wings - Surface crack repairs clean spalls and re-grout	2,670	SF	\$10.00		\$ 26,700		
	OSCG- A1010. Standard Foundations				\$ 193,650			
	A1020 SPECIAL FOUNDATIONS					None		
	OSCG- A1020. Special Foundations				\$ -			
	A1030 SLAB ON GRADE A103002 SLAB ON GRADE 3" Slab on Grade @ Crawl Space Compacted structural fill-12" 15 Mil Vapor Barrier Concrete Place and Finish, sawcut Edge Form Mesh Pump	3,057 130 3,363 31 3,057 1 3,363 1	SF CY SF CY SF Allow SF EA	<<info>> \$105.00 \$0.37 \$194.25 \$8.00 \$2,625.00 \$0.53 \$1,890.00		NR NR NR NR NR NR NR		Assume Flowable Fill
	Subtotal 3" Slab on Grade @ Crawl Space:	3,057	SF	\$0.00	\$ -			
	Mechanical Pads - Concrete	1,000	SF	\$15.00		\$ 15,000		
	Mechanical Pads - sitework	1,000	SF	\$5.00		\$ 5,000		
	A202002 MOISTURE PROTECTION Moisture Mitigation at existing and new patched slabs Elevator pit waterproofing, prep etc.	62,500 440	SF SF	\$3.68 \$10.50		in Floor Finishes \$ 4,620		
	A1099 PHASING AND LOGISTICS Phasing and Logistics Premium - remobilization for Moisture Mitigation Courtyard Access - Patch and Repair Concrete Foundation and Slab at Corridor D102	218,270 1	\$\$ CD	1% \$6,825.00		\$ 2,183 NR		
		69,308	GSF	\$0.03	\$ 2,183			
	OSCG- A1030. Slab on Grade				\$ 26,803			
A20	BASEMENT CONSTRUCTION	69,308	SF		\$ -	\$0.00		
	A2010 BASEMENT EXCAVATION A201001 EXCAVATION FOR BASEMENTS					in Foundations		
	OSCG- A2010. Basement Excavation				\$ -			
	A201002 BASEMENT WALLS					in Foundations		
	OSCG- A2020. Basement Walls				\$ -			
B10	SUPERSTRUCTURE	69,308	SF		\$ 493,156	\$7.12		
	B1010 FLOOR CONSTRUCTION B101001 STRUCTURAL FRAME High Roof Framing MF-1, Cafeteria Cut Roofing to expose Existing Beam Connections to Columns Patch Roofing New 1" Plate Welded to underside of beam & face of column New HHS 6x6x3/8 Field Welded to inside flange of existing 8WF31 Columns Field Welds Architectural Modifications	2 2 2 2 4 1	Loc Loc EA EA Loes Allow	\$750.00 \$1,500.00 \$2,500.00 \$5,000.00 \$1,500.00 \$2,500.00		\$ 1,500 \$ 3,000 \$ 5,000 \$ 10,000 \$ 6,000 \$ 2,500		
		69,308	GSF	\$0.40	\$ 28,000			
	Moment Connections and Field Welded Connections	46	locations	\$1,000.00		\$ 46,000		
	Steel Framing, Deck, Concrete Fill, Mesh - Cafetorium to Platform	203	SF	\$41.00		\$ 8,323		
	Structural Steel Strengthening @Storage & Ramp 1st Floor W10x22	0.93	TNS	\$7,500.00		\$ 6,988		
	New Columns HSS5x5x0.375 W12x88 HSS4x4x0.375	0.28 0.79 1.19	TNS TNS TNS	\$7,500.00 \$7,500.00 \$7,500.00		\$ 2,070 \$ 5,940 \$ 8,910		
	Courtyard Columns Clean and Seal Existing Tube Steel Column Base Plates Precast Connection Clips Welded to Existing Columns	20 104	EA ALLOW	\$155.00 \$75.00		\$ 3,100 \$ 7,819		19 or 20 each
	New Columns (plus architectural scope) at North Cafetorium Columns Relieving Angles at windows	3.00 1.00	EA ALLOW	\$8,000.00 \$10,000.00		\$ 24,000 \$ 10,000		
	Structural Angles Structural Angles at top of Foundation walls, Support and connections to precast Structural Angles at top of Foundation wall - at window infills area D Structural Concrete Infill and Steel Angle at top of foundation wall - 3 & 4 on A610	75 50 45	LF LF LF	\$35.00 \$35.00 \$55.00		\$ 2,625 \$ 1,750 \$ 2,475		A1.03 - detail 1,3,4,5 A604, A605 3 on A608 3 & 4 on A610
	Shoring for the column replacement and structure reinforcement							
	Shoring at New Support Framing - note 22, at new equipment installations	5	LOC	\$2,500.00		\$ 12,500		
	Shoring at New Support Framing - S106 Notes 18, 20 - at Cafeteria and Entrance	2	LOC	\$2,500.00		\$ 5,000		
		7	EA	\$2,500.00	\$ 17,500			
	Miscellaneous Metals							

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



14-Jan-22

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Replace lintels at doors	18	EA	\$750.00		\$ 13,500		
	Replace lintels at Media Center Windows	10	LF	\$997.50		\$ 9,975		
	Expansion Joint Assemblies at new construction and existing Bldg (2 locations)	30	LF	\$157.50		\$ 4,725		
	Expansion Joint Assemblies at Original Bldg and later additions (2 locations)	60	LF	\$157.50		\$ 9,450		
		69,308	GSF	\$0.54	\$ 37,650			
	OSCG- B1010. Floor Construction				\$ 213,150			
	B1020 ROOF CONSTRUCTION							
	Roof Framing							
	L5x3.5x5/16	3.93	TNS	\$2,150.00		\$ 8,456	874	
	W08x15	0.41	TNS	\$2,150.00		\$ 887	55	
	W08x24	1.96	TNS	\$2,150.00		\$ 4,205	163	
	W08x31	1.01	TNS	\$2,150.00		\$ 2,166	65	
	W10x12	0.11	TNS	\$2,150.00		\$ 245	19	
	W10x33	1.07	TNS	\$2,150.00		\$ 2,306	65	
	W12x26	0.52	TNS	\$2,150.00		\$ 1,118	40	
	W12x40	1.40	TNS	\$2,150.00		\$ 3,010	70	
	W14x22	0.51	TNS	\$2,150.00		\$ 1,088	46	
	W6x25	0.08	TNS	\$2,150.00		\$ 161	6	
	W8x10	2.63	TNS	\$2,150.00		\$ 5,644	210	
	W10x12-Canopy	0.39	TNS	\$2,150.00		\$ 839	65	
	W10x19-Canopy	0.38	TNS	\$2,150.00		\$ 817	40	
	W10x33-Canopy	1.16	TNS	\$2,150.00		\$ 2,483	70	
	W12x26-Canopy	0.60	TNS	\$2,150.00		\$ 1,286	46	
	W12x35-Canopy	0.11	TNS	\$2,150.00		\$ 226	6	
	W14x34-Canopy	3.57	TNS	\$2,150.00		\$ 7,676	210	
	W4x4x3/8-Canopy	0.63	TNS	\$2,150.00		\$ 1,355	70	
	Bracing (Fab & Deliver)	1.02	TNS	\$2,150.00		\$ 2,198	5.0%	
	Connections (Fab & Deliver)	1.02	TNS	\$2,150.00		\$ 2,198	5.0%	
	Erection	22	TNS	\$5,750.00		\$ 129,343		
	Roof Metal Deck replacement - new roof drains	30	Loc	\$250.00		\$ 7,500		
	Other roof metal deck at new Equipment supports	530	SF	\$6.00		\$ 3,180		
	Metal Deck Canopy	535	SF	\$6.00		\$ 3,210		
	New Canopy High Performance Coatings	524	SF	\$5.25		\$ 2,751		
	Joist Strengthening Detail "R1"-Welded 5/8" Rod & L1/2x1.5x0.25 Area F	17	EA	\$1,000.00		\$ 17,000		
	R3 S4.01 - 10'L - 10x33 bolted to existing 7" concrete slab - Adjacent to Entrance Canopy	2	EA	\$5,000.00		\$ 10,000		
	R1 and R2 S4.01 - 12x40 and 6x25 at Cafeteria	1	EA	\$7,500.00		\$ 7,500		
	MF-1 High Roof framing - Cafeteria					\$ -		
	CFMF Shear Walls	2,581	sf	\$15.00		\$ 38,715		
	Base Plates for new framing - Prepare existing load bearing surface, furnish & install	48	EA	\$95.00		\$ 4,560		
		22.49	TNS	\$12,097.34	\$ 272,123			
	Fireproofing							
	SOPF new structural members	22	Tons	\$1,555.94		Not Required		
	Intumescent Fireproofing - 3 Exterior Columns	3.0	EA	\$525.00		Not Required		
	SOPF at top of Rated Masonry & DW Partitions - See details on A901	1	LS	\$25,000.00		Not Required		
		69,308	GSF	\$0.00	\$ -			
	Roof Access ladder - 2 ea	30	VLF	\$100.00		\$ 3,000		
	Perimeter Protection & Safety	69,308	GSF	\$0.20		in Units Above		
	Survey & Layout	69,308	GSF	\$0.15		in Units Above		
	B1099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization for Roof Building Steel Framing	488,273	\$\$	1%		\$ 4,883		
	Courtyard Access - Rebuild Steel Framed Corridor D102 Structure, incl roof deck	0	TN	\$4,725.00	Assume no steel modification req'd			
		69,308	GSF	\$0.07	\$ 4,883			
	OSCG- B1020. Roof Construction				\$ 280,006			
B20	EXTERIOR ENCLOSURE	69,308	SF			\$ 2,409,833	\$34.77	
	B2010 EXTERIOR WALLS							
	Exterior Wall Quantities	12,928	SFW	Info				
	1) Brick Veneer on CFMF Backup	1,973	SFW	15.26%				
	2) Brick Veneer on CMU Backup	1,517	SFW	11.73%				
	3) 3" Corrugated Metal Panel on One (1) Layer CFMF	999	SFW	7.73%				
	4) 3" Corrugated Insulated Metal Panel on (1) layer CFMF & CMU 3/A6.02	81	SFW	0.63%				
	5) 3" Corrugated Insulated Metal Panel on (2) layer CFMF	1,754	SFW	13.57%				
	6) 3" Insulated Metal Panel on (2) layer CFMF	2,632	SFW	20.36%				
	7) Precast Panels on (1) layer CFMF Backup	3,527	SFW	27.28%				
	8) Precast Panels on CMU backup	445	SFW	3.44%				
	1) Brick Veneer on CFMF Backup	1,973	SFW	<<info>>				
	Brick Veneer	1,973	SF	\$40.00		\$ 78,920		
	3" Rigid Insulation	1,973	SF	\$4.20		\$ 8,287		
	AV Barrier	1,973	SF	\$7.35		\$ 14,502		
	5/8" Exterior Gyp Sheathing	1,973	SF	\$2.63		\$ 5,179		
	6" Cold Formed Metal Framing Back-up	1,973	SF	\$15.75		\$ 31,075		
	5/8" Interior Gyp Bd	1,973	SF	\$2.10		\$ 4,143		
	Back-up Wall Reinforcing	1,973	SF	\$2.10		\$ 4,143		
	Paint Interior CMU wall	1,973	SF	\$2.10		in Wall Finishes		
		1,973	SF	\$74.13	\$ 146,249			
	2) Brick Veneer on CMU Backup	1,517	SFW	<<info>>				
	Brick Veneer	1,517	SF	\$40.00		\$ 60,680		
	Rigid Insulation	1,517	SF	\$4.20		\$ 6,371		
	AV Barrier	1,517	SF	\$7.35		\$ 11,150		
	8" CMU Backup	1,517	SF	\$24.15		\$ 36,636		
	Back-up Wall Reinforcing	1,517	SF	\$2.10		\$ 3,186		
	Paint Interior Gyp wall	1,517	SF	\$1.58		in Wall Finishes		
		1,517	SF	\$77.80	\$ 118,023			
	3) 3" Corrugated Metal Panel on One (1) Layer CFMF	999	SFW	<<info>>				
	Insulated Metal Panel 3" Thk	999	SF	\$74.36		\$ 74,286		

ESTIMATE DETAIL
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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	AV Barrier	999	SF	\$7.35		\$ 7,343		
	5/8" Exterior Gyp Sheathing	999	SF	\$2.63		\$ 2,622		
	3 5/8" Cold Formed Metal Framing Back-up- 1st row	999	SF	\$12.60		\$ 12,587		
	Batt Insulation	999	SF	\$1.05		\$ 1,049		
	5/8" Plywood (Roofing side)	999	SF	\$2.10		\$ 2,098		
	Back-up Wall Reinforcing	999	SF	\$2.10		\$ 2,098		
	Paint Interior Wall	999	SF	\$2.10		in Wall Finishes		
		999	SF	\$102.19	\$ 102,083			
	4) 3" Corrugated Insulated Metal Panel on (1) layer CFMF & CMU 3/A6.02	81	SFW	<<info>>				
	Insulated Metal Panel 3" Thk	81	SF	\$74.36		\$ 6,023		
	AV Barrier	81	SF	\$7.35		\$ 595		
	5/8" Exterior Gyp Sheathing	81	SF	\$2.63		\$ 213		
	3 5/8" Cold Formed Metal Framing Back-up- 1st row	81	SF	\$12.60		\$ 1,021		
	Batt Insulation	81	SF	\$1.05		\$ 85		
	CMU Backup	81	SF	\$24.15		\$ 1,956		
	Back-up Wall Reinforcing	81	SF	\$2.10		\$ 170		
	Paint Interior CMU wall	81	SF	\$2.10		in Wall Finishes		
		81	SF	\$124.23	\$ 10,063			
	5) 3" Corrugated Insulated Metal Panel on (2) layer CFMF	1,754	SFW	<<info>>				
	Insulated Metal Panel 3" Thk	1,754	SF	\$74.36		\$ 130,427		
	AV Barrier	1,754	SF	\$7.35		\$ 12,892		
	5/8" Exterior Gyp Sheathing	1,754	SF	\$2.63		\$ 4,604		
	3 5/8" Cold Formed Metal Framing Back-up- 1st row	1,754	SF	\$12.60		\$ 22,100		
	Batt Insulation	1,754	SF	\$1.05		\$ 1,842		
	4 5/8" Cold Formed Metal Framing Back-up- 2nd row	1,754	SF	\$13.65		\$ 23,942		
	5/8" Interior Gyp Bd	1,754	SF	\$2.10		\$ 3,683		
	Back-up Wall Reinforcing	1,754	SF	\$2.10		\$ 3,683		
	Paint Interior CMU wall	1,754	SF	\$2.10		in Wall Finishes		
		1,754	SF	\$115.83	\$ 203,173			
	6) 3" Insulated Metal Panel on (2) layer CFMF	2,632	SFW	<<info>>				
	Insulated Metal Panel 3" Thk	2,632	SF	\$74.36		\$ 195,716		
	AV Barrier	2,632	SF	\$7.35		\$ 19,345		
	5/8" Exterior Gyp Sheathing	2,632	SF	\$2.63		\$ 6,909		
	3 5/8" Cold Formed Metal Framing Back-up- 1st row	2,632	SF	\$12.60		\$ 33,163		
	Batt Insulation	2,632	SF	\$1.05		\$ 2,764		
	4 5/8" Cold Formed Metal Framing Back-up- 2nd row	2,632	SF	\$13.65		\$ 35,927		
	5/8" Interior Gyp Bd	2,632	SF	\$2.10		\$ 5,527		
	Back-up Wall Reinforcing	2,632	SF	\$2.10		\$ 5,527		
	Paint Interior CMU wall	2,632	SF	\$2.10		in Wall Finishes		
		2,632	SF	\$115.84	\$ 304,878			
	7) Precast Panels on (1) layer CFMF Backup	3,527	SFW	<<info>>				
	Precast Profile Panels	3,527	SF	\$60.00		\$ 211,620		
	Foam Insulation 3"	3,527	SF	\$6.30		\$ 22,220		
	3 5/8" Cold Formed Metal Framing Back-up	3,527	SF	\$12.60		\$ 44,440		
	Foam Insulation 3"	3,527	SF	\$6.30		\$ 22,220		
	5/8" Interior Gyp Bd	3,527	SF	\$2.10		\$ 7,407		
	Back-up Steel Post Reinforcing (Steel Post see Structural)	3,527	SF	\$2.10		\$ 7,407		
	Paint Interior wall	3,527	SF	\$2.10		in Wall Finishes		
		3,527	SF	\$89.40	\$ 315,314			
	8) Precast Panels on CMU backup	445	SFW	<<info>>				
	Precast Profile Panels	445	SF	\$60.00		\$ 26,700		
	Foam Insulation 3"	445	SF	\$6.30		\$ 2,804		
	8" CMU Backup	445	SF	\$24.15		\$ 10,747		
	Back-up Wall Reinforcing	445	SF	\$2.10		\$ 935		
	Paint Interior wall	445	SF	\$2.10		in Wall Finishes		
		445	SF	\$92.55	\$ 41,186			
	Canopy Soffit at Entry							
	Framing for Metal Ceiling	1,026	SF	\$10.00		\$ 10,260		
	Roof Wall and Fascia Framing	300	SF	\$10.00		\$ 3,000		
	MetalWorks Linear Exterior Soffit - C4	1,026	SF	\$15.00		\$ 15,390		
	Masonry Re-pointing	1,000	SF	\$10.00		\$ 10,000		Allowance
	Masonry Cleaning Existing Brick	14,000	SF	\$2.00		\$ 28,000		Allowance
	OSCG- B2010. Exterior Walls				\$ 1,422,380			
	B2020 EXTERIOR WINDOWS							
	B202002 STOREFRONTS							
	Aluminum Storefront/Windows - Center Set	7,614	SFW	<<info>>		\$ -		
	Aluminum Glazing-AS01	121	SF	\$98.43		\$ 11,910		
	Aluminum Glazing-AS03	74	SF	\$98.43		\$ 7,284		
	Aluminum Glazing-AS04	77	SF	\$98.43		\$ 7,579		
	Aluminum Glazing-AS05	203	SF	\$98.43		\$ 19,981		
	Aluminum Glazing-AS06	1,738	SF	\$98.43		\$ 171,071		
	Aluminum Glazing-AS07	204	SF	\$98.43		\$ 20,080		
	Aluminum Glazing-AS08	66	SF	\$98.43		\$ 6,496		
	Aluminum Glazing-AS10	90	SF	\$98.43		\$ 8,859		
	Aluminum Glazing-AS11	275	SF	\$98.43		\$ 27,068		
	Aluminum Glazing-AS12	878	SF	\$98.43		\$ 86,422		
	Aluminum Glazing-AS13	59	SF	\$98.43		\$ 5,807		
	Aluminum Glazing-AS15	70	SF	\$98.43		\$ 6,890		
	Aluminum Glazing-AS16	35	SF	\$98.43		\$ 3,445		
	Aluminum Glazing-AS17	68	SF	\$98.43		\$ 6,693		
	Aluminum Glazing-AS18	541	SF	\$98.43		\$ 53,251		

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	Aluminum Glazing-AS18	129	SF	\$98.43		\$ 12,697		
	Aluminum Glazing-AS19	133	SF	\$98.43		\$ 13,091		
	Aluminum Glazing-AS20	393	SF	\$98.43		\$ 38,683		
	Aluminum Glazing-AS21	203	SF	\$98.43		\$ 19,981		
	Aluminum Glazing-AS22	107	SF	\$98.43		\$ 10,532		
	Aluminum Glazing-AS24	75	SF	\$98.43		\$ 7,382		
	Aluminum Glazing-AS25	97	SF	\$98.43		\$ 9,548		
	Aluminum Glazing-AS26	45	SF	\$98.43		\$ 4,429		
	Aluminum Glazing-AS27	77	SF	\$98.43		\$ 7,579		
	Aluminum Glazing-AS28	18	SF	\$98.43		\$ 1,772		
	Aluminum Glazing-AS29	13	SF	\$98.43		\$ 1,280		
	Aluminum Glazing-AS30	126	SF	\$98.43		\$ 12,402		
	Aluminum Glazing-AS32	195	SF	\$98.43		\$ 19,194		
	Aluminum Glazing-AS33	100	SF	\$98.43		\$ 9,843		
	Aluminum Glazing-AS35	131	SF	\$98.43		\$ 12,894		
	Aluminum Glazing-AS36	74	SF	\$98.43		\$ 7,284		
	Aluminum Glazing-AS37	103	SF	\$98.43		\$ 10,138		
	Aluminum Glazing-AS38	19	SF	\$98.43		\$ 1,870		
	Aluminum Glazing-AS39	133	SF	\$98.43		\$ 13,091		
	Aluminum Glazing-AS40	61	SF	\$98.43		\$ 6,004		
	Aluminum Glazing-AS41	57	SF	\$98.43		\$ 5,611		
	Aluminum Glazing-AS42	48	SF	\$98.43		\$ 4,725		
	Aluminum Glazing-AS43	90	SF	\$98.43		\$ 8,859		
	Aluminum Glazing-AS44	43	SF	\$98.43		\$ 4,232		
	Aluminum Glazing-AS45	198	SF	\$98.43		\$ 19,489		
	Aluminum Glazing-AS46	346	SF	\$98.43		\$ 34,057		
	Aluminum Glazing-AS47,48	66	SF	\$98.43		\$ 6,496		
	Aluminum Glazing-AS49	35	SF	\$98.43		\$ 3,445		
	Premium for School Guard Glazing @ Entrances	737	SF	\$78.75		\$ 58,039		
	Premium for Operable Windows in Classrooms	1,082	SF	\$15.00		\$ 16,230		
	Joint sealants @ Windows/Storefront	7,614	SF	\$1.31		\$ 9,993		
		7,614	SF	\$109.50	\$ 833,706			
	B202003 CURTAIN WALLS	381	SFW	<<info>>				
	Fiberglass Sandwich panel (Kalwall system)	381	SF	\$95.00		\$ 36,195		
	Joint sealants @ Windows/Storefront	381	SF	\$1.31		\$ 500		
		381	SF	\$96.31	\$ 36,695			
	OSCG- B2020. Exterior Windows				\$ 870,401			\$1,004,000 Commercial Storefront
	B2030 EXTERIOR DOORS							
	B203001 SOLID DOORS							
	HM Door and HM Frame-Double (installed)	2	EA	\$3,539.75		\$ 7,080		
	HM Door and HM Frame-Single (installed)	2	EA	\$2,405.75		\$ 4,812		
		4	SF	\$2,973.00	\$ 11,892			
	B203002 GLAZED DOORS							
	Exterior Aluminum Glazed Door-w/School Guard Glazing	22	EA	\$4,780.00		\$ 105,160		
		22	SF	\$4,780.00	\$ 105,160			
	OSCG- B2030. Exterior Doors				\$ 117,052			
	B2099 TEMPORARY ENCLOSURE - WINTER PROTECTION							
	Masonry winter conditions	2	MO	\$10,500.00		\$ 21,000		
	Temporary Tarp Exterior wall	12,000	SF	\$5.00		\$ 60,000		
	B2099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization	2,376,072	\$\$	1%		\$ 23,761		
	Temporary Window Protection-Gym/Café	1	LS	\$10,000.00		\$ 10,000		
	Temporary exterior wall Enclosures - Assumed Tarp	12,000	SFW	\$4.00		w/GR's		
	Temporary exterior wall and access doors at corridor D102 and D101 (2 double doors)	2	EA	\$7,875.00		in above New Ext Door Pricing		
	Courtyard Access - Rebuild Exterior Walls of Corridor D101 and D102	495	SFW	\$78.75		NR		
		69,308	GSF	\$1.66	\$ 114,761			
B30	ROOFING	69,308	SF			\$ 1,665,214	\$24.03	
	B3010 ROOF DEMOLITION							
	Roof Demolition (including dumpsters)	66,531	SF	\$2.50		\$ 166,328		
	B3010 ROOF COVERINGS							
	Roofing Coverings-a (1954 bldg)							
	Roof: PVC, 1/2" cover bd, two (2) Layer of 2" Insulation on New Metal deck	44,762	SF	<<Info>>				
	PVC Membrane	44,762	SF	\$6.50		\$ 290,953		
	1/2" high density cover board	44,762	SF	\$1.05		\$ 47,000		
	Tapered Rigid Insulation - 2.5" tk	44,762	SF	\$2.63		\$ 117,500		
	Flat Rigid Insulation - 2" tk	44,762	SF	\$2.10		\$ 94,000		
	Vapor Barrier	44,762	SF	\$0.53		\$ 23,500		
	Roof Sheathing/Substrate Board	44,762	SF	\$2.50		\$ 111,905		
	Aluminum Copings, Flashing & Snap-on Alum fascia	1,717	LF			In Parapet Wall Cost		
	Wood Blocking	44,762	SF	\$0.50		\$ 22,381		
	Roof tapering & flashing detail @ Roof drains	27	loc	\$262.50		\$ 7,088		
	Roof equipment Curb blocking flashing @ Mech Equipment	514	LF	\$52.50		\$ 26,985		
	Flash & Block MEP Penetrations	30	EA	\$367.50		\$ 11,025		
	Roof hatch w/railings	1	EA	\$3,675.00		\$ 3,675		
	Walkway Pads - assumed around RTU's	2,318	SF	\$7.35		\$ 17,037		
	Premium for Mechanical Fasteners into Plank Decking	44,762	SF	\$0.25		\$ 11,191		
		44,762	SF	\$17.52	\$ 784,240			
	Roofing Coverings-b (1954 Music Rm)							
	Roof: PVC, 1/2" cover bd, two (2) Layer of 2.5" Insulation on New Metal deck	1,357	SF	<<Info>>				
	PVC Membrane	1,357	SF	\$6.50		\$ 8,821		

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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	1/2" high density cover board	1,357	SF	\$1.05		\$ 1,425		
	Tapered Rigid Insulation - 2.5" tk	1,357	SF	\$2.63		\$ 3,562		
	Flat Rigid Insulation - 2.5" tk	1,357	SF	\$2.63		\$ 3,562		
	Vapor Barrier	1,357	SF	\$0.53		\$ 712		
	Roof Sheathing/Substrate Board	1,357	SF	\$2.50		\$ 3,393		
	Aluminum Copings, Flashing & Snap-on Alum fascia	120	LF			In Parapet Wall Cost		
	Wood Blocking	1,357	SF	\$0.50		\$ 679		
	Roof tapering & flashing detail @ Roof drains	2	loc	\$262.50		\$ 525		
	Roof equipment Curb blocking flashing @ Mech Equipment	30	LF	\$52.50		\$ 1,575		
	Flash & Block MEP Penetrations	3	EA	\$367.50		\$ 1,103		
	Walkway Pads - assumed around RTU's	44	SF	\$7.35		\$ 323		
	Premium for Mechanical Fasteners into Plank Decking	1,357	SF	\$0.25		\$ 339		
		1,357	SF	\$23.81	\$ 26,019			
	Roofing Coverings-c (1954 overhang)							
	Roof : PVC, 1/2" cover bd, two (1) Layer of 2" Tapered Insulation on Concrete Deck	1,073	SF	<<Info>>				
	PVC Membrane	1,073	SF	\$6.50		\$ 6,975		
	1/2" high density cover board	1,073	SF	\$1.05		\$ 1,127		
	Tapered Rigid Insulation - 2" tk	1,073	SF	\$2.10		\$ 2,253		
	Vapor Barrier	1,073	SF	\$0.53		\$ 563		
	Aluminum Copings, Flashing & Snap-on Alum fascia	41	LF			In Parapet Wall Cost		
	Wood Blocking	1,073	SF	\$0.50		\$ 537		
	Premium for Mechanical Fasteners into Plank Decking	1,073	SF	\$0.25		\$ 268		
		1,073	SF	\$10.93	\$ 11,723			
	Roofing Coverings-d (1954 bldg)							
	Roof : PVC, 1/2" cover bd, two (2) Layer of 2" Insulation on Concrete deck	1,720	SF	<<Info>>				
	PVC Membrane	1,720	SF	\$8.00		\$ 13,760		
	1/2" high density cover board	1,720	SF	\$2.10		\$ 3,612		
	Tapered Rigid Insulation - 2" tk	1,720	SF	\$2.10		\$ 3,612		
	Flat Rigid Insulation - 2" tk	1,720	SF	\$2.10		\$ 3,612		
	Vapor Barrier	1,720	SF	\$0.53		\$ 903		
	Aluminum Copings, Flashing & Snap-on Alum fascia	80	LF			In Parapet Wall Cost		
	Wood Blocking	1,720	SF	\$0.50		\$ 860		
	Premium for Mechanical Fasteners into Plank Decking	1,720	SF	\$0.25		\$ 430		
		1,720	SF	\$27.55	\$ 26,789			
	Roofing Coverings-e (2000 bldg)							
	Roof : PVC, 1/2" cover bd, two (2) Layer of 2" Insulation on Existing Metal deck	5,057	SF	<<Info>>				
	PVC Membrane	5,057	SF	\$6.50		\$ 32,871		
	1/2" high density cover board	5,057	SF	\$1.05		\$ 5,310		
	Tapered Rigid Insulation - 2.5" tk	5,057	SF	\$2.63		\$ 13,275		
	Flat Rigid Insulation - 2.5" tk	5,057	SF	\$2.63		\$ 13,275		
	Vapor Barrier	5,057	SF	\$0.53		\$ 2,655		
	Roof Sheathing/Substrate Board	5,057	SF	\$2.50		\$ 12,643		
	Aluminum Copings, Flashing & Snap-on Alum fascia	529	LF			In Parapet Wall Cost		
	Wood Blocking	5,057	SF	\$0.50		\$ 2,529		
	Roof tapering & flashing detail @ Roof drains	8	loc	\$262.50		\$ 2,100		
	Roof equipment Curb blocking flashing @ Mech Equipment	45	LF	\$52.50		\$ 2,363		
	Flash & Block MEP Penetrations	5	EA	\$367.50		\$ 1,838		
	Roof hatch w/railings	1	EA	\$3,675.00		\$ 3,675		
	Walkway Pads - assumed around RTU's	364	SF	\$7.35		\$ 2,675		
		5,057	SF	\$18.83	\$ 95,209			
	Roofing Coverings-f (2000 bldg)							
	Roof : PVC, 1/2" cover bd, two (2) Layer of 2" Insulation on Existing Metal deck	14,003	SF	<<Info>>				
	PVC Membrane	14,003	SF	\$6.50		\$ 91,020		
	1/2" high density cover board	14,003	SF	\$1.05		\$ 14,703		
	Tapered Rigid Insulation - 2.5" tk	14,003	SF	\$2.63		\$ 36,758		
	Flat Rigid Insulation - 2.5" tk	14,003	SF	\$2.63		\$ 36,758		
	Vapor Barrier	14,003	SF	\$1.05		\$ 14,703		
	Roof Sheathing/Substrate Board	14,003	SF	\$2.50		\$ 35,008		
	Aluminum Copings, Flashing & Snap-on Alum fascia	585	LF			In Parapet Wall Cost		
	Wood Blocking	14,003	SF	\$0.50		\$ 7,002		
	Roof tapering & flashing detail @ Roof drains	8	loc	\$262.50		\$ 2,100		
	Roof equipment Curb blocking flashing @ Mech Equipment	30	LF	\$52.50		\$ 1,575		
	Flash & Block MEP Penetrations	5	EA	\$367.50		\$ 1,838		
	Walkway Pads - assumed around RTU's	378	SF	\$7.35		\$ 2,778		
		14,003	SF	\$23.25	\$ 244,243			
	Roofing Coverings-h (elevator addition)							
	Roof : PVC, 1/2" cover bd, two (2) Layer of 2" Insulation on New Metal deck	286	SF	<<Info>>				
	PVC Membrane	286	SF	\$6.50		\$ 1,859		
	1/2" high density cover board	286	SF	\$1.05		\$ 300		
	Tapered Rigid Insulation - 2.5" tk	286	SF	\$2.63		\$ 751		
	Flat Rigid Insulation - 2" tk	286	SF	\$2.63		\$ 751		
	Vapor Barrier	286	SF	\$0.53		\$ 150		
	Roof Sheathing/Substrate Board	286	SF	\$2.50		\$ 715		
	Aluminum Copings, Flashing & Snap-on Alum fascia	30	LF			In Parapet Wall Cost		
	Wood Blocking	286	SF	\$1.00		\$ 286		
	Roof tapering & flashing detail @ Roof drains	1	loc	\$262.50		\$ 263		
		286	SF	\$17.74	\$ 5,075			
	Roofing Coverings-I (Canopy)							
	Roof : PVC, 1/2" cover bd, two (1) Layer of 2" Tapered Insulation on Metal deck	897	SF	<<Info>>				
	PVC Membrane	897	SF	\$6.50		\$ 5,831		
	1/2" high density cover board	897	SF	\$1.05		\$ 942		
	Tapered Rigid Insulation - 2" tk	897	SF	\$2.10		\$ 1,884		
	Vapor Barrier	897	SF	\$0.53		\$ 471		
	Roof Sheathing/Substrate Board	897	SF	\$2.50		\$ 2,243		
	Aluminum Copings, Flashing & Snap-on Alum fascia	166	LF			In Parapet Wall Cost		
	Wood Blocking	897	SF	\$0.50		\$ 449		
	Roof tapering & flashing detail @ Roof drains	1	loc	\$262.50		\$ 263		
		897	SF	\$13.47	\$ 12,083			
	Parapet Wall at Perimeter w/ Alum Fascia, Sheathing, Framing, blocking, Insulation, & Flashing	2,984	SF	<<Info>>				
	Aluminum Fascia extension leg and flashing	2,984	SF	\$45.00		\$ 134,280		
	5/8" Plywood	2,984	SF	\$2.50		\$ 7,460		
	6" Cold Formed Metal Framing Back-up	2,984	SF	\$12.00		\$ 35,808		
	Batt Insulation	2,984	SF	\$1.00		\$ 2,984		

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	5/8" Plywood	2,984	SF	\$2.50		\$ 7,460		
	Unit Skylights	3	ea	\$2,200.00	\$ 187,992	\$ 6,600		
	B3099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization	1,566,301	\$\$	1%		\$ 15,663		
	Flashing temporary ductwork supports (all Phases)	18	CD	\$2,625.00		\$ 47,250		
	Roofing Membrane Overlap at Overhang & Exterior Wall Demo at classroom Wing	1,000	LF	\$36.00		\$ 36,000		
	Courtyard Access - Reroof Corridor D102	700	SF	\$26.25	in above New Roof Pricing			
		69,308	GSF	\$1.43	\$ 98,913			
	OSCG- B3010. Roof Coverings				\$ 1,665,214			
C10	INTERIOR CONSTRUCTION	69,308	SF			\$ 2,744,386	\$39.60	
	C1010 PARTITIONS							
	C101001 FIXED PARTITIONS							
	CMU-Block Masonry							
	CMU-10"-4A @ 10'6"H-Elevator	500	SF	\$22.50	\$ 20	\$ 11,250		
	CMU-10"-4B @ 24'0"H-Elevator	620	SF	\$22.50	\$ 20	\$ 13,959		
	CMU-12"/14"-5B @21'0"H: Tooth-in Work	601	SF	\$46.80	\$ 42	\$ 28,108		
	CMU-12"/14"-5B @10'6"H: Tooth-in Work	954	SF	\$46.80	\$ 42	\$ 44,633		
	CMU-4"-1B @ 10'6"H	1,683	SF	\$18.90	\$ 17	\$ 31,809		
	CMU-4"-1B @ 15'0"H	659	SF	\$19.80	\$ 18	\$ 13,046		
	CMU-6"-2B @ 10'6"H	4,109	SF	\$21.60	\$ 19	\$ 88,744		
	CMU-8"-3B @ 10'6"H	1,726	SF	\$21.60	\$ 19	\$ 37,279		
	CMU-8"-3B @ 15'0"H	1,228	SF	\$21.60	\$ 19	\$ 26,516		
	CMU-8"-3B @ 24'0"H-Elevator	483	SF	\$21.60	\$ 19	\$ 10,431		
	CMU Reinforcing - Masonry Bond Beams and Shear Wall - Rebar and Grout	12,600	SF	\$3.23		\$ 40,737		
	Masonry Clips/angles at top of wall lvl	230	EA	\$89.25		\$ 20,483		
	Joint Sealants	483	SF	\$1.31		\$ 634		
	Locker Bases - Modify / Add existing base for new lockers	1	Allow	\$5,000.00		\$ 5,000		
	Masonry	69,308	GSF	\$5.38	\$ 372,629			
	Drywall							
	Drywall-10B-[3"Stud+Batt]-[AGB] @10'6"H	332	SF	\$9.00		\$ 2,988		
	Drywall-10C-[3"Stud]-[AGB] @10'6"H	10,453	SF	\$7.50		\$ 78,398		
	Drywall-10D-[3"Stud+Batt]-[AGB] @10'6"H	303	SF	\$9.00		\$ 2,727		
	Drywall-11A-[GB]-[4"Stud]-[GB] @10'6"H	68	SF	\$10.00		\$ 680		
	Drywall-12A-[GB]-[4"Stud+Batt] @10'6"H	836	SF	\$10.00		\$ 8,360		
	Drywall-12B-[AGB]-[4"Stud+Batt]-[AGB] @10'6"H	483	SF	\$12.50		\$ 6,038		
	Drywall-12G-[GB]-[4"Stud] @10'6"H	1,969	SF	\$8.50		\$ 16,737		
	Drywall-12G-[GB]-[4"Stud] @15'0"H	174	SF	\$8.50		\$ 1,479		
	Drywall-12H-[GB]-[4"Stud+Batt] @10'6"H	592	SF	\$10.00		\$ 5,920		
	Drywall-15B-[AGB]-[6"Stud+Batt]-[AGB] @10'6"H	2,955	SF	\$13.50		\$ 39,893		
	Drywall-15G-[AGB]-[6"Stud+Batt]@10'6"H	216	SF	\$11.00		\$ 2,376		
	Drywall-18A-[AGB]-[8"Stud+Batt]-[AGB]	249	SF	\$14.50		\$ 3,611		
	Drywall-51F-[AGB]-[7/8"Stud] @10'6"H	1,969	SF	\$8.50		\$ 16,737		
	Drywall-80G-[AGB]-[GB]-[4"Stud+Batt]-[AGB]-[GB] @10'6"H	429	SF	\$16.50		\$ 7,079		
	Drywall-80J-[AGB]-[GB]-[6"Stud+Batt]-[AGB]-[GB] @10'6"H	8,504	SF	\$17.50		\$ 148,820		
	Drywall-80R-[AGB] Glued to Existing Masonry	3,876	SF	\$3.50		\$ 13,566		
	Drywall- Backup for Wd Veneer, Stage/Cafe - [GB]-[4"Stud+Batt] @6'-8"	250	SF	\$30.00		\$ 7,500		
	Joint Sealants	29,532	SF	\$1.31		\$ 38,761		
	Wood Blocking	69,308	GSF	\$1.10		\$ 76,239		
	Infill DW partition as noted, Patch	69,308	GSF	\$0.50		\$ 34,654		
	New AHU Enclosure DW Partition	378	SF	\$10.00		\$ 3,780		
	New AHU Enclosure 2" insulation	1,500	SF	\$2.50		\$ 3,750		
	MS & Drywall	69,308	GSF	\$7.50	\$ 520,093			
	Patch/Repair existing partitions							
	C102004 SLIDING & FOLDING DOORS							
	Modernfold - Operable Acoustical Panel - Cafetorium/Platform	285	SF	\$210.00		\$ 59,850		
	Acoustic Movable Glass Wall @ Breakout rooms (Nanawalls)	100	SF	\$231.00		\$ 23,100		
	MS & Drywall	69,308	GSF	\$1.20	\$ 82,950			
	C101005 INTERIOR WINDOWS							
	Aluminum Entrance-Storefront at Vestibule (Interior)	101	SF	\$75.00		\$ 7,575		
	Premium for Ballistic Glazing @ E&F	101	SF	\$78.75		\$ 7,954		
	Bullet Resistant Transaction Window in Vestibule 48" x 48"	1	EA	\$6,300.00		in Equipment		
	Interior glazing of borrowed lites							
	Main Office	120	SF	\$68.25		\$ 8,190		
	Platform ramp	120	SF	\$68.25		\$ 8,190		
	Media Center Classrooms	400	SF	\$68.25		\$ 27,300		
	Glazing @ Interior Doors	405	SF	\$42.00		\$ 17,010		
	Glass Partitions	69,308	GSF	\$1.10	\$ 76,219			
	Swing Space- Partition	1,920	SF	\$22.50		\$ 43,200		
	OSCG- C1010. Partitions				\$ 1,154,342			
	C1020 INTERIOR DOORS							
	Wood Door - HM Frame - HDWE - Single	120	EA	\$2,340.00		\$ 280,800		
	Wood Door - HM Frame - HDWE - Double	17	EA	\$4,400.00		\$ 74,800		
	New AHU Door Frame & Hardware , with applied insulation	21	EA	\$2,600.00		\$ 54,600		
	Paint HM Frames	158	EA	\$78.75		\$ 12,443		
	Acoustical Gasketing	1	LS	\$20,000.00		\$ 20,000		
		69,308	GSF	\$6.39	\$ 442,643			
	C102002 GLAZED INTERIOR DOORS							
	Alum/Glass Door and Frame - Double (w/School Guard Glazing)	4	EA	\$9,555.00		\$ 38,220		
	Alum/Glass Door and Frame - Single (w/School Guard Glazing)	3	EA	\$5,250.00		\$ 15,750		
		69,308	GSF	\$0.78	\$ 53,970			
	C102005 INTERIOR OVERHEAD DOORS							
	Rolling Counter Grill at Kitchen					Not Applicable		

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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	OSCG- C1020. Interior Doors				\$ 496,613			
	C1030 FITTINGS							
	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS							
	Toilet Compartments	15	EA	\$1,680.00		\$ 25,200		
	Toilet Compartments - HC	6	EA	\$1,785.00		\$ 10,710		
	Access-Urinal Screen	4	EA	\$945.00		\$ 3,780		
		69,308	GSF	\$0.57	\$ 39,690			
	C103002 TOILET & BATH ACCESSORIES							
	ADA Grab bars sets 18", 36" & 42"	22	EA	\$367.50		\$ 8,085		
	Mirror 18"x30"	44	EA	\$262.50		\$ 11,550		
	Paper Towel Dispenser	28	EA					Contractor Install only - below
	Paper Towel Dispenser (Classrooms)	35	EA					Contractor Install only - below
	Toilet Paper Dispenser	37	EA					Contractor Install only - below
	Soap Dispenser	38	EA					Contractor Install only - below
	Soap Dispenser - Classrooms	35	EA					Contractor Install only - below
	Sanitary Napkin Dispenser	24	EA	\$105.00		\$ 2,520		
	Mop & Broom Holder	2	EA	\$78.75		\$ 158		
	Install Toilet accessories (3x EA for GB's)	265	EA	\$157.50		\$ 41,738		
		69,308	GSF	\$0.92	\$ 64,051			
	FE-1 Semi-Recessed Cabinet w/ FE	2	Allow	\$2,625.00		\$ 5,250		
	C103003 MARKER BOARDS & TACK BOARDS							
	Markerboard 10'/12' W	29	EA	\$1,920.00		\$ 55,680		
	Markerboard 4' W	8	EA	\$320.00		\$ 2,560		
	Markerboard 8' W	5	EA	\$640.00		\$ 3,200		
	Tackboard 10'W	1	EA	\$800.00		\$ 800		
	Tackboard 12'W	2	EA	\$960.00		\$ 1,920		
	Tackboard 4'W	39	EA	\$320.00		\$ 12,480		
	Tackboard 8'W	6	EA	\$640.00		\$ 3,840		
	Tackstrip-Corridor Typical	228	LF	\$15.00		\$ 3,420		
	Tackboard Panel - Corridor Walls	1,505	SF	\$20.00		\$ 30,100		
	Installation	90	EA	\$150.00		\$ 13,500		
		69,308	GSF	\$1.84	\$ 127,500			
	C103004 IDENTIFYING DEVICES							
	Room Panel Signs	125	EA	\$78.75		\$ 9,844		
	Reflective Vinyl Signs (In Door Lite & Window of Each Room, 45 EA)	72	EA	\$47.25		\$ 3,402		
	Exterior 12" High Aluminum Letters (13)-Café, Gym, Main Entrance	13	EA	\$315.00		\$ 4,095		
	Dedication Plaque	1	EA	\$1,050.00		\$ 1,050		
	Installation	211	EA	\$70.88		\$ 14,955		
		69,308	GSF	\$0.48	\$ 33,346			
	C103005 LOCKERS							
	Locker LKR-1 - Double Tier Lockers with Metal Trim at Vertical and Across Top	160	EA	\$315.00		\$ 50,400		
	Locker LKR2 - Full Height Handicap Locker w/ Metal Trim at Vertical and Across Top	13	EA	\$350.00		\$ 4,550		
	Locker Base	175	LF	\$52.50		\$ 9,188		
		160	EA	\$400.86	\$ 64,138			
	C103014 CASEWORK and E102001 MILLWORK							
	Millwork-Main Office Desk Plam	28	LF	\$300.00		\$ 8,400		
	Millwork-Plam base cabinet	57	LF	\$225.00		\$ 12,825		
	Millwork-Plam upper cabinet	39	LF	\$242.00		\$ 9,438		
	Millwork-ADA undersink provision	7	LF	\$225.00		\$ 1,575		
	Millwork-Plam Countertop	43	LF	\$100.00		\$ 4,300		
	Millwork-SS Countertop	49	LF	\$150.00		\$ 7,350		
	Millwork-Plam Built-in Bench-Lobby 102	20	LF	\$200.00		\$ 4,000		
	Millwork-Plam drawer cabinet	7	LF	\$300.00		\$ 2,100		
	Millwork-Plam base cabinet-CR	265	LF	\$225.00		\$ 59,625		
	Millwork-Plam upper cabinet-CR	629	LF	\$242.00		\$ 152,218		
	Millwork-SS Countertop-CR	360	LF	\$150.00		\$ 54,000		
	Millwork-ADA undersink provision-CR	92	LF	\$225.00		\$ 20,700		
	Millwork-Full Ht Cabinets-CR	56	EA	\$1,150.00		\$ 64,400		
	Millwork-Plam drawer cabinet-CR	12	LF	\$300.00		\$ 3,600		
	Millwork-Cubbies w/SS Top CR	294	LF	\$250.00		\$ 73,500		
	Millwork-Open Shelving-CR	167	LF	\$287.00		\$ 47,929		
	Millwork - Plam Countertop Media Center Circulation Desk	12	LF	\$250.00		\$ 3,000		
	Millwork - SS Media Center Circulation Desk	10	LF	\$350.00		\$ 3,500		
	Millwork - Lobby Display Cases	5	LF	\$500.00		\$ 2,500		
	Millwork-SS Window Sills	937	LF	\$75.00		\$ 70,275		
	Feature Millwork 'Tree-House' & Open Wood Framework-Media	15	LF	\$850.00		\$ 12,750		
	Millwork-Wall Panels @ Cafetorium Stage	222	SF	\$65.00		\$ 14,430		
		69,308	GSF	\$9.12	\$ 632,415			
	C103099 OTHER INTERIOR SPECIALTIES							
	Pipe and Tube Railings (Ramps, Stage Stair, Flr Mounted/Double stack wall mounted)	556	LF	\$135.00		\$ 75,060		
	Other Misc. Metal Allowance	69,308	SF	\$0.75		\$ 51,981		
		69,308	GSF	\$1.83	\$ 127,041			
	OSCG- C1030. Fittings				\$ 1,093,431			
	C1099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization	2,685,135	\$\$	1%		\$ 26,851		
	Courtyard Access - Replace interior Corridor D102 - D101 Fire Door - Double Door	1	EA	\$2,982.00		in above new door pricing		
	Temporary Interior Walls	1,620	SF	\$20.00		\$ 32,400		
C20	STAIRS	69,308	SF			\$ 26,629	\$0.38	
	C2010 STAIR CONSTRUCTION							

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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Stair A1 & A2 Wall Mounted and Floor Mounted Stair Railing @ Stair A1	50	LF	\$250.00		\$ 12,500		
	OSCG- C2010. Stair Construction				\$ 12,500			
	C2020 STAIR FINISHES							
	Slip Resistant Rubber Treads and Risers 6' Wide-A2	16	EA	\$252.00		\$ 4,032		
	Slip Resistant Rubber Treads and Risers 10' Wide-A1	16	EA	\$504.00		\$ 8,064		
	Slip Resistant Rubber Entry & Landings	30	SF	\$15.75		\$ 473		
	Stair Wall & Railing Paintings	624	SF	\$2.50		\$ 1,560		
	OSCG- C2020. Stair Finishes				\$ 14,129			
C30	FINISHES	69,308	SF			\$ 1,877,336	\$27.09	
	C3010 WALL FINISHES							
	Ceramic Wall Tiles							
	Ceramic wall Tile-Toilets - Full ht	4,663	SF	\$18.00		\$ 83,934		
	Ceramic Wall Tile-Corridor Wainscot - 2'-9" ht	4,907	SF	\$18.00		\$ 88,326		
	Mural in Cafeteria	1	Allow	\$20,000.00		Assume NR		
		69,308	GSF	\$2.49	\$ 172,260			
	FRP Wall Panels							
	FRP Wall Panels @ Kitchen	1,140	SF	\$15.00		\$ 17,100		
	FRP Wall Panels @ Backsplash	722	SF	\$15.00		\$ 10,830		
		69,308	GSF	\$0.40	\$ 27,930			
	Acoustic Wall Panels							
	Acoustical Wall Panels (Cafeteria)	1,025	SF	\$25.00		\$ 25,625		
	Acoustical Wall Panels (Music Room)	180	SF	\$25.00		\$ 4,500		
	Acoustical Wall Panels (Media Center)	274	SF	\$25.00		\$ 6,850		
	Acoustic Wall Panels	69,308	GSF	\$0.53	\$ 36,975			
	Painted Walls							
	Paint CMU/Existing Walls	35,617	SF	\$1.50		\$ 53,426		
	Paint Gypsum Board Walls	81,810	SF	\$1.00		\$ 81,810		
		69,308	GSF	\$1.95	\$ 135,236			
	Vinyl Wall Graphics-Assume one wall at below spaces							
	Vinyl Wall Graphics-Café, Breakout, Student Commons, Media Center, and Corridors	1,620	SF	\$14.00		\$ 22,680		
		69,308	GSF	\$0.33	\$ 22,680			
	Stairs Wall Finishes					w/C2020 Str Finish		
	Wall Bases							
	Resilient Cove Base	7,286	LF	\$3.41		\$ 24,863		
	Ceramic Tile Base - (@ Toilet rooms w/Ceramic tile)	1,109	LF	\$15.00		\$ 16,635		
	Resinous Cove Base	218	LF	\$20.00		\$ 4,360		
	Wood base	260	LF	\$8.40		\$ 2,184		
	Wall Finishes	69,308	GSF	\$0.69	\$ 48,042			
	OSCG- C3010. Wall Finishes				\$ 443,123			
	C3020 FLOOR FINISHES							
	Total Floor Finishes		SFW	Info				
	Poured resinous Flooring-kitchen-PRF	1,179	SF	1.80%				
	Luxury Vinyl Tile-LVT Typ Classroom, Corridors, café	44,491	SF	67.91%				
	Painted Concrete-PF - Back of house	2,479	SF	3.78%				
	Platform Base bid Hardboard Flooring-HBD - Platform	796	SF	1.21%				
	Rubber Flooring-Storages, Ramps-RF1 & RF2	2,041	SF	3.12%				
	Sealed Concrete-SC- Back of House	929	SF	1.42%				
	Carpet Tile-C - Media Music, Office, Conference	5,481	SF	8.37%				
	Ceramic Tile Toilet Room Base bid-CFT- Bathrooms	2,848	SF	4.35%				
	Walk off Carpet-C	1,183	SF	1.81%				
	Athletic Flooring-AF1 - Gym	3,963	SF	6.05%				
	Wood Flooring-WD- Platform Front	129	SF	0.20%				
		65,519	SF					
	Tile							
	Ceramic Tile-Toilet Rooms	2,848	SF	\$18.00		\$ 51,264		
		2,848	SF	\$18.00	\$ 51,264			
	Resilient Floor- LVT							
	Luxury Vinyl Tile-Corridors, Media, Arts, Café, Lobby, Café	44,491	SF	\$6.50		\$ 289,192		
		44,491	SF	\$6.50	\$ 289,192			
	Resilient Floor- Carpet Tile							
	Carpet Tile-C - Media Music, Office, Conference	5,481	SF	\$4.08		\$ 22,381		
		5,481	SF	\$4.08	\$ 22,381			
	Poured resinous flooring							
	Poured resinous flooring-Kitchen	1,179	SF	\$18.90		\$ 22,283		
		1,179	SF	\$18.90	\$ 22,283			
	Rubber Flooring-Storages, Café, Ramps-RF1 & RF2							
	Rubber Flooring-Storages, Ramps-RF1 & RF2	2,041	SF	\$12.00		\$ 24,492		
		2,041	SF	\$12.00	\$ 24,492			
	Athletic, Hardboard and Wood flooring							
	Poured Rubber Athletic flooring-Gymnasium	3,963	SF	\$18.00		\$ 71,343		
	Platform Base bid Hardboard Flooring-HBD - Platform	925	SF	\$10.00		\$ 9,250		

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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
		4,888	SF	\$16.49	\$ 80,593			
	Sealed Concrete							
	Sealed Concrete	929	SF	\$2.10		\$ 1,951		
	Painted Concrete	2,479	SF	\$3.15		\$ 7,809		
		3,408	SF	\$2.86	\$ 9,760			
	Walk-of Carpet							
	Walk-of Carpet	1,183	SF	\$10.50				in Furnishings
		1,183	SF	\$0.00	\$ -			
	A202002 MOISTURE PROTECTION & UNDERLAYMENT							
	Slab on grade - combination moisture mitigation & leveler product	69,308	SF	\$3.50		\$ 242,578		
	Elevator pit waterproofing, prep etc.	440	SF	\$10.50		\$ 4,620		
		69,748	SF	\$3.54	\$ 247,198			
	Flooring Finishes	69,308	GSF	\$10.78	\$ 747,163			
	OSCG- C3020. Floor Finishes				\$ 765,750			
	C3030 CEILING FINISHES							
	Acoustic Ceiling for Music Room	1,067	SF	\$5.75		\$ 6,135		
	Add premium for C-9 "Billo"/Polycarbonate Panels embed Ceiling @ 50%	534	SF	\$10.50		\$ 5,602		
	C1 - ACT - 2'x2'	44,015	SF	\$5.75		\$ 253,086		
	C2 - ACT - 2'x4'	119	SF	\$5.75		\$ 684		
	C3 - ACT - 2'x4' -Kitchen and Serveries Washable	926	SF	\$5.75		\$ 5,325		
	C5 - Gypsum Bd Ceilings	4,292	SF	\$12.00		\$ 51,504		
	C5 - Gypsum Bd Soffit Facia Typical	2,721	SF	\$40.00		\$ 108,840		
	C6A/6B - Suspended Cementitious Fiber Bd Panels.	1,041	SF	\$50.00		\$ 52,050		
	C-7 - Exposed Ceiling Painted	13,766	SF	\$2.00		\$ 27,532		
	C-8 - Painted 1/2" Gypsum Ceiling Board on 7/8" Furring on Existing Deck	373	SF	\$7.00		\$ 2,611		
	C-10 - Suspended Wood Fiber composite Panels/on Metal Stud	2,494	SF	\$25.00		\$ 62,350		
	C-15 - ACT 2'x2' - Moisture Resistant Tile in Vestibules	266	SF	\$8.50		\$ 2,261		
	C-16 - Media Center - Hung Acoustical Baffles without LED	12	EA	\$864.00		\$ 10,368		
	C-17 - Media Center - Hung Acoustical Baffles w/ LED	47	EA	\$1,200.00		\$ 56,400		
	C-18 - Continuous Infill Panel by Radiant Panel at all interruptions	21	SF	\$25.00		\$ 525		
	C-19 - Metal Linear Plank on Gypsum Wall Board on 6" Metal Studs in Lobby and Vestibule	613	SF	\$30.00		\$ 18,390		
	Veneer Plaster on Existing Concrete Deck - Area A Loading Dock	320	SF	\$15.00		\$ 4,800		
	Ceiling Finishes	69,308	GSF	\$9.64	\$ 668,463			
	OSCG- C3030. Ceiling Finishes				\$ 668,463			
	C3099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization	1,858,749	\$\$	1%		\$ 18,587		
D10	CONVEYING	69,308	SF			\$ 120,750	\$1.74	
	D1010 ELEVATORS AND LIFTS							
	2 stop - Passenger Elevator, F & R Access - Otis Hydro Fit 2510R	2	STP	\$55,125.00		\$ 110,250		Otis
	Elevator Operator Hours	80	MH	\$131.25		\$ 10,500		
	OSCG- D1010. Elevators & Lifts				\$ 120,750			
D20	PLUMBING	69,308	SF			\$ 1,420,994	\$20.50	Ferguson Budget- \$1.69M
	D2010 PLUMBING FIXTURES							
	Water Closets-WC1/WC1A	138	EA	<<info>>				
	Wall Hung Sink-L1A	37	EA	\$1,625.00		\$ 60,125		
	Drop-in Sinks-S1	43	EA	\$1,250.00		\$ 53,750		
	Mop Basins-JS1	34	EA	\$1,100.00		\$ 37,400		
	Wall hydrants - assumed scope	2	EA	\$800.00		\$ 1,600		
	Roof hydrants - assumed scope	6	EA	\$367.50		\$ 2,205		
	Electric Water Cooler-EWC-1	4	EA	\$367.50		\$ 1,470		
	Shower/Eyewash station @ Kitchen - assumed scope	4	EA	\$4,000.00		\$ 16,000		
	Urinals-U1	1	EA	\$1,575.00		\$ 1,575		
	Branch Domestic Water Piping to fixtures	7	EA	\$997.50		\$ 6,983		
	CW Piping and Connection to fixtures							
	HW Piping S&R and Connection to fixtures	2,070	LF	\$15.00		\$ 31,050		
	CW Pipe Insulation	2,400	LF	\$15.00		\$ 36,000		
	HW Pipe Insulation w/ heat trace	2,070	LF	\$8.00		\$ 16,560		
	Valves and Fittings	2,400	LF	\$12.00		\$ 28,800		
		112,410	\$\$	11%		\$ 11,803		
		69,308	GSF	\$4.41	\$ 305,321			
	OSCG- D2010. Plumbing Fixtures				\$ 305,321			
	D2020 DOMESTIC WATER DISTRIBUTION							
	CW Domestic water pipe distribution system							
	CW 1/2"	576	LF	\$10.00		\$ 5,760		0%
	CW 3/4" - 1"	551	LF	\$20.00		\$ 11,016		
	CW 1.5"- 2"	1,151	LF	\$35.00		\$ 40,278		
	CW 3" - 4"	1,050	LF	\$65.00		\$ 68,250		
	Pipe Insulation	3,328	LF	\$8.40		\$ 27,952		
	Valves and Fittings	136,480	\$\$	10%		\$ 13,648		
	Dedicate 120 & 140 degree HW Domestic water pipe distribution system to Plmb Fixt. & Kitchen							
	HWS/R 2" - 1.5"	2,167	LF	\$35.00		\$ 75,852		
	HWS/R 3/4" - 1"	2,242	LF	\$20.00		\$ 44,832		
	HWS/R 1/2"	1,200	LF	\$10.00		\$ 12,000		
	Pipe Insulation	5,609	LF	\$8.00		\$ 44,870		
	Expansion tanks	2	EA	\$3,150.00		\$ 6,300		
	Central master thermostatic mixing valves	2	EA	\$7,875.00		\$ 15,750		
	Valves and Fittings	66,920	\$\$	10%		\$ 6,692		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



14-Jan-22

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Heat Trace	1,402	LF	\$8.50		\$ 11,919		Kitchen only
	Make-up Water system for HVAC systems and misc equipment	69,308	GSF	\$0.16		\$ 10,916		
	Condensate Drain piping for HVAC systems and misc equipment	69,308	GSF	\$0.21				
	D2020 DOMESTIC WATER DISTRIBUTION	69,308	GSF	\$5.71	\$ 396,035			
	D2020 DOMESTIC WATER EQUIPMENT							
	High Efficiency cond. Water Heaters w/ storage tanks BTH 199	2	EA	\$15,000.00		\$ 30,000		
	HW Recirculation Pumps	1	EA	\$6,300.00		\$ 6,300		
	Installation	5	CD	\$2,394.00		\$ 11,970		
	Rigging	2	EA	\$2,625.00		\$ 5,250		
	Piping and Connections	50	LF	\$26.25		\$ 1,313		
	Venting - through roof	1	LS	\$10,500.00		\$ 10,500		
	Pipe Insulation	50	LF	\$8.40		\$ 420		
	Valves and Fittings	65,753	\$\$	10%		\$ 6,575		
	D2020 DOMESTIC WATER EQUIPMENT	69,308	GSF	\$1.04	\$ 72,328			
	OSCG- D2020. Domestic Water Distribution				\$ 468,363			
	D2030 SANITARY WASTE							
	Replaced Sanitary in E&F	511	LF	\$52.00		\$ 26,572		
	4" Sanitary	227	LF	\$52.00		\$ 11,804		
	3" Sanitary	381	LF	\$50.50		\$ 19,241		
	2"/1.5" Sanitary	1,591	LF	\$45.00		\$ 71,595		
	Vent Piping	1,104	LF	\$35.00		\$ 38,640		
	Jet Clean Piping to be Reused	524	LF	\$22.00		\$ 11,528		
	Branch Sanitary Piping from fixtures	1,380	LF	\$45.00		\$ 62,100		
	Sump Pump - assumed scope at elevator	1	EA	\$3,150.00		\$ 3,150		
	Premium for Art room Plaster Traps	1	EA	\$525.00		\$ 525		
	Floor Drains in MER & Bathrooms	7	EA	\$472.50		\$ 3,308		
	Piping & Connection	105	LF	\$36.75		w/above		
	Trap Primers	8	EA	\$420.00		\$ 3,360		
	Backflow preventors	69,308	GSF	\$0.15		\$ 10,396		
	Condensate drain Piping	704	LF	\$19.00		\$ 13,384		
	Kitchen Grease Trap Interceptor					ETR		
	D2030 SANITARY WASTE	69,308	GSF	\$3.98	\$ 275,602			
	OSCG- D2030. Sanitary Waste				\$ 275,602			
	D2040 RAIN WATER DRAINAGE							
	Above and Below Grade Storm Piping System	64,430	SF					
	3" Underslab Storm Main & Branch Piping	178	LF	\$50.00		\$ 8,900		
	4"/6" Underslab Storm Main & Branch Piping	783	LF	\$55.00		\$ 43,065		
	8" Underslab Storm Main & Branch Piping	92	LF	\$60.00		\$ 5,520		
	2" Storm Main & Branch Piping	22	LF	\$45.00		\$ 990		
	3" / 4" Storm Main & Branch Piping	1,418	LF	\$50.00		\$ 70,900		
	6" Storm Main & Branch Piping	16	LF	\$55.00		\$ 880		
	Roof drain	50	EA	\$650.00		\$ 32,500		
	OverFlow Drain	50	EA	\$650.00		\$ 32,500		
	D2040 RAIN WATER DRAINAGE	69,308	GSF	\$2.82	195,255			
	OSCG- D2040. Rain Water Drainage				\$ 195,255			
	D2090 OTHER PLUMBING SYSTEMS - GAS PIPING							
	Gas piping on Roof	881	LF	\$23.00		\$ 20,263		
	Gas piping in Building	201	LS	\$21.00		\$ 4,221		
	Connections	1	LS	\$15,000.00		\$ 15,000		
	D2090 OTHER PLUMBING SYSTEMS - GAS PIPING	69,308	GSF	\$0.57	39,484			
	D2090 OTHER PLUMBING SYSTEMS							
	Demolition - Cut, Cap and Drop	5	CD	\$2,394.00		\$ 11,970		
	Kitchen - Sink, Equip, & Misc. Plumbing Connections, Branch pipe & Isolation Valves	1	LS	\$25,000.00		\$ 25,000		
	Coring and fire stopping	5	CD	\$2,394.00		\$ 11,970		
	Vibration Isolation	69,308	GSF	\$0.21		\$ 14,555		
	Housekeeping Slabs					with Concrete		
	Passive Radon Mitigation System					Not Required		
	D2090 OTHER PLUMBING SYSTEMS	69,308	GSF	\$0.92	\$ 63,495			
	D2099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization	1,347,519	\$\$	1%		\$ 13,475		
	Temporary Plumbing - Sinks and piping for Swing Space classrooms	30	EA	\$1,500.00		ETR		
	Temporary Roof Drain Piping - Temp tie-into existing system (5 Phases)	10	CD	\$1,500.00		\$ 15,000		
	Temporary Dom Water Piping - Temp tie-into existing system (5 Phases)	15	CD	\$1,500.00		\$ 22,500		
	Temporary Sanitary Piping - Temp tie-into existing system (6 Phases)	15	CD	\$1,500.00		\$ 22,500		
	Disconnect/cap or reroute water distribution piping in Corridor D102 - for Courtyard Access					in above		
	Assume existing underground sanitary to be abandoned in place					Temp Sanitary Not Included		
		69,308	GSF	\$1.06	\$ 73,475			
	OSCG- D2090. Other Plumbing Systems				\$ 176,454			
D30	HVAC	69,308	SF			\$ 4,525,157	\$65.29	
	D3010. Energy Supply							
	Energy supply					w/equipmt below		
	OSCG- D3010. Energy Supply				\$ -			
	D3020 HEAT GENERATING SYSTEMS - PIPING							
	Boilers - Combustion condensing type - (2) 1500Mbh-Natural gas	3,000	MBH	\$21.00		\$ 63,000		
	Rigging	2	EA	\$2,625.00		\$ 5,250		
	Installation	10	CD	\$2,394.00		\$ 23,940		
	Air separator	2	EA	\$2,100.00		\$ 4,200		
	Glycol Feed system	2	EA	\$5,250.00		\$ 10,500		
	Glycol Material	1	LS	\$25,000.00		\$ 25,000		
	Expansion Tanks	2	EA	\$3,675.00		\$ 7,350		
	Balancing Valves, Isolation valves, thermostats, pressure gauges	139,240	\$\$	\$0.11		\$ 14,620		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	HHW Circulation Pumps	4	EA	\$3,675.00		\$ 14,700		
	Integrated VFD and DP Sensors	8	EA	\$3,675.00		\$ 29,400		
	Rigging	4	EA	\$525.00		\$ 2,100		
	Install Pumps & VFDs	4	CD	\$2,394.00		\$ 9,576		
	HHW Mech. Rm. Piping - Supply & Return (average 4")	184	LF	\$92.40		\$ 17,002		
	Pipe Insulation	184	LF	\$15.00		\$ 2,760		
	Valves and Fittings	19,762	\$\$	11%		\$ 2,075		
	HHW Piping to Equipment, Radiant panels & Fintube - Supply & Return							
	HW Supply & Return Branch - 1" average	3,200	LF	\$27.00		\$ 86,400		
	HW Supply & Return Branch - 2" average	3,698	LF	\$44.00		\$ 162,730		
	HW Supply & Return Mains - 4" average	186	LF	\$78.00		\$ 14,531		
	Pipe Insulation	7,085	LF	\$15.00		\$ 106,271		
	Valves and Fittings	283,532	\$\$	11%		\$ 29,771		
	Boiler Exhaust Ductwork - Black Iron	1,200	LBS	\$23.10		\$ 27,720		
	Rigid board insulation w/fire wrap	1,091	SF	\$18.90		\$ 20,618		
	Boiler Combustion Air - Galvanized	1,000	LBS	\$15.75		\$ 15,750		
	Rigid board insulation w/vapor barrier	909	SF	\$12.60		\$ 11,455		
	Condensate Drain piping for HVAC systems and misc equipment	69,308	GSF	\$0.21		\$ 14,555		
		69,308	GSF	\$10.41	\$ 721,272			
	OSCG- D3020. Heat Generating Systems				\$ 721,272			
	D3030. Cooling Generating Systems							
	Cooling generating systems					w/equipmt below		
	OSCG- D3030. Cooling Generating Systems				\$ -			
	D3040 DISTRIBUTION SYSTEMS							
	DOAS / ERU /AHU Ductwork							
	Galvanized supply ductwork (SA/RA)-[From Ductwork Weight Calculator]	30,138	LBS	\$19.00		\$ 572,622		
	SS Ductwork at high humidity spaces areas - Kitchen, etc	6,700	LBS	\$31.00		\$ 207,700		
	Alum Ductwork					None		
	Duct Insulation	30,698	SF	\$10.00		\$ 306,983		
	Grilles/Registers/Diffusers	252	EA	\$300.00		\$ 75,600		
	Exhaust Fans 1 through 6 + SF-1	2,350	CFM	\$2.10		\$ 4,935		
	Kitchen Exhaust Fan	2,660	CFM	\$2.10		\$ 5,586		
	Sound Attenuation	69,308	GSF	\$0.75		\$ 51,981		
	Seismic Restraints	69,308	GSF	\$0.35		\$ 24,258		
	Fire Dampers, Misc. Dampers and Accessories	69,308	GSF	\$0.50		\$ 34,654		
		69,308	GSF	\$18.53	\$ 1,284,319			\$03,249 per each
	OSCG- D3040. Distribution Systems				\$ 1,284,319			
	D3050 VRF AHUs, ERU & DOAS, Radiant Panels, Fintube							
	AHUs							
	Classroom AHU HW and DX Coil,1000 CFM ea	21,000	CFM	\$16.00		\$ 336,000		\$16,000 per each
	VFDs	21	EA	\$2,000.00		\$ 42,000		
	Rigging	3	CD	\$2,394.00		\$ 7,182		
	Installation	8	CD	\$2,394.00		\$ 19,152		
	Refrigerant Piping	1,470	LS	\$35.00		\$ 51,450		
	VRF System							
	VRF-1 to VRF -33 (Indoor) Served by HP-1 to HP-6 (Roof)	100	Tons	\$2,500.00		\$ 250,000		
	Refrigerant Piping	2,640	LF	\$15.00		\$ 39,600		
	MUA							
	MAU	2,200	CFM	\$18.00		\$ 39,600		
	ERU s							
	ERU-1	5,500	CFM	\$18.00		\$ 99,000		
	ERU-2	5,500	CFM	\$18.00		\$ 99,000		
	ERU-3	1,000	CFM	\$18.00		\$ 18,000		
	ERU-4	10,275	CFM	\$18.00		\$ 184,950		
	VFDs	8	EA	\$3,150.00		\$ 25,200		
	VAV-1 to VAV-13	13	EA	\$1,000.00		\$ 13,000		
	Rigging	4	LS	\$2,100.00		\$ 8,400		
	Installation	10	CD	\$2,394.00		\$ 23,940		
	Dedicated Outdoor Air (DOAS Units)							
	DOAS-1 A	1,805	CFM	\$18.00		\$ 32,490		
	DOAS-1B	780	CFM	\$18.00		\$ 14,040		
	DOAS-2 A	750	CFM	\$18.00		\$ 13,500		
	DOAS-2B	840	CFM	\$18.00		\$ 15,120		
	DOAS-3	1,195	CFM	\$18.00		\$ 21,510		
	DOAS-4	1,145	CFM	\$18.00		\$ 20,610		
	VFDs	6	EA	\$3,150.00		\$ 18,900		
	Rigging	6	LS	\$2,100.00		\$ 12,600		
	Installation	16	CD	\$2,394.00		\$ 38,304		
	Cabinet Unit Heaters CUH-1 to CUH-10	10	EA	\$2,310.00		\$ 23,100		
	Radiant Heating Panels	1,455	lf	\$140.00		\$ 203,700		
		69,308	GSF	\$24.10	\$ 1,670,348			
	OSCG- D3050. Terminal & Package Units				\$ 1,670,348			
	D3060 CONTROLS & INSTRUMENTATION							
		69,308	sf	\$6.50		\$ 450,502		
		69,308	GSF	\$6.50	\$ 450,502			
	OSCG- D3060. Controls & Instrumentation				\$ 450,502			
	D3070 SYSTEMS TESTING & BALANCING							
		69,308	sf	\$1.00		\$ 69,308		
	OSCG- D3070. Systems Testing & Balancing				\$ 69,308			
	D3090 OTHER HVAC SYSTEMS							
	Make safe HVAC in existing building. Cut, Cap and Drop	10	CD	\$2,394.00		\$ 23,940		
	Core drilling	69,308	GSF	\$0.05		\$ 3,639		
	Concrete House Keeping Pads					with Concrete		
	Fire Stopping	69,308	GSF	\$0.07		\$ 5,094		
	Testing / Balancing	69,308	GSF	\$0.32		\$ 21,832		
	BIM Coordination	69,308	GSF	\$0.21		\$ 14,555		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



14-Jan-22

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Commissioning Assistance	69,308	GSF	\$0.11		\$ 7,277		
	Testing / Programming / Startup	69,308	GSF	\$0.26		\$ 18,193		
	D3090 GENERAL CONSTRUCTION ITEMS	69,308	GSF	\$1.36	\$ 94,530			
	Coordination and Project Management	41	MD	\$798.00		\$ 32,510		
	D3099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization, other temporary construction, demo	4,322,790	\$\$	1%		\$ 43,228		
	Temp Heat/Cool for Swing Space Classrooms	2,814	SF	\$10.00		\$ 28,140		
	Disconnect/cap or reroute water distribution piping in Corridor D102 - for Courtyard Access					in above		
	Temporary Rooftop S&R air distribution serving occupied areas (all phases)	1	Allow	\$120,000.00		NR		
	Temporary Heating and Cooling units at classrooms	12	EA	\$3,000.00		\$ 36,000		
	Dehumidification	1	LS	\$40,000.00		\$ 40,000		
	Temp Heat Exchangers	2	EA	\$15,000.00		\$ 30,000		
	Temporary Controls	1	Allow	\$25,000.00		\$ 25,000		
		69,308	GSF	\$2.92	\$ 202,368			
	OSCG- D3090. Other HVAC systems & Equipment				\$ 329,408			
D40	FIRE PROTECTION	69,308	SF			\$ 362,148	\$5.23	
	D4020 STANDPIPE AND FP MAIN SYSTEMS							
	Control Valve Assemblies							
	Misc Valving	1	ALLOW	\$5,000.00		\$ 5,000		
	Floor Control Valve Assembly - BF preventors, Valves, Bell, Fire Dept Connections					ETR		
	Hose Stations	3	EA	\$1,732.50		ETR		
	Fire pump	1	LS	\$52,500.00		Not Required		
	FP Standpipes and Mains							
	Fire Protection Mains	1,000	LF	\$45.00		\$ 45,000		
	FP Risers					ETR		
	Relocate 2000 Addition 4" FP Main above ceiling	239	LF	\$69.30		\$ 16,563		
		69,308	GSF	\$0.96	\$ 66,563			
	OSCG- D4020. Standpipes				\$ 66,563			
	D4030 FIRE PROTECTION							
	Sprinklers, Branch Piping	69,308	SF	<<info>>				
	Sprinkler Heads							
	FP Heads	702	EA	\$85.00		\$ 59,670		
	Branch Piping 1" - 1.5"	6,250	LF	\$23.00		\$ 143,750		
	Piping Seismic Restraints	69,308	SF	\$0.16		Not Required		
		69,308	GSF	\$3.82	\$ 264,983			
	OSCG- D4010. Sprinklers				\$ 203,420			
	D4090 GENERAL CONSTRUCTION ITEMS							
	Demolition - Cut, Cap and Drop	3	CD	\$2,394.00		\$ 7,182		
	Coordination and Project Management	20	MD	\$798.00		\$ 15,960		
	FP Permit and Fees	293,125	\$\$	\$0.00		in Mark-ups		
	Hydraulic Calculations	1	LS	\$5,250.00		\$ 5,250		
	Coring and fire stopping	2	CD	\$2,394.00		\$ 4,788		
		69,308	GSF	\$0.38	\$ 25,998			
	D4099 PHASING AND LOGISTICS							
	Phasing and Logistics Premium - remobilization, other temporary construction, demo	303,163	\$\$	1%		\$ 3,032		
	Temp FP for Swing Space Classrooms	2,814	SF	\$2.00		\$ 5,628		
	Drain and refill FP systems for temp FP mains and connections	6	EA	\$1,596.00		\$ 9,576		
	Temporary Fire Protection Mains	1	Allow	\$25,000.00		\$ 25,000		
	Temporary Fire Protection Connections, including at Courtyard Access corridor D102	6	EA	\$2,625.00		\$ 15,750		
		69,308	GSF	\$0.85	\$ 58,986			
	OSCG- D4090. Other Fire Protection Systems				\$ 92,166			
D50	ELECTRICAL	69,308	SF			\$ 3,442,661	\$49.67	
	D501003 MAIN SWITCHBOARDS, TRANSFORMERS, MCC, DISTRIBUTION PANELS, EQUIPMENT							
	Main Electrical Room							
	2,000A, 208Y/120V, 3 Phase, 4Wire Secondary Service Conductors					with Site Electrical Utilities		
	2,000A, 208Y/120V, 3 Phase, 4Wire Main Switch Section					ETR		
	2,000A, 208Y/120V, 3 Phase, 4Wire Metering Section					ETR		
	New Breakers in existing panels	1	EA	\$23,626.00		\$ 23,626		Electrical Wholesalers
	Installation	5	CD	\$1,200.00		\$ 6,000		
	Surge protection device					ETR		
	New 400A Service - Wire Secondary Service Conductors					with Site Electrical Utilities		
	New 800A Service - Main Switch Section - CT CAB	1	EA	\$18,651.00		\$ 18,651		
	New 800A Service - Metering Section	1	EA	\$12,256.00		\$ 12,256		
	Surge protection device	23	EA	\$750.00		\$ 17,250		
	New 2000A Service - Main Switch Section - MDS [hub of 208v panels]	2	EA	\$25,000.00		\$ 50,000		
	Floor Trenches - Ductbank	90	LF	\$250.00		\$ 22,500		
	Sawcutting and Concrete in-fill for Electrical Floor Trenches & Ductbank	180	LF	\$50.00		in Demo/Conc		
	Distribution Panels and Dev ices & Feeders							
	Panels							
	Power Dist- 125A LPLL	1	EA	\$1,000.00		\$ 1,000		
	Power Dist- 125A LPA	1	EA	\$1,000.00		\$ 1,000		
	Power Dist- 125A LPF	1	EA	\$1,000.00		\$ 1,000		
	Power Dist- 125A- LPD	1	EA	\$1,000.00		\$ 1,000		
	Power Dist- 150A MLA	1	EA	\$1,200.00		\$ 1,200		
	Power Dist- 200A MLD	1	EA	\$1,600.00		\$ 1,600		
	Power Dist- 225A GA2	1	EA	\$1,800.00		\$ 1,800		
	Power Dist- 225A KP	1	EA	\$1,800.00		\$ 1,800		
	Power Dist- 225A MLF	1	EA	\$1,800.00		\$ 1,800		
	Power Dist- 250A GPLL	1	EA	\$2,000.00		\$ 2,000		

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Power Dist- 400A Generator and to Main OS	1	EA	\$3,200.00		\$ 3,200		
	Power Dist- 400A- MPD	1	EA	\$3,200.00		\$ 3,200		
	Power Dist- 400A GPA	1	EA	\$3,200.00		\$ 3,200		
	Power Dist- 400A GPD	1	EA	\$3,200.00		\$ 3,200		
	Power Dist- 400A GPF	1	EA	\$3,200.00		\$ 3,200		
	Power Dist- 400A MPA	1	EA	\$3,200.00		\$ 3,200		
	Power Dist- 800A HDP	1	EA	\$6,400.00		\$ 6,400		
	Power Dist- 1200A LDP	1	EA	\$9,600.00		\$ 9,600		
	Feeder							
	Power Dist- 125A INV-A and INVA2	250	LF	\$39.06		\$ 9,766		
	Power Dist- 125A INV-D	24	LF	\$39.06		\$ 938		
	Power Dist- 125A INV-F	18	LF	\$39.06		\$ 703		
	Power Dist- 125A LPLL	21	LF	\$39.06		\$ 820		
	Power Dist- 125A LPA	15	LF	\$39.06		\$ 586		
	Power Dist- 125A LPF	137	LF	\$39.06		\$ 5,352		
	Power Dist- 125A LPD	15	LF	\$39.06		\$ 586		
	Power Dist- 150A MLA	21	LF	\$46.88		\$ 984		
	Power Dist- 200A MLD	24	LF	\$62.50		\$ 1,500		
	Power Dist- 225A GA2	33	LF	\$70.31		\$ 2,320		
	Power Dist- 225A KP	35	LF	\$70.31		\$ 2,461		
	Power Dist- 225A MLF	17	LF	\$70.31		\$ 1,195		
	Power Dist- 250A GPLL	23	LF	\$109.38		\$ 2,516		
	Power Dist- 400A Generator and to Main OS	212	LF	\$175.00		\$ 37,100		
	Power Dist- 400A- MPD	530	LF	\$175.00		\$ 92,750		
	Power Dist- 400A GPA	175	LF	\$185.00		\$ 32,375		
	Power Dist- 400A GPD	589	LF	\$185.00		\$ 108,965		
	Power Dist- 400A GPF	190	LF	\$185.00		\$ 35,150		
	Power Dist- 400A MPA	175	LF	\$200.00		\$ 35,000		
	Power Dist- 800A HDP	75	LF	\$400.00		\$ 30,000		
	Power Dist- 1200A LDP	75	LF	\$600.00		\$ 45,000		
	D501003 MAIN SWITCHBOARDS, TRANSFORMERS, MCC, DISTRIBUTION	69,308	GSF	\$9.32	\$ 645,750			
	D509002 EMERGENCY POWER AND LIGHTING							
	Inverters 2.8 kw	4	EA	\$10,000.00		\$ 40,000		
	Exterior Emergency Lighting wall pack - fixture and installation	25	ea	\$532.88		\$ 13,322		
	D509002 EMERGENCY POWER AND LIGHTING	69,308	GSF	\$1.47	\$ 101,572			
	Switched and fused portable generator inlet							
	400 A Switched and fused portable generator inlet	1	EA	\$10,000.00	\$ 10,000	\$ 10,000		
	MTS	1	EA	\$15,000.00	\$ 15,000	\$ 15,000		
	400 A MCB PANEL	1	EA	\$4,500.00	\$ 4,500	\$ 4,500		
	Feeder	150	LF	\$125.00	\$ 18,750	\$ 18,750		
	D509003 GROUNDING SYSTEMS	69,308	GSF	\$0.70	\$ 48,250			
	Ground Electrode per NEC 250-50	1	ls	\$6,825.00		\$ 6,825		
	Domestic & Water Service Electrodes per NEC 250	1	ls	\$3,150.00		\$ 3,150		
	Building Steel Ground Electrode per NEC-250	1	ls	\$2,100.00		\$ 2,100		
	Gas Service Electrodes per NEC 250	1	ls	\$3,675.00		\$ 3,675		
	Sprinkler Grounding System	1	ls	\$3,675.00		\$ 3,675		
	Transform Pad grounding System	1	ls	\$525.00		\$ 525		
	Telecomm grounding	1	ls	\$3,675.00		\$ 3,675		
	D509003 GROUNDING SYSTEMS	69,308	GSF	\$0.34	\$ 23,625			
	OSCG- D5010. Electrical Service & Distribution				\$ 770,946			
	D502001 BRANCH WIRING							
	Duplex/Quadplex receptacles	734	EA	\$393.75		\$ 289,013		
	Domestic Water Heaters	2	EA	\$511.88		\$ 1,024		
	Domestic HW S&R Pumps	4	EA	\$511.88		\$ 2,048		
	Plumbing - Electric Flush Valves	140	EA	\$157.50		\$ 22,050		
	Plumbing - Electric Water Coolers	4	EA	\$511.88		\$ 2,048		
	HVAC Boilers	2	EA	\$2,047.50		\$ 4,095		
	HW Pumps	4	EA	\$1,023.75		\$ 4,095		
	AHUs							
	Classroom AHU HW and DX Coil,1000 CFM ea	21	EA	\$281.25		\$ 5,906		
	VFDs	21	EA	\$70.31		\$ 1,477		
	VRF System							
	VRF-1 to VRF -33 (Indoor) Served by HP-1 to HP-6 (Roof)	33	EA	\$210.94		\$ 6,961		
	ERU s							
	ERU-1	1	EA	\$1,125.00		\$ 1,125		
	ERU-2	1	EA	\$1,125.00		\$ 1,125		
	ERU-3	1	EA	\$1,125.00		\$ 1,125		
	ERU-4	1	EA	\$1,125.00		\$ 1,125		
	VFDs	8	EA	\$70.31		\$ 563		
	VAV-1 to VAV-13	13	EA	\$210.94		\$ 2,742		
	Dedicated Outdoor Air (DOAS Units)							
	DOAS-1A	1	EA	\$1,125.00		\$ 1,125		
	DOAS-1B	1	EA	\$1,125.00		\$ 1,125		
	DOAS-2A	1	EA	\$1,125.00		\$ 1,125		
	DOAS-2B	1	EA	\$1,125.00		\$ 1,125		
	DOAS-3	1	EA	\$1,125.00		\$ 1,125		
	DOAS-4	1	EA	\$1,125.00		\$ 1,125		
	VFDs	6	EA	\$70.31		\$ 422		
	Elevator	1	EA	\$3,071.25		\$ 3,071		
	Kitchen Power	1	LS	\$15,750.00		\$ 15,750		
	D502099 LIGHTING, BRANCH WIRING, LIGHTING CONTROLS	69,308	GSF	\$5.06	\$ 350,463			
	Lighting - Wiring, Fixtures and Installation							
	Light Fixtures	651	EA	<<Info>>				
	Electric-Lights- F1- 2x4 Recessed	277	EA	\$300.00		\$ 83,100		
	Electric-Lights- F1E- 2x4 Emer. Recessed	39	EA	\$350.00		\$ 13,650		
	Electric-Lights- F2- 2x2 Recessed	145	EA	\$300.00		\$ 43,500		
	Electric-Lights- F2E - 2x2 Recessed Emer.	33	EA	\$350.00		\$ 11,550		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Electric-Lights- F3 - 1x4 Recessed	72	EA	\$300.00		\$ 21,600		
	Electric-Lights- F3E - 1x4 Recessed Emer.	49	EA	\$350.00		\$ 17,150		
	Electric-Lights- F4- Recessed Down light	31	EA	\$200.00		\$ 6,200		
	Electric-Lights- F4E- Recessed Down light	11	EA	\$200.00		\$ 2,200		
	Electric-Lights- F5- Linear 4' Utility Strip	39	EA	\$350.00		\$ 13,650		
	Electric-Lights- F5E- Emer. Linear 4' Utility Strip	20	EA	\$400.00		\$ 8,000		
	Electric-Lights- F6- 2x4 Recessed	4	EA	\$300.00		\$ 1,200		
	Electric-Lights- F6E- 2x4 Emer. Recessed	4	EA	\$350.00		\$ 1,400		
	Electric-Lights- F7- 2x2 Recessed	3	EA	\$300.00		\$ 900		
	Electric-Lights- F7E- 2x2 Emer. Recessed	3	EA	\$350.00		\$ 1,050		
	Electric-Lights- F8- Linear 4' Utility	7	EA	\$350.00		\$ 2,450		
	Electric-Lights- F8E- Emer. Linear 4' Utility	3	EA	\$400.00		\$ 1,200		
	Electric-Lights- F9-Round Top LED	10	EA	\$350.00		\$ 3,500		
	Electric-Lights- F9E-Round top LED	12	EA	\$375.00		\$ 4,500		
	Electric-Lights- F10 - Suspended Pendant Light in Cafetorium	21	EA	\$600.00		\$ 12,600		
	Electric-Lights- F10E - Emer. Suspended Pendant Light in Cafetorium	9	EA	\$550.00		\$ 4,950		
	Electric-Lights- F11 - 2x2 LED Recessed in Gym	4	EA	\$450.00		\$ 1,800		
	Electric-Lights- F11E - 2x2 Emer. LED Recessed in Gym	4	EA	\$500.00		\$ 2,000		
	Electric-Lights- F12 - Cylinder LED Pendant	5	EA	\$450.00		\$ 2,250		
	Electric-Lights- F13 - 6" Pendant Cylinder	4	EA	\$350.00		\$ 1,400		
	Electric-Lights- F14E - 2x4 Emer. Recessed	1	EA	\$350.00		\$ 350		
	Electric-Lights- F15 - 2x2 Recessed	25	EA	\$300.00		\$ 7,500		
	Electric-Lights- F15E - 2x2 Emer. Recessed	23	EA	\$350.00		\$ 8,050		
	Electric-Lights- F16 - 2x2 Recessed	16	EA	\$300.00		\$ 4,800		
	Electric-Lights- F16E - 2x2 Emer. Recessed	6	EA	\$350.00		\$ 2,100		
	Electric-Lights- F17 - 2x2 Recessed	3	EA	\$325.00		\$ 975		
	Electric-Lights- F17E - 2x2 Emer. Recessed	3	EA	\$375.00		\$ 1,125		
	Electric-Lights- X1-Exit	34	EA	\$150.00		\$ 5,100		
	Electric-Lights- X2-Exit	2	EA	\$150.00		\$ 300		
	Electric-Lights- X3-Exit	3	EA	\$150.00		\$ 450		
	Electric-Lights- X4-Exit	3	EA	\$150.00		\$ 450		
		69,308	GSF	\$4.23	\$ 293,000			
	Light Fixture Installation	651	EA	\$159.86		\$ 104,070		
	Lighting Branch Wiring	69,308	GSF	\$3.00		\$ 207,924		
	Creston Zum - wireless lighting control system	69,308	GSF	\$2.50		\$ 173,270		
		69,308	GSF	\$11.23	\$ 778,264			
	Cafetorium Stage Lighting, Diming and installation system - fixtures	1	LS	\$75,000.00		\$ 75,000		
	Cafetorium Stage Lighting, Diming and installation system - Installation and Power	1	LS	\$20,000.00		\$ 20,000		
	OSCG- D5020. Lighting and Branch Wiring				\$ 1,223,727			
	D503001 FIRE ALARM SYSTEMS							Notifier system
	FA-Panel	1	EA	\$10,000.00		\$ 10,000		
	FA-Devices	152	EA	\$550.00		\$ 83,600		
	FA-Conduits, Raceways power & Wiring	69,308	SF	\$1.00		\$ 69,308		
		69,308	GSF	\$2.35	\$ 162,908			
	Bi-Directional System	1	EA	\$10,000.00		Not Required		
	D503002 TELECOMMUNICATIONS SYSTEMS							
	TeleData Equipment - Data Rooms/Elec room					by Owner		
	Data Racks	6	EA	\$2,625.00		\$ 15,750		
	UPS	6	EA	\$3,150.00		\$ 18,900		
	Equipment Patch Cords for MDF/IDF rooms	6	EA	\$1,575.00		\$ 9,450		
	Wireless access points	70	EA	\$1,100.00		\$ 77,000		
	TeleData drops - outlet/conduit/cablings/connections/testing (Incl AV drops)	206	EA	\$550.00		\$ 113,300		
		69,308	GSF	\$3.38	\$ 234,400			
	D503004 PUBLIC ADDRESS SYSTEMS AND AUDIO VISUAL SYSTEMS							
	Public Address Systems	69,308	GSF	\$1.05		\$ 72,773		
	Gym - Sound System	1	LS	\$1,000.00		\$ 1,000		
	Cafetorium - Sound System	1	LS	\$1,000.00		\$ 1,000		
	Ceiling Mounted Speaker	173	EA	\$250.00		\$ 43,250		
	Wall Mounted Speaker	12	EA	\$250.00		\$ 3,000		
	Short Throw Projection screen power	30	ea	\$250.00		\$ 7,500		
	Projection screen power at Cafetorium	1	ea	\$750.00		\$ 750		
	Interactive Monitors	36	ea	\$2,500.00		\$ 90,000		
	Short throw Projector (systems) - assumed scope	29	EA	\$2,625.00		N/A		
		69,308	GSF	\$3.16	\$ 219,273			
	D503006 CLOCK & PROGRAM SYSTEMS	69,308	GSF	\$2.00		\$ 138,616		
	D503008 SECURITY SYSTEMS AND ACCESS CONTROLS							
	CPU	2	EA	\$2,500.00		\$ 5,000		
	ACS remote panel	12	EA	\$5,000.00		\$ 60,000		
	CCTV camera	45	EA	\$850.00		\$ 38,250		
	CCTV camera, Multi-lensed	21	EA	\$1,250.00		\$ 26,250		
	Card reader	39	EA	\$450.00		\$ 17,550		
	Keypad	2	EA	\$475.00		\$ 950		
	Duress button	7	EA	\$150.00		\$ 1,050		
	Door contact	64	EA	\$150.00		\$ 9,600		
	Motion detector	64	EA	\$200.00		\$ 12,800		
	Electric Lock Install	13	EA	\$150.00		\$ 1,950		
	Electric Hinge Install	56	EA	\$150.00		\$ 8,400		
	Power transfer Install	70	EA	\$150.00		\$ 10,500		
	Door junction box	77	EA	\$35.00		\$ 2,695		
	Device box with 3/4" conduit stub	97	EA	\$110.00		\$ 10,670		
	Intercom station	6	EA	\$1,200.00		\$ 7,200		
	Back boxes, conduit and other raceways	69,308	gsf	\$0.15		\$ 10,396		
	Cabling	69,308	gsf	\$1.00		\$ 69,308		
	REX	44	EA	\$150.00		\$ 6,600		
	Head end - furnished and installed	1	LS	\$72,365.00		\$ 72,365		
	Security - Site PTZ Cameras - including trenching, conduit, wiring, pole					in Site Electrical		
		69,308	GSF	\$5.36	\$ 371,534			
	OSCG- D5030. Communications & Security				\$ 1,126,732			

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	D509004 LIGHTNING PROTECTION	69,308	GSF	\$0.89		\$ 62,000		Northeast Budget 1/6/22
	Third party certification	1	ls	\$2,200.00		\$ 2,200		Northeast Budget 1/6/22
	D509901 GENERAL ELECTRICAL CONSTRUCTION ITEMS							
	Demolition - Cut, Cap and Drop	5	CD	\$2,394.00		\$ 11,970		
	Testing	69,308	GSF	\$0.10		\$ 6,931		
	Commissioning Assistance	69,308	GSF	\$0.15		\$ 10,396		
	Temporary Power & Lighting	69,308	GSF	\$0.30		\$ 20,792		
	Coordination and Project Management	59	MD	\$798.00		\$ 46,922		
	Arc Flash /Coordination Study	1	ls	\$15,750.00		\$ 15,750		
	BIM Coordination	1	ls	\$10,500.00		\$ 10,500		
	D509901 GENERAL ELECTRICAL CONSTRUCTION ITEMS	69,308	GSF	\$1.78	\$ 123,262			
	D5099 PHASING AND LOGISTICS							
	Trace all existing circuits prior to demo (6 Phases)	10	CD	\$2,394.00		\$ 23,940		
	Temporary rerouting of feeders to future phases (6 Phases)	12	CD	\$2,394.00		\$ 28,728		
	Removal of temporary feeders to future phases (6 Phases)	10	CD	\$1,260.00		\$ 12,600		
	Electrical fit out of temporary classrooms for swing space	2,814	SF	\$10.00		\$ 28,140		
	Electrical Demo of temp classrooms	5	CD	\$1,260.00		\$ 6,300		
	Phasing and Logistics Premium - remobilization, other temporary construction, demo	3,408,575	\$\$	1%		\$ 34,086		
		69,308	GSF	\$0.99	\$ 68,526			
	OSCG- D5090. Other Electrical Systems				\$ 321,256			
E10	EQUIPMENT	69,308	SF			\$ 268,840	\$3.88	
	E109004 RESIDENTIAL EQUIPMENT /COMMERCIAL EQUIPMENT							
	Refrigerator	5	EA	\$1,600.00		\$ 8,000		
	Microwave oven	2	EA	\$350.00		\$ 700		
	Under Counter Refrigerator	1	EA	\$750.00		\$ 750		
	Set in place	8	EA	\$65.00		\$ 520		
		69,308	GSF	\$0.14	\$ 9,970			
	OSCG- E1010. Commercial Equipment				\$ 9,970			
	E1020 INSTITUTIONAL EQUIPMENT							
	E102008 INSTRUMENTAL EQUIPMENT							
	Music Storage Equipment	1	EA	\$5,250.00		\$ 5,250		
	Kiln Equipment-Arts Room	1	EA	\$5,000.00		\$ 5,000		
	E102002 MEDICAL EQUIPMENT							
	Recessed Defibrillator	4	EA	\$525.00		Assume Not Required		
	Examination Table	3	EA	\$2,625.00		Assume Not Required		
	OSCG- E1020. Institutional Equipment				\$ 10,250			
	E109004 VEHICULAR EQUIPMENT							
	Vehicular equipment					none		
	OSCG- E1030. Vehicular Equipment (Bldg fixed)				\$ -			
	E102005 AUDITORIUM & STAGE EQUIPMENT							
	Cafetorium Projection System	1	LS	\$15,000.00		\$ 15,000		
	Short throw Projector (systems)	29	EA	\$2,600.00		in FFE		
	E1090 OTHER EQUIPMENT							
	Flameproof Safety Storage Cabinet-@Maintenance/Main Custodial	2	EA	\$2,100.00		\$ 4,200		
	Bullet Resistant Transaction Window in Vestibule 48" x 48"	1	EA	\$10,500.00		\$ 10,500		
	Cafetorium curtain and rigging	1	EA	\$50,000.00		\$ 50,000		
	Narcotics Cabinet	1	EA	\$1,750.00		\$ 1,750		Harloff
	E109002 FOOD SERVICE EQUIPMENT							
	Food Service Equipment	1	LS	\$85,000.00		\$ 85,000		\$125,607 Johnson - Lancaster - NCG
	Food Service Equipment - Fume Hood only	1	LS	\$15,000.00		\$ 15,000		\$15,000 Johnson - Lancaster - NCG
	E109007 ATHLETIC, RECREATIONAL, & THERAPEUTIC							
	Wall Mounted Basketball Hoops	6	EA	\$5,000.00		\$ 30,000		
	Support Framing	1	LS	\$2,100.00		\$ 2,100		
	Gym wall pads	1,560	SF	\$15.75		\$ 24,570		
	Gym Divider-Walk Draw Curtain	50	LF	\$210.00		\$ 10,500		
		69,308	GSF	\$0.97	\$ 67,170			\$62,725 - National Equipment & Facility
	OSCG- E1090. Other Equipment				\$ 248,620			
E20	FURNISHINGS	69,308	SF			\$ 72,172	\$1.04	
	E2010 FIXED FURNISHINGS							
	E102001 MILLWORK					in C103014 Casework		
	E201002 WINDOW TREATMENTS							
	1" aluminum horizontal louver blind	254	SF	\$10.00		\$ 2,540		
	RS1 - 2 Roller Shade	705	SF	\$17.00		\$ 11,985		
	RS2 - Single Roller Shade	3,793	SF	\$10.00		\$ 37,930		
	RS3 Motorized Roller Shade	353	SF	\$15.00		\$ 5,295		
	Power for Motorized	10	EA	\$200.00		\$ 2,000		
		69,308	GSF	\$ 0.86	\$ 59,750			
	E201004 FIXED FLOOR GRILLES AND MATS							
	Walk-of Carpet	1,183	SF	\$10.50		\$ 12,422		At Vestibules
	OSCG- E2010. Fixed Furnishings				\$ 72,172			

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
F10	SPECIAL CONSTRUCTION	69,308	SF			\$ -	\$0.00	
	F1010. SPECIAL STRUCTURES					N/A		
	OSCG- F1010 Special Structures				\$ -			
	F1020. INTEGRATED CONSTRUCTION					N/A		
	OSCG- F1020. Integrated Construction				\$ -			
	F1030. SPECIAL CONSTRUCTION SYSTEMS					N/A		
	OSCG- F1030. Special Construction Systems				\$ -			
	F1040. SPECIAL FACILITIES					N/A		
	OSCG- F1040. Special Facilities				\$ -			
	F1050. SPECIAL CONTROLS & INSTRUMENTATION					N/A		
	OSCG- F1050. Special Controls & Instrumentation				\$ -			
F20	SELECTIVE BUILDING DEMOLITION	69,308	SF			\$ 2,081,639	\$30.03	
	F2010 BUILDING ELEMENTS DEMOLITION							
	F2010 BUILDING ELEMENTS DEMOLITION							
	Building Cleanout	69,308	SF	\$0.75		\$ 51,981		
	Selective Demolition							
	Crew- Demolition Crew Day Cost							
	Labor Foreman	1	ea	\$660.00	\$660.00			
	Labor	7	ea	\$572.00	\$4,004.00			
	Equipment	1	ls	\$1,000.00	\$1,000.00			
	Small Tools	1	ls	\$750.00	\$750.00			
	Personal Protection Equipment	1	ls	\$250.00	\$250.00			
		1	crwdy		\$6,664.00			
	Phase 1-Area C/Admin/Mech (Apprx- 8500 SF)	5	crwdy	\$6,664.00		\$ 33,320		2 Weeks
	Phase 2-Area B (Approx-14,000 SF)- Incl Exterior Wall & Storefront Demo	5	crwdy	\$6,664.00		\$ 33,320		3 Weeks
	Phase 3A-Kitchen (Approx 1,300 SF)	3	crwdy	\$6,664.00		\$ 19,992		1 Week
	Phase 3- Area A (Approx 9,100 SF)	5	crwdy	\$6,664.00		\$ 33,320		2 Weeks
	Phase 4 Area E & F (Approx 19,250 SF)-Incl Exterior Wall & Storefront Demo	5	crwdy	\$6,664.00		\$ 33,320		1 Month
	Phase 5 Area D (Approx 14,000 SF)	5	crwdy	\$6,664.00		\$ 33,320		3 Weeks
	Phasing Remobilization	5	Phase	\$5,000.00		\$ 25,000		
	Demolition-1-Demolish Exterior Wall Assembly-(Non Hazmat)	569	LF	<<Info>>		w/above		
	Demolition-11-Millwork Countertop-Non Haz	467	LF	<<Info>>		w/above		
	Demolition-14-Plumbing Fixtures/Compartments-Core Toilets	8	EA	<<Info>>		w/above		
	Demolition-18-Remove resilient flooring	51,794	SF	<<Info>>		w/above		
	Demolition-19-Remove tile flooring	4,083	SF	<<Info>>		w/above		
	Demolition-24-Remove Ceiling	51,794	SF	<<Info>>		w/above		
	Demolition-2-Demo Alum Storefront	77	LF	<<Info>>		w/above		
	Demolition-4-Demo Interior Walls-(Non Hazmat)	238	LF	<<Info>>		w/above		
	Demolition-4-Demolish Window	257	LF	<<Info>>		w/above		
	Demolition-4-Demolish Window	66	EA	<<Info>>		w/above		
	Demolition-5,6 Remove doors	72	EA	<<Info>>		w/above		
	Demolition-5-Remove Walls	14	LF	<<Info>>		w/above		
	Demolition-Plumbing Fixtures-Single Toilets	6	EA	<<Info>>		w/above		
	Demolition-Remove Display Case	1	EA	<<Info>>		w/above		
	Demolition-Remove Lockers	281	LF	<<Info>>		w/above		
	Demolition-Remove Wall Decorations	36	LF	<<Info>>		w/above		
	Roof Removal					in Roofing		
	Sawcut 10sf openings in Existing Plank Decking for 30 new roof drains	30	Loc	\$500.00		\$ 15,000		
	Sawcut conc, E&B, and Prep SOG Infill for new underground sanitary and storm piping	1,278	SF	\$40.00		\$ 51,100		
	Area D - Sawcut conc, E&B, and Prep SOG Infill for new underground sanitary and storm piping	500	SF	\$40.00		\$ 20,000		
	Radon Mitigation - Sawcut/Demo, Exc, Piping, Backfill, Conc Infill, Roof Demo & patching	264	SF	\$215.00		\$ 56,760		
		69,308	SF	\$5.86	\$ 406,433			11 Locations - Scope Added 1.11.22
	OSCG- F2010. Building Elements Demolition				\$ 406,433			
	F2020 HAZARDOUS COMPONENTS ABATEMENT							
	F2020 HAZARDOUS COMPONENTS ABATEMENT							
	EnviroMed Budget Budget	1	LS	\$1,675,206.00		\$ 1,675,206		\$1,675,206 John Lubby Budget
	Abatement CH-Remove 50 LF of ACM Pipe Insulation	20	EA	<<Info>>		w/above		\$1,490,000 Demolition Services
	Abatement CP-Remove Ceiling Plaster	3,084	SF	<<Info>>		w/above		\$1,763,000 AAIS
	Abatement CRM**-Classroom Millwork Countertop	722	LF	<<Info>>		w/above		
	Abatement D1/W5-Door frame w/24" wall length-ACM	44	EA	<<Info>>		w/above		
	Abatement DW/P1-Duct/Pipe Wrap- 450 SF ACM	2	EA	<<Info>>		w/above		
	Abatement P2-Duct/Pipe Wrap- 200LF ACM	1	EA	<<Info>>		w/above		
	Abatement P3-Duct/Pipe Wrap- 100LF ACM	2	EA	<<Info>>		w/above		
	Abatement VAT/CPT-Remove asbestos waste-Vinyl Tile	7,208	SF	<<Info>>		w/above		
	Abatement W1/W2/W3/W4/W13-Remove Chalk/Tack/Marker Bd-ACM-Location	75	EA	<<Info>>		w/above		
	Abatement W15 Abate Exterior wall Assembly	1,124	SF	<<Info>>		w/above		
	Abatement W18-/W9/W8 PCB Waste Paint-Cafe/Gym @ 21'0"	10,572	SF	<<Info>>		w/above		
	Abatement W5/W17-Remove Wall as PCB/Asbestos Waste	11,702	SF	<<Info>>		w/above		
	Abatement W6/W1/W14/W4-PCB Waste Paint	24,117	SF	<<Info>>		w/above		
		69,308	demo sf	\$24.17	\$ 1,675,206			
	OSCG- F3010. PCB/Asbestos/Lead Abatement				\$ 1,675,206			
G10	SITE PREPARATION	69,308	SF			\$ 644,797	\$9.30	
	G1010 SITE CLEARING							
	G101001 CLEARING							
	Site Mobilization	2	EA	\$26,250.00		\$ 52,500		
	Strip & Stockpile Top Soil	998	CY	\$5.25		\$ 5,241		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Export Material		CY	\$0.00		w/earthwork		
	General Clearing - Grubbing	136,132	SF	\$0.16		\$ 21,441		
	Paving removal-Concrete/Bituminous	125,158	SF	\$0.32		\$ 39,425		
	Tree Removal	38	EA	\$525.00		\$ 19,950		
	Temp Access/ Traffic Control							
	Temporary gravel laydown & parking area-Logistic plan	50,793	SF	<<info>>				
	Compacted sub-base	5,644	SY	\$2.10		\$ 11,852		
	Compacted gravel fill- 3" tk	517	CY	\$35.00		\$ 18,107		
	Premium for Temporary Road	10,000	SF	\$1.58		\$ 15,750		
	Temporary Gravel Working Area in Courtyard	18,508	SF	<<info>>				
	Compacted sub-base	2,056	SY	\$2.10		\$ 4,318		
	Compacted gravel fill- 3" tk	189	CY	\$35.00		\$ 6,598		
	Construction Fencing - Setup/Rental - 8'ht							
	East Site Construction	4,406	LF	\$18.00		\$ 79,308		
	Relocation for other phases	489	LF	\$10.00		\$ 4,890		
	Construction Gates	2	EA	\$3,500.00		\$ 7,000		
	Traffic Control - Flagman					In GRs		
	Temporary Line Striping	1	LS	\$7,500.00		\$ 7,500		
	Roadway Maintenance and Repair	27	MOS	\$787.50		\$ 21,388		
	Daily Site Cleaning - Street Sweeping	27	MOS	\$1,050.00		\$ 28,517		
	Erosion and Sedimentation Control							
	Silt Fence	1,755	LF	\$7.35		\$ 12,899		
	Silt Sacks in CB's/Area drains-existing & assumed new	21	EA	\$157.50		\$ 3,308		
	Concrete Wash-out area	1	EA	\$2,625.00		\$ 2,625		
	Hay Bales	496	LF	\$5.00		\$ 2,480		
	Anti-Tracking Pads	1	EA	\$5,000.00		\$ 5,000		
	Hose Bib and Tire Wash	1	EA	\$2,625.00		\$ 2,625		
	Site Dust Control	27.16	MOS	\$1,050.00		\$ 28,517		
		8.66	ACRE	\$46,357.79	\$ 401,239			
	OSCG- G1010. Site Clearing				\$ 401,239			
	G1020 SITE DEMOLITION & RELOCATIONS							
	Remove and Dispose guard rails	112	LF	\$15.75		\$ 1,764		
	Remove and Dispose Other Misc. Site Improvements Not identified	1	LS	\$15,750.00		\$ 15,750		
	Misc utilities demo-Not Identifies	1	LS	\$15,750.00		\$ 15,750		
	Sanitary Manholes and Piping - East of B Wing	1	LS	\$25,000.00		\$ 25,000		
		8.66	ACRE	\$6,731.63	\$ 58,264			Confirm Scope is required
	OSCG- G1020. Site Demolition & Relocation				\$ 58,264			
	G1030 SITE EARTHWORK							
	G103001 GRADING							
	Grading - Site	24,071	SY	\$0.75		\$ 18,053		
	G103002 COMMON EXCAVATION							
	Building Mass Cut							
	Site-Mass Cut - improvements, For walks, ramps, site walls	8,538	CY	\$8.00		\$ 68,302		Site
	Site Backfill-Majority backfill in Courtyard-Assume imported fill	761	CY	\$8.00		\$ 6,088		
	Export (Added 400 cy generated from utility trenches)	8,023	CY	\$10.00		\$ 80,227		Adj for revised West Paving profile
	Trench Rock Allowance	100	CY	\$100.00		\$ 10,000		Confirm QTY
	Building Foundation							
	Trench bldg foundation-West addition, boiler rm					w/footings		
	Backfill w/Controlled fill					w/footings		
	Trench for foundation wall for brick veneer					w/footings		
	Backfill w/Controlled fill					w/footings		
	Mass cut for Building slab on grade					w/site Mass cut		
	Passive Dewatering	1	CD	\$2,625.00		\$ 2,625		
		8.66	/AC	\$21,408.32	\$ 185,294			
	OSCG- G1030. Site Earthwork				\$ 185,294			
	G1040 HAZARDOUS WASTE REMEDIATION							
	G104099 OTHER HAZARDOUS WASTE REMEDIATION					Assume None		
	OSCG- G1040. Hazardous Waste Remediation				\$ -			
G20	SITE IMPROVEMENTS	69,308	SF			\$ 2,131,525	\$30.75	
	G2010 ROADWAYS							
	Vehicular asphalt on grade - driveways-NEW Heavy Duty-- OUTSIDE PROPERTY INELIG	1,669	SF	<<info>>				
	Compacted Subgrade	185	SY	\$1.05		\$ 195		
	6" Processed Aggregate base	31	CY	\$35.00		\$ 1,082		
	6" Gravel Subbase	31	CY	\$35.00		\$ 1,082		
	Binder Course - Class 1- 2" thk	185	SY	\$17.85		\$ 3,310		2" Course
	Wearing Course - Class 2- 2" thk	185	SY	\$17.85		\$ 3,310		2" Course
		1,669	SF	\$5.38	\$ 8,979			
	Curbs-OUTSIDE PROPERTY INELIGIBLE							
	Cast in place concrete curb	104	LF	\$35.00		\$ 3,640		
		104	LF	\$35.00	\$ 3,640			
	Marking/Line Striping							
	Line Striping-Cross walk Striping	497	SF	\$1.05		\$ 522		
		-	SF		\$ 522			
	OSCG- G2010 Roadways				\$ 13,140			

ESTIMATE DETAIL
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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	G2020 PARKING LOTS							
	G202002 CURBS & GUTTERS							
	Cast in place concrete curb	2,057	LF	\$35.00		\$ 71,995		
	Integral Curb	1,404	LF	\$15.00		\$ 21,060		
		3,461	LF	\$26.89	\$ 93,055			
	G202003 PAVED SURFACES							
	Vehicular asphalt on grade - driveways-NEW Heavy Duty	70,204	SF	<<info>>				
	Compacted Subgrade	7,800	SY	\$1.05		\$ 8,190		
	6" Processed Aggregate base	1,300	CY	\$35.00		\$ 45,503		
	6" Gravel Subbase	1,300	CY	\$35.00		\$ 45,503		
	Binder Course - Class 1- 2" thk	7,800	SY	\$17.85		\$ 139,238		2" Course
	Wearing Course - Class 2- 2" thk	7,800	SY	\$17.85		\$ 139,238		2" Course
		70,204	SF	\$5.38	\$ 377,672			
	Marking/Line Striping							
	Line Striping- Parking Space	109	EA	\$26.25		\$ 2,861		
	Line Striping- HC Parking Space	6	EA	\$42.00		\$ 252		
	Line Striping-Cross walk Striping	3,488	SF	\$1.05		\$ 3,662		
	Line Striping-Direction Arrows	30	EA	\$50.00		\$ 1,500		
	Line Striping-Lane divider/stop bar	1,091	LF	\$2.50		\$ 2,728		
					\$ 11,003			
	Galvanized Steel lift Arm Vehicle Gate	1	EA	<<info>>				
	Galvanized Steel lift Arm Vehicle Gate	1	EA	\$5,250.00		\$ 5,250		
	Infrastructure - Excavation & Backfill, Concrete	1	EA	\$1,750.00		\$ 1,750		
		1	LF	\$7,000.00	\$ 7,000			
	OSCG- G2020. Parking				\$ 488,730			
	G2030 PEDESTRIAN PAVING							
	G203003 PAVED SURFACES							
	Pedestrian Concrete Walks	22,215	SF	<<info>>				
	Compacted Subgrade	2,468	SY	\$2.00		\$ 4,937		
	8" Compacted Sub Base	549	CY	\$35.00		\$ 19,198		
	5" tk Concrete material	377	CY	\$183.75		\$ 69,349		
	Place and Finish	22,215	SF	\$5.50		\$ 122,183		
	Mesh and Reinforcing bars	22,215	SF	\$0.26		\$ 5,831		
		22,215	SF	\$9.97	\$ 221,498			
	Pedestrian Concrete Walks-Ineligible	119	SF	<<info>>				
	Compacted Subgrade	13	SY	\$2.00		\$ 26		
	8" Compacted Sub Base	3	CY	\$35.00		\$ 103		
	5" tk Concrete material	2	CY	\$183.75		\$ 371		
	Place and Finish	119	SF	\$5.50		\$ 655		
	Mesh and Reinforcing bars	119	SF	\$0.26		\$ 31		
		119	SF	\$9.97	\$ 1,187			
	Precast Concrete Pavers	4,324	SF	<<info>>				
	Compacted Subgrade	480	SY	\$2.00		\$ 961		
	12" Compacted Sub Base	160	CY	\$35.00		\$ 5,605		
	5" tk Concrete material	73	CY	\$183.75		\$ 13,498		
	Place and Finish	4,324	SF	\$5.50		\$ 23,782		
	Mesh and Reinforcing bars	4,324	SF	\$0.26		\$ 1,135		
	Concrete Pavers	4,324	SF	\$28.00		\$ 121,072		
		4,324	SF	\$38.40	\$ 166,053			
	Concrete Ramps	724	SF	<<info>>				
	Compacted Subgrade	80	SY	\$1.05		\$ 84		
	18" Compacted Sub Base	40	CY	\$35.00		\$ 1,408		
	12" tk Concrete material	29	CY	\$183.75		\$ 5,420		
	Place and Finish	724	SF	\$3.15		\$ 2,281		
	Mesh and Reinforcing bars	724	SF	\$0.26		\$ 190		
		724	SF	\$12.96	\$ 9,383			
	HD Concrete paving @ Loading Dock, Dumpster Pad	1,202	SF	<<info>>				
	Compacted Subgrade	134	SY	\$1.05		\$ 140		
	12" Compacted Sub Base	45	CY	\$35.00		\$ 1,558		
	8" tk Concrete material	33	CY	\$183.75		\$ 6,029		
	Place and Finish	1,202	SF	\$3.15		\$ 3,786		
	Mesh and Reinforcing bars	1,202	SF	\$0.26		\$ 316		
		1,202	SF	\$9.84	\$ 11,829			
	Precast Concrete Stairs	145	SF	<<info>>				
	Precast Concrete Stairs	145	SF	\$35.00		\$ 5,075		
		145	SF	\$35.00	\$ 5,075			12 steps x \$1000/step
	Galvanized Steel Railing	304	LF	<<info>>				
	Galvanized Steel Railing	304	LF	\$150.00		\$ 45,600		
		304	LF	\$150.00	\$ 45,600			
	Asphalt Play Area Type-1 In courtyard w/Acrylic Surfacing	2,933	SF	<<info>>				
	Compacted Subgrade	326	SY	\$1.05		\$ 342		
	6" Processed Aggregate base	54	CY	\$35.00		\$ 1,901		
	10" Gravel Subbase	91	CY	\$35.00		\$ 3,168		
	Binder Course - Class 1- 2" thk	326	SY	\$17.85		\$ 5,817		2" Course
	Wearing Course - Class 2- 1.5" thk	326	SY	\$17.85		\$ 5,817		2" Course
	Acrylic Painting Surfacing	2,933	SY	\$2.00		\$ 5,866		2" Course
		2,933	SF	\$7.81	\$ 22,912			
	Asphalt Play Area Type-2 @ Building West	29,642	SF	<<info>>				

ESTIMATE DETAIL
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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Compacted Subgrade	3,294	SY	\$1.05		\$ 3,458		
	6" Processed Aggregate base - Deleted	549	CY	\$35.00		Revised, see below		
	8" Processed Aggregate Base	732	CY	\$35.00		\$ 25,617		
	Binder Course - Deleted	3,294	SY	\$8.93		Revised, see below		
	Wearing Course - Class 2- 2" thk	3,294	SY	\$8.93		\$ 29,395		2" Course
		29,642	SF	\$1.97	\$ 58,470			
	OSCG- G2030. Pedestrian Paving				\$ 542,006			
	G2040 SITE DEVELOPMENT							
	G204001 FENCING & GATES				\$ 0.0023			
	Decorative Steel Picket Fence 4'ht-Above Retaining Wall	433	LF	\$215.36		\$ 93,250		
	6' High Vinyl Coated CL fence	562	LF	\$105.00		\$ 59,010		
	6' High Galv CL Fence	131	LF	\$157.50		\$ 20,633		
	Wood Guard Rails	93	LF	\$75.00		\$ 6,975		
	Rock Excavation	75	Allow	\$100.00		\$ 7,500		Confirm Allowance - Depth ? 12"
		1,126	LF	\$166.40	\$ 187,367			
	G204003 EXTERIOR FURNISHINGS							
	Powder Coated Steel Table and chair With Umbrella	8	Sets	\$2,625.00	\$ 21,000	In FFE		
	Sail Shades with Poles	3	EA	\$3,150.00	\$ 9,450	Not Required		
	Dumpster/Transformer/Generator Pad	246	SF	\$18.00	\$ 4,428	\$ 4,428		
		246	SF	\$18.00	\$ 4,428			
	Tactile Warning Surfaces	737	SF	\$26.25		\$ 19,346		
		737	SF	\$26.25	\$ 19,346			
	Bollards- Pencil Bollard	6	EA	\$1,312.50		\$ 7,875		
	Bollards- Granite Bollards	7	EA	\$1,575.00		\$ 11,025		
	Bollards- Steel Pipe Bollards	18	EA	\$850.00		\$ 15,300		
	Bollards- Sign Bollards	6	EA	\$850.00		\$ 5,100		
		6	EA	\$6,550.00	\$ 39,300			
	Courtyard Play Equipment Storage Shed	2	LS	\$10,000.00		\$ 20,000		
	Hoisting and Rigging	2	LS	\$2,500.00		\$ 5,000		
	G204005 SIGNAGE							
	Relocate / Refurbish and relocate Existing School Facility Sign	1	LS	\$7,500.00		\$ 7,500		
	PC Kiosk with whiteboard	1	LS	\$5,000.00		\$ 5,000		
		1	GSF	\$12,500.00	\$ 12,500			
	Painted graphics on Sidewalk (Mood Meter/Tiger Paw)	1	LS	\$500.00		\$ 500		
	School Message Board w/Powder Coated Alum Poles w/Foundation	1	LS	\$7,000.00		\$ 7,000		
	Granite Block Seating-Courtyard	92	LF	<<Info>>				
	Granite Block Seating-Courtyard	92	LF	\$750.00		\$ 69,000		
	Cast in Place concrete Base for Granite Block Seating-Courtyard	55	CY	\$650.00		\$ 35,437		
		92	LF	\$1,135.19	\$ 104,437			
	G204099 WALLS AND STAIRS							
	Segmental retaining Wall- at entrance and courtyard	76	LF	<<Info>>				
	Segmental Retaining Wall	152	SF	\$42.00		\$ 6,384		
	Segmental Retaining Wall-Cap	76	LF	\$35.00		\$ 2,660		
	Gravel Base Prep	14	CY	\$35.00		\$ 486		
	Structural Fill on Earth Side (1'W)	11	CY	\$40.00		\$ 444		
		152.00	SFW	\$65.62	\$ 9,975			
	Steps and Cheek Wall - Courtyard							
	Cheek Wall Foundation	3	CY	\$650.00		\$ 1,950		
	Cheek Walls	6	CY	\$800.00		\$ 4,800		
	Concrete Steps	4	CY	\$1,500.00		\$ 6,000		
	Earthwork	31	CY	\$40.00		\$ 1,244		
	Rock Allowance	1	LS	\$1,000.00		\$ 1,000		
		13	CY	\$1,153.42	\$ 14,994			
	Stone Veneer Seat Wall at Entrance Plaza	37	LF	<<Info>>				
	Concrete Wall Foundation	10	CY	\$650.00		\$ 6,500		
	Concrete Walls	13	CY	\$800.00		\$ 10,400		
	Granite Cap	37	LF	\$150.00		\$ 5,550		
	Stone Veneer on either side	111	SF	\$65.00		\$ 7,215		
	Earthwork	28	CY	\$40.00		\$ 1,135		
	Rock Allowance	1	LS	\$1,000.00		\$ 1,000		Confirm QTY
		60	CY	\$529.99	\$ 31,800			
	Stone veneer (on concrete retaining wall in concrete)	360	SF	\$65.00		\$ 23,400		Concrete Retaining Wall in Concrete Fnds
	G204009 FLAGPOLES							
	50' Flag Pole (Lights in Electrical) -Assume one each	1	EA	\$13,650.00		\$ 13,650		
	OSCG- G2040. Site Development				\$ 493,697			
	G204007 PLAYGROUND EQUIPMENT AND PLAY AREA SURFACING							
	Asphalt Play Surface-w/Acrylic Coating	2,933	SF	<<info>>				
	Compacted Subgrade	326	SY	\$2.00		\$ 652		
	6" Processed Aggregate base	54	CY	\$35.00		\$ 1,901		
	10" Gravel Subbase	91	CY	\$35.00		\$ 3,168		
	Binder Course-2"	326	SY	\$17.25		\$ 5,622		2" Course
	Top Course - 1.5"	326	SY	\$12.94		\$ 4,216		1.5" Course
	Play Surface Striping	1	LS	\$2,500.00		\$ 2,500		
		2,933	SF	\$6.16	\$ 18,059			

ESTIMATE DETAIL
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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Playground area Safety Surfacing Playground - Rubberized Play Surface Crushed stone base-6" Subgrade Prep & Geotextile Concrete Containment Curb	1,993 1,993 41 74 169	SF SF CY SY LF	<<Info>> \$10.50 \$35.00 \$2.10 \$30.00		 in Soft Costs \$ 1,421 \$ 155 \$ 5,070		Scott Koesterich Atlantic Sports Group Inc.
		74		\$90.04	\$ 6,646			
	Synthetic turf surface @ Courtyard, including stone and impact attenuation Synthetic turf surface @ Courtyard, including stone and impact attenuation Concrete curb/nailer @ edges	15,190 15,190 1,296	SF SF LF	<<Info>> \$16.35 \$35.00		 \$ 248,357 \$ 45,360		
		15,190	SF	\$19.34	\$ 293,717			
	Synthetic turf surface @ Play area Synthetic turf surface @ Play area	1,262 1,262	SF SF	<<Info>> \$17.00		 \$ 21,454		
		1,262	SF	\$17.00	\$ 21,454			
	OSCG- S4010. Playground Surfacing				\$ 339,875			
	Playground Equipment Playground Equipment Sail Shades	 1 1	 Allow Allow	<<Info>> 		 in Soft Costs Not required		
					\$ -			
	OSCG- S3010. Playground Equipment				\$ -			
	G2045. ATHLETIC FIELDS Athletic fields Athletic Track Synthetic Turf-Footfall field Natural Turf-Footfall field					 none none none none		
				\$0.00				
	OSCG- G2045. Athletic Fields				\$ -			
	G205003 TOPSOIL & PLANTING BEDS Topsoil - prepare subgrade, spread topsoil, fine grade Amend and Re-spread Existing Stripped Site Topsoil (Reused) Import Top Soil Stone Mulch	2,622 798 1,824 51	CY CY CY CY	<<info>> \$26.25 \$50.00 \$60.00		 \$ 20,958 \$ 91,191 \$ 3,080		80% re-used
	G205004 SEEDING, SPRIGGING AND SODDING Seeding Lawns/Wildflower Mix	135,000	SF	\$0.37		\$ 49,613		
	G205005 PLANTINGS Trees-Deciduous/Evergreen/Flowering Structural Soil at Trees, 25'R, 30" deep Shrubs	30 500 121	EA CY EA	\$1,500.00 \$80.00 \$35.00		\$ 45,000 \$ 40,000 \$ 4,235		
	G205005 PLANTINGS	121	EA	\$2,099.81	\$ 254,077			
	G205007 IRRIGATION SYSTEMS Lawn Irrigation Ball Field Irrigation					 Assume Not Req Assume Not Req		
	G205007 IRRIGATION SYSTEMS	8.57	ACRE	\$0.00	\$ -			
	OSCG- G2050. Landscaping				\$ 254,077			
G30	SITE MECHANICAL UTILITIES	69,308	SF		\$ 446,337	\$6.44		
	G3010 WATER SUPPLY DOMESTIC / FIRE WATER - OUTSIDE PROPERTY INELIGIBLE G301002 POTABLE WATER DISTRIBUTION Domestic Water & Fire Combined 6" DIP Water Valves, Fittings and Connections Trench Excavation Backfill Import bedding material / backfill / base Warning Tape Connect to Existing Main	 150 150 13,500 150 150 38 150 2	 LF LF \$ LF LF CY LF CD	<<info>> \$90.00 \$0.15 \$15.24 \$15.24 \$35.00 \$0.51 \$3,500.00		 \$ - \$ 13,500 \$ 2,057 \$ 2,286 \$ 2,286 \$ 1,337 \$ 76 \$ 7,000		
		150	LF	\$190.28	\$ 28,542			
	Replace Existing Domestic Water Service as required to install proposed improvements Relocation of water meter pit - impacted by site construction	150 2	LF CD	\$160.00 \$3,500.00		\$ 24,000 \$ 7,000		
	OSCG- G3010. Water Supply				\$ 59,542			
	G3020. SANITARY SEWER Sanitary Service 6" PVC SDR 35 Sanitary Service Fittings and Connections Trench Excavation Rock Allowance Backfill Import bedding material / backfill / base Manholes Grease Trap 1500 gal capacity Grease Vent Connect to Existing Manhole	300 300 13,500 300 1 300 76 3 1 1 1	LF LF \$ LF LS LF CY EA EA LS Loc	<<info>> \$45.00 \$0.15 \$15.00 \$15,000.00 \$15.00 \$35.00 \$3,500.00 \$13,500.00 \$2,000.00 \$2,500.00		 \$ 13,500 \$ 2,025 \$ 4,500 \$ 15,000 \$ 4,500 \$ 2,674 \$ 10,500 \$ 13,500 \$ 2,000 \$ 2,500		Confirm QTY
		300	LF	\$235.66	\$ 70,699			
	OSCG- G3020. Sanitary Sewer				\$ 70,699			

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	G3030. STORM SEWER Storm Sewer-OUTSIDE PROPERTY INELIGIBLE 12"-14" HPDE Storm Pipes Fittings and Connections Hydrodynamic separator Doghouse Manholes Storm Sewer 12" HDPE Storm Drain 15" HDPE Storm Drain 12" RCP 4" PVC Underdrains Courtyard 6" PVC Drain Fittings and Connections Trench Drain Catch Basins/Manholes Yard Drains Replace Yard Drain Top Hydrodynamic separator Rock Allowance	14 630 1 1 210 815 66 1,394 51 59,225 158 23 3 4 1 1	LF \$\$ EA EA LF LF LF LF LF LF EA EA EA EA LS	\$45.00 \$0.15 \$5,500.00 \$4,500.00 \$45.00 \$55.00 \$75.00 \$25.00 \$25.00 \$0.10 \$140.00 \$3,500.00 \$1,000.00 \$250.00 \$5,500.00 \$10,000.00		\$ 630 \$ 95 \$ 5,500 \$ 4,500 \$ 9,450 \$ 44,825 \$ 4,950 \$ 34,850 \$ 1,275 \$ 5,923 \$ 22,120 \$ 80,500 \$ 3,000 \$ 1,000 \$ 5,500 \$ 10,000		Confirm QTY
		1,091.00	LF	\$214.59	\$ 234,117			
	Storm Detention System Remove and dispose soil for Detention Tank Rock Allowance premium (Assume 25%)- No BH Data	4,800 466 116	CF CY CY	\$6.50 \$18.00 \$85.00		\$ 31,200 \$ 8,383 \$ 9,896		
	4" underdrain piping at resilient play surfacing - Courtyard - detail 6 on L604	8.66 500	ACRE LF	\$5,716.64 \$65.00	\$ 49,479			
	G3030. Storm Sewer				\$ 316,096			
	G3060 FUEL DISTRIBUTION G306006 GAS DISTRIBUTION PIPING (NATURAL)					Existing to Remain		No Gas Service
	OSCG- G3060. Fuel Distribution				\$ -			
G40	SITE ELECTRICAL UTILITIES	69,308	SF		\$ 385,427	\$5.56		
	G4010 ELECTRICAL DISTRIBUTION Primary- With in Property Electrical Duct bank (assume 3x2) From existing Snet Pole 2-4" Conduits Feeders 800A Concrete Encasement Trench Excavation Export material - assume clean material Backfill Import bedding material / backfill / base Transformer Transformer Pad Warning Tape	20 80 80 5 20 23 20 23 1 20 20	LF LF LF CY LF CY LF CY LS LF LF	<<info>> \$16.80 \$511.88 \$231.00 \$78.75 \$10.50 \$15.75 \$36.75 \$2,625.00 \$0.53 \$404.63	\$ 8,093	\$ 1,344 by Utility Co. \$ 1,129 \$ 1,575 \$ 243 \$ 315 \$ 851 by Utility Co. \$ 2,625 \$ 11		Assumed Scope - 4 conduits
	Secondary Electrical Duct bank (assume 3x2) 4" Conduits (Assume 4ea) Feeders 800A Concrete Encasement Trench Excavation Export material - assume clean material Backfill Import bedding material / backfill / base Warning Tape	185 185 185 45 185 214 185 214 185 185	LF LF LF CY LF CY LF CY LF LF	\$33.60 \$511.88 \$231.00 \$78.75 \$10.50 \$15.75 \$36.75 \$0.53 \$751.65	\$ 139,056	\$ 6,216 \$ 94,697 \$ 10,446 \$ 14,569 \$ 2,248 \$ 2,914 \$ 7,869 \$ 97		Assumed Scope - 4 conduits
	Secondary-Feeder from existing panel Electrical Duct bank (assume 3x2) 4" Conduits (Assume 4ea) Feeders 400A Concrete Encasement Trench Excavation Export material - assume clean material Backfill Import bedding material / backfill / base Warning Tape	58 58 58 14 58 67 58 67 58 58	LF LF LF CY LF CY LF CY LF LF	\$8.40 \$250.00 \$231.00 \$78.75 \$10.50 \$15.75 \$36.75 \$0.53 \$464.58	\$ 26,946	\$ 487 \$ 14,500 \$ 3,275 \$ 4,568 \$ 705 \$ 914 \$ 2,467 \$ 30		Assume Rock Excavation
	Remove existing handhole	1	LS	\$5,000.00		\$ 5,000		
	OSCG- G4010. Electrical Distribution				\$ 179,094			
	G4020 SITE LIGHTING G402006 EXTERIOR LIGHTING FIXTURES & CONTROLS SL3 SL4S SL5A SL5B - Double Luminaire SLB WP3 - Building mounted sconce B1 - Bollards- Light Bollard Light Bollards - bases, poles, Single Luminaires, installed Light for 50' Flag Pole SF-1 Excavation and Backfill for Site Lighting	2 5 4 2 8 2 27 2 2,600	EA EA EA EA EA EA EA EA LF	\$1,500.00 \$1,500.00 \$1,500.00 \$3,000.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,200.00 \$20.00	\$ 132,400	\$ 3,000 \$ 7,500 \$ 6,000 \$ 6,000 \$ 12,000 \$ 3,000 \$ 40,500 \$ 2,400 \$ 52,000		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



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CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
							\$132.00	
	OSCG- G4020. Site Lighting				\$ 132,400			
	G4030 SITE COMMUNICATION AND SECURITY							
	New fiber and copper services-	100	LF	<<info>>				
	4" Conduits (Assume 2ea)	200	LF	\$16.80		\$ 3,360		
	Cabling					by Utility Co.		
	Concrete Encasement					N/R		
	Trench Excavation	100	LF	\$26.25		\$ 2,625		
	Export material - assume clean material	58	CY	\$78.75		\$ 4,557		
	Backfill	100	LF	\$15.75		\$ 1,575		
	Import bedding material / backfill / base	29	CY	\$35.00		\$ 1,013		
	Warning Tape	100	LF	\$0.53		\$ 53		
	Site Security	100	LF	\$131.83	\$ 13,183			
	Security - Site PTZ Cameras - including trenching, conduit, wiring, pole (allowance)	15	EA	\$3,150.00		\$ 47,250		
	Data wiring w/Conduit	1,500	LF	\$8.40		in above		
	Power wiring & Conduits	1,500	LF	\$11.03		in above		
	Trenching for wire and cables	1,500	LF	\$21.00		in above		
	EV Charging Stations	15	EA	\$3,150.00	\$ 47,250			
		3	EA	\$4,500.00		\$ 13,500		
	OSCG- G4030. Site Communications & Security				\$ 73,933			
	G4050 SITEWORK TRADE ALLOWANCES							
	Utility Company Fees (Scope to be defined in CDs)	1	LS	\$60,000.00		in Soft Costs		
	Remove and reinstall overhead conductors - NorthWest entrance	1	LF	\$25,000.00		in Soft Costs		
	OSCG- G4090. Other Site Elect Utilities				\$ -			
	OTHER SITE CONSTRUCTION	69,308	SF		\$ -	\$0.00		
	G9090 OTHER SITE CONSTRUCTION					None		
	OSCG- G4090. Other Site Elect Utilities				\$ -			
Z10	PROJECT REQUIREMENTS	69,308	SF		\$ 990,764	\$14.30	3.30%	
	Z1050 PROJECT REQUIREMENTS					\$ 511,384		
	Temporary Office Facilities							
	CM Office Trailer - Rental	27.16	MO	\$525.00		in General Conditions		
	CM Office Trailer - Setup/Remove	1.00	LS	\$3,675.00		in General Conditions		
	CM Temp Office in building - Fit out/Restore		SF	\$52.50		in General Conditions		
	CM Office Furniture & Equipment		LS	\$525.00		in General Conditions		
	CM Office Supplies		MO	\$105.00		in General Conditions		
	CM Office - Cleaning	27.16	MO	\$546.00		in General Conditions		
	Temporary Trailer Power - Consumption	27.16	MO	\$5,250.00		in General Conditions		
	Temporizer Power - Setup (Elect in 26 BP)		LS	\$3,675.00		in General Conditions		
	Temporary Drinking Water		MO	\$105.00		in General Conditions		
	IT Monthly Cost - Equipment		MO	\$525.00		in General Conditions		
	Large Copier BW - Lease PYMT per month		MO	\$525.00		in General Conditions		
	Large Copier Color Lease PYMT per month		MO	\$735.00		in General Conditions		
	Wide Format Plotter (B/W)		MO	\$367.50		in General Conditions		
	Wide Format Plotter (Color)		MO	\$472.50		in General Conditions		
	Mobile Phone		MO	\$78.75		in General Conditions		
	IT Monthly Cost - Material		MO	\$105.00		in General Conditions		
	Large Copier BW - Consumables		MO	\$105.00		in General Conditions		
	Large Copier Color - Consumables		MO	\$210.00		in General Conditions		
	Wide Format Plotter BW- Consumables		MO	\$472.50		in General Conditions		
	Wide Format Plotter Color - Consumables		MO	\$525.00		in General Conditions		
	IT Monthly Cost - Services		MO	\$1,050.00		in General Conditions		
	Internet		MO	\$1,050.00		in General Conditions		
	Software (Gateway, Citrix, Office, Adobe etc.)		MO	\$0.00		in General Conditions		
	Storage		MO	\$420.00		not required		
	IT One-Time Cost - Equipment		LS	\$5,250.00		in General Conditions		
	WiFi		LS	\$787.50		in General Conditions		
	Back Up battery		LS	\$315.00		in General Conditions		
	Laptop		LS	\$1,050.00		in General Conditions		
	Desktop Printer		LS	\$262.50		in General Conditions		
	Toner Cartridge		LS	\$84.00		in General Conditions		
	Camera		LS	\$315.00		in General Conditions		
	Construction Video Camera		LS	\$1,890.00		in General Conditions		
	VOIP Phones		LS	\$5,040.00		in General Conditions		
	iPad		LS	\$840.00		in General Conditions		
	Cad Station		LS	\$3,675.00		in General Conditions		
	Video conference		LS	\$13,650.00		in General Conditions		
	Cell Phone Repeater		LS	\$2,508.45		in General Conditions		
	Scanner		LS	\$472.50		in General Conditions		
	TV and Computer		LS	\$5,250.00		in General Conditions		
	IT One-Time Cost - Licensing		LS	\$0.00		in General Conditions		
	Building Design Suite		LS	\$6,825.00		in General Conditions		
	DB02 Safety License		LS	\$3,780.00		in General Conditions		
	Onscreen Take-off License		LS	\$4,725.00		in General Conditions		
	P6 scheduling License		LS	\$3,570.00		in General Conditions		
	IT Setup Cost - Equipment		LS	\$3,150.00		in General Conditions		
	Network Switch		LS	\$3,150.00		in General Conditions		
	Firewall		LS	\$367.50		in General Conditions		
	Equipment Rack		LS	\$210.00		in General Conditions		
	IT Setup Cost - Services		LS	\$1,575.00		in General Conditions		
	Delivery and Installation of T1 or Cable		LS	\$420.00		in General Conditions		
	Delivery/Wiring of Trailer		LS	\$1,050.00		in General Conditions		
	Delivery and Installation of copier		LS	\$525.00		in General Conditions		
	Delivery and Installation of color copier		LS	\$525.00		in General Conditions		
	Drawing Reproduction		EA	\$525.00		in General Conditions		

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



14-Jan-22

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	PROCORE Project License	1	LS	\$39,900.00				in General Conditions
	Professional Services							
	Land Surveyor	1	LS	\$15,000.00		\$ 15,000		By Owner
	Testing Agency		LS	\$52,500.00				By Owner
	Third-Party Commissioning		LS	\$78,750.00				By Owner
	Design Services		%	\$0.00				By Owner
	Indoor Air Quality (IAQ) Plan (Occupied Reno)		LS	\$3,150.00				Not Applicable
	Indoor Air Quality (IAQ) Monitoring (Occupied Reno)		DAY	\$997.50				Not Applicable
	3rd Party Review of Owner's Abatement Report		LS	\$2,625.00				By Owner
	Security Services - 16hrs per day		MO	\$12,600.00				By Owner
	Legal / Professional Services		LS	\$5,250.00				By Owner
	Temporary Utilities & Services							
	Temp Water Service Distribution/Meter	1	LS	\$10,500.00				by Owner
	Temp Water Consumption	27.16	MO	\$367.50				by Owner
	Temp Sewer Service and Distribution	27.16	MO	\$262.50				Not Applicable
	Temp Electrical Service Distribution	1	LS	\$20,000.00		\$ 20,000		
	Temp Electrical & Lighting	2	EA	\$5,000.00				in Electrical
	Temp Electricity Consumed	27.16	MO	\$12,600.00				By Owner
	Emergency Diesel Generator Fuel Consumed	27.16	MO	\$7,875.00				Not Required
	Weather / Winter Conditions							
	Winter Conditions (1ea - 4.5 month winters)	2	winters	\$10,500.00				in Below
	Temporary Heat - Rental							in above
	Temporary Heat - Maintenance							in above
	Temporary Heat - Fuel							in above
	Temporary Heat - Setup/Removal							in above
	Temporary Cooling - Dehumidify - 1ea 3 mo Summer	3	summers	\$5,250.00				w/trades
	Temporary Tarp Exterior wall	12,000	SF	\$5.00				in B20
	Temporary Interior Walls	1,620	SF	\$20.00				in C10
	Temp Head end protection and cooling	1	LS	\$7,500.00		\$ 7,500		
	Snow & Ice Management	8	Storms	\$2,625.00		\$ 21,000		
	Temporary Construction Facilities							
	Temporary Storage - Rental	27.16	MO	\$367.50				In Trades
	Temporary Storage - Setup/Restore	1	EA	\$1,050.00				In Trades
	Temp Toilets Rental, Service and Disposal (5 each)	27.16	MO	\$500.00		\$ 13,580		
	Hoisting & Scaffolding							
	Scaffolding Trades		SF	\$26.25				In Trades
	Bump Planks		WKS	\$2,100.00				In Trades
	Entrance/Egress Protection		EA	\$2,100.00				Not Required
	Scaffolding Scrim/Debris Netting		SF	\$8.40				Not Required
	Plywood Protection at Base of Scaffolding		SF	\$5.25				Not Required
	Tower Crane - Erect/Dismantle							Not Required
	Tower Crane - Trucking							Not Required
	Tower Crane - Foundation							Not Required
	Tower Crane - Rental		MO	\$0.00				Not Required
	Hydraulic Crane		DAY	\$0.00				Not Required
	Prep for Crane		LS	\$0.00				Not Required
	Man/Material Hoist - Erect/Dismantle	1	LS	\$10,500.00				Hoisting in Trade Cost
	Man/Material Hoist - Rental		MO	\$0.00				Hoisting in Trade Cost
	Man/Material Hoist - Operator - Straight Time		WKS	\$4,830.00				Hoisting in Trade Cost
	Man/Material Hoist - Operator - OT		WKS	\$6,300.00				Hoisting in Trade Cost
	Man/Material Hoist - Load/Off Load Platforms/Ramps		EA	\$0.00				Hoisting in Trade Cost
	Lull Rental	13.58	MO	\$4,200.00				In Trades
	Lull Operation - 40 hrs per month	543	MH	\$68.25				In Trades
	Aerial Lift		EA	\$0.00				Not Required
	Temporary Safety							
	Carpenter 1 ea - 1/2 time	229	MD	\$600.00		\$ 137,340		
	PPE - Hardhats, Vests, Gloves, Glasses, Etc.	1	LS	\$2,625.00				In Trades
	Fire Extinguishers & Stands	12	EA	\$315.00				In Trades
	Safety and First Aid Kit	27.16	MO	\$262.50				In General Conditions
	Temporary Stairs and Rails	1	LS	\$21,000.00				In Trades
	Temporary Stair Rail Extensions		LF	\$52.50				In Trades
	Temporary Ramps		EA	\$1,050.00				In Trades
	Temporary Window Rails		LF	\$36.75				In Trades
	Floor/Roof Opening Protection - Guardrails	1,450	LF	\$36.75				In Trades
	Floor/Roof Opening Protection - Coverings	20	LOC	\$393.75				In Trades
	Roof Tie-off Davits		EA	\$525.00				N/R
	Roof Edge Protection / Maintenance		LF	\$157.50				N/R
	Guardrail / Cable Maintenance		LF	\$157.50				In Steel Trade
	Covered Walkway / OH Protection		SF	\$26.25				N/R
	Barricades/Warning Signs and Lights	1	LS	\$5,250.00				In General Conditions
	Trip Hazard Protection		LF	\$52.50				in above
	Misc. Trade Safety Protection		LS	\$3,150.00				in above
	Safety Materials	69,308	GSF	\$0.21				In General Conditions
	Safety Signage	25	EA	\$262.50				In General Conditions
	Fire Watch	5	MO	\$525.00				N/R
	Temporary Protection							
	Carpenter Support - Temp Protection		MD	\$630.00				in above carpenter cost
	Temporary Partitions - Exterior		SF	\$21.00				in Weather / Winter Conditions
	Temporary Doors & Hardware	5	EA	\$1,575.00				in Trades
	Window Protection		EA	\$26.25				Not Required
	Temporary Windows		EA	\$157.50				Not Required
	Door Protection		EA	\$19.69				Not Required
	Temporary Roof		SF	\$10.50				Not Required
	Existing Roof Protection		SF	\$5.25				Not Required
	Exterior Closure		SF	\$15.75				Not Required
	Temporary Protection of Finishes/Occupancy	69,308	GSF	\$0.53				In Trades
	Protect Elevator Interiors	1	EA	\$157.50				in Trades
	Floor Protection - (Type)	69,308	GSF	\$0.26				In Trades
	Wall Protection - (Type)	1	LS	\$7,875.00				in Trades
	Partitions (1-Sided Finished GWB)		SF	\$8.40				Not Required
	Stair Protection	3	EA	\$1,050.00				in Trades
	Temporary Site Protection							
	Protect Site Materials	1	LS	\$10,500.00				in Trades
	Tree and Shrub Protection		EA	\$157.50				in Trades
	Prep Temporary Dumpster Locations		SF	\$10.50				in Trades
	Protect Miscellaneous Site Finishes		EA	\$1,050.00				in Trades
	Paving / Lawn Protection		SF	\$3.15				in Trades
	Site Logistics							
	Construction Fencing - Setup/Rental - 8'ht	500	LF	\$22.05				w/sitework
	Construction Gates	2	EA	\$2,625.00				w/sitework

ESTIMATE DETAIL
LEVEL 3 - INDIVIDUAL ELEMENTS



14-Jan-22

CODE	UNIFORMAT III	QTY	UNIT	UNIT PRICE	SUBTOTAL	TOTAL COST	/ SF	COMMENTS
	Construction Fencing - Maintenance	118	WK	\$68.25				in Trades
	Construction Fencing - Relocations for Phasing and Logistics	3	Loc	\$5,250.00				in Trades
	Construction Fence Scrim - Standard	500	LF	\$4.20				in Trades
	Construction Fence Scrim - Custom		LF	\$8.40				Not Required
	Construction Entrance/Washdown Pad	1	EA	\$2,625.00				in Trades
	Laydown area preparation - 6" - strip/place/maint/remove & haul	622	CY	\$43.05				in Trades
	Temporary Access Roads - Maintenance	4	MO	\$1,050.00				in Trades
	Jersey Barriers - Setup/Rental		LF	\$52.50				Not Required
	Jersey Barriers - Relocations/Maintenance		MO	\$1,050.00				Not Required
	Temporary Pedestrian Walkways		LS	\$52,500.00				Not Required
	Street Sweeping	27.16	MO	\$367.50				in Trades
	Dust Control	27.16	MO	\$262.50				in Trades
	Vehicle and Equipment Protection		MO	\$0.00				Not Required
	Project Identification Signage	1	LS	\$2,625.00				in Trades
	Temporary Pest Control	1	LS	\$5,250.00				in Trades
	Police Details	10	MD	\$1,260.00		\$ 12,600		
	Site Security Services - 13hrs per day and Weekends	4	MO	\$15,000.00				Not Required
	Sidewalk Permits/Rental Fees - first 500 SF		MO	\$3.15				Not Required
	Sidewalk Permits/Rental Fees - addn'l SF > 500 SF		MO	\$1.58				Not Required
	Street Rental Fees		DAY	\$26.25				Not Required
	Parking Meter Bagging Fees		DAY	\$21.00				Not Required
	Parking Costs		LS	\$0.00				Not Required
	Site Restoration		LS	\$0.00				Not Required
	Equipment/Expensed Tools		EA	\$2,625.00				Not Required
	Indoor Air Quality/Infectious Controls - at BOE Tenant							
	Indoor Air Quality Monitoring		MO	\$525.00				by/owner
	Dust Barriers (Zip Walls) - Install/Remove		SF	\$8.40				Not Required
	Negative Air Machine - Setup	4	EA	\$4,500.00		\$ 18,000		
	Negative Air Machine - Maintenance		MO	\$63.00				Not Required
	HEPA Units		EA	\$1,575.00				Not Required
	HEPA Filters		EA	\$210.00				Not Required
	Tacky Mats		EA	\$315.00				Not Required
	AnteRoom		EA	\$525.00				Not Required
	Replace Filters in Existing Systems		SF	\$10.50				Not Required
	Interim Life Safety/NFPA 241		LS	\$0.00				Not Required
	Clean Up & Debris Management							
	General Labor - 1ea - 1/2 time	229	MD	\$448.00		\$ 102,547		
	Clean Up During Job		MD	\$462.00				in above
	Clean Up Materials	69,308	GSF	\$0.11		\$ 7,277		
	Dumpsters (Excluding Demolition) - 1 1/2 per wk	118	EA	\$550.00		\$ 64,680		
	Trash Chutes		VLF	\$105.00				Not Required
	Final Cleaning	69,308	GSF	\$0.75		\$ 51,981		
	Final Cleaning - Glass	1	LS	\$5,250.00		\$ 5,250		
	Waste Management Plan	1	LS	\$2,625.00		\$ 2,625		
	Miscellaneous Items							
	Permits		%	\$0.00				In Trades
	Special Inspection Services	1	LS	\$126,000.00				By Owner
	Cutting, Coring and Patching	69,308	GSF	\$0.21				in Trades
	Reprographics		MO	\$525.00				in General Conditions
	Postage & Courier Services		MO	\$210.00				in General Conditions
	Project Photos		MO	\$262.50				in General Conditions
	Mockups	69,308	GSF	\$0.53				in Trades
	Travel Expense (Project Exec., Project Manager)		LS	\$0.00				in Fee
	Relocation		LS	\$0.00				in Fee
	Superintendent Per Diem (based on 7 day week)		MD	\$1,050.00				Not Required
	Stormwater Pollution Control monitoring	1	LS	\$26,250.00				By Owner
	Swing Space Construction							in Trades
	OSCG- X1010. General Conditions				\$ 990,764			
X	TOTAL DIRECT COSTS	69,308	SF			\$ 26,330,218	\$379.90	
	DESIGN CONTINGENCY	0.00 %				\$ -		
	PERMITS - STATE FEE ONLY	0.000 %				\$ -		
	GENERAL CONDITIONS	LS				\$ 1,462,023		100%
	PROF & GENERAL LIABILITY INS (Bal. of cost only)	in GRs				\$ 20,142		Bal of Insur Cost (over 26.6m)
	BUILDERS RISK	0.00 %						By Owner
	CONSTRUCTION CONTINGENCY	3.00 %				\$ 833,767		
	CM FEE	1.30 %				\$ 372,400		
	PERFORM & PAYMENT BONDS (Bal. of cost only)	in GRs				\$ 24,506		Bal of P&P Cost (over 26.6m)
	ESCALATION	3.42 %				\$ 979,646		
	PRECONSTRUCTION	LS						In Soft Costs
X	TOTAL CONSTRUCTION COST					\$ 30,022,702	\$433.18	

Anna Reynolds Elementary School (State Project No. 094-0109 RNV)

Value Management Log

Friday, January 14, 2022



NO.	DESCRIPTION	QTY	UNIT	UNIT COST	AMOUNT	PROPOSED AMOUNT
Alt 1	Alternate Courtyard Design				(\$299,880)	(\$299,880)
	Deduct Synthetic turf surface @ Courtyard, including stone and impact attenuation (except at Play Area)	(12,806)	SF	\$17.00	(\$217,702)	
	Deduct Concrete curb/nailer @ edges	(1,648)	LF	\$35.00	(\$57,680)	
	Add SOD w/ supplemental topsoil	12,806	SF	\$2.00	\$25,612	
	Add Irrigation	12,806	SF	\$1.50	\$19,209	
	Change Permeable Pavers to Colored Concrete Paving	3,264	SF	(\$14.65)	(\$47,818)	
	Mark-ups	7.72	%		(\$21,497)	
Alt 2	Delete Gym / North East Entry Canopy				(\$24,690)	(\$24,690)
	Column Footing - Foundation	(1)	EA	\$2,000.00	(\$2,000)	
	New Canopy Column	(0.5)	TNS	\$5,000.00	(\$2,500)	
	Metal Roof Deck	(219)	SF	\$6.00	(\$1,315)	
	LGFM Canopy Framing	(219)	SF	\$15.00	(\$3,288)	
	Sub-Framing for Linear Plank Metal Soffit	(219)	SF	\$5.00	(\$1,096)	
	Linear Plank Metal Soffit	(219)	SF	\$25.00	(\$5,480)	
	New Canopy High Performance Coatings at Column	(219)	SF	\$2.50	(\$548)	
	Roofing	(219)	SF	\$20.95	(\$4,592)	
	Aluminum Fascia	(60)	SF	\$35.00	(\$2,100)	
	Mark-ups	7.72	%		(\$1,770)	
Alt 3	Delete Main Entry Canopy (including adjacent small canopy at Café Exterior Wall)				(\$64,060)	(\$64,060)
	Column Footing - Foundation	(1)	EA	\$2,000.00	(\$2,000)	
	New Canopy structure	(3)	TNS	\$5,000.00	(\$17,457)	
	Metal Roof Deck	(554)	SF	\$6.00	(\$3,324)	
	Sub-Framing for Linear Plank Metal Soffit	(554)	SF	\$5.00	(\$2,770)	
	Linear Plank Metal Soffit	(554)	SF	\$25.00	(\$13,850)	
	New Canopy High Performance Coatings at structure	(554)	SF	\$5.25	(\$2,908)	
	Roofing	(554)	SF	\$20.95	(\$11,606)	
	Aluminum Fascia	(159)	SF	\$35.00	(\$5,553)	
	Mark-ups	7.72	%		(\$4,592)	
Alt 4	Reuse Under Slab Sanitary Piping at areas E&F				(\$123,850)	(\$123,850)
	Deduct Sawcut conc, remove, E&B, and Prep SOG Infill	(511)	LF	\$115.00	(\$58,765)	
	Deduct New Under slab Sanitary Piping	(511)	LF	\$60.00	(\$30,660)	
	Deduct SOG Infill at new underground Sanitary	(511)	LF	\$50.00	(\$25,550)	
	Mark-ups	7.72	%		(\$8,879)	
VM 1	Confirm FF&E Budget - Reuse Existing Furniture - target save 20%				(\$150,000)	(\$150,000)
	Confirm FF&E Technology Budget - Target a 10% savings	(1.00)	LS	\$150,000.00	(\$150,000)	
	Mark-ups	7.72	%		Mark-up incl in Soft Costs	
VM 2	Playground Equipment, Site Furnishings and Surfacing (add back turf)				(\$173,000)	(\$173,000)
	Playground Equipment, Site Furnishings and Surfacing (add back turf)	(1)	LS	\$173,000.00	(\$173,000)	
	Mark-ups	7.72	%		Mark-up incl in Soft Costs	
SUBTOTALS						(\$835,480)

Value of Alternates and Value Management needed to achieve an Owner Contingency of 5% **(\$354,214)**

RECONCILIATION WORKSHEET
Anna Reynolds Elementary School (State Project No. 094-0109 RNV)
Construction Document Estimate


1/14/2022

DIV	DESCRIPTION	Reconciled			DELTA (%)
		PM&C	Newfield	Newfield - PM&C	
A10	FOUNDATIONS	\$185,858	\$220,453	\$34,595	18.6%
B10	SUPERSTRUCTURE	\$478,907	\$493,156	\$14,249	3.0%
B20	EXTERIOR ENCLOSURE	\$2,392,251	\$2,409,833	\$17,582	0.7%
B30	ROOFING	\$1,699,902	\$1,665,214	(\$34,688)	-2.0%
C10	INTERIOR CONSTRUCTION	\$2,664,156	\$2,744,386	\$80,230	3.0%
C20	STAIRS	\$25,140	\$26,629	\$1,489	5.9%
C30	INTERIOR FINISHES	\$1,869,910	\$1,877,336	\$7,426	0.4%
D10	CONVEYING SYSTEMS	\$115,000	\$120,750	\$5,750	5.0%
D20	PLUMBING	\$1,388,683	\$1,420,994	\$32,311	2.3%
D30	HVAC	\$4,428,151	\$4,525,157	\$97,006	2.2%
D40	FIRE PROTECTION SYSTEMS	\$354,564	\$362,148	\$7,584	2.1%
D50	ELECTRICAL SYSTEMS	\$3,407,259	\$3,442,661	\$35,402	1.0%
E10	EQUIPMENT	\$253,000	\$268,840	\$15,840	6.3%
E20	FURNISHINGS	\$78,847	\$72,172	(\$6,675)	-8.5%
F10	PMC ARCH/STRUCT/SITE PHASING COSTS	\$300,000	\$0	(\$300,000)	-100.0%
F20	SELECTIVE DEMOLITION AND ABATEMENT	\$2,094,744	\$2,081,639	(\$13,105)	-0.6%
G10	SITE PREPARATION	\$659,158	\$644,797	(\$14,361)	-2.2%
G20	SITE IMPROVEMENTS	\$2,223,934	\$2,131,525	(\$92,409)	-4.2%
G30	SITE CIVIL/MECHANICAL UTILITES	\$425,520	\$446,337	\$20,817	4.9%
G40	SITE ELECTRICAL UTILITIES	\$396,925	\$385,427	(\$11,498)	-2.9%
Z10	GENERAL REQUIREMENTS	\$978,164	\$990,764	\$12,600	1.3%
TOTAL DIRECT COSTS		\$26,420,073	\$26,330,218	(\$89,855)	-0.3%
	Design Allowance	\$389,800	\$0	(\$389,800)	-100.0%
	Building Permit	\$7,492	In Soft Costs	(\$7,492)	
	General Conditions	\$1,462,023	\$1,462,023	\$0	0.0%
	Professional and General Liability Insurance	\$0	\$20,142	\$20,142	100.0%
	Builders Risk Insurance	By Owner	By Owner	\$0	0.0%
	Construction Contingency	\$875,966	\$833,767	(\$42,199)	-4.8%
	Fee	\$374,714	\$372,400	(\$2,314)	-0.6%
	Performance and Payment Bond	\$0	\$24,506	\$24,506	100.0%
	Escalation	\$544,463	\$979,646	\$435,183	79.9%
	Preconstruction	\$0	In GCs	\$0	0.0%
TOTAL MARKUPS		\$3,654,458	\$3,692,484	\$38,026	1.0%
TOTAL CONSTRUCTION COST		\$30,074,533	\$30,022,702	(\$51,829)	-0.17%