



Construction Document Estimate

November 8, 2024



STANTON ELEMENTARY

Project: Stanton Elementary School - Norwich, CT
Architect: DRA | Drummey Rosane Anderson, Inc.
State ID: 104-0118N
November 8, 2024

Table of Contents

- Qualifications
- Reconciliation Summary
- General Summary
- Estimate Detail
- Unifomat (SCG200)
- Constructability Log

STANTON ELEMENTARY SCHOOL

QUALIFICATIONS & ASSUMPTIONS

DATE: 11/8/2024

COMMENTS, QUANTITIES, PRICING AND METHODOLOGY

- All quantifiable materials have been taken off where possible using industry standard methods.
- Any scope which is not quantifiable, is based on our extensive historical data, while taking into account project specific variables.
- The unit pricing included in the following estimate is based on today's fair market value which is then escalated on the Summary page. We utilize historical data, subcontractor and supplier input as well as third party consultants.

CD BUDGET

CD Estimate - Total Construction Cost	\$56,986,081
---------------------------------------	--------------

ASSUMPTIONS AND CLARIFICATIONS

- The attached estimate is based on design documents by: Drummy Rosane Andersond and dated 10/25/24
- The assumed delivery method is: CM at Risk
- We assumed the project to be: Unoccupied
- The attached estimate assumes Start Date of March 1, 2025
- The attached estimate accounts for escalation through the construction start date, if construction does not start on time, include an additional 6% annual escalation per year.
- Anticipated construction start date of no later than March 2025, any delay to this date could impact schedule and costs. Please see attached schedule as basis of this budget.
- We assumed the project to be: Tax Exempt
- The estimate assumes the project to be: Prevailing Wage
- All FF&E is assumed to be by the Owner and therefore excluded.
- Premiums for non-standard work times have been excluded.
- Unforeseen conditions are excluded.
- All computer equipment, Servers & Network Switches are assumed to be by the Owner.
- All AV equipment is assumed to be by Owner.
- All phone systems are assumed to be by Owner.
- Builders Risk insurance is assumed to be by Owner.
- Alternate #1 - Additional bleachers add \$50,959.00

STANTON ELEMENTARY SCHOOL

CONSTRUCTION DOCUMENT BUDGET RECONCILIATION SUMMARY

Drawings Dated 10/25/24

Reconciliation Date: November 8th, 2024

SPEC SECTION	DESCRIPTION	Downes Construction Square Footage 80,841		Tarbell Construction Management Square Footage 80,841		VARIANCE	Variance %
TRADE COSTS			\$/sf		\$/sf		
01 00 00	Project Requirements	\$ 614,374	\$ 7.60	\$ 614,374	\$ 7.60	\$ 0	0.0%
01 74 00	Project Cleanliness	\$ 526,962	\$ 6.52	\$ 526,962	\$ 6.52	\$ (0)	0.0%
01 60 00	Phasing Costs	N/A	\$ -		\$ -	\$ -	0.0%
02 11 00	Contaminated Soil	See Allowance	\$ -		\$ -	\$ -	0.0%
02 20 11	Hazardous Materials	See Allowance	\$ -		\$ -	\$ -	0.0%
02 41 00	Building Demolition	\$ 721,174	\$ 8.92	\$ 675,910	\$ 8.36	\$ (45,264)	-6.3%
02 41 19	Selective Demolition	w/ Demo	\$ -		\$ -	\$ -	0.0%
03 30 00	Cast-in-Place Concrete	\$ 2,160,903	\$ 26.73	\$ 1,970,772	\$ 24.38	\$ (190,131)	-8.8%
04 20 00	Masonry & Cast Stone	\$ 2,859,526	\$ 35.37	\$ 2,856,672	\$ 35.34	\$ (2,854)	-0.1%
04 21 00	Terra Cotta Panel System	\$ -	\$ -		\$ -	\$ -	0.0%
05 00 00	Structural Steel	\$ 2,873,801	\$ 35.55	\$ 2,945,353	\$ 36.43	\$ 71,552	2.5%
05 10 00	Miscellaneous Metals	\$ 549,609	\$ 6.80	\$ 458,316	\$ 5.67	\$ (91,293)	-16.6%
06 00 00	Rough Carpentry	\$ 334,708	\$ 4.14	\$ 318,936	\$ 3.95	\$ (15,772)	-4.7%
06 30 00	Finish Carpentry	\$ 1,323,444	\$ 16.37	\$ 1,282,976	\$ 15.87	\$ (40,468)	-3.1%
07 00 00	Thermal & Moisture Protection	\$ 853,065	\$ 10.55	\$ 908,096	\$ 11.23	\$ 55,031	6.5%
	ACM Panels	\$ 103,757	\$ 1.28	\$ 132,355	\$ 1.64	\$ 28,598	27.6%
07 50 00	Roofing	\$ 1,867,424	\$ 23.10	\$ 1,830,220	\$ 22.64	\$ (37,204)	-2.0%
07 84 00	Fireproofing & Joint Sealants	\$ 177,290	\$ 2.19	\$ 155,648	\$ 1.93	\$ (21,642)	-12.2%
08 00 00	Doors, Frames & Hardware	\$ 496,048	\$ 6.14	\$ 471,095	\$ 5.83	\$ (24,953)	-5.0%
08 30 00	Specialty and Overhead Doors	\$ 30,854	\$ 0.38	\$ 31,400	\$ 0.39	\$ 546	1.8%
08 41 00	Storefront & Curtain Wall	\$ 1,352,412	\$ 16.73	\$ 1,376,459	\$ 17.03	\$ 24,047	1.8%
09 00 00	Drywall & Framing	\$ 3,127,814	\$ 38.69	\$ 3,100,550	\$ 38.35	\$ (27,264)	-0.9%
09 30 00	Tile	\$ 366,175	\$ 4.53	\$ 333,937	\$ 4.13	\$ (32,238)	-8.8%
09 30 00	Carpet	\$ 84,500	\$ 1.05	\$ 71,822	\$ 0.89	\$ (12,678)	-15.0%
09 51 00	Acoustical Ceiling Tile	\$ 559,866	\$ 6.93	\$ 558,255	\$ 6.91	\$ (1,611)	-0.3%
09 65 00	Flooring	\$ 932,132	\$ 11.53	\$ 979,176	\$ 12.11	\$ 47,044	5.0%
09 91 00	Painting	\$ 385,399	\$ 4.77	\$ 392,597	\$ 4.86	\$ 7,198	1.9%
10 00 00	Misc. Specialties	\$ 6,853	\$ 0.08	\$ 7,300	\$ 0.09	\$ 447	6.5%
10 11 00	Visual Display	\$ 202,955	\$ 2.51	\$ 172,888	\$ 2.14	\$ (30,067)	-14.8%
10 14 00	Signage	\$ 79,620	\$ 0.98	\$ 90,869	\$ 1.12	\$ 11,249	14.1%
10 21 13	Toilet Compartments	\$ 29,803	\$ 0.37	\$ 27,800	\$ 0.34	\$ (2,003)	-6.7%
10 26 00	Wall & Door Protection	\$ 44,108	\$ 0.55	\$ 38,344	\$ 0.47	\$ (5,764)	-13.1%
10 28 00	Toilet Accessories	\$ 56,307	\$ 0.70	\$ 59,380	\$ 0.73	\$ 3,073	5.5%
10 51 00	Lockers	\$ 98,954	\$ 1.22	\$ 88,580	\$ 1.10	\$ (10,374)	-10.5%
10 75 00	Flagpoles	\$ 10,329	\$ 0.13	\$ 7,500	\$ 0.09	\$ (2,829)	-27.4%
11 40 00	Food Service Equipment	\$ 635,845	\$ 7.87	\$ 635,845	\$ 7.87	\$ -	0.0%
11 90 00	Misc. Equipment	\$ 275,225	\$ 3.40	\$ 251,335	\$ 3.11	\$ (23,890)	-8.7%
12 00 00	Furnishings	\$ 103,975	\$ 1.29	\$ 91,197	\$ 1.13	\$ (12,778)	-12.3%
14 00 00	Elevators	\$ 186,840	\$ 2.31	\$ 180,000	\$ 2.23	\$ (6,840)	-3.7%
21 00 00	Fire Suppression	\$ 574,624	\$ 7.11	\$ 579,635	\$ 7.17	\$ 5,011	0.9%
22 00 00	Plumbing	\$ 2,115,655	\$ 26.17	\$ 2,161,845	\$ 26.74	\$ 46,190	2.2%
23 00 00	HVAC	\$ 6,656,976	\$ 82.35	\$ 6,750,476	\$ 83.50	\$ 93,500	1.4%
26 00 00	Electrical, T/D, FA Security	\$ 6,372,705	\$ 78.83	\$ 6,157,083	\$ 76.16	\$ (215,622)	-3.4%
31 00 00	Sitework	\$ 7,797,482	\$ 96.45	\$ 7,914,664	\$ 97.90	\$ 117,182	1.5%
		\$ -		\$ -			
ALLOWANCES		\$ -		\$ -			
A1	Temporary Utility Consumption	\$ 200,000	\$ 2.47	\$ 200,000	\$ 2.47	\$ -	0.0%
A2	Temporaty Enviornmental Controls	\$ 350,000	\$ 4.33	\$ 200,000	\$ 2.47	\$ (150,000)	-42.9%
A3	Contaminated Soil	\$ 50,000	\$ 0.62	\$ 50,000	\$ 0.62	\$ -	0.0%
A4	Haz Mat of building components	\$ 575,000	\$ 7.11	\$ 575,000	\$ 7.11	\$ -	0.0%
A5	TRADE ALLOWANCES	\$ 195,000	\$ 2.41	\$ 210,000	\$ 2.60	\$ 15,000	7.7%
A6	GMP ALLOWANCES	\$ 115,000	\$ 1.42	\$ 215,000	\$ 2.66	\$ 100,000	87.0%
TOTAL TRADE COST		\$ 49,034,493	\$ 606.55	\$ 48,656,622	\$ 601.88	\$ (377,871)	-0.8%

INDIRECT CONSTRUCTION COSTS							
2.5%	Design & Estimating Contingency	\$ 1,225,862	\$ 15.16	\$ 1,177,257	\$ 14.56	\$ (48,605)	-4.0%
2.00%	Escalation	\$ 980,690	\$ 12.13	\$ 579,210	\$ 7.16	\$ (401,480)	-40.9%
	Staffing based on RFP	\$ 2,214,752	\$ 27.40	\$ 2,214,752	\$ 27.40	\$ 1	0.0%
	General Requirments	\$ 461,222	\$ 5.71	\$ 461,222	\$ 5.71	\$ -	0.0%
	PreConstruction	with soft cost			\$ -	\$ -	0.0%
0.7%	General Liability Insurance	\$ 377,419	\$ 4.67	\$ 386,095	\$ 4.78	\$ 8,676	2.3%
	Builder's Risk Insurance	By Owner			\$ -	\$ -	0.0%
NIC	Local Building Permit	Waived			\$ -	\$ -	0.0%
0.026%	State Education Fund	\$ 14,117	\$ 0.17	\$ 13,498	\$ 0.17	\$ (619)	-4.4%
0.7%	CM Payment & Performance Bond	\$ 361,695	\$ 4.47	\$ 363,823	\$ 4.50	\$ 2,128	0.6%
3.0%	Construction Contingency	\$ 1,640,107	\$ 20.29	\$ 1,465,402	\$ 18.13	\$ (174,705)	-10.7%
1.20%	CM Fee	\$ 675,724	\$ 8.36	\$ 649,716	\$ 8.04	\$ (26,008)	-3.8%
TOTAL CONSTRUCTION COST		\$ 56,986,081	\$ 704.92	\$ 55,967,597	\$ 692.32	\$ (1,018,484)	-1.8%



STANTON ELEMENTARY SCHOOL

CONSTRUCTION DOCUMENTS

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

GENERAL SUMMARY

SPEC SECTION	DESCRIPTION	Construction Documents	COST / SF
		80,841 sf	
TRADE COSTS			
01 00 00	Project Requirements	\$614,374	7.60
01 74 00	Project Cleanliness	\$526,962	6.52
01 60 00	Phasing Costs	N/A	-
02 11 00	Contaminated Soil	See Allowance	-
02 20 11	Hazardous Materials	See Allowance	-
02 41 00	Building Demolition	\$ 721,174	8.92
02 41 19	Selective Demolition	w/ Demo	-
03 30 00	Cast-in-Place Concrete	\$ 2,160,903	26.73
04 20 00	Masonry & Cast Stone	\$ 2,859,526	35.37
04 21 00	Terra Cotta Panel System	\$ -	-
05 00 00	Structural Steel	\$ 2,873,801	35.55
05 10 00	Miscellaneous Metals	\$ 549,609	6.80
06 00 00	Rough Carpentry	\$ 334,708	4.14
06 30 00	Finish Carpentry	\$ 1,323,444	16.37
07 00 00	Thermal & Moisture Protection	\$ 853,065	10.55
	ACM Panels	\$ 103,757	1.28
07 50 00	Roofing	\$ 1,867,424	23.10
07 84 00	Fireproofing & Joint Sealants	\$ 177,290	2.19
08 00 00	Doors, Frames & Hardware	\$ 496,048	6.14
08 30 00	Specialty and Overhead Doors	\$ 30,854	0.38
08 41 00	Storefront & Curtain Wall	\$ 1,352,412	16.73
09 00 00	Drywall & Framing	\$ 3,127,814	38.69
09 30 00	Tile	\$ 366,175	4.53
09 30 00	Carpet	\$ 84,500	1.05
09 51 00	Acoustical Ceiling Tile	\$ 559,866	6.93
09 65 00	Flooring	\$ 932,132	11.53
09 91 00	Painting	\$ 385,399	4.77
10 00 00	Misc. Specialties	\$ 6,853	0.08
10 11 00	Visual Display	\$ 202,955	2.51
10 14 00	Signage	\$ 79,620	0.98
10 21 13	Toilet Compartments	\$ 29,803	0.37
10 26 00	Wall & Door Protection	\$ 44,108	0.55
10 28 00	Toilet Accessories	\$ 56,307	0.70
10 51 00	Lockers	\$ 98,954	1.22
10 75 00	Flagpoles	\$ 10,329	0.13
11 40 00	Food Service Equipment	\$ 635,845	7.87
11 90 00	Misc. Equipment	\$ 275,225	3.40
12 00 00	Furnishings	\$ 103,975	1.29
14 00 00	Elevators	\$ 186,840	2.31
21 00 00	Fire Suppression	\$ 574,624	7.11
22 00 00	Plumbing	\$ 2,115,655	26.17
23 00 00	HVAC	\$ 6,656,976	82.35
26 00 00	Electrical, T/D, FA Security	\$ 6,372,705	78.83
31 00 00	Sitework	\$ 7,797,482	96.45
ALLOWANCES			
A1	Temporary Utility Consumption	\$ 200,000	2.47
A2	Temporaty Enviornmental Controls	\$ 350,000	4.33
A3	Contaminated Soil	\$ 50,000	0.62
A4	Haz Mat of building components	\$ 575,000	7.11
TRADE ALLOWANCES			-
A6	Unforeseen Demolition/Abatement	\$ 15,000	0.18
A7	Site Maintance	\$ 50,000	0.61
A8	Additional Surveying	\$ 10,000	0.12



STANTON ELEMENTARY SCHOOL

CONSTRUCTION DOCUMENTS

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

GENERAL SUMMARY

SPEC DESCRIPTION SECTION		Construction Documents	COST / SF
		80,841 sf	
A9	Misc Concrete	\$ 25,000	0.31
A10	Masonry Patch and Repair	\$ 15,000	0.18
A11	Unforeseen Carpentry & General Trades	\$ 20,000	0.25
A12	Paint Touch-up & Repair	\$ 20,000	0.25
A13	Ceiling removal and replacement	\$ 10,000	0.12
A14	Unforeseen Firestopping	\$ 10,000	0.12
A15	Elevator Operator	\$ 20,000	0.25
GMP ALLOWANCES			-
A16	Storm/Ground Water Management	\$ 30,000	0.37
A17	Supplemental Steel	\$ 15,000	0.18
A18	Safety and Temp Protection	\$ 30,000	0.37
A19	Unforeseen Winter Conditions	\$ 40,000	0.49
			-
TOTAL TRADE COST		\$ 49,034,493	\$ 607

STANTON ELEMENTARY SCHOOL
CONSTRUCTION DOCUMENTS

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

GENERAL SUMMARY

SPEC SECTION	DESCRIPTION	Construction Documents	COST / SF
		80,841 sf	
INDIRECT CONSTRUCTION COSTS			
2.5%	Design & Estimating Contingency	\$ 1,225,862	15.16
2.0%	Escalation	\$ 980,690	12.13
	Staffing	\$ 2,214,752	27.40
	General Requirments	\$ 461,222	5.71
	PreConstruction	with soft cost	-
0.7%	General Liability Insurance	\$ 377,419	4.67
	Builder's Risk Insurance	By Owner	-
NIC	Local Building Permit	Waived	-
0.026%	State Education Fund	\$ 14,117	0.17
0.7%	CM Payment & Performance Bond	\$ 361,695	4.47
3.0%	Construction Contingency	\$ 1,640,107	20.29
1.20%	CM Fee	\$ 675,724	8.36
TOTAL CONSTRUCTION COST		\$ 56,986,081	\$ 705
SOFT COSTS - OWNER PROVIDED			
	Land Acquisition Cost		\$ -
	Design Fees	\$ 3,346,700	\$ 41.40
	OPM	\$ 1,288,030	\$ 15.93
	FF&E	\$ 1,250,000	\$ 15.46
	Technology	\$ 400,000	\$ 4.95
	Geotechnical		\$ -
	Independent Material Testing	\$ 135,000	\$ 1.67
	Commissioning Services	\$ 93,530	\$ 1.16
	3rd Party Code Review	\$ 20,000	\$ 0.25
	Structural Peer Review	\$ 8,500	\$ 0.11
	Building Equipment / AV Systems		\$ -
	Printing, Advertising		\$ -
	Relocation / Moving	\$ 100,000	\$ 1.24
	Utility Company Costs	\$ 332,500	\$ 4.11
	Builders Risk	\$ 85,000	\$ 1.05
	Owner's Legal Fees	\$ 2,643	\$ 0.03
	Bond Costs	\$ 136,829	\$ 1.69
	Admin. Costs / Owner's Expenses Enrollment Update	\$ 3,500	\$ 0.04
	CM Precon	\$ 160,770	\$ 1.99
	Owner Contingency Soft/Hard	\$ 3,217,029	\$ 39.79
			\$ -
OWNER SOFT COSTS		\$ 10,580,031	\$130.87 /sf
TOTAL PROJECT COST w/ VALUE MANAGEMENT		\$ 67,566,112	\$835.79 /sf

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
01 50 00 - PROJECT REQUIREMENTS						
					TOTAL PROJECT REQ'S	\$ 614,374
01 74 00 - PROJECT CLEANLINESS						
					TOTAL CLEANING	\$ 526,962
01 60 00 - PHASING COSTS						
TEMPORARY CLASSROOMS - not anticipated at this time			ea			
					TOTAL PHASING	\$ -
02 11 00 - CONTAMINATED SOIL						
CONTAMINATED SOIL						
Contaminated Soil - transportation and disposal (SEE ALLOWANCE)			tons			
					TOTAL CONTAMINATED SOIL	\$ -
02 80 00 - HAZARDOUS ABATEMENT						
<u>Interior / Exterior Abatement</u>			sf			
Existing Building Abatement (SEE ALLOWANCE)			ea	see allowance		
					TOTAL HAZARDOUS ABATEMENT	\$ -
02 40 10 - BUILDING DEMOLITION						
Mass building Demolition		38,673	sf	\$ 18.65	\$ 721,174	
					TOTAL BUILDING DEMOLITION	\$ 721,174
02 41 19 - SELECTIVE DEMOLITION						
EXTERIOR						
see site			ea			
					TOTAL SELECTIVE DEMO	\$ -
03 30 00 - CAST-IN-PLACE CONCRETE						
FOOTINGS, PIERS, & WALLS						
Spread Footings - (form, place, strip & reinforce)						
Concrete: Isolated Footing - F4.0 (4'-0"x4'-0"x1'-4")		370	cyd	\$ 1,113.70	\$ 412,069	
Concrete: Isolated Footing - F5.0 (5'-0"x5'-0"x1'-4")		32	ea		In Above	
Concrete: Isolated Footing - F6.0 (6'-0"x6'-0"x1'-4")		15	ea		In Above	
Concrete: Isolated Footing - F7.0 (7'-0"x7'-0"x1'-6")		17	ea		In Above	
Concrete: Isolated Footing - F8.0 (8'-0"x8'-0"x1'-8")		9	ea		In Above	
Concrete: Isolated Footing - F9.0 (9'-0"x9'-0"x1'-10")		15	ea		In Above	
Concrete: Isolated Footing - F4.5 (4'-6"x4'-6"x1'-4")		4	ea		In Above	
Concrete: Isolated Footing - F5.5 (5'-6"x5'-6"x1'-4")		3	ea		In Above	
Concrete: Isolated Footing - F6.5 (6'-6"x6'-6"x1'-6")		11	ea		In Above	
Concrete: Isolated Footing - F7.5 (7'-6"x7'-6"x1'-8")		12	ea		In Above	
Concrete: Isolated Footing - F8.5 (8'-6"x8'-6"x1'-8")		11	ea		In Above	
Concrete: Isolated Footing - F100 (5'-0"x8'-0"x1'-8")		3	ea		In Above	
Concrete: Isolated Footing - F5.0 (5'-0"x5'-0"x1'-4") at Gym		6	ea		In Above	
Concrete: Isolated Footing - F9.0 (9'-6"x9'-6"x1'-10")		4	ea		In Above	
Concrete: Isolated Footing - F10.5 (10'-6"x10'-6"x2'-0")		1	ea		In Above	
Concrete: Isolated Footing - F9.5 (9'-6"x9'-6"x1'-10")		1	ea		In Above	
Concrete: Isolated Footing - F11.0 (11'-0"x11'-0"x2'-2")		8	ea		In Above	
Formwork		1	ea		In Above	
Concrete Materials (+5% Waste)		5,856	sf		In Above	
Pour Footings		389	cyd		In Above	
Rebar		370	cyd		In Above	
Install anchor bolts (assumed 4/plate)		14.80	tons		In Above	
Set & grout base plates		620	ea		In Above	
Continuous Footing (form, place, & strip & reinforce) - Exterior		155	ea		In Above	
Concrete: Strip Footing - Exterior (2'-8"w x 12"dp) w/6"Crushed Ston at Gym		156	cyd	\$ 817.44	\$ 127,520	
Concrete: Strip Footing - Exterior (2'-6"w x 12"dp) w/6" Crushed Stone		92	lf		In Above	
Concrete: Strip Footing - Exterior (4'-0"w x 12"dp) w/6" Crushed Stone		630	lf		In Above	
Concrete: Strip Footing - Exterior (2'-4"w x 12"dp) w/6" Crushed Stone		96	lf		In Above	
Concrete: Stepped Footings		853	lf		In Above	
Formwork		21	ea		In Above	
Keyway		3,408	sf		In Above	
Concrete Materials (+5% Waste)		1,672	lf		In Above	
		164	cyd		In Above	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents			80,841 sf
DESCRIPTIONS	Qty	Unit	Unit Price	Subtotal	Total
Pour Footings	156	cyd		In Above	
Rebar	6.24	tons		In Above	
Continuous Footing (form, place, & strip & reinforce) - Interior	181	cyd	\$ 817.44	\$ 147,956	
Concrete: Strip Footing - Interior (2'-0"w x 12"dp) w/6" Crushed Stone	455	lf		In Above	
Concrete: Strip Footing - Interior (3'-0"w x 12"dp) w/6" Crushed Stone	50	lf		In Above	
Formwork	1,010	sf		In Above	
Keyway	505	lf		In Above	
Concrete Materials (+5% Waste)	57	cyd		In Above	
Pour Footings	54	cyd		In Above	
Rebar	2.16	tons		In Above	
Pilasters & Piers	49	cyd	\$ 1,384.02	\$ 67,817	
Concrete: Pilasters/Piers - P1 & P1W (24"x24")	105	ea		In Above	
Concrete: Pilasters/Piers - P2 (18"x18")	2	ea		In Above	
Concrete: Pilasters/Piers - P3W (24"x24") at Ramp/Loading Dock	2	ea		In Above	
Formwork	2,672	sf		In Above	
Concrete Materials (+5% Waste)	51	cyd		In Above	
Pour Pilasters/Piers	49	cyd		In Above	
Rebar	1.96	tons		In Above	
Walls (Interior & Exterior) (Form, Place, & Strip)	325	cyd	\$ 1,178.14	\$ 382,895	
Concrete: Exterior Walls (0'-4') w/8"x8" Brickshelf (16")	1,667	lf		In Above	
Concrete: Exterior Walls (4'-8') at Loading Dock/Ramp (16")	11	lf		In Above	
Concrete: Exterior Walls (4'-8') at Loading Dock/Ramp (12")	80	lf		In Above	
Concrete: Exterior Walls (0'-4') at Loading Dock/Ramp (12")	70	lf		In Above	
Concrete: Exterior Walls (0'-4') w/8"x8" Brickshelf (20")	108	lf		In Above	
Concrete: Interior Walls (0'-4') at High Gym Walls (12")	140	lf		In Above	
Concrete: Interior Walls (0'-4') at High Gym Walls (20")	16	lf		In Above	
Formwork (0'-4')	12,360	sf		In Above	
Formwork (4'-8')	1,286	sf		In Above	
Formwork - Brickshelf	2,362	sf		In Above	
Concrete Materials (+5% Waste)	341	cyd		In Above	
Pour Walls	325	cyd		In Above	
Rebar	13.00	tons		In Above	
Elevator Pit (formwork, concrete & rebar)	15	cyd	\$ 1,198.18	\$ 17,973	
Concrete: Elevator Pit - Structural Slab (12")	1	ea		In Above	
Concrete: Elevator Pit - Walls (4'-8')	40	lf		In Above	
Edge-Form (12")	40	sf		In Above	
Keyway	40	lf		In Above	
Concrete materials - 4,500 psi (+5% Waste)	16	cyd		In Above	
Pour & Finish Elevator Pit Structural Mat (F3)	7	cyd		In Above	
Pour Elevator Pit Walls	8	cyd		In Above	
Formwork (4'-8')	398	sf		In Above	
Formwork - Slabshelf	40	lf		In Above	
Pump walls & footings	15	cyd		In Above	
Reinforcement	0.60	tons		In Above	
Install waterstop	40	lf		In Above	
Radon Pit (formwork, concrete & rebar)	2	ea	\$ 1,198.18	\$ 2,396	
Loading Dock & Entrance Vestibule- Footings (Assumed 2'w x 12"dp)	22	cyd	\$ 909.71	\$ 20,014	
Concrete: Isolated Footing - F3.0 (3'-6"x3'-6"x1'-4") at Ramp/Loading Dock	2	ea		In Above	
Concrete: Strip Footing - Loading Dock (4'-0"w x 12"dp)	73	lf		In Above	
Concrete: Strip Footing - Loading Dock (3'-8"w x 12"dp)	65	lf		In Above	
Concrete: Strip Footing - Loading DStair (2'-0"w x 12"dp)	20	lf		In Above	
Formwork	268	sf		In Above	
Keyway	134	lf		In Above	
Concrete Materials (+5% Waste)	23	cyd		In Above	
Pour Loading Dock Footings	22	cyd		In Above	
Rebar	0.88	tons		In Above	
Loading Dock & Entrance Vestibule- Walls (16"w & 12"w)	41	cyd	\$ 1,380.30	\$ 56,592	
Concrete: Exterior Walls (4'-8') at Loading Dock/Ramp	80	sf		In Above	
Concrete: Exterior Walls (0'-4') at Loading Dock/Ramp	12	lf		In Above	
Formwork (0'-4')	96	sf		In Above	
Formwork (4'-8')	1,280	sf		In Above	
Formwork - Pilasters (P1W)	80	lf		In Above	
Concrete Materials (+5% Waste)	44	cyd		In Above	
Pour Loading Dock Walls (0'-8') & Pilasters	42	cyd		In Above	
Rebar	1.68	tons		In Above	
Loading Dock - Ramp/Stairs	620	sf	\$ 17.13	\$ 10,618	
Concrete: Loading Dock/Ramp Stair Slab (6")	22	sf		In Above	
Concrete: Loading Dock/Ramp Slab (6")	598	sf		In Above	
Riser Form at Stair	20	lf		In Above	
Place & Finish Ramp/Stairs	620	sf		In Above	
Concrete materials - 4,500 psi (+5% Waste)	13	cyd		In Above	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
WWM (6x6-2.9/2.9)		744	sf		In Above	
Rebar		1	tons		In Above	
UNDERPINNING						
Under Pinning		-	allw		N / A - Excluded	
SLAB ON GRADE						
Concrete: Slab on Grade - Type F1 (4")		54,474	sf	\$ 9.48	\$ 516,381	
Concrete: Slab on Grade - Type F2 (6")		532	sf	\$ 12.43	\$ 6,614	
Concrete material - 4" & 6" thick (+5% Waste)		717	cyd		In Above	
Form slab haunches (Frostwalls) at Entrance Slabs		330	lf		In Above	
Moisture reducing agent (Not at F2)		-	cyd		n Div 7 (topical)	
Place & Finish		55,006	cyd		In Above	
Reinforcement (+20%) - WWM 6x6 - 2.9/2.9 (+20%)		66,007	sf		In Above	
Vapor Barrier (+20%) - 10 mil		66,007	sf		In Above	
Edge Forms at Slab Depressions		60	lf		In Above	
Perimeter joints		2,000	lf		In Above	
Control joints		6,410	lf		In Above	
Pump Slab on Grade Areas		7	days		In Above	
SLAB ON DECK						
Slab on Deck (S1) at Second Floor - Material & Labor		24,428	sf	\$ 10.62	\$ 259,401	
Slab on Deck (S2) at Rooftop Equipment- Material & Labor		1,884	sf		In Above	
Concrete material - 4-1/2" & 5" thick (+5% Waste)		433	cyd		In Above	
Moisture reducing agent (Not at F2 Slabs)		396	cyd	\$ 82.88	\$ 32,808	
Place & Finish		26,312	sf		In Above	
Reinforcement (+20%) - WWM 6x6 - 1.4/1.4 (+20%)		31,574	sf		In Above	
Perimeter joints		1,282	lf		In Above	
Control joints		1,630	lf		In Above	
Pump Slab on Deck Areas		4	days		In Above	
STAIRS - FLATWORK						
Stair Pans & Landings		1,434	sf	\$ 25.00	\$ 35,850	
Stairs - Exterior - See Loading Dock			ls		w/ Above	
SITE CONCRETE						
Concrete: Slab on Grade - Type F2 (6") Loading Dock Entrance Slab		532	sf	\$ 12.43	\$ 6,614	
Concrete material - 6" thick (+5% Waste)		28	cyd		In Above	
Form slab haunches (Frostwalls) at Entrance Slabs		210	lf		In Above	
MISCELLANEOUS						
Pump Foundation		20	days	\$ 1,206.99	\$ 24,140	
Pump Slabs		10	days	\$ 1,206.99	\$ 12,070	
Pump Retaining Walls		5	days		in Sitework	
Rigid Insulation - 2" (at Foundation Walls)		4,640	sf	\$ 3.11	In div 7	
Rigid Insulation - 2" (at Slab Perimeter - 24")		3,090	sf	\$ 3.11	In div 7	
Rubbed Finish at Exposed Concrete Foundation Walls		280	sf	\$ 20.72	\$ 5,802	
Rubbed Finish at Exposed Concrete Retaining Walls			sf		in Sitework	
Concrete Pads for Interior MEP Equipment		362	sf	\$ 20.72	\$ 7,501	
Concrete Locker Bases at Corridors		260	sf	\$ 20.72	\$ 5,387	
Edge form depressed slabs		300	lf	\$ 8.29	\$ 2,486	
Temp heat for concrete work		-	winter	\$ 15,000.00	\$ -	
Phasing Coordination		-	ea		N / A	
				TOTAL CIP CONCRETE	\$ 2,160,903	

04 20 00 - MASONRY & CAST STONE
MASONRY WALLS

Masonry: Exterior Walls (W4) - CMU (12") at Main 1st Gym Areas	1,588	sf	\$ 47.66	\$ 75,678
Masonry: Exterior Walls (W4) - CMU (8") at Main 1st Gym Storage & MEP Area	2,568	sf	\$ 40.40	\$ 103,757
Masonry: Partition - (Type W-5 - Split Faced CMU - Double Sided) at Loading Dock	360	sf	\$ 46.62	\$ 16,783
Masonry: Split Faced Veneer W6 - (4") at Loading Dock	312	sf	\$ 47.66	\$ 14,869
Masonry: Partition - (Type C8.1) at 2Hr. Separation	614	sf	\$ 37.30	\$ 22,900
Masonry: Partition - (Type C8.1) 1Hr. at Elevator Shaft	1,036	sf	\$ 37.30	\$ 38,639
Masonry: Partition - (Type C8.1) 1Hr. at Stairs #1, #2 & #4	858	sf	\$ 37.30	\$ 32,000
Masonry: Partition - (Type C8) Non-Rated at Stairs #1, #2 & #4	806	sf	\$ 36.26	\$ 29,226
Masonry: Partition - (Type C8) Non-Rated at Mechanical & Electrical Rooms	3,428	sf	\$ 36.26	\$ 124,299
Masonry: Partition - (Type C1) Non-Rated at Gym	2,548	sf	\$ 36.26	\$ 92,390
Masonry: Interior Masonry Veneer (C4.0) - 4" at Stairwells	5,148	sf	\$ 47.66	\$ 245,333
Brick Veneer	26,670	sf	\$ 49.73	\$ 1,326,246
Split Faced Veneer	10,928	sf	\$ 47.66	\$ 520,785
Cast Stone window sill at Windows	942	lf	\$ 64.23	\$ 60,507
Build-in & Set Welded Door Frames - Single	7	ea	\$ 310.80	\$ 2,176
Build-in & Set Welded Door Frames - Double	13	ea	\$ 621.60	\$ 8,081
Build-in & Set Steel Channel Frames at Overhead Doors	1	ea	\$ 1,243.20	\$ 1,243
Build-in & Set Loose Lintels at CMU Door Openings	20	ea	\$ 414.40	\$ 8,288
Build-in & Set Loose Lintels at Brick Veneer Window & Door Openings	215	ea	\$ 310.80	\$ 66,822
Build-in CMU Clips & Angles	670	ea	\$ 48.69	\$ 32,624

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Firestopping at Exterior CMU Walls		1,330	lf	\$ 20.72	\$ 27,558	
Build-in & Set Elevator Shaft Frames		2	ea	\$ 2,072.00	\$ 4,144	
MISCELLANEOUS GENERAL REQUIREMENTS						
Scaffolding & Staging		1	ls	\$ 41,440.00	in Above	
Expansion Joints		1	ls	\$ 5,180.00	\$ 5,180	
Phasing Coordination		-	ea		N / A	
		TOTAL UNIT MASONRY				\$ 2,859,526

04 21 00 TERRA COTTA PANEL SYSTEM

deleted by VE

05 12 00 - STRUCTURAL STEEL

STRUCTURAL STEEL HSS COLUMNS (Original Schedules)	56.20	tons	\$	4,700.00	\$ 264,140
STRUCTURAL STEEL HSS COLUMNS (Not Shown or Sized)	3.10	tons	\$	4,700.00	\$ 14,570
Structural Steel: Columns (HSS 6x6x3/8) - (15'-0" - Level 2 to Roof)	31	lf			in Above
Structural Steel: Columns (HSS 6x6x3/8) - (28'-6" - Level 1 to Roof)	2,012	lf			in Above
Structural Steel: Columns (HSS 6x6x3/8) - (14'-6" - Level 1 to Roof)	702	lf			in Above
Structural Steel: Columns (HSS 6x6x3/8) - (40'-6" - Level 1 to Roof)	81	lf			in Above
Structural Steel: Columns (HSS 12x12x3/8 - (28'-6" - Level 1 to Roof)	287	lf			in Above
Structural Steel: Columns (HSS 12x8x1/2) - (11'-0" - Level 1 to Roof)	162	lf			in Above
Structural Steel: Columns (HSS 6x6x1/2) - (28'-6" - Level 1 to Roof)	86	lf			in Above
Structural Steel: Columns (HSS 6x6x1/4) - (14'-6" - Level 1 to Roof)	227	lf			in Above
Structural Steel: Stub Columns (HSS 5x5x5/16) at Roof	31	lf			in Above
Structural Steel Added Missing Column Size (Assumed HSS12x6x3/8)	49	lf			in Above
Structural Steel Added Missing Column Size (Assumed HSS12x6x1/2)	15	lf			in Above
Structural Steel Added Missing Column Size (Assumed HSS16x4x5/16)	40	lf			in Above
Structural Steel Added Missing Columns O-8 & Y6-XA (Assumed HSS6x6x3/8)	60	lf			in Above
STRUCTURAL STEEL - BEAMS	261.25	tons	\$	4,700.00	\$ 1,227,875
Structural Steel: Beams (W14 x 22 w/18 Shear Studs) at Floor Framing	393	lf			in Above
Structural Steel: Beams (W12 x 16 w/10 Shear Studs) at Floor Framing	432	lf			in Above
Structural Steel: Beams (W16 x 26 w/20 Shear Studs) at Floor Framing	2,306	lf			in Above
Structural Steel: Beams (W18 x 50 w/18 Shear Studs) at Floor Framing	162	lf			in Above
Structural Steel: Beams (W10 x 15 w/6 Shear Studs) at Floor Framing	28	lf			in Above
Structural Steel: Beams (W14 x 43 w/18 Shear Studs) at Floor Framing	72	lf			in Above
Structural Steel: Beams (W12 x 16 w/8 Shear Studs) at Floor Framing - Bridg	507	lf			in Above
Structural Steel: Beams (W21 x 57 w/40 Shear Studs) at Floor Framing	56	lf			in Above
Structural Steel: Beams (W18 x 35 - w/38 Shear Studs) at Floor Framing	594	lf			in Above
Structural Steel: Beams (W21 x 44 w/40 Shear Studs) at Floor Framing	520	lf			in Above
Structural Steel: Beams (W16 x 36 w/28 Shear Studs) at Floor Framing	44	lf			in Above
Structural Steel: Beams (W18 x 46 w/32 Shear Studs) at Floor Framing	29	lf			in Above
Structural Steel: Beams (W12 x 22 w/22 Shear Studs) at Floor Framing	68	lf			in Above
Structural Steel: Beams (HSS 16"x8"x3/8") at Gym	79	lf			in Above
Structural Steel: Beams (HSS 20"x8"x1/2") at Gym	66	lf			in Above
Structural Steel: Beams (HSS 12"x12"x3/8")	292	lf			in Above
Structural Steel: Beams (HSS 12"x6"x1/2")	16	lf			in Above
Structural Steel: Beams (HSS 16"x4"x5/16")	40	lf			in Above
Structural Steel: Beams (MC6x18) at High/Low Roofs	389	lf			in Above
Structural Steel: Beams (C12 x 25) at Low Roof Framing	33	lf			in Above
Structural Steel: Beams (C12 x 30) at Low Roof Framing	14	lf			in Above
Structural Steel: Beams (W21 x 44) at Low Roof Framing	960	lf			in Above
Structural Steel: Beams (W16 x 31) at Low Roof Framing	21	lf			in Above
Structural Steel: Beams (W16 x 26) at Low Roof Framing	2,086	lf			in Above
Structural Steel: Beams (W18 x 40) at Low Roof Framing	81	lf			in Above
Structural Steel: Beams (W12 x 14) at Low Roof Framing	1,197	lf			in Above
Structural Steel: Beams (W10 x 12) at Low Roof Framing	796	lf			in Above
Structural Steel: Beams (W14 x 22) at Low Roof Framing	3,385	lf			in Above
Structural Steel: Beams (W18 x 35) at Low Roof Framing	2,180	lf			in Above
Structural Steel: Beams (W16 x 36) at Low Roof Framing	377	lf			in Above
Structural Steel: Beams (W18 x 46) at Low Roof Framing	117	lf			in Above
Structural Steel: Beams (W18 x 76) at Low Roof Framing	103	lf			in Above
Structural Steel: Beams (W10 x 17) at Low Roof Framing	8	lf			in Above
Structural Steel: Beams (W10 x 22) at Low Roof Framing	28	lf			in Above
Structural Steel: Beams (W12 x 16) at Low Roof Framing	18	lf			in Above
Structural Steel: Beams (W12 x 40) at Low Roof Framing	66	lf			in Above
Structural Steel: Beams (W12 x 22) at Low Roof Framing	200	lf			in Above
Structural Steel: Beams (W24 x 68) at High/Low/Roof Framing	31	lf			in Above
Structural Steel: Beams (W12 x 26) at Low Roof Framing	28	lf			in Above
Structural Steel: Beams (W14 x 30) at Low Roof Framing	108	lf			in Above

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Structural Steel: Beams (W21 x 57) at High/Low Roof Framing		101	lf			in Above
Structural Steel: Beams (W18 x 35) at Low Roof Framing - Gym		122	lf			in Above
Structural Steel: Beams (W21 x 55) at High/Low Roof Framing - Gym		170	lf			in Above
STRUCTURAL STEEL - LONG SPAN JOISTS (j1 - LH30)		17.60	tons	\$ 5,698.00	\$ 100,285	
Bridging (3"x3"x3/4") for Longspan Joists		2.89	tons	\$ 5,698.00	\$ 16,458	
BRACED FRAMES		10.22	tons	\$ 4,700.00	\$ 48,034	
Structural Steel: Braced Frames (5" x 5" x 3/8")		16	lf			
Structural Steel: Braced Frames (5" x 5" x 5/16")		901	lf			
Structural Steel: Braced Frames (7" x 5" x 1/2")		82	lf			
Bridging (3"x3"x3/4") for Longspan Joists		2.89	tons	\$ 5,698.00	\$ 16,458	
MISC. BRACING				\$ -		
Structural Steel: Canopy Framing (L3-1/2 x 3-1/2 x 1/4")		1.81	tons	\$ 5,698.00	\$ 10,341	
Structural Steel: Continuous Angle (8"x8"x1/4") w/Bent Plate (1/4")		26.25	tons	\$ 5,698.00	\$ 149,600	
Structural Steel: Continuous Angle (8"x8"x1/4") w/Bent Plate (1/4") at Gym		2.50	tons	\$ 5,698.00	\$ 14,253	
Structural Steel: Roof Angles (L6x4x5/16") at Gym High Roof		0.26	tons	\$ 5,698.00	\$ 1,497	
Structural Steel: Roof Frames (L5" x 3-1/2" x 5/16") at Gym Openings		0.45	tons	\$ 5,698.00	\$ 2,553	
Structural Steel: Roof Frames (L5" x 3-1/2" x 5/16") at Main Build Openings		4.99	tons	\$ 5,698.00	\$ 28,405	
Entry Canopy Tube Steel Framing		6.16	tons	\$ 5,698.00	\$ 35,100	
Structural Steel: Canopy Framing (L3-1/2 x 3-1/2 x 1/4")		548.00	lf			in Above
Structural Steel: Canopy Framing - Outriggers (HSS 3-1/2" x 3-1/2" x 3/8")		223.00	lf			in Above
Structural Steel: Canopy Framing (L3-1/2 x 3-1/2 x 1/4") at Gym		107.00	lf			in Above
Structural Steel: Canopy Framing - Outriggers (HSS 3-1/2"x3-1/2"x3/8")-Gym		35.00	lf			in Above
Support and bracing for additional steel dunnage		1.00	ls	\$ 20,720.00	\$ 20,720	
CONNECTIONS						
Connections & Bridging		19.02	tons	\$ 5,698.00	\$ 108,376	
Moment Connections		52	loc	\$ 1,243.20	\$ 64,646	
Base Plates		142	ea	\$ 621.60	\$ 88,267	
Anchor Rods		568	ea	\$ 31.08	\$ 17,653	
Bearing Plates		28	ea	\$ 310.80	\$ 8,702	
Anchor Bolts		112	ea	\$ 31.08	\$ 3,481	
CMU clips & angles		912	ea	\$ 48.69	\$ 44,407	
METAL DECKING						
Metal Floor Decking (2" - 20 Gauge) at Level 2		24,448	sf	\$ 6.85	\$ 167,469	
Shear Studs (3/4" dia x 3-1/2"lg.)		5,212	ea	\$ 10.36	\$ 53,996	
Structural Steel: Metal Wide Rib Roof Deck (1-1/2" Deep- 20 Gauge- Type B)		50,520	sf	\$ 4.55	\$ 229,866	
Structural Steel: Entrance Loading Dock Canopy Roof		1,262	sf	\$ 6.85	\$ 8,645	
Structural Steel: Metal Acoustical Gym Roof Deck (2" Deep- 20 Gauge-Type B)		5,470	sf	\$ 12.43	\$ 68,003	
MISCELLANEOUS						
Crane / Rigging		1	ls			in Above
Fire Watch		-	ls			N / A
Exterior Loose Lintels at Brick Veneer Window & Door Openings		10	Tons	\$ 6,000.00	\$ 60,000	
Phasing Coordination		-	ea			N / A
TOTAL STRUCTURAL STEEL				\$	2,873,801	

05 50 00 - METAL FABRICATIONS
EXTERIOR

Entrance Canopies w/Structural Posts & Roof Decking	773	sf	\$ 62.16	\$ 48,050	
Guardrail at Exterior Loading Dock Ramp & Stair	60	lf	\$ 310.80	\$ 18,648	
Exterior Wall Rail at Loading Dock Ramp & Stair	66	lf	\$ 186.48	\$ 12,308	
Exterior Wall Rail at Site Parking Area Stair	20	lf	\$ 186.48	\$ 3,730	
Mechanical Screening, Steel Frame & Post	-	lf			Deleted
Mechanical Screen Supports (6'x6"x5/16") w/Kickers@ 9' OC	-	ea			Deleted
Channel Frame at Overhead Door	1	ea	\$ 3,626.00	\$ 3,626	
Exterior Ramp Removable Guard Railing System - galv	20	lf	\$ 310.80	\$ 6,216	
Exterior Retaining Wall Guard Railing System - galv	-	lf			
Roof Access Ladders	3	ea	\$ 3,418.80	\$ 10,256	
Exterior Loose Lintels at CMU Door Openings (0'-8')	538	lf	\$ 30.00	\$ 16,140	
Exterior Loose Lintels at CMU Door Openings (8'-16')	740	lf	\$ 30.00	\$ 22,200	

INTERIOR

Pan Stair #1 (Levels 1-2) w/Integral Mesh Guardrails	1	lvl	\$ 34,006.70	\$ 34,007	
Pan Stair #2 (Levels 1-2) w/Integral Mesh Guardrails	1	lvl	\$ 34,006.70	\$ 34,007	
Pan Stair #3 (Levels 1-2) Straight	1	lvl	\$ 34,006.70	\$ 34,007	
Pan Stair #4 (Levels 1-Roof) w/Integral Mesh Guardrails	2	lvl	\$ 34,006.70	\$ 68,013	
Stainless Mesh Guardrails (Full Ht.) at Stair 4 Roof	42	lf	\$ 310.80	\$ 13,054	
Decorative S.S. Picket Guardrail System at Stair #5	34	lf	\$ 621.60	\$ 21,134	
Stainless Mesh Guardrails at Stair Window Openings	32	lf	\$ 621.60	\$ 19,891	
Stainless Steel Floor Mounted (Two-Line) Handrail	10	lf	\$ 414.40	\$ 4,144	
Wall Rails at Pan Stairs #1 thru #5 (Stainless Steel)	335	lf	\$ 207.20	\$ 69,412	
Ornamental Guard Rails w/ Stainless Wire Mesh at Stair #3	60	lf	\$ 601.66	\$ 36,099	
Roof Ladders (Low to High Roofs)	6	ea	\$ 4,662.00	\$ 27,972	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Elevator Ladder		1	ea	\$ 1,151.00	\$ 1,151	
Elevator Pit Cover		1	ea	\$ 313.91	\$ 314	
Elevator Sill Angles		2	ea	\$ 523.18	\$ 1,046	
Elevator Hoist Beam		1	ea	\$ 2,284.38	\$ 2,284	
CMU Clips & Angles		670	ea	\$ 41.44	\$ 27,765	
Lintels @ 3' -8' Openings		150	lf	\$ 30.00	\$ 4,500	
Overhead Basketball Backboard Supports at Gym		6	ea	\$ 1,243.20	\$ 7,459	
Overhead Toilet Partition Supports		7	ea	\$ 310.80	\$ 2,176	
MISCELLANEOUS						
Phasing Coordination		-	ea		N / A	
		TOTAL METAL FABRICATIONS				\$ 549,609
06 10 00 - ROUGH CARPENTRY						
BLOCKING						
Exterior Window 1x & 2x Sills		4,408	lf	\$ 15.54	\$ 68,500	
Exterior Curtain Wall & Storefront (perimeter)		3,000	lf	\$ 15.54	\$ 46,620	
Misc. Interior Wall Blocking (20% of wall area)		10,000	lf	\$ 3.14	\$ 31,391	
Parapet Blocking (4 pcs - Detail 1/A3-2-1)		2,412	lf	\$ 24.86	\$ 59,972	
Roof Transition Blocking		720	lf	\$ 12.43	\$ 8,951	
Mechanical Curb Blocking		510	lf	\$ 12.43	\$ 6,340	
Entrance Canopy Blocking		232	lf	\$ 12.43	\$ 2,884	
TEMPORARY PROTECTIONS						
Temp Window plywood		1,900	sf	\$ 10.36	\$ 19,684	
Temp Window Poly		1,900	sf	\$ 5.18	\$ 9,842	
EQUIPMENT						
Lift Rental		1	ls	\$ 5,180.00	\$ 5,180	
Scaffold Stair Towers for Roof Access		1	ls	\$ 51,800.00	\$ 51,800	
SAFETY						
Wood Safety Rails, Plywood Covers, Etc		45,000	sf	\$ 0.52	\$ 23,543	
MISC.						
General Trades Primary Subcontractor GC's			sf			
Phasing Coordination						
		TOTAL ROUGH CARPENTRY				\$ 334,708
06 20 00 - FINISH CARPENTRY						
INTERIOR						
Casework / Millwork - Materials						
Cabinets - Base 24"		603	lf	\$ 362.60	\$ 218,648	
Cabinets - Upper 18"		602	lf	\$ 233.10	\$ 140,326	
Cabinets - Full height lockable		409	lf	\$ 550.00	\$ 224,950	
Casework - Bench PLAM		84	lf	\$ 1,500.00	\$ 126,000	
Casework - Bookshelves 2 Tier BookShelf		628	lf	\$ 259.00	\$ 162,652	
Casework - Reception Desk		59	lf	\$ 1,036.00	\$ 61,124	
Casework / Millwork - Labor						
Installation		2,550	hrs	\$ 125.18	included above	
Countertops & Worksurfaces - Materials						
Countertops 24" - Plam		1,129	lf	\$ 103.60	\$ 116,964	
Counterotps 24" - Epoxy Resin		42	lf	\$ 155.40	\$ 6,527	
Custom Desk w/ transaction shelf		19	lf	\$ 129.50	\$ 2,461	
Countertops & Worksurfaces - Labor						
Installation		344	hrs	\$ 125.18	\$ 43,060	
Panels & Shelving - Materials						
Shelving -in instrument room		47	ea	\$ 259.00	\$ 12,173	
Cubbies		266	lf	\$ 336.70	\$ 89,562	
Panels & Shelving - Labor						
Installation		278	hrs	\$ 125.18	\$ 34,781	
Sills - Materials						
Window Sills -		672	lf	\$ 103.00	\$ 69,216	
Sills - Labor						
Installation		-	lf		w/ above	
Miscellaneous						
Misc. Millwork Allw FSC requirments		1	ls	\$ 15,000.00	\$ 15,000	
* Chain of custody and certification for FSC is excluded			lf			
		TOTAL FINISH CARPENTRY				\$ 1,323,444
07 10 00 - DAMP / WATERPROOFING					\$ 50,505	
DAMP / WATERPROOFING						
Elevator Pit			ea			
Exterior Foundation Dampproofing			sf			

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
		TOTAL DAMP / WATERPROOFING				\$ 50,505
07 21 00 - THERMAL INSULATION						
SPRAY FOAM						
Spray Foam Insulation			sf			
LOOSE-FILL CELLULOSE						
Loose-Fill Cellulose Insulation (10") at Light Gauge Framing Areas			sf			
RIGID						
Rigid Insulation - 2" Verticle at Conc Foundation		8,050	sf	\$ 3.32	\$ 26,687	
Rigid Insulation - 2" Horizontal at Conc Slab-on-Grade		60,041	sf	\$ 3.32	\$ 199,048	
Rigid Insulation - 3" at Brick Veneer (w/ window returns)		43,206	sf	\$ 5.70	\$ 246,188	
Rigid Insulation - 3" at ACM Panels		803	sf	n/a	n/a	
BATT			sf			
Batt Insulation - In-wall Drywall Partitions						
		TOTAL THERMAL INSULATION				\$ 471,923
07 25 00 - AIR & VAPOR BARRIERS						
FLUID APPLIED						
Fluid Applied Air & Vapor Barriers at Brick Veneer (Redistributed from Brick Unit \$)		41,750	sf	\$ 7.77	\$ 324,398	
Fluid Applied Air & Vapor Barriers at Terracotta Panels (Redistributed from Terracotta Unit\$)		-	sf			
Fluid Applied Air & Vapor Barriers at ACM Panels		803	sf	\$ 7.77	\$ 6,239	
		TOTAL AIR & VAPOR BARRIERS				\$ 330,637
07 30 00 - SIDING						
		TOTAL EIFS				\$ -
07 46 00 - EXTERIOR ALUMINUM COMPOSITE PANELS (ACM)						
EXTERIOR						
ACM Panel System - Verticle		670	sf	\$ 110.85	\$ 74,271	
ACM Entrance Canopies - ACM Panel System - Horizontal		266	sf	\$ 110.85	\$ 29,487	
		TOTAL EXTERIOR PANELS				\$ 103,757
07 50 00 - ROOFING						
MEMBRANE ROOFING - SINGLE-PLY						
PVC Roofing System		55,757	sf	\$ 31.08	\$ 1,732,928	
Tapered Crickets (Placed Below Coverboard)		1	sf	\$ 5,180.00	\$ 5,180	
PVC Roofing system @ Parapets (Verticle)		3,208	sf	\$ 18.65	\$ 59,823	
PVC Roofing system @ Parapets (Verticle) at Blind Roof Transitions		1	sf	\$ 10,000.00	\$ 10,000	
FLASHING & SHEET METAL			sf			
Cap Flashing at Low, Intermediate & High Roof Areas		1	ls	\$ 9.32	\$ 9	
Flashing & Counter Flashing at Roof Transitions, Mechanical Equipment & Roof Hatches		1	ls	\$ 9.32	\$ 9	
MISCELLANEOUS			sf			
Roof Walkway Pads (30"Square) (QTY = 544 ea)		1	allow	\$ 5,180.00	\$ 5,180	
Roof Drains at Buildings		1	ls	\$ 10,360.00	\$ 10,360	
Roof Expansion Joints at Buildings		1	allow	\$ 10,360.00	\$ 10,360	
Roof Hatch (w/Safety Rails)		1	ea	\$ 5,180.00	\$ 5,180	
Roof Ladder & Safety		20	vlf	\$ 388.50	\$ 7,770	
Set Mechanical Curbs & Flashing		510	lf	\$ 20.72	\$ 10,567	
Fall Protection		1	allw	\$ 10,058.25	\$ 10,058	
Phasing Coordination		-	ea			
		TOTAL ROOFING				\$ 1,867,424
07 62 00 - SHEET MTL FLASHING & TRIM						
EXTERIOR						
Cap Flashing at Low, Intermediate & High Roof Areas		1	ls		w/ Roofing	
Flashing & Counter Flashing at Roof Transitions, Mechanical Equipment & Roof Hatches		1	ls		w/ Roofing	
		TOTAL FLASHING & TRIM				\$ -
07 81 00 - APPLIED FIREPROOFING						
INTUMESCENT						
Intumecent Coatings			lf			
APPLIED FIREPROOFING						
Applied Fireproofing - 1 hr at Beams & Deck			sf			
Applied Fireproofing - 1 hr at Columns			sf			
Applied Fireproofing - Patching			sf			
		TOTAL FIREPROOFING				\$ -
07 84 00 - PENETRATION FIRESTOPPING						
FIRESTOPPING						

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

Construction Documents
ESTIMATE DETAIL

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Fire-Resistive Joint Systems - Smoke 1 Hr / 2 Hr		81,579	sf	\$ 0.52	\$ 42,258	
Firestopping at Slab on Deck Perimeter (Detail 1/A3-2-1)		930	lf	\$ 31.08	\$ 28,904	
Firestopping at Drywall Partitions		1	ls	\$ 0.31	in Drywall	
Firestopping at Masonry Partitions		1	ls	\$ 0.52	in Masonry	
Firestopping at Exterior CMU Walls		970	lf	\$ 20.72	\$ 20,098	
Firestopping at MEP Penetrations		1	ls	\$ 0.52	in MEP	
TOTAL FIRESTOPPING					\$	91,261
07 92 00 - JOINT SEALANTS						
JOINT SEALANTS						
Misc Joint Sealants - Exterior		45,240	sf	\$ 1.00	\$ 45,240	
Misc Joint Sealants - Interior		81,579	sf	\$ 0.50	\$ 40,790	
Foundations		1	ls		w/ Trades	
Millwork / Casework		1	ls		w/ Trades	
Door Frames		1	ls		w/ Trades	
Windows		1	ls		w/ Trades	
TOTAL JOINT SEALANTS					\$	86,030
08 10 00 - DOORS & FRAMES						
Frames - Material						
HM Frame - Double		24	ea	\$ 1,020.46	\$ 24,491	
HM Frame - Single		149	ea	\$ 606.06	\$ 90,303	
HM Frame with transom		4	ea	\$ 1,243.20	\$ 4,973	
Door Gasketing		1	ls	\$ 12,000.00	\$ 12,000	
Doors						
Door Type - HM		24	lvs	\$ 637.14	\$ 15,291	
Door Type - Prefinished Wood		174	lvs	\$ 673.40	\$ 117,172	
Labor			ea			
Unload, Catalogue, Distribute		376		\$ 55.43	\$ 20,840	
Frame Installation						
Door Installation		198	ea	\$ 155.40	\$ 30,769	
TOTAL DOORS & FRAMES					\$	315,839
08 30 00 - SPECIALTY DOORS & OVERHEAD DOORS						
EXTERIOR						
Overhead Doors		1	ea	\$ 8,288.00	\$ 8,288	
Overhead Door Frames		1	ea	\$ 1,569.54	\$ 1,570	
INTERIOR			ea			
Rolling Counter Door		1		\$ 833.98	\$ 834	
Motorized Coiling Door		1		\$ 15,500.00	\$ 15,500	
Access Doors		15		\$ 310.80	\$ 4,662	
TOTAL SPECIALTY DOORS					\$	30,854
08 41 00 - ENTRANCE & STOREFRONTS						
EXTERIOR						
Storefront		1,704	sf	\$ 129.00	\$ 219,816	
Storefront Formally punched windows		4,355	sf	\$ 103.00	\$ 448,565	
Storefront w/ School Guard Glass			ea			
Aluminum Door Assemblies Schoolguard (per leaf)		15	ea	\$ 5,231.80	\$ 78,477	
School guard glass adder		1,072	sf	\$ 155.00	\$ 166,160	
Fire Rated Glass adder		290	sf	\$ 155.40	\$ 45,066	
Door Hardware		15	ea	\$ 1,400.00	\$ 21,000	
INTERIOR						
Storefront		1,000	sf	\$ 88.06	\$ 88,060	
Aluminum Door Assemblies (per leaf)		16	ea	\$ 2,877.49	\$ 46,040	
Door Hardware		16	ea	\$ 980.00	\$ 15,680	
MISCELLANEOUS						
Caulking & Backer Rod					w/ Sealants	
TOTAL ENT. & STOREFRONT					\$	1,128,864
08 44 00 - METAL FRAMED CURTAINWALL						
EXTERIOR						
Curtainwall		312	sf	\$ 160.58	\$ 50,101	
Interior Curtianwall		629	sf	\$ 140.00	\$ 88,060	
school guard glass adder			sf			
TOTAL CURTAINWALL					\$	138,161
08 45 00 - TRANSLUCENT WALL PANELS						
Translucent wall panels		1,268	sf	\$ 67.34	\$ 85,387	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024
 Estimate Date: 11/08/2024
 Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
		TOTAL WINDOWS				\$ 85,387
08 50 00 - WINDOWS						
EXTERIOR						
Alum fixed			sf		In storefront	
		TOTAL WINDOWS				\$ -
08 71 00 - DOOR HARDWARE						
EXTERIOR						
Door Hardware - Materials						
Door Hardware		12	lvs	\$ 1,243.20	\$ 14,918	
Door Hardware - Labor						
Door Hardware installation		12	ea	\$ 96.50	\$ 1,158	
INTERIOR						
Door Hardware - Materials						
Door Hardware		198	lvs	\$ 680.13	\$ 134,667	
card readers		1	allow	\$ 10,360.00	\$ 10,360	
Door Hardware - Labor						
Door Hardware installation		198	ea	\$ 96.50	\$ 19,106	
		TOTAL DOOR HARDWARE				\$ 180,209
08 80 00 - GLASS & GLAZING						
MIRRORS						
Frameless Mirrors			sf			
		TOTAL GLASS & GLAZING				\$ -
08 90 00 - LOUVERS & VENTS						
LOUVERS						
Louvers - misc not shown			sf			
		TOTAL LOUVERS				\$ -
09 21 00 - GYPSUM BOARD ASSEMBLIES						
EXTERIOR WALLS						
6 Mtl Stud, 5/8 Gyp, Densglass w/ avb & (rigid carried with Masonry) Includes New Gym Partition		47,339	sf	\$ 18.91	\$ 895,038	
INTERIOR PARTITIONS						
Type F4.0 - 4" Mtl Stud 5/8" Gyp (one sided) acoutical insulation		9,992	sf	\$ 13.47	\$ 134,572	
Type F4.0 A- 4" Mtl Stud 2layer 5/8" Gyp (one sided) acoutical insulation		166	sf	\$ 15.28	\$ 2,537	
Type F6.0 - 6" Mtl Stud 5/8" Gyp (one sided) acoutical insulation		3,869	sf	\$ 15.28	\$ 59,122	
Type F6.0A - 6" Mtl Stud 2layer 5/8" Gyp (one sided) acoutical insulation			sf			
Type F8.0A - 8" Mtl Stud 5/8" Gyp (one sided) acoutical insulation		123	sf	\$ 22.79	\$ 2,803	
Type G4.0B - 4" Mtl Stud, 4 layers 5/8" Gyp (2/2) acoutical insulation		2,224	sf	\$ 21.76	\$ 48,385	
Type F6.0A - 6" Mtl Stud 2 Layers 5/8" Gyp (one sided) acoutical insulation		1,194	sf	\$ 20.72	\$ 24,740	
Type G4.0 - 4" Mtl Stud, 3 layers 5/8" Gyp (2/1) acoutical insulation		1,720	sf	\$ 20.72	\$ 35,638	
Type G4.0A - 4" Mtl Stud, 4 layers 5/8" Gyp (2/2) acoutical insulation		1,707	sf	\$ 15.28	\$ 26,085	
Type G6.0 - 6" Mtl Stud 2 layers 5/8" Gyp (1/1) acoutical insulation		10,887	sf	\$ 22.79	\$ 248,137	
Type G6.0A - 6" Mtl Stud 3 layers 5/8" Gyp (2/1) acoutical insulation		25,629	sf	\$ 24.86	\$ 637,239	
Type G6.0B - 6" Mtl Stud 4 layers 5/8" Gyp (2/2) acoutical insulation		15,493	sf	\$ 27.45	\$ 425,345	
Type G6.1 - 6" Mtl Stud 2 layers 5/8" Type X Gyp (1/1) acoutical insulation 1hr rated		969	sf	\$ 22.79	\$ 22,085	
Type G6.1A - 6" Mtl Stud 4 layers 5/8" Type X Gyp (2/2) acoutical insulation 1hr rated		790	sf	\$ 26.94	\$ 21,279	
Type G8.0 - 8" Mtl Stud 2 layers 5/8" Gyp (1/1) acoutical insulation		850	sf	\$ 25.38	\$ 21,575	
Type G8.0B - 8" Mtl Stud 4 layers 5/8" Gyp (2/2) acoutical insulation		6,153	sf	\$ 25.38	\$ 156,175	
Type G8.1F - 8" Mtl Stud 2 layers 5/8" Type X Gyp (2/0) acoutical insulation 1hr rated		3,178	sf	\$ 22.79	\$ 72,433	
Bulkhead 4'		1,364	sf	\$ 25.90	\$ 35,328	
Bulkhead 6'		2,328	sf	\$ 25.90	\$ 60,295	
Kneewall 4'		120	sf	\$ 13.47	\$ 1,616	
CEILINGS						
Suspended Gypsum Ceilings		5,552	sf	\$ 18.13	\$ 100,658	
Interior Soffits		1,265	sf	\$ 18.65	\$ 23,590	
Exterior Soffits		315	sf	\$ 16.58	\$ 5,221	
Stucco		1,217	sf	\$ 8.29	\$ 10,086	
EQUIPMENT						
Lifts			ls			
MISCELLANEOUS						
FRP		2,394	sf	\$ 8.29	\$ 19,841	
HM Frame Installation		178	ea	\$ 213.42	\$ 37,988	
In-wall Blocking			sf			
Misc. Joint Sealants & Firestopping			lf			
Lifts & Equipment			ls			

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
		TOTAL GYP. BOARD ASSEM.				\$ 3,127,814
09 30 00 - TILE						
FLOOR TILE						
CFT - Ceramic Floor Tile		1,304	sf	\$ 20.72	\$ 27,019	
TILE BASE						
Shulter cove base		1,874	sf	\$ 19.68	\$ 36,888	
schluter		3,230	sf	\$ 12.43	\$ 40,155	
WALL TILE						
CWT-1 - Ceramic Wall Tile		9,512	sf	\$ 25.90	\$ 246,361	
MISCELLANEOUS						
Marble Thresholds		20	lf	\$ 20.72	\$ 414	
Crack Suppression, Waterproofing Membrane		1,304	sf	\$ 3.14	\$ 4,093	
Temporary Floor Protection		1,304	sf	\$ 2.07	\$ 2,702	
Attic Stock (3%)		5%	pct	\$ 170,844.36	\$ 8,542	
Phasing Coordination			ea			
		TOTAL TILE				\$ 366,175
09 51 00 - ACOUSTICAL CEILINGS						
ACOUSTICAL CEILINGS						
ACT-1 - 24" X 24" - ARMSTRONG ULTIMA - CLASSROOM		52,085	sf	\$ 7.75	\$ 403,659	
ACT-2 - CEILING TILE 24" X 24" - ARMSTRONG ULTIMA (SAME AS ACT-1) - CORRIDOR		1,900	sf	\$ 7.75	\$ 14,725	
ACT-3 - ARMSTRONG ULTIMA HIGH NRC - MEDIA CENTER & ADMIN OFFICE		4,041	sf	\$ 9.32	\$ 37,662	
ACT-4 - 24" X 48" - ARMSTRONG KITCHEN ZONE - KITCHEN AREA		1,438	sf	\$ 8.81	\$ 12,669	
ACT-5 - 24" X 24" - ARMSTRONG DUNE - BATHROOM		1,294	sf	\$ 9.32	\$ 12,065	
Custom USG Colortex Felt Blade Suystem		1,714	sf	\$ 20.72	\$ 35,514	
adjust for felt blades						
MISCELLANEOUS						
Attic Stock (5%)		5%	pct	\$ 50,717.50	\$ 2,536	
Phasing Coordination			ls			
		TOTAL ACOUSTICAL CEILING				\$ 518,830
09 64 00 - WOOD FLOORING						
WOOD FLOORING						
Wood Floor at Gymnasium w/ vented base		4,968	sf	\$ 27.97	\$ 138,965	
sleepers and plywood		4,968	sf	\$ 3.11	\$ 15,441	
Temporary Floor Protection		4,968	sf	\$ 1.04	\$ 5,147	
		TOTAL WOOD FLOORING				\$ 159,552
09 61 10 - VAPOR MITIGATION						
TOPICAL MOISTURE MITIGATION						
Moisture Mitigation at Slab on Grade Areas - Top / Skim Slabs		50,294	sf	\$ 5.00	\$ 251,469	
Moisture Mitigation at Slab on Deck Areas - Top / Skim Slabs		26,508	sf	-	not required	
		TOTAL VAPOR MITIGATION				\$ 251,469
09 65 00 - RESILIENT FLOORING						
STAIRS						
RFT-1 Rubber Floor/Treads/Risers		1,778	sf	\$ 12.43	\$ 22,104	
FLOORS						
Sheet Vinyl		1,352	sf	\$ 12.43	\$ 16,808	
Marmoleum Flooring		47,144	sf	\$ 7.25	\$ 341,888	
WaterJet cutouts Allowance		15	ea	\$ 1,036.00	\$ 15,540	
Floor Prep		7,274	sf	\$ 0.78	\$ 5,652	
Temporary Floor Protection		1	allow	\$ 10,360.00	\$ 10,360	
WALL BASE & ACCESSORIES						
Resilient Wall Base		9,452	lf	\$ 3.11	\$ 29,377	
Transition Strips, Thresholds, etc		306	lf	\$ 5.18	\$ 1,585	
metal transition strips		35	lf	\$ 10.36	\$ 363	
MISCELLANEOUS						
Attic Stock		5%	pct	\$ 150,000.00	\$ 7,500	
Phasing Coordination			ls			
		TOTAL RESILIENT FLOORING				\$ 451,177
09 67 00 - RESINOUS FLOORING						
EPOXY RESINOUS FLOORING						
Epoxy Flooring		3,039	sf	\$ 16.58	\$ 50,374	
EB-1 Cove Base		1,056	lf	\$ 15.54	\$ 16,410	
Temp floor protection		3,039	sf	\$ 1.04	\$ 3,148	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

Construction Documents
ESTIMATE DETAIL

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
		TOTAL RESINOUS FLOORING				\$ 69,933
09 68 00 - CARPET						
CARPET						
CPT-1		4,167	sf	\$ 6.73	\$ 28,061	
RC1 & 2		5,873	sf	\$ 7.51	\$ 44,106	
Temp floor protection		10,040	sf	\$ 1.04	\$ 10,442	
Attic Stock		5%	pct	\$ 37,840.87	\$ 1,892	
		TOTAL CARPET				\$ 84,500
09 69 00 - ACCESS FLOORING						
ACCESS FLOORING						
Access Flooring at (room name)			sf			
		TOTAL ACCESS FLOORING				\$ -
09 80 00 - ACOUSTICAL TREATMENT						
ACOUSTICAL WALL PANELS						
FWP - Fabric Wrapped Panels		254	sf	\$ 20.72	\$ 5,263	
WFP - Wood Fiber Acoustical Panel		1,151	sf	\$ 31.08	\$ 35,773	
		TOTAL ACOUSTICAL TREAT.				\$ 41,036
09 91 00 - PAINTING						
Doors & Frames						
HM frame		178	ea	\$ 88.06	\$ 15,675	
HM doors		24	ea	\$ 129.50	\$ 3,108	
Stair Finishes						
Paint Stair & Rails		8	flts	\$ 2,615.90	\$ 20,927	
Wall Finish						
Paint Walls - Gyp -epoxy		110,468	sf	\$ 1.14	\$ 125,934	
Paint Walls - CMU		21,680	sf	\$ 1.30	\$ 28,184	
PRP- Vinyl wall graphic		507	sf	\$ 38.00	\$ 19,266	
VWC- Vinyl wall graphic		3,530	sf	\$ 34.00	\$ 120,020	
Floor Finish						
Sealed Concrete		2,336	sf	\$ 2.86	\$ 6,673	
Ceilings						
Exposed Structure & Deck - Painted		7,464	sf	\$ 2.09	\$ 15,620	
Gypsum Ceilings		5,552	sf	\$ 1.36	\$ 7,552	
Gyp Soffits & Facia		1,265	sf	\$ 1.36	\$ 1,721	
PAINTING - ALL SURFACES (BUILDING AREA)						
MISC.						
Misc.Touch Ups		1	ls	\$ 20,720.00	\$ 20,720	
Phasing Coordination			ls			
		TOTAL PAINTING				\$ 385,399
10 11 00 - VISUAL DISPLAY SURFACES						
TACK BOARDS						
corkboard at corridors classrooms		950	sf	\$ 10.36	\$ 9,842	
Tack Boards 8		3	ea	\$ 777.00	\$ 2,331	
Tack Boards 6		18	ea	\$ 569.80	\$ 10,256	
Tack Boards 4		159	ea	\$ 362.60	\$ 57,653	
MARKER BOARDS						
Marker Board 4'		9	ea	\$ 492.10	\$ 4,429	
Marker Board 12'		1	ea	\$ 1,036.00	\$ 1,036	
Marker Board 8'		21	ea	\$ 777.00	\$ 16,317	
Marker Board 6'		39	ea	\$ 569.80	\$ 22,222	
Marker Board 6' Full Height		12	ea	\$ 1,139.60	\$ 13,675	
Marker Board Full Height 8'		10	ea	\$ 1,761.20	\$ 17,612	
MONITORS						
Monitor brackets for Large TV's (bracket install)		63	ea	\$ 77.70	\$ 4,895	
SMART BOARDS						
Smart Boards 60"			e			
Display Case						
8"6' display case		1	e	\$ 4,144.00	\$ 4,144	
6"6' display case		2	e	\$ 3,108.00	\$ 6,216	
LABOR						
Installation		335	ea	\$ 96.50	\$ 32,326	
		TOTAL VISUAL DISPLAY SURF.				\$ 202,955

10 14 00 - SIGNAGE

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
EXTERIOR						
Building Sign - Dimensional Letter Signage		23	ea	\$ 267.29	\$ 6,148	
Building Sign - Site Signage		30	ea	\$ 155.40	\$ 4,662	
Exterior Window number decal		78	ea	\$ 26.94	\$ 2,101	
Monument		1	ea	\$ 15,540.00	\$ 15,540	
INTERIOR						
Interior rooms		110	ea	\$ 10.36	\$ 1,140	
Dedicated Plaques		2	ea	\$ 3,139.08	\$ 6,278	
Directory		1	ea	\$ 2,615.90	\$ 2,616	
Egress Maps w/ paper insert		47	ea	\$ 155.40	\$ 7,304	
Corridor room ID		110	ea	\$ 129.50	\$ 14,245	
Interior Gym lettering		30	ea	\$ 9.32	\$ 280	
Stair directional		4	ea	\$ 24.61	\$ 98	
HA/Exit sign		8	ea	\$ 12.12	\$ 97	
Typical Fire ADA compliant		8	ea	\$ 58.02	\$ 464	
<u>Sign Installation</u>		1	ea	\$ 18,648.00	\$ 18,648	
			ls			
					TOTAL SIGNAGE	\$ 79,620
10 21 13 - TOILET COMPARTMENTS						
TOILET COMPARTMENTS						
ADA Stalls - Ceiling Mounted		6	ea	\$ 2,072.00	\$ 12,432	
Standard Stalls - Ceiling Mounted		10	ea	\$ 1,554.00	\$ 15,540	
Structural Support of Partitions - See Misc Metals					w/ Misc. Metals	
Urinal Screen		5	ea	\$ 366.23	\$ 1,831	
					TOTAL TOILET COMPARTMENTS	\$ 29,803
10 22 33 - OPERABLE PARTITIONS						
OPERABLE PARTITIONS						
Folding Partition at Gym			sf			
Skyfold Partition			sf			
					TOTAL OPERABLE PARTITIONS	\$ -
10 26 00 - WALL & DOOR PROTECTION						
WALL & DOOR PROTECTION						
Corner Guards		94	ea	\$ 51.80	\$ 4,869	
phenolic reinforced wall panels		505	sf	\$ 77.70	\$ 39,239	
					TOTAL WALL & DOOR PROT.	\$ 44,108
10 28 00 - TOILET ACCESSORIES						
TOILET ACCESSORIES - MATERIALS						
36" grab bar		41	ea	\$ 57.55	\$ 2,360	
42" grab bar		41	ea	\$ 62.78	\$ 2,574	
18" grab bar		41	ea	\$ 52.32	\$ 2,145	
ADA Mirror		36	ea	\$ 78.48	\$ 2,825	
Mirror		8	ea	\$ 78.48	\$ 628	
Toilet tissue dispenser install only			ea			
Paper towel dispenser install only			ea			
Trash Receptacle						
Soap dispenser install only						
Sanitary napkin disposal		9		\$ 31.39	\$ 283	
Mop & Broom Bracket		2		\$ 52.32	\$ 105	
Electric Hand dryer		13		\$ 673.40	\$ 8,754	
Kiddie Mirror			ea			
Coat Hooks			ea			
Privacy Curtain and Track (ea)		70	lf	\$ 51.80	\$ 3,626	
DCSL - Diaper Changing Station - Bobrick-7816 (Supply & Install)		4	ea	\$ 797.72	\$ 3,191	
TOILET ACCESSORIES - LABOR						
Accessories Installation		309	ea	\$ 96.50	\$ 29,817	
					TOTAL TOILET ACCESSORIES	\$ 56,307
10 41 00 - EMRG ACCESS CABINETS						
EMERGENCY ACCESS CABINETS						
Knox Box		2	ea	\$ 784.77	\$ 1,570	
					TOTAL EMERG. ACCESS CABS.	\$ 1,570
10 44 00 - FIRE PROTECTION SPECIALTIES						
FIRE EXTINGUISHERS						

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Fire Extinguishers & Cabinets (ea)		12	ea	\$ 440.30	\$ 5,284	
			ea			
		TOTAL FIRE PROT. SPEC.				\$ 5,284
10 75 00 - Flag Pole						
FLAG POLES						
Ext Flag Poles		1	ea	\$ 7,770.00	\$ 7,770	
Flag mount class room		26	ea	\$ 15.54	\$ 404	
Flag & poles class room		26	ea	\$ 31.08	\$ 808	
installation		26	ea	\$ 51.80	\$ 1,347	
		TOTAL LOAD. DOCK EQUIP.				\$ 10,329
10 13 00 - Lockers						
2Tier Lockers 15x12x60 Type A		205	ea	\$ 425.00	\$ 87,125	
2Tier Lockers 15x15x72 Type B		3	ea	\$ 500.00	\$ 1,500	
Installation		103	hr	\$ 96.50	In above	
		TOTAL LOCKERS				\$ 98,954
11 13 00 - LOADING DOCK EQUIPMENT						
LOADING DOCK						
Bumpers		2	ea	\$ 362.60	\$ 725	
		TOTAL LOAD. DOCK EQUIP.				\$ 725
11 23 26 - COMMERCIAL LAUNDRY EQUIPMENT						
COMMERCIAL LAUNDRY						
Washer-Extractor - Speed Queen SCT040			ea			
Electric Tumbling Dryer - Speed Queen ST050			ea			
		TOTAL COMM. LAUNDRY EQUIP.				\$ -
11 30 00 - RESIDENTIAL APPLIANCES						
RESIDENTIAL APPLIANCES						
Refrigerator - Samsung, model # RS22T5201SR		2	ea	\$ 1,916.60	\$ 3,833	
Microwave- GE model # JES2051DN/SN		4	ea	\$ 181.30	\$ 725	
Dishwasher - Bosch; Model SGE68U55UC		-	ea			
Unloading and setup		2	crd			
		TOTAL RES. APPLIANCES				\$ 4,558
11 40 00 - FOOD SERVICE EQUIPMENT						
FOOD SERVICES EQUIPMENT						
Mop Sink Cabinet w/ Service Faucet		1	ea	\$ -	\$ -	
Walk in cooler		1	ea	\$ -	\$ -	
Walk in freezer		1	ea	\$ -	\$ -	
Cooler remote condensing unit		1	ea	\$ -	\$ -	
Cooler evaporator coil		1	ea	\$ -	\$ -	
Freezer remote condensing unit		1	ea	\$ -	\$ -	
Freezer evaporator coil		1	ea	\$ -	\$ -	
Mobile shelving unit four-tier		9	ea	\$ -	\$ -	
Dunnage rack mobile		2	ea	\$ -	\$ -	
Storage shelving five tier		7	ea	\$ -	\$ -	
Water filter Assembly		5	ea	\$ -	\$ -	
Stainless steel wall flashing		1	ea	\$ -	\$ -	
Six burner range w/ oven		1	ea	\$ -	\$ -	
Double convection oven		1	ea	\$ -	\$ -	
Fire suppression system		1	ea	\$ -	\$ -	
Ventilator demand control system		1	ea	\$ -	\$ -	
Ventilator control interface screen		1	ea	\$ -	\$ -	
Utility distribution system (UDS)		1	ea	\$ -	\$ -	
Exhaust Ventilator		1	ea	\$ -	\$ -	
Pan rack Mobile		2	ea	\$ -	\$ -	
Waste barrel (by Owner)		4	ea	\$ -	\$ -	
Manual can opener		1	ea	\$ -	\$ -	
Wall shelf		1	ea	\$ -	\$ -	
Prep table w/ sink		1	ea	\$ -	\$ -	
Cooks work table		1	ea	\$ -	\$ -	
Food processor		1	ea	\$ -	\$ -	
Accessible prep station w/ sink		1	ea	\$ -	\$ -	
Work mobile table		2	ea	\$ -	\$ -	
Drop cord		4	ea	\$ -	\$ -	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Slicer		1	ea	\$ -	\$ -	-
Mobile Equipment stand		1	ea	\$ -	\$ -	-
Mobile hot food holding cabinet		2	ea	\$ -	\$ -	-
Mobile work table		2	ea	\$ -	\$ -	-
Refrigerator, Pass thru		1	ea	\$ -	\$ -	-
Accessible hand sink		1	ea	\$ -	\$ -	-
Waste bin (by Owner)		1	ea	\$ -	\$ -	-
Utility cart		3	ea	\$ -	\$ -	-
Serving counter		1	ea	\$ -	\$ -	-
Convertible glass food protector w/ warmer		1	ea	\$ -	\$ -	-
Two tier self service glass food protector case		1	ea	\$ -	\$ -	-
Heated back glass surface drop in		1	ea	\$ -	\$ -	-
Heated shelf, two-tier		1	ea	\$ -	\$ -	-
Cold pan, drop in		1	ea	\$ -	\$ -	-
Refrigerator self service air screen display case		1	ea	\$ -	\$ -	-
Cold pan, drop in		1	ea	\$ -	\$ -	-
Serving counter		1	ea	\$ -	\$ -	-
Two tier self service glass food protector case		1	ea	\$ -	\$ -	-
Full service glass food protector case		1	ea	\$ -	\$ -	-
Hot food walls		4	ea	\$ -	\$ -	-
Fill faucet		1	ea	\$ -	\$ -	-
Milk cooler		1	ea	\$ -	\$ -	-
Mobile cash stand		2	ea	\$ -	\$ -	-
Cashier Terminal (by Owner)		2	ea	\$ -	\$ -	-
Novelty ice cream case		1	ea	\$ -	\$ -	-
Mobile condiment counter		1	ea	\$ -	\$ -	-
Traffic stanchion		2	ea	\$ -	\$ -	-
Hand sink		1	ea	\$ -	\$ -	-
Waste bin (by Owner)		2	ea	\$ -	\$ -	-
Three compartment sink		1	ea	\$ -	\$ -	-
Wall shelf		1	ea	\$ -	\$ -	-
Roll down shutter		1	ea	\$ -	\$ -	-
Soild ware table w/ sink pass thru frame		1	ea	\$ -	\$ -	-
Hose Reel Assembly		1	ea	\$ -	\$ -	-
Water Filter		1	ea	\$ -	\$ -	-
Rack conveyyor dishwasher		1	ea	\$ -	\$ -	-
Stainless steel exhaust duct		2	ea	\$ -	\$ -	-
Clean ware roller table		1	ea	\$ -	\$ -	-
Lump Sum		1	ls	\$ -	\$ 635,845	
		TOTAL FOODSERVICE				\$ 635,845
11 52 00 - AUDIO-VISUAL EQUIPMENT						
PROJECTION SCREEN						
Projection Screen - Da-Lite Model 39158L -CAFE/Choral/Learning stair		3	ea	\$ 14,082.35	\$ 42,247	
Projection Screen - Da-Lite Model 37049L GYM		1	ea	\$ 4,554.26	\$ 4,554	
TELEVISIONS						
FP TV			ea	separate contract		
LABOR						
Installation		32	hr	\$ 96.50	\$ 3,088	
		TOTAL AV EQUIPMENT				\$ 49,889
11 66 00 - ATHLETIC EQUIPMENT						
GYM EQUIPMENT						
Volleyball packages w/ Sleeves & Transport System		1	ea			
Basketball Hoops & Motorized foldable		6	ea			
Score Boards						
Score board		2	ea			
Gym Shot Clock		4	ea			
Divider Curtian						
Motorized Gym Curtain Divider		46	lf			
Wall Pads						
6' Wall Pad		1,049	sf			
Lump Sum		1	ls	\$ 153,491.00	\$ 153,491	
Bleachers						
Gym Bleachers - Motorized Telescopic bleachers		67	lf	See Alternate #1		
ADD Alternate #1- Telescopic Bleachers 3 rows			lf	See Alternate #1		
ADD Alternate #1- 4 Xtreme Logos (6 tier only)				See Alternate #1		
ADD Alternate #1- Partial Open Option (6 tier only)				See Alternate #1		
Lump Sum		1	ls	\$ 59,826.93	\$ 59,827	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
		TOTAL ATHLETIC EQUIPMENT				\$ 213,318
11 90 00 - MISC. EQUIPMENT						
MISCELLANEOUS EQUIPMENT						
Kiln		1	ALLW	\$ 6,734.00	\$ 6,734	
		TOTAL MISC. EQUIPMENT				\$ 6,734
12 20 00 - WINDOW TREATMENT						
WINDOW TREATMENT						
Manual Roller Shades		3,723	sf	\$ 10.36	\$ 38,570	
Motorized Roller Shades		576	sf	\$ 25.90	\$ 14,918	
		TOTAL WINDOW TREATMENT				\$ 53,489
12 48 13 - ENTRANCE MATS & FRAMES						
ENTRY MATS						
FGC- Entrance Foot Grilles / in Div 9		334	sf	\$ 18.65	\$ 6,228	
Entrance Mat - Recessed / in Div 9		1,424	sf	\$ 31.08	\$ 44,258	
		TOTAL ENTRY MAT & FRAME				\$ 50,486
12 52 00 - SEATING						
AUDITORIUM SEATING						
Fixed Seating - Auditorium (Lump sum with Gym Equipment)			ea			
End Caps, Aisle Lighting, Misc.			allw			
Fixed Seating - Spectator			ea			
		TOTAL FIXED SEATING				\$ -
13 00 00 - SPECIAL CONSTRUCTION						
SPECIAL CONSTRUCTION						
		TOTAL SPECIAL CONSTRUCTION				\$ -
14 20 00 - ELEVATORS						
ELEVATORS						
Traction Elevator - 3500 lbs		1	ls	\$ 196,840.00	\$ 196,840	
					\$ (10,000)	
		TOTAL ELEVATORS				\$ 186,840
21 00 00 - FIRE PROTECTION						
FIRE PROTECTION GENERAL CONDITIONS						
Hydraulic calculations		1	ls	\$ 4,500.00	\$ 4,500	
Testing & inspection		1	ls	\$ 3,000.00	\$ 3,000	
Drain & fill system		1	ls	\$ 1,850.00	\$ 1,850	
Coordination and management		1	ls	\$ 8,000.00	\$ 8,000	
Permits and fees		1	ls	\$ 6,800.00	\$ 6,800	
Seismic Restraints and Fasteners		1	ls	\$ 7,250.00	\$ 7,250	
Coring & patching / firestopping		1	ls	\$ 3,500.00	\$ 3,500	
Shop Drawings		1	ls	\$ 1,300.00	\$ 1,300	
Record Drawings		1	ls	\$ 4,225.00	\$ 4,225	
FIRE PROTECTION SPRINKLER SYSTEM						
6" Double Check Valve Assembly		1	ea	\$ 12,500.00	\$ 12,500	
Fire Department Connection, 5" Storz		1	ea	\$ 2,400.00	\$ 2,400	
Sprinkler Test & Drain Valve		1	ea	\$ 1,500.00	\$ 1,500	
Alarm Check Valve		2	ea	\$ 5,875.00	\$ 11,750	
Floor Control Valve Assembly		2	ea	\$ 3,100.00	\$ 6,200	
Sprinkler Head, Pendants		750	ea	\$ 110.00	\$ 82,500	
Sprinkler Head, Uprights		19	ea	\$ 100.00	\$ 1,900	
Sprinkler Head, Upright w/ Guards		83	ea	\$ 105.00	\$ 8,715	
Sprinkler Head, Dry Barrel (Cooler)		2	ea	\$ 165.00	\$ 330	
Sprinkler Main Pipe		2,869	lf	\$ 72.00	\$ 206,568	
Sprinkler Branch Piping		5,551	lf	\$ 36.00	\$ 199,836	
		TOTAL FIRE PROTECTION				\$ 574,624
22 00 00 - PLUMBING						
PLUMBING GENERAL CONDITIONS						
Testing & disinfection		1	ls	\$ 16,000.00	\$ 16,000	
Coordination & management		1	ls	\$ 45,000.00	\$ 45,000	
Permits and fees		1	ls	\$ 20,700.00	\$ 20,700	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Seismic restraints / bracing		1	ls	\$ 22,500.00	\$ 22,500	
Coring & patching / firestopping		1	ls	\$ 15,000.00	\$ 15,000	
Hoisting & rigging / floor loading		1	ls	\$ 9,000.00	\$ 9,000	
Shop drawings & submittals		1	ls	\$ 2,500.00	\$ 2,500	
Record drawings / as built		1	ls	\$ 4,000.00	\$ 4,000	
Access panels - furnish only		1	ls	\$ 4,500.00	\$ 4,500	
DOMESTIC WATER PIPING						
4" Domestic water pipe (Type L Cu.)		450	lf	\$ 135.00	\$ 60,750	
2.5" Domestic water pipe (Type L Cu.)		360	lf	\$ 90.00	\$ 32,400	
2" & Below Domestic water pipe (Type L Cu.)		7,161	lf	\$ 45.00	\$ 322,245	
Fixture Rough-in		170	ea	\$ 300.00	\$ 51,000	
Pipe insulation		8,141	lf	\$ 13.00	\$ 105,833	
Trap Primers		6	ea	\$ 775.00	\$ 4,650	
Misc. valves, tags and fittings		1	ls	\$ 61,350.00	\$ 61,350	
SANITARY WASTE & VENT PIPE (UNDERGROUND)			lf			
Sanitary Waste & Vent Pipe, SV Cast Iron			lf	\$ 55.00		
6" Sanitary Waste & Vent Pipe, SV Cast Iron		120	lf	\$ 75.00	\$ 9,000	
4" Sanitary Waste & Vent Pipe, SV Cast Iron		1,445	lf	\$ 65.00	\$ 93,912	
3" Sanitary Waste & Vent Pipe, SV Cast Iron		1,026	lf	\$ 60.00	\$ 61,551	
2" Sanitary Waste & Vent Pipe, SV Cast Iron		265	lf	\$ 55.00	\$ 14,578	
SANITARY WASTE & VENT PIPE (ABOVE GROUND)			lf			
Sanitary Waste & Vent Pipe, No-Hub Cast Iron		3,908	lf	\$ 70.00	\$ 273,560	
Fixture Rough In		145	lf	\$ 300.00	\$ 43,500	
FD-1, FD-3, Floor Drains		15	lf	\$ 850.00	\$ 12,750	
FS-1, Floor Sinks		12	lf	\$ 1,125.00	\$ 13,500	
KITCHEN WASTE & VENT (ABOVE GROUND)			ls			
Sanitary Waste & Vent Pipe, No-Hub Cast Iron		280	lf	\$ 65.00	\$ 18,200	
STORM DRAINAGE SYSTEM (UNDERGROUND)			ls			
Storm Pipe, SV Cast Iron				\$ 125.00		
8" Storm Pipe, SV Cast Iron		150	lf	\$ 105.00	\$ 15,750	
6" Storm Pipe, SV Cast Iron		300	lf	\$ 75.00	\$ 22,500	
4" Storm Pipe, SV Cast Iron		1,000	lf	\$ 65.00	\$ 65,000	
STORM DRAINAGE SYSTEM (ABOVE GROUND)			lf			
6" Storm Pipe, No-Hub Cast Iron		320	lf	\$ 90.00	\$ 28,800	
4" Storm Pipe, No-Hub Cast Iron		1,380	lf	\$ 75.00	\$ 103,500	
RD-1 - Roof Drain		34	ea	\$ 1,281.50	\$ 43,571	
P-3 Condensate Connection to Storm		15	ea	\$ 750.00	\$ 11,250	
Pipe Insulation, Horizontal Storm Only		960	lf	\$ 20.00	\$ 19,200	
GAS PIPING			lf			
Natural Gas Pipe (Sched 40 Black Steel)		250	lf	\$ 65.00	\$ 16,250	
Valves, Tags & Fittings		1	ls	\$ 3,025.00	\$ 3,025	
Gas Emergency Solenoid Valves		2	ea	\$ 975.00	\$ 1,950	
Gas Pressure Regulators		3	ea	\$ 750.00	\$ 2,250	
Gas Ansul System Valves		1	ea	\$ 1,250.00	\$ 1,250	
Gas Meter Assembly (Connection Only)		1	ea	\$ 2,500.00	\$ 2,500	
Gas Connections to Mechanical Equipment		4	ea	\$ 1,500.00	\$ 6,000	
Gas Connections to Kitchen Equipment		4	ea	\$ 1,300.00	\$ 5,200	
PLUMBING EQUIPMENT			ea			
WH-1 - Gas Fired Water Heaters - Condensing (399 MBH, 130 Gallon)		1	ea	\$ 45,000.00	\$ 45,000	
TMV-1 - Master Digital Thermostatic Mixing Valve		1	ea	\$ 13,500.00	\$ 13,500	
RP-1 - Hot Water Recirc Pump		1	ea	\$ 5,775.00	\$ 5,775	
EXP-1 - Expansion Tank		1	ea	\$ 2,175.00	\$ 2,175	
BFP-1 - 4" Backflow Preventer		1	ea	\$ 5,875.00	\$ 5,875	
BFP-2 - 3/4" Backflow Preventer		3	ea	\$ 1,200.00	\$ 3,600	
SP-1 - Submersible Pump, Elevator		1	ea	\$ 6,800.00	\$ 6,800	
GI-1 - Grease Interceptor, Interior		1	ea	\$ 4,500.00	\$ 4,500	
GI-1 - Grease Interceptor, Exterior (by others)			ea			
Washing Machine Valve Box		3	ea	\$ 400.00	\$ 1,200	
Radon Piping and Equipment		1	allow	\$ 49,500.00	\$ 49,500	
KITCHEN PLUMBING CONNECTIONS			ea			
Rough-in & Connection to Kitchen Equipment & Fixtures		1	ls	\$ 40,000.00	\$ 40,000	
PLUMBING FIXTURES			lf			
W-1, 2 - Water Closet - Wall Hung, ADA, Manual flush valve		15	ea	\$ 2,100.00	\$ 31,500	
W-3,4 - Child Water Closet - Floor Mount, Wall box flush valve		12	ea	\$ 2,275.00	\$ 27,300	
W-5 - Water Closet - Wall Hung, Wall box flush valve		13	ea	\$ 2,275.00	\$ 29,575	
U-2 - ADA Urinal - Wall Hung		4	ea	\$ 2,150.00	\$ 8,600	
S-X - Counter Mounted w/ TV-2 (Sink by Others per Schedule)		60	ea	\$ 1,000.00	\$ 60,000	
S-X - Art Room Sink with (PT) Plaster Trap (Sink by Others per Schedule)		3	ea	\$ 1,250.00	\$ 3,750	
MB-1 - Mop Sink w/ Integral Drain, Eye Wash, w/ mounting bracket & Thermal Mixing valve		2	ea	\$ 2,495.00	\$ 4,990	
L-1 - Lavatory - Wall Hung		28	ea	\$ 1,850.00	\$ 51,800	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE TOTAL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
L-2 - Lavatory - 2 Station, Bradley		2	ea	\$ 4,500.00	\$ 9,000	
EWC-1 - Electric Water Cooler		6	ea	\$ 4,250.00	\$ 25,500	
HB-1 - Hose Bibb		8	ea	\$ 475.00	\$ 3,800	
WH-1 - Freeze Proof Wall Hydrant w/ SS Hinged Lockable Cover		14	ea	\$ 785.00	\$ 10,990	
RHYD-1 - Freeze Proof Roof Hydrant		3	ea	\$ 1,650.00	\$ 4,950	
reconciliation adjustment						
					TOTAL PLUMBING	\$ 2,115,655
23 00 00 - HVAC						
HVAC GENERAL REQUIREMENTS						
Commissioning Support	1	ls	\$ 80,000.00	\$ 80,000		
Coordination & management	1	ls	\$ 140,000.00	\$ 140,000		
Permits and fees	1	ls	\$ 35,000.00	\$ 35,000		
Rigging / Floor Loading	1	ls	\$ 60,000.00	\$ 60,000		
Coring & patching / firestopping	1	ls	\$ 15,000.00	\$ 15,000		
Shop drawings & submittals	1	ls	\$ 15,000.00	\$ 15,000		
Record drawings / as built	1	ls	\$ 30,000.00	\$ 30,000		
Equipment start up and inspection	1	ls	\$ 15,000.00	\$ 15,000		
Access panels - furnish only	1	ls	\$ 5,000.00	\$ 5,000		
TESTING & BALANCING						
Testing & balancing (Water / Air)	80,841	sf	\$ 1.25	\$ 101,051		
INSULATION						
Insulation - Duct	33,800	sf	\$ 5.50	\$ 185,900		
Insulation - Pipe	46,374	lf	\$ 13.00	\$ 602,862		
AUTOMATIC TEMPERATURE CONTROLS FOR HVAC						
Building Management System	80,841	sf	\$ 7.77	\$ 628,135		
REFRIGERANT PIPING						
Refrigerant Piping (Copper ACR Tubing)	12,510	lf	\$ 45.00	\$ 562,950		
HYDRONIC PIPING						
4"-3" Heating Water Pipe (Schedule 40 Black Steel)	1,568	lf	\$ 75.00	\$ 117,574		
2.5" Heating Water Pipe (Schedule 40 Black Steel)	401	lf	\$ 65.00	\$ 26,072		
2" & Below, Heating Water Pipe (Type L Copper)	6,875	lf	\$ 55.00	\$ 378,147		
Condensate Pipe (Type L Copper)	2,875	lf	\$ 38.00	\$ 109,250		
Valves, Tags, & Fittings	1	ls	\$ 50,400.00	\$ 50,400		
HVAC AIR DISTRIBUTION						
Ductwork - Galvanized	52,000	lbs	\$ 18.00	\$ 936,000		
Welded black steel (grease exhaust)	2,500	lbs	\$ 36.00	\$ 90,000		
RGD's	440	ea	\$ 250.00	\$ 110,000		
Sound Attenuators	12	ea	\$ 3,500.00	\$ 42,000		
Misc. Ductwork Accessories	80,841	sf	\$ 0.75	\$ 60,631		
EXHAUST FANS						
EF-1 - Kitchen Hood Grease Exhaust Fan 5,160 cfm)	1	ea	\$ 15,480.00	\$ 15,480		
EF-2 - Roof Mounted EF (425 cfm)	1	ea	\$ 1,275.00	\$ 1,275		
EF-3 - Inline EF (150 cfm)	1	ea	\$ 750.00	\$ 750		
EF-4 - Roof mounted EF (600 cfm)	1	ea	\$ 1,800.00	\$ 1,800		
TF-1 - Inline EF (775 cfm)	1	ea	\$ 2,325.00	\$ 2,325		
CENTRAL HEATING EQUIPMENT						
B-1 thru 3 - Gas Fired Condensing Boiler (1,500 MBH)	1	ea	\$ 50,000.00	\$ 50,000		
8" Boiler Flue & Combustion Pipe (SS Double Wall)	160	lf	\$ 265.00	\$ 42,400		
Boiler Condensate Neutralizer Kit	1	ea	\$ 1,500.00	\$ 1,500		
ET-1, ET-2, - Expansion Tank	2	ea	\$ 4,875.00	\$ 9,750		
AS-1 - Air Separator	1	ea	\$ 5,500.00	\$ 5,500		
Glycol Feed System	1	ea	\$ 11,000.00	\$ 11,000		
BF-1, Pot Feeder Assembly	1	ea	\$ 5,500.00	\$ 5,500		
P-1 thru 3 - HW In-Line Circulation Boiler Pump	3	ea	\$ 4,500.00	\$ 13,500		
P-4 & 5 - HW Base-Mounted Circulation Pump	2	ea	\$ 15,000.00	\$ 30,000		
P-4 & 5 - Variable Frequency Drive	3	ea	\$ 5,000.00	\$ 15,000		
CENTRAL COOLING EQUIPMENT						
VRF Air-Cooled Condensing Unit	116	tons	\$ 3,200.00	\$ 371,200		
VRF Indoor Fan Coil Unit	60	ea	\$ 3,500.00	\$ 210,000		
VRF Indoor Ceiling Cassette Unit	23	ea	\$ 2,800.00	\$ 64,400		
Branch Controller	17	ea	\$ 5,200.00	\$ 88,400		
CENTRAL AIR HANDLING EQUIPMENT						
RTU-1 & 2 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,500 cfm (Gym)	2	ea	\$ 137,500.00	\$ 275,000		
RTU-3 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 6,500 cfm (Cafeteria)	1	ea	\$ 162,500.00	\$ 162,500		
DOAS-1 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 6,500 cfm	1	ea	\$ 162,500.00	\$ 162,500		
DOAS-2 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 3,300 cfm	1	ea	\$ 108,750.00	\$ 108,750		
DOAS-3 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 3,500 cfm	1	ea	\$ 94,000.00	\$ 94,000		
DOAS-4 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 3,600 cfm	1	ea	\$ 90,000.00	\$ 90,000		
ERV-1, Energy Recovery Ventilation Unit, based on Daikin, 600 cfm	1	ea	\$ 60,000.00	\$ 60,000		
MAU-1 Kitchen makeup air unit with HW Heating 5,500 cfm	1	ea	\$ 13,800.00	\$ 13,800		
Roof Curbs & Dunnage	8	ea	\$ 6,000.00	\$ 48,000		

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
HVAC TERMINAL EQUIPMENT						
AC-1,2,3,4,5,7 - Ductless Split AC Indoor Unit (18 MBH / 1.5 Ton)		6	ea	\$ 3,500.00	\$ 21,000	
CU-1,2,3,4,5,7 - Ductless Split AC Condensing Unit (18 MBH / 1.5 Ton)		6	ea	\$ 6,200.00	\$ 37,200	
AC-6,8 - Ductless Split AC Indoor Unit (24 MBH / 2 Ton)		2	ea	\$ 3,700.00	\$ 7,400	
CU-6,8 - Ductless Split AC Condensing Unit (24 MBH / 2 Ton)		2	ea	\$ 6,800.00	\$ 13,600	
CUH-1 (HW Cabinet Unit Heater)		12	ea	\$ 1,800.00	\$ 21,600	
UH-A (HW Unit Heater)		1	ea	\$ 1,400.00	\$ 1,400	
EUH (Electric Unit Heater)		4	ea	\$ 1,400.00	\$ 5,600	
RCP - Radiant Ceiling Panel, 24" wide		1,400	lf	\$ 140.00	\$ 196,000	
FT-1 - Finned Tube Radiation		23	lf	\$ 125.00	\$ 2,875	
reconciliation adjustment ductwork						
reconciliation adjustment						
					TOTAL HVAC	\$ 6,656,976
26 00 00 - ELECTRICAL						
26 00 00 - ELECTRICAL						
ELECTRICAL GENERAL REQUIREMENTS						
Coordination support		1	ls	\$ 90,000.00	\$ 90,000	
Permits and fees		1	ls	\$ 45,000.00	\$ 45,000	
Commissioning support		1	ls	\$ 75,000.00	\$ 75,000	
Temp Power Connections		1	allow	\$ 100,000.00	\$ 100,000	
Temporary power and lighting,		80,841	sf	\$ 1.00	\$ 80,841	
SERVICE AND DISTRIBUTION (NORMAL POWER)						
Meter socket		1	ea	\$ 800.00	\$ 800	
Power monitoring		1	ea	\$ 24,000.00	\$ 24,000	
Exterior EV NEMA 3R panelboard		1	ea	\$ 15,000.00	\$ 15,000	
2500A 120/208V main switchboard		1	ea	\$ 110,000.00	\$ 110,000	
1200A 120/208V distribution panelboard		1	ea	\$ 45,000.00	\$ 45,000	
800A 120/208V distribution panelboard		1	ea	\$ 25,000.00	\$ 25,000	
600A 120/208V double tub panelboard		1	ea	\$ 22,000.00	\$ 22,000	
225A 120/208V distribution panelboard			ea	\$ 5,500.00		
300A 120/208V double tub panelboard		1	ea	\$ 6,500.00	\$ 6,500	
225A 120/208V double tub panelboard		2	ea	\$ 6,000.00	\$ 12,000	
225A 120/208V panelboard		3	ea	\$ 2,100.00	\$ 6,300	
100A 120/208V panelboard		3	ea	\$ 2,100.00	\$ 6,300	
60A 120/208V panelboard		3	ea	\$ 1,800.00	\$ 5,400	
1200A feed		40	lf	\$ 635.00	\$ 25,400	
800A feed		35	lf	\$ 418.00	\$ 14,630	
600A feed		370	lf	\$ 296.00	\$ 109,520	
300A feed under slab		75	lf	\$ 120.00	\$ 9,000	
225A feed		435	lf	\$ 92.00	\$ 40,020	
225A feed under slab		950	lf	\$ 85.00	\$ 80,750	
100A feed		15	lf	\$ 44.00	\$ 660	
60A feed		360	lf	\$ 31.00	\$ 11,160	
60A feed under slab		480	lf	\$ 28.00	\$ 13,440	
SERVICE AND DISTRIBUTION (GENERATOR)						
HO PENN quotation		1	ea	\$ 177,009.00	\$ 177,009	
300KW diesel fueled generator set in weatherproof enclosure labor to install		1	ea	\$ 13,500.00	\$ 13,500	
800A 3 pole automatic transfer switch labor to install		1	ea	\$ 15,600.00	\$ 15,600	
100A 3 pole automatic transfer switch labor to install		1	ea	\$ 4,200.00	\$ 4,200	
800A 120/208V distribution panelboard		1	ea	\$ 25,000.00	\$ 25,000	
225A 120/208V panelboard		4	ea	\$ 3,000.00	\$ 12,000	
100A 120/208V panelboard		3	ea	\$ 1,200.00	\$ 3,600	
50A 120/208V panelboard		3	ea	\$ 800.00	\$ 2,400	
800A feed		40	lf	\$ 418.00	\$ 16,720	
225A feed		475	lf	\$ 92.00	\$ 43,700	
225A feed under slab		680	lf	\$ 85.00	\$ 57,800	
100A feed		70	lf	\$ 44.00	\$ 3,080	
50A feed under slab		470	lf	\$ 25.00	\$ 11,750	
50A feed MI		430	lf	\$ 31.00	\$ 13,330	
UPS						
No work this section						
GROUNDING SYSTEM						
Building / Equipment Grounding System		80,841	sf	\$ 0.50	\$ 40,421	
UL lightning protection system		80,841	sf	\$ 0.60	\$ 48,505	
EQUIPMENT CONNECTIONS						
WH-1 - Gas Fired Water Heaters - Condensing (399 MBH, 130 Gallon) feed and connection		2	ea	\$ 500.00	\$ 1,000	
RP-1 - Hot Water Recirc Pump) feed and connection		1	ea	\$ 400.00	\$ 400	
SP-1 - Submersible Pump, Elevator) feed and connection feed and connection		1	ea	\$ 1,200.00	\$ 1,200	
EF-1 - Kitchen Hood Grease Exhaust Fan (6,000 cfm) feed and connection		1	ea	\$ 4,000.00	\$ 4,000	
EF - Roof mounted EF (635 cfm) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	
EF - Roof mounted EF (300 cfm) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
EF - Roof mounted EF (150 cfm) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	
EF - Inline EF (775 cfm) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	
EF - Inline EF (300 cfm) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	
HVLS - High Volume Low Velocity (Gym) feed and connection		4	ea	\$ 750.00	\$ 3,000	
B-1 thru 3 - Gas Fired Condensing Boiler (1,500 MBH) feed and connection		3	ea	\$ 1,500.00	\$ 4,500	
P-1 thru 3 - HW In-Line Circulation Boiler Pump feed and connection		3	ea	\$ 2,500.00	\$ 7,500	
P-4 & 5 - HW Base-Mounted Circulation Pump feed and connection		2	ea	\$ 2,000.00	\$ 4,000	
VRF Air-Cooled Condensing Unit feed and connection		1	ea	\$ 12,000.00	\$ 12,000	
VRF Indoor Fan Coil Unit feed and connection		93	ea	\$ 250.00	\$ 23,250	
Branch Controller feed and connection		16	ea	\$ 250.00	\$ 4,000	
RTU-1 & 2 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,500 cfm (Gym) feed and connection		2	ea	\$ 4,000.00	\$ 8,000	
RTU-3 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 6,500 cfm (Cafeteria) feed and connection		1	ea	\$ 4,000.00	\$ 4,000	
DOAS-1 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 2,500 cfm feed and connection		1	ea	\$ 2,000.00	\$ 2,000	
DOAS-2 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,250 cfm feed and connection		1	ea	\$ 4,000.00	\$ 4,000	
DOAS-3 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 4,400 cfm feed and connection		1	ea	\$ 3,500.00	\$ 3,500	
DOAS-4 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,500 cfm feed and connection		1	ea	\$ 4,000.00	\$ 4,000	
MAU-1 Kitchen makeup air unit with HW Heating 5,500 cfm feed and connection		1	ea	\$ 4,000.00	\$ 4,000	
AC-1 - Ductless Split AC Indoor Unit (12 MBH / 1 Ton) feed and connection		1	ea	\$ 250.00	\$ 250	
CU-1 - Ductless Split AC Condensing Unit (12 MBH / 1 Ton) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	
AC-1 - Ductless Split AC Indoor Unit (24 MBH / 2 Ton) feed and connection		1	ea	\$ 250.00	\$ 250	
CU-1 - Ductless Split AC Condensing Unit (24 MBH / 2 Ton) feed and connection		1	ea	\$ 1,100.00	\$ 1,100	
CUH-1 (HW Cabinet Unit Heater) feed and connection		9	ea	\$ 750.00	\$ 6,750	
UH-1 (HW Unit Heater) feed and connection		6	ea	\$ 750.00	\$ 4,500	
ARC-A Hydronic Air Curtain 2500 cfm feed and connection		1	ea	\$ 1,200.00	\$ 1,200	
Equipment wiring allowance		80,841	sf	\$ 0.50	\$ 40,421	
FOOD SERVICE EQUIPMENT CONNECTIONS						
Kitchen equipment wiring allowance		1	ls	\$ 20,000.00	\$ 20,000	
LIGHTING CONTROLS						
Networked lighting controls						
<u>Labor to install below</u>						
Lighting Affiliates Quote (fixtures & control) included below w/lighting quote						
Room controller		105	ea	\$ 150.00	\$ 15,750	
LK1 - Lighting control keypad		40	ea	\$ 75.00	\$ 3,000	
LK2 - Lighting control keypad		40	ea	\$ 75.00	\$ 3,000	
VS - Ceiling mounted vacancy sensor		35	ea	\$ 75.00	\$ 2,625	
PC - Ceiling mounted photo sensor		35	ea	\$ 75.00	\$ 2,625	
Device box		260	ea	\$ 32.00	\$ 8,320	
3/4" EMT		2,700	lf	\$ 11.00	\$ 29,700	
#12 THHN		12,150	lf	\$ 1.10	\$ 13,365	
12/2 MC		2,700	lf	\$ 6.00	\$ 16,200	
Low voltage circuitry		5,000	lf	\$ 2.30	\$ 11,500	
INTERIOR LIGHTING / BRANCH WIRING						
Lighting Affiliates Quote (fixtures & control)		1	ls	\$ 1,389,957.00	\$ 1,389,957	
lighting adjustment		-	ls	\$ 60,000.00	\$ -	
<u>Labor to install below</u>						
Type A linear pendant		3,630	lf	\$ 25.00	\$ 90,750	
Type AD linear pendant		300	lf	\$ 25.00	\$ 7,500	
Type AR linear recessed fixture		35	lf	\$ 25.00	\$ 875	
Type B2L 2x2		165	ea	\$ 150.00	\$ 24,750	
Type B2H 2x2		126	ea	\$ 150.00	\$ 18,900	
Type D4L 4" downlight		105	ea	\$ 150.00	\$ 15,750	
Type D4 4" downlight		52	ea	\$ 150.00	\$ 7,800	
Type D4S 4" downlight exterior		14	ea	\$ 150.00	\$ 2,100	
Type F recessed 2x4 flat panel		19	ea	\$ 150.00	\$ 2,850	
Type G pendant high bay fixture		20	ea	\$ 225.00	\$ 4,500	
Type H linear cove fixture		120	lf	\$ 25.00	\$ 3,000	
Type J wall mount vanity fixture		100	lf	\$ 25.00	\$ 2,500	
Type decorative dining fixture		70	lf	\$ 25.00	\$ 1,750	
Type P3 pendant mount ring fixture		2	ea	\$ 150.00	\$ 300	
Type P4 pendant mount ring fixture		1	ea	\$ 150.00	\$ 150	
Type P5 pendant mount ring fixture		1	ea	\$ 225.00	\$ 225	
Type P6 pendant mount ring fixture		1	ea	\$ 300.00	\$ 300	
Type U 4' strip fixture		40	ea	\$ 75.00	\$ 3,000	
Type WM 4' stairwell		24	ea	\$ 150.00	\$ 3,600	
Type SW1 wall pack		10	ea	\$ 150.00	\$ 1,500	
Device box		1,290	ea	\$ 32.00	\$ 41,280	
3/4" EMT		12,250	lf	\$ 11.00	\$ 134,750	
#12 THHN		55,125	lf	\$ 1.10	\$ 60,638	
12/2 MC		12,250	lf	\$ 6.00	\$ 73,500	
BRANCH POWER						

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Duplex receptacle		200	ea	\$ 30.00	\$ 6,000	
Duplex receptacle 1/2 switched		203	ea	\$ 30.00	\$ 6,090	
Double duplex receptacle		4	ea	\$ 79.00	\$ 316	
Double duplex receptacle 1/2 switched		83	ea	\$ 79.00	\$ 6,557	
GFI duplex receptacle		41	ea	\$ 45.00	\$ 1,845	
GFI duplex receptacle switched		126	ea	\$ 45.00	\$ 5,670	
GFI double duplex receptacle switched		47	ea	\$ 80.00	\$ 3,760	
Special purpose outlet		85	ea	\$ 82.00	\$ 6,970	
PL - plug load controller		125	ea	\$ 350.00	\$ 43,750	
Floor box		2	ea	\$ 300.00	\$ 600	
Device plate		160	ea	\$ 5.60	\$ 896	
Device box		160	ea	\$ 32.00	\$ 5,120	
3/4" EMT		9,711	lf	\$ 11.00	\$ 106,824	
#12 THHN		43,701	lf	\$ 1.10	\$ 48,071	
12/2 MC		9,711	lf	\$ 6.50	\$ 63,123	
TELECOMMUNICATIONS						
Telecommunication Infrastructure						
MDF/IDF fit-out		1	ls	\$ 25,000.00	\$ 25,000	
Device box with conduit to accessible ceiling		283	ea	\$ 175.00	\$ 49,525	
Horizontal cabling support system		1	ls	\$ 50,000.00	\$ 50,000	
Rough-in not yet shown		80,841	sf	\$ 0.60	\$ 48,505	
AUDIO VISUAL						
Audio Visual Infrastructure						
Audiovisual rough-in and power connections		80,841	sf	\$ 1.00	\$ 80,841	
P/A SYSTEM						
PA/master clock system						
Head-end		1	ls	\$ 7,500.00	\$ 7,500	
Speaker		121	ea	\$ 500.00	\$ 60,500	
Horn speaker		16	ea	\$ 600.00	\$ 9,600	
Device box w/conduit to accessible ceiling		137	ea	\$ 150.00	\$ 20,550	
Circuitry		14,000	lf	\$ 2.30	\$ 32,200	
PA/master clock system		80,841	sf	\$ 0.20	\$ 16,168	
PHOTOVOLTAIC SYSTEM						
PV Rough-In		1	ls	\$ 15,000.00	\$ 15,000	
ELECTRICAL GENERAL REQUIREMENTS						
Coordination support			ls			
Permits and fees			ls			
Commissioning support			ls			
Temporary power and lighting,			ls			
SERVICE AND DISTRIBUTION (NORMAL POWER)						
Meter socket			ls			
Power monitoring			ls			
Exterior EV NEMA 3R panelboard			ls			
2500A 120/208V main switchboard			ls			
1200A 120/208V distribution panelboard			ls			
800A 120/208V distribution panelboard			ls			
225A 120/208V distribution panelboard			sf			
300A 120/208V double tub panelboard						
225A 120/208V double tub panelboard			sf			
225A 120/208V panelboard						
100A 120/208V panelboard			ea			
60A 120/208V panelboard			ea			
1200A feed			ea			
800A feed			ea			
600A feed			ea			
300A feed underslab			ea			
225A feed			ea			
225A feed underslab			allow			
100A feed						
60A feed			ea			
60A feed underslab			ea			
SERVICE AND DISTRIBUTION (GENERATOR)						
HO PENN quotation			ea			
300KW diesel fueled generator set in weatherproof enclosure labor to install			ea			
800A 3 pole automatic transfer switch labor to install						
100A 3 pole automatic transfer switch labor to install			ea			
800A 120/208V distribution panelboard			a			
225A 120/208V panelboard						
100A 120/208V panelboard			lf			
50A 120/208V panelboard			lf			
800A feed						

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents			80,841 sf
DESCRIPTIONS	Qty	Unit	Unit Price	Subtotal	Total
225A feed		ls			
225A feed underslab		ls			
100A feed		ls			
50A feed underslab		ls			
50A feed MI		ls			
UPS		ls			
No work this section		ls			
GROUNDING SYSTEM		ls			
Building / Equipment Grounding System		ls			
UL lightning protection system		ls			
EQUIPMENT CONNECTIONS		ls			
WH-1 - Gas Fired Water Heaters - Condensing (399 MBH, 130 Gallon) feed and connection		sf			
RP-1 - Hot Water Recirc Pump) feed and connection					
SP-1 - Submersible Pump, Elevator) feed and connection feed and connection		sf			
EF-1 - Kitchen Hood Grease Exhaust Fan (6,000 cfm) feed and connection					
EF - Roof mounted EF (635 cfm) feed and connection		ea			
EF - Roof mounted EF (300 cfm) feed and connection		ea			
EF - Roof mounted EF (150 cfm) feed and connection		ea			
EF - Inline EF (775 cfm) feed and connection		ea			
EF - Inline EF (300 cfm) feed and connection		ea			
HVLS - High Volume Low Velocity (Gym) feed and connection		ea			
B-1 thru 3 - Gas Fired Condensing Boiler (1,500 MBH) feed and connection		ea			
P-1 thru 3 - HW In-Line Circulation Boiler Pump feed and connection		allow			
P-4 & 5 - HW Base-Mounted Circulation Pump feed and connection					
VRF Air-Cooled Condensing Unit feed and connection		ea			
VRF Indoor Fan Coil Unit feed and connection		ea			
Branch Controller feed and connection		ea			
DOAS-1 & 2 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,500 cfm (Gym) feed and connection		ea			
DOAS-3 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,500 cfm (Cafeteria) feed and connection		ea			
DOAS-1 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 2,500 cfm feed and connection					
DOAS-2 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,250 cfm feed and connection		ea			
DOAS-3 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 4,400 cfm feed and connection		a			
DOAS-4 DX Cooling w/ Hot Gas Reheat / HW Heating / ERW 5,500 cfm feed and connection					
MAU-1 Kitchen makeup air unit with HW Heating 5,500 cfm feed and connection		lf			
AC-1 - Ductless Split AC Indoor Unit (12 MBH / 1 Ton) feed and connection		lf			
CU-1 - Ductless Split AC Condensing Unit (12 MBH / 1 Ton) feed and connection		lf			
AC-1 - Ductless Split AC Indoor Unit (24 MBH / 2 Ton) feed and connection		lf			
CU-1 - Ductless Split AC Condensing Unit (24 MBH / 2 Ton) feed and connection		lf			
CUH-1 (HW Cabinet Unit Heater) feed and connection		lf			
UH-1 (HW Unit Heater) feed and connection		lf			
ARC-A Hydronic Air Curtain 2500 cfm feed and connection					
Equipment wiring allowance		ea			
FOOD SERVICE EQUIPMENT CONNECTIONS		a			
Kitchen equipment wiring allowance					
LIGHTING CONTROLS		sf			
Networked lighting controls					
<u>Labor to install below</u>		ea			
Lighting Affiliates Quote (fixtures & control) included below w/lighting quote		ea			
Room controller		ea			
LK1 - Lighting control keypad		ea			
LK2 - Lighting control keypad		ea			
VS - Ceiling mounted vacancy sensor		ea			
PC - Ceiling mounted photo sensor		ea			
Device box		ea			
3/4" EMT		ea			
#12 THHN		ea			
12/2 MC		ea			
Low voltage circuitry		ea			
INTERIOR LIGHTING / BRANCH WIRING		ea			
Lighting Affiliates Quote (fixtures & control)		ea			
<u>lighting adjustment</u>		ea			
<u>Labor to install below</u>		ea			
Type A linear pendant		ea			
Type AD linear pendant		ea			
Type AR linear recessed fixture		ea			
Type B2L 2x2		ea			
Type B2H 2x2		ea			
Type D4L 4" downlight		ea			
Type D4 4" downlight		ea			
Type D4S 4" downlight exterior		ea			
Type F recessed 2x4 flat panel		ea			

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Type G pendant high bay fixture			ea			
Type H linear cove fixture			ea			
Type J wall mount vanity fixture			ea			
Type decorative dining fixture			ea			
Type P3 pendant mount ring fixture			ea			
Type P4 pendant mount ring fixture			ea			
Type P5 pendant mount ring fixture			ea			
Type P6 pendant mount ring fixture			ea			
Type P8 pendant mount ring fixture			ea			
Type U 4' strip fixture			ea			
Type WM 4' stairwell			ea			
Type SW1 wallpack			ea			
Device box			ea			
3/4" EMT			ea			
#12 THHN			ea			
12/2 MC			ea			
BRANCH POWER			ea			
Duplex receptacle			ea			
Duplex receptacle 1/2 switched			ea			
Double duplex receptacle			ea			
Double duplex receptacle 1/2 switched			ea			
GFI duplex receptacle			ea			
GFI duplex receptacle switched			ea			
GFI double duplex receptacle switched			ls			
Special purpose outlet			ea			
PL - plug load controller			ea			
Floor box			ea			
Device plate			ea			
Device box			ea			
3/4" EMT			ea			
#12 THHN			ea			
12/2 MC			ea			
TELECOMMUNICATIONS			ea			
Telecommunication Infrastructure			ea			
MDF/IDF fit-out			ea			
Device box with conduit to accessible ceiling			ea			
Horizontal cabling support system			ls			
Rough-in not yet shown			ea			
AUDIO VISUAL			ea			
Audio Visual Infrastructure			ea			
Audiovisual rough-in and power connections			ea			
P/A SYSTEM			ea			
PA/master clock system			ea			
Head-end			ea			
Speaker						
Horn speaker			ea			
Device box w/conduit to accessible ceiling			ea			
Circuitry			ea			
PA/master clock system			ea			
PHOTOVOLTAIC SYSTEM			ls			
PV Rough-In			ea			
				TOTAL ELECTRICAL	\$	4,357,045

27 10 00 - COMMUNICATIONS SYSTEMS
TELECOMMUNICATIONS
Devices and cabling

Telephone device	1	ea	\$	50.00	\$	50
Data device	175	ea	\$	50.00	\$	8,750
Tele/data device	86	ea	\$	115.00	\$	9,890
WAP	22	ea	\$	850.00	\$	18,700
CAT cabling	50,960	lf	\$	2.30	\$	117,208
Devices and cabling not yet shown	80,841	sf	\$	1.50	\$	121,262

AUDIO / VIDEO SOUND SYSTEMS FIT-OUT T

Classroom and general building AV	80,841	sf	\$	2.00	\$	161,682
Gymnasium AV	1	ls	\$	50,000.00	\$	50,000
Cafeteria AV	1	ls	\$	75,000.00	\$	75,000
Conference room AV	1	ls	\$	15,000.00	\$	15,000

TELECOMMUNICATIONS
Devices and cabling

Telephone device		ls				
Data device		ea				

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS	Qty	Unit	Unit Price	Subtotal	Total	
Tele/data device		If				
WAP		ea				
CAT cabling		ea				
Devices and cabling not yet shown		ea				
AUDIO / VIDEO SOUND SYSTEMS FIT-OUT T		ea				
Classroom and general building AV		ea				
Gymnasium AV		ea				
Cafeteria AV		ea				
Conference room AV		If				
				TOTAL COMMUNICATIONS	\$	577,542
28 10 00 - FIRE ALARM						
FIRE ALARM						
Addressable fire alarm system		sf				
Fire alarm control panel	1	ea	\$ 12,000.00	\$ 12,000		
Fire alarm remote annunciator allow	1	ea	\$ 1,600.00	\$ 1,600		
Fire alarm transponder panel	2	ea	\$ 3,500.00	\$ 7,000		
BDA annunciator allow	1	ea	\$ 1,600.00	\$ 1,600		
BDA repeater allow	1	ea	\$ 1,200.00	\$ 1,200		
Exterior beacon allow	2	ea	\$ 320.00	\$ 640		
Knox box allow	2	ea	\$ 350.00	\$ 700		
Manual pull station	1	ea	\$ 250.00	\$ 250		
Smoke detector	20	ea	\$ 250.00	\$ 5,000		
CO2 detector	1	ea	\$ 250.00	\$ 250		
Heat detector	1	ea	\$ 250.00	\$ 250		
Audio/visual device	123	ea	\$ 250.00	\$ 30,750		
Visual device	34	ea	\$ 250.00	\$ 8,500		
Elevator recall connection	2	ea	\$ 300.00	\$ 600		
Monitoring/control module	12	ea	\$ 300.00	\$ 3,600		
Device box	203	ea	\$ 32.00	\$ 6,496		
3/4" EMT	4,940	If	\$ 11.00	\$ 54,343		
#14 THHN	14,821	If	\$ 1.00	\$ 14,821		
FAMC	4,940	If	\$ 6.00	\$ 29,642		
FA circuitry	9,881	If	\$ 2.30	\$ 22,725		
Testing and programming	1	ls	\$ 8,000.00	\$ 8,000		
Addressable fire alarm system	80,841	sf	\$ 0.80	\$ 64,673		
				TOTAL FIRE ALARM	\$	274,639
28 20 00 - SECURITY SYSTEMS						
ACCESS CONTROL & INTRUSION DETECTION						
Access control		ls				
Head-end equipment	1	ls	\$ 5,000.00	\$ 5,000		
Card reader	13	ea	\$ 500.00	\$ 6,500		
Prop alarm	12	ea	\$ 350.00	\$ 4,200		
Keypad	1	ea	\$ 500.00	\$ 500		
ADA push plate	4	ea	\$ 250.00	\$ 1,000		
Magnetic door holder	22	ea	\$ 350.00	\$ 7,700		
Video intercom station	1	ea	\$ 800.00	\$ 800		
Video intercom master station	1	ea	\$ 1,500.00	\$ 1,500		
Duress button	1	ea	\$ 450.00	\$ 450		
Device box w/conduit to accessible ceiling	55	ea	\$ 150.00	\$ 8,250		
Circuitry	7,100	If	\$ 2.30	\$ 16,330		
Access control	80,841	sf	\$ 0.40	\$ 32,336		
Intrusion detection						
Head-end equipment	1	ls	\$ 5,000.00	\$ 5,000		
Motion detector	8	ea	\$ 400.00	\$ 3,200		
Glass break device	42	ea	\$ 400.00	\$ 16,800		
Device box w/conduit to accessible ceiling	50	ea	\$ 150.00	\$ 7,500		
Circuitry	6,250	If	\$ 2.30	\$ 14,375		
Intrusion detection	80,841	sf	\$ 1.00	\$ 80,841		
CCTV						
CCTV						
Head-end equipment	1	ls	\$ 5,000.00	\$ 5,000		
CCTV camera (C1)	8	ea	\$ 2,000.00	\$ 16,000		
CCTV camera (C2)	5	ea	\$ 2,000.00	\$ 10,000		
CCTV camera (W1)	14	ea	\$ 2,000.00	\$ 28,000		
CCTV camera (S1) WP	1	ea	\$ 2,500.00	\$ 2,500		
CCTV camera (S2) WP	15	ea	\$ 2,500.00	\$ 37,500		
Device box w/conduit to accessible ceiling	43	ea	\$ 150.00	\$ 6,450		
Circuitry	5,600	If	\$ 2.50	\$ 14,000		

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
CCTV		80,841	sf	\$ 0.65	\$ 52,547	
		TOTAL SECURITY				\$ 384,279
26 56 00 - SITE ELECTRICAL						
SITE POWER DISTRIBUTION:						
New riser (electrical)	1	ea	\$ 4,000.00	\$ 4,000		
New Manhole (electrical)	3	ea	\$ 8,500.00	\$ 25,500		
Primary service duct bank allow 2-4" PVC, empty - allow	850	lf	\$ 50.00	\$ 42,500		
Pad mounted utility transformer	1	ea				
Transformer pad grounding	1	ea	\$ 1,200.00	\$ 1,200		
Secondary service duct bank with 2500A feeder allow	145	lf	\$ 1,200.00	\$ 174,000		
Generator service ductbank	140	lf	\$ 550.00	\$ 77,000		
Generator pad grounding	1	ea	\$ 1,200.00	\$ 1,200		
400A feed to EVP1 underground	500	lf	\$ 180.00	\$ 90,000		
120V for cameras	250	lf	\$ 15.00	\$ 3,750		
SITE LIGHTING						
Site lighting & circuitry						
Material included w/lighting quote above						
Labor to install below						
Site lighting fixture Type SA5 pole mount	7	ea	\$ 450.00	\$ 3,150		
Site lighting fixture Type SL3 pole mount	21	ea	\$ 450.00	\$ 9,450		
Site lighting fixture Type SL5 pole mount	11	ea	\$ 450.00	\$ 4,950		
Site lighting circuitry	3,900	lf	\$ 15.00	\$ 58,500		
SITE COMMUNICATIONS:						
New riser (Communications)	1	ea	\$ 4,000.00	\$ 4,000		
New handhole (Communications)	9	ea	\$ 2,500.00	\$ 22,500		
Communications duct bank 3-4" PVC, empty - allow	730	lf	\$ 75.00	\$ 54,750		
EV CHARGING STATION:						
EV charging station allow 10 dual with circuitry	14	ea	\$ 14,250.00	\$ 199,500		
New handhole (EV Communications)	1	ea	\$ 750.00	\$ 750		
EV communications	250	lf	\$ 10.00	\$ 2,500		
		TOTAL SITE ELECTRICAL				\$ 779,200
31 00 00 - SITEWORK						
MOBILIZATION / SITE LAYOUT						
Mobilization / Demobilization	1	ls	\$ 53,015.34	\$ 53,015		
6' H Chain Link Fence Enclosure (put up, maintain & remove)	3,200	lf	\$ 45.00	\$ 144,000		
Temp Double Gate	3	ea	\$ 4,726.19	\$ 14,179		
Temporary Fence Maintenance	16	mos	\$ 1,355.38	\$ 21,686		
Site Safety	1	ls	\$ 17,094.00	\$ 17,094		
General Dewater	1	ls	\$ 17,094.00	\$ 17,094		
Site Logistics	1	ls	\$ 56,980.00	\$ 56,980		
Staging, Laydown & Trailer area	1	ls	\$ 17,094.00	\$ 17,094		
phasing coordination	1	LS	\$ 113,960.00	\$ 113,960		
EROSION CONTROL						
Haybales & Silt Fence at Site Perimeter	5,000	lf	\$ 9.28	\$ 46,382		
Tree Protection -	1	ls	\$ 5,698.00	\$ 5,698		
Inlet Protection (Silt Sacks) at Roadway Catch Basins	42	ea	\$ 278.45	\$ 11,695		
Maintain Erosion Control	16	mos	\$ 2,262.36	\$ 36,198		
Anti-track pads & maintenance	3	loc	\$ 5,682.89	\$ 17,049		
Concrete washout area and Cleanup	1	ls	\$ 7,519.27	\$ 7,519		
GENERAL SITEWORK & REMOVALS						
Clearing and Grubbing	20,784	ea	\$ 1.68	\$ 34,818		
Strip topsoil, stockpile	1,852	cy	\$ 27.32	\$ 50,586		
Screen top soil	1,852	cy	\$ 12.85	\$ 23,805		
Demo & Dispose Asphalt Paving and Concrete Flatwork	118,088	sf	\$ 1.00	\$ 118,088		
Export Asphalt and Concrete Flatwork Subbase	1,312	cyd	\$ 27.74	\$ 36,395		
Demo and Dispose Existing Utility Structures	16	ea	\$ 1,923.66	\$ 30,778		
Demo and Dispose Existing Utility Piping	3,435	lf	\$ 28.00	\$ 96,180		
Demo Fencing	200	lf	\$ 22.18	\$ 4,435		
Sawcutting	320	lf	\$ 11.25	\$ 3,599		
Removal of existing Leaching Field	1	allow	\$ 125,000.00	\$ 125,000		
possible oil spill	-	ls				
EARTH MOVING (MASS EARTHWORK)						
General Grading - for Parking, Roadways & Sidewalks						
General Earthwork Grading	3,704	cy	\$ 13.66	\$ 50,607		
Gravel Base Installation @ Concrete and Asphalt	10,519	cy	\$ 37.23	\$ 391,612		
Fine Grading at Parking & Roadways	150,000	sf	\$ 0.71	\$ 105,983		
Building Pad and Concrete Retaining Wall						
Excavation and Disposal of Soils	3,998	cy	\$ 48.23	\$ 192,815		

STANTON ELEMENTARY SCHOOL

Drawings Dated: 10/25/2024

Estimate Date: 11/08/2024

Reconciled Date 11/08/24

ESTIMATE DETAIL		Construction Documents				80,841 sf
DESCRIPTIONS		Qty	Unit	Unit Price	Subtotal	Total
Backfill, Slab and Foundation Subbase		1,984	cy	\$ 59.66	\$ 118,362	
Underslab Excavation and Backfill		3,022	lf	\$ 25.91	\$ 78,314	
Building Foundation & Slab Excavation						
Foundation excavations		2,652	cy	\$ 13.68	\$ 36,267	
Foundation backfill		1,752	cy	\$ 13.68	\$ 23,959	
Excavate Elevator Pit		15	cy	\$ 17.93	\$ 269	
Fine Grading for SOG		57,000	sf	\$ 1.93	\$ 109,778	
EXTERIOR IMPROVEMENTS						
Asphalt Paving						
Heavy Duty Bituminous		46,552	sf	\$ 5.18	\$ 241,139	
Standard Duty Bituminous		88,000	sf	\$ 4.66	\$ 410,080	
Basketball Court		7,500	sf	\$ 4.66	\$ 34,950	
Pavement patching to new aprons in street		2	ea	\$ 5,698.00	\$ 11,396	
Line Striping		1	ea	\$ 13,842.72	\$ 13,843	
Tactile Warning Strips		25	ea	\$ 398.86	\$ 9,972	
Curbing						
Monoconcrete		3,600	lf	\$ 18.51	\$ 66,626	
Bituminous Curbing		3,400	lf	\$ 11.25	\$ 38,243	
Wheel Stops		11	ea	\$ 182.34	\$ 2,006	
Site Concrete						
SITE CONCRETE						
Exterior Entrance Slabs (w/24" Integral Frostwall)		532	sf	\$ 24.56	\$ 13,065	
Sidewalks		44,312	sf	\$ 18.00	\$ 797,616	
Integral Curb at Sidewalks		3,812	lf	\$ 12.31	\$ 46,917	
Concrete Curbs at Roadway/Parking Areas		300	lf	\$ 57.85	\$ 17,354	
Concrete Curbs at Playground Fence Areas		630	lf	\$ 61.39	\$ 38,676	
Tactile Warning Strips		1,120	sf	\$ 13.68	\$ 15,316	
Site Dumpster/EV/Generator/Mechanical Pads		916	sf	\$ 17.09	\$ 15,658	
Bollard bases (Steel & Precast)		66	ea	\$ 512.82	\$ 33,846	
Flagpole base		1	ea	\$ 1,709.40	\$ 1,709	
Entry Sign Base		1	ls	\$ 5,128.20	\$ 5,128	
Lightpole Bases		34	ea	\$ 569.80	\$ 19,373	
Retaining/Stair Wall - Footings & Walls		16	cy	\$ 1,162.62	\$ 18,602	
Retaining/Stair Wall - Slab		50	sf	\$ 27.35	\$ 1,368	
Athletic & Recreational Surfaces						
Wood Multch play areas		13,060	sf	\$ 30.00	\$ 391,800	
Synthetic Playground Surfaces			sf			
Unit Pavers						
Accent Pavers at Sidewalks		900	sf	\$ 34.19	\$ 30,769	
Rough Loam (assumed reuse)						
Topsoil over Cut & Fill areas - 6" place		1,652	cyd	\$ 29.99	\$ 49,551	
Seeding			sf			
Landscaping						
Landscape		1	ls	\$ 226,697.00	\$ 226,697	
Fine Grade and seed		102,240	sf	\$ 0.23	\$ 23,303	
Trees (medium)			ea			
Site Specialties						
Bollards - Precast		22	ea	\$ 866.10	\$ 19,054	
Painted Bollards		35	ea	\$ 740.74	\$ 25,926	
Flagpole		1	ea	\$ 7,899.75	\$ 7,900	
Signage		24	ea	\$ 637.39	\$ 15,297	
Benches		16	ea	\$ 3,165.24	\$ 50,644	
Trash Receptacles		8	ea	\$ 1,882.98	\$ 15,064	
Bike Racks		5	ea	\$ 2,125.13	\$ 10,626	
2" Stone Pad		1,144	sf	\$ 6.48	\$ 7,418	
Railings @ CIP Site Stairs		16	lf	\$ 157.18	\$ 2,515	
Decorative Stonewall (3 Sides - Finished)		140	lf	\$ 227.92	\$ 31,909	
Fencing - Vinyl Dumpster Enclosure 8' H		98	lf	\$ 91.17	\$ 8,934	
Gate Double - Vinyl at Dumpster Enclosure 8' H		2	ea	\$ 1,025.64	\$ 2,051	
Fencing - Chain Link 4' H		892	lf	\$ 68.38	\$ 60,991	
Fencing - Chain Link 8' H		198	lf	\$ 85.47	\$ 16,923	
Fencing - Chain Link 10' H		214	lf	\$ 125.36	\$ 26,826	
Timber Guardrail		204	lf	\$ 164.10	\$ 33,477	
Chain Link Fence - Double Gate		4	ea	\$ 1,770.94	\$ 7,084	
Chain Link - Single Gate		6	ea	\$ 885.47	\$ 5,313	
Signage - Traffic & Directional		1	ls	\$ 8,547.00	\$ 8,547	
Signage - Site Monument		1	ls	\$ 17,094.00	\$ 17,094	
Basketball Backstops		2	ea	\$ 4,132.19	\$ 8,264	
Playground & Basketball equipment allowance		1	ls	\$ 380,000.00	\$ 380,000	
SITE UTILITIES						
Water Systems						

Drawings Dated: 10/25/2024
Estimate Date: 11/08/2024
Reconciled Date 11/08/24

26 of 26

Construction Document Estimate

State Project #	104-0118N				
LEA (Local Education Agency)					
School Name	Stanton Elementary School				
Project Type					
Square Footage of Construction					
Grades					
Enrollment Projections					
Reimbursement Rate			Cost/Square Feet	Ineligible Costs	
Project Cost	\$	67,566,112.34	of Project Costs	Project Ineligible Costs	\$ 8,591,263.94
All Soft Cost	\$	20,836,720.27	of Soft Costs	Ineligible Soft Costs	\$ 4,245,878.73
Construction Cost	\$	46,729,392.06	of Construction Cost	Ineligible Construction Costs	\$ 4,345,385.21
Eligible Construction Costs	\$	42,384,006.85	of Eligible Costs	Percent Ineligible	13%
				Percent Ineligible Less Contingencies	1%

Construction Cost				Cost	Ineligibles
A. SUBSTRUCTURE	A10 FOUNDATIONS	A1010	Standard Foundations	\$ 1,307,059.43	\$ -
		A1020	Special Foundations	\$ -	\$ -
		A1030	Slab on Grade	\$ 878,843.30	\$ -
	A20 BASEMENTS	A2010	Basement Excavation	\$ -	\$ -
		A2020	Basement Walls	\$ 522,428.07	\$ -
B. SHELL	B10 SUPER STRUCTURE	B1010	Floor Construction	\$ -	\$ -
		B1020	Roof Construction	\$ 2,955,292.28	\$ -
	B20 EXTERIOR ENCLOSURES	B2010	Exterior Walls	\$ 5,612,868.62	\$ -
		B2020	Exterior Windows	\$ 1,239,275.40	\$ -
		B2030	Exterior Doors	\$ 208,849.21	\$ -
	B30 ROOFING	B3010	Roof Coverings	\$ 2,060,919.36	\$ -
		B3020	Roof Openings	\$ -	\$ -
	C. INTERIORS	C10 INTERIOR CONSTRUCTION	C1010	Partitions	\$ 1,122,607.79
C1020			Interior Doors	\$ 342,015.10	\$ -
C1030			Fittings	\$ 1,904,098.83	\$ -
C20 STAIRS		C2010	Stair Construction	\$ 333,768.12	\$ -
		C2020	Stair Finishes	\$ 43,031.30	\$ -
C30 INTERIOR FINISHES		C3010	Wall Finishes	\$ 433,634.54	\$ -
		C3020	Floor Finishes	\$ 1,437,182.22	\$ -
		C3030	Ceiling Finishes	\$ 748,655.54	\$ -
D. SERVICES		D10 CONVEYING	D1010	Elevators & Lifts	\$ 209,124.38
	D1020		Escalators & Moving Walks	\$ -	\$ -
	D1030		Other Conveying Systems	\$ -	\$ -
	D20 PLUMBING	D2010	Plumbing Fixtures	\$ -	\$ -
		D2020	Domestic Water Distribution	\$ 2,115,654.75	\$ -
		D2030	Sanitary Waste	\$ -	\$ -
		D2040	Rain Water Drainage	\$ -	\$ -
		D2090	Other Plumbing Systems	\$ -	\$ -
		D30 HVAC	D3010	Energy Supply	\$ -
	D3020		Heat Generating Systems	\$ 6,656,975.82	\$ -
	D3030		Cooling Generating Systems	\$ -	\$ -
	D3040		Distribution Systems	\$ -	\$ -
	D3050		Terminal & Package Units	\$ -	\$ -
	D3060		Controls & Instrumentation	\$ -	\$ -
	D3070		Systems Testing & Balancing	\$ -	\$ -
	D3090		Other HVAC systems & Equipment	\$ -	\$ -
	D40 FIRE PROTECTION		D4010	Sprinklers	\$ 574,624.00
		D4020	Standpipes	\$ -	\$ -
		D4030	Fire Protection Specialties	\$ -	\$ -
		D4090	Other Fire Protection Systems	\$ -	\$ -
D50 ELECTRICAL	D5010	Electrical Service & Distribution	\$ 4,357,045.46	\$ -	
	D5020	Lighting and Branch Wiring	\$ -	\$ -	
	D5030	Communications & Security	\$ 1,236,459.88	\$ -	
	D5090	Other Electrical Systems	\$ -	\$ -	
E. EQUIPMENT & FURNISHINGS	E10 EQUIPMENT	E1010	Commercial Equipment	\$ 640,403.40	\$ -
		E1020	Institutional Equipment	\$ 56,623.16	\$ -
		E1030	Vehicular Equipment (Bldg fixed)	\$ 3,284.12	\$ -
		E1090	Other Requirments	\$ 213,317.93	\$ -
	E20 FURNISHINGS	E2010	Fixed Furnishings	\$ 53,488.68	\$ -
F. SPECIAL CONSTR. & DEMO.	F10 SPECIAL CONSTR.	F1010	Special Structures	\$ -	\$ -
		F1020	Integrated Construction	\$ -	\$ -
		F1030	Special Construction Systems	\$ -	\$ -
		F1040	Special Facilities	\$ -	\$ -
		F1050	Special Controls & Instrumentation	\$ -	\$ -

	F20 SELECT BUILD DEMO	F2010	Building Elements Demolition		\$ 736,174.10	\$ -
	F30 ABATEMENT	F2020	Hazardous Components Abatement		\$ -	\$ -
X. GC's, OFFICE OVERHEAD & PROFIT	X10 GENERAL CONDITIONS	X1010	General Conditions	8.8%	\$ 3,511,785.00	\$ -
	X20 OVERHEAD & PROFIT	X2020	Office Overhead & Profit	1.4%	\$ 565,709.65	\$ -
		X2030	Trade Contractor Bond Cost	0.8%	\$ 302,807.43	\$ -
		Z10	Design Contingency	100%	\$ 1,026,279.75	\$ 1,026,279.75
Z. ALLOWANCES	Z20 INFLATION (ESCALATION)	Z20	Infaltion (Escalation) Allowance	100%	\$ 1,946,023.80	\$ 1,946,023.80
	Z30 CONSTR. CONTINGENCY	Z30	Construction Contingency	100%	\$ 1,373,081.67	\$ 1,373,081.67

Soft Costs			Cost		Ineligibles	
G. SITEWORK (beyond 5 ft from Building)	G1010	Site Clearing		\$ -	\$ -	-
	G1020	Site Demolition and Relocations		\$ -	\$ -	-
	G1030	Site Earthwork		\$ 3,406,786.34	\$ -	-
	G1040	Hazardous Waste Remediation		\$ -	\$ -	-
	G2010	Roadways		\$ 17,353.83	\$ -	-
	G2020	Parking Lots		\$ -	\$ -	-
	G2030	Pedestrian Paving		\$ 962,803.64	\$ -	-
	G2040	Site Development		\$ -	\$ -	-
	G2045	Athletic Fields		\$ 391,800.00	\$ -	-
	G2050	Landscaping		\$ 907,174.98	\$ -	-
	G3010	Water Supply		\$ 386,331.72	\$ 37,725.41	-
	G3020	Sanitary Sewer		\$ 206,640.00	\$ -	-
	G3030	Storm Sewer		\$ 1,288,096.20	\$ 15,555.00	-
	G3040	Heating Distribution		\$ -	\$ -	-
	G3050	Cooling Distribution		\$ -	\$ -	-
	G3060	Fuel Distribution		\$ 52,748.94	\$ 14,089.15	-
	G3090	Other Site Mechanical Utilities		\$ -	\$ -	-
	G4010	Electrical Distribution		\$ 894,625.92	\$ -	-
	G4020	Site Lighting		\$ 200,090.83	\$ -	-
	G4030	Site Communications & Security		\$ -	\$ -	-
	G4090	Other Site Electrical Utilities		\$ -	\$ -	-
	G9010	Service and Pedestrian Tunnels		\$ -	\$ -	-
	G9020	Bleachers, Concession Stands, etc.		\$ -	\$ -	-
	G9090	Other Site Systems		\$ -	\$ -	-
Y. SITE GC's, OFFICE OVERHEAD, PROFIT & ALLOWANCES	Y1010	Site General Conditions	8.8%	\$ 682,943.53	\$ 5,900.57	-
	Y2010	Site Overhead & Profit	1.4%	\$ 110,014.63	\$ 950.52	-
	Y5010	Trade Contractor Bond Costs	0.8%	\$ 58,887.54	\$ 508.78	-
	Y3010	Site Design Contingency	100%	\$ 199,582.58	\$ 199,582.58	-
	Y4010	Site Inflation (Escalation) Allowance	100%	\$ 209,666.06	\$ 209,666.06	-
	Y3020	Site Construction Contingency	100%	\$ 267,025.81	\$ 267,025.81	-
R. CONSULTANTS	R1010	Architect/Engineer	7%	\$ 3,346,700.00	\$ 4,707.68	-
	R2010	Environmental		\$ -	\$ -	-
	R3010	Commissioning		\$ 93,530.00	\$ -	-
	R4010	Geotechnical		\$ -	\$ -	-
	R5010	Cost Estimator		\$ 160,770.00	\$ 160,770.00	-
	R6010	Owners Rep		\$ 1,288,030.00	\$ -	-
	R7010	CM Pre-Construction	0.0%	\$ -	\$ -	-
	R8010	FF&E Coordinator		\$ -	\$ -	-
	R9010	Legal	100%	\$ 2,643.00	\$ 2,643.00	-
S. FF&E	S1010	FF&E		\$ 1,250,000.00	\$ -	-
	S2010	Technology		\$ 400,000.00	\$ -	-
	S3010	Playground Equipment		\$ -	\$ -	-
	S4010	Playgorund Surfacing		\$ -	\$ -	-
	S5010	Moving		\$ 100,000.00	\$ -	-
T. FEES	T1010	District Bonding fees		\$ 136,829.00	\$ -	-
	T2010	Insurance Costs (builder's risk)		\$ 85,000.00	\$ -	-
	T3010	Town Staff Costs		\$ -	\$ -	-
	T4010	Town Permit Fees		\$ -	\$ -	-
	T5010	State Permit Fees	100%	\$ 14,116.55	\$ -	-
	T6010	Testing/Inspection Fees		\$ 135,000.00		
	T7010	Printing & Mailing Costs		\$ -		
	T8010	Other Costs		\$ 364,500.00	\$ 109,725.00	-
U. CONTINGENCIES	U1010	Owner Contingency	100%	\$ 3,217,029.16	\$ 3,217,029	-
W. ACQUISITION COSTS W	W1010	Land/Building Purchase		\$ -		
	W2010	Swing Space/Portables		\$ -		
	W3010	Site Remediation		\$ -		
	W4010	Appraisals		\$ -		
	W5010	Land Survey		\$ -		
	W6010	Other Acquisition Costs		\$ -		

STANTON ELEMENTARY SCHOOL
CONSTRUCTION DOCUMENTS

CM DOWNES CONSTRUCTION (DCC)
Architect Drummey Rosane Anderson, Inc. (DRA)

* Please include 'Answer Date' with all answer reponses

No.	Discipline	Initiated By	Date Entered	Question/Comment/Needs Further Research	Addendum	Answer	Answer Date	Follow Up
1	Plumbing	DCC	10/14/2025	Please provide the Division 22 Plumbing spec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
2	HVAC	DCC	10/14/2025	Please provide the Division 23 Heating, Ventilating and Air Conditioning spec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
3	Electrical	DCC	10/14/2025	Please provide the Division 26 Electrical spec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
4	Technology	DCC	10/14/2025	Please provide the Division 27 Technology spec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
5	Security	DCC	10/14/2025	Please provide the Division 28 Security spec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
6	Earthwork	DCC	10/14/2025	Please provide the Division 31 Earthwork spec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
7	Exterior Improvements	DCC	10/14/2025	Please provide the Division 32 Exterior Improvementsspec. The Project Manual Table of Contents has it listed but it was not included in the spec.		All of the specifications requested here were uploaded as part of the 95% CD package. Please elaborate on any specific spec section that appears to be missing.	10/17/2024	
8	Architectural	DCC	10/14/2024	Drawing A6-1.1 Door Schedule Door A103.2 is noted at SF5 however Drawing A6-3.1 Curtainwall notes that Door A103.2 is noted as SF11. Please confirm that Door A103.2 is supposed to be SF11.		Yes, Door 103.2 is SF11.	10/17/2024	
9	Architectural	DCC	10/14/2024	Drawing A6-1.1 Door Schedule Door ST2-1.2 is noted at SF11 however Drawing A6-3.1 Curtainwall notes that Door A103.2 is noted as SF16. Please confirm that Door A103.2 is supposed to be SF16.		Door ST2-1.2 is part of SF16.	10/17/2024	
10	Architectural	DCC	10/14/2024	Drawing A6-3.2 Interior Storefront & Interior Curtainwall notes several elevations with G-5 glass however G-5 Glass is not noted in Spec Section 08 81 00 Glass & Glazing. Please provide information on what type of glass G-5 is.		This is identified in spec section 08 41 14, page 5, section 2.3, paragraph D. Acoustical Glazing. The glazing type will be clarified for the final bid documents.	10/17/2024	We will carry an acoustical glazing with an STC of 45. Please revise drawings to include correct glazing call out on A6-3-2
11	Architectural	DCC	10/15/2024	Drawing A2-1.1 Building Exterior Elevation Detail 4 between Col lines 14.6 and 15: Storefront SF13 appears to be incorrectly labled as the dimensions do not match from from Drawing A6-3.1 Curtain Walls, Storefronts... Please provide the correct tag number for this Storefront.		This is incorrectly labeled on drawing A2-1-1; this is SF12.	10/17/2024	
12	Architectural	DCC	10/16/2024	For clarification, the follow list of Incorrectly labeled Storfront to Correctly labeled located on the door schedule, will be supplied in an addendum? Please Clarify. SF2 = SF9; SF3 = SF10; SF5 = SF11; SF11 = SF16; SF15 = SF20.		SF2 has been changed to SF9, SF3 has been changed to SF10, SF5 has been changed to SF11, SF11 has been changed to SF16, SF15 has been changed to SF20. These updates will be identified on the storefront elevations in the final bid documents.	10/22/2024	
13	Architectural	DCC	10/16/2024	GL-5 is located on both stanton and greeneville, but stanton also has a call out for GL-6 on drawing A6-3-2. Please clarify the specifics of both glazing pyes GL-5 & GL-6 in the specification and if they are needed.		See response to line item 15 above in regard to the G-5 glass. Glass type G-6 is fire-rated glass and is called out under spec section 088050, paragraph 2.2. This will be clarified in the final bid documents.	10/17/2024	
14	Architectural	DCC	10/16/2024	Four of the doors listed on the door schedule are missing their material type; C108.1, C108.3, ST1-1.2, and A220A. please clarify their materials.		Doors C108.1 and C108.3 are wood; door ST1-1.2 is aluminum; A220A is wood.	10/17/2024	
15	Architectural	DCC	10/16/2024	Door ST4-2.1 is a WM door with no material type. In the greeneville RFI Log it was said to ignore the WM door elevation. Will this door type be used for the ST4-2.1 door on the stanton job, if so, what will its material be? Please Advise.		The WM door is a steel door with steel wire mesh infill panels, and only occurs at Stanton.	10/17/2024	
16	Architectural	DCC	10/16/2024	Door A103.2 is type AL2 & its material is WD? Is this correct? Please Clarify.		This is an aluminum storefront door, not wood.	10/17/2024	
17	Architectural	DCC	10/16/2024	On Drawing A1-1-1A door V1-2.2 should be called out as Sf10 per the elevations, and on drawing A1-2-1A SF10 should be changed to SF14. Please confirm and advise.		Correct, door V1-2.2 is part of SF10; and correct that the storefront at the second floor above this door is SF14.	10/17/2024	
18	Architectural	DCC	10/16/2024	In room ST2-2 It's shown as having SF16 but on drawing A2-1-1, Detail 1, that room is shown as having SF17. Please Clarify.		The SF at the second floor at Stair 2 is SF17, as shown on A2-1-1.	10/17/2024	
19	Architectural	DCC	10/16/2024	In room A023, between guideline E & F, & on drawing A2-1-1, Detail 3 on guideline E5, there is no call out for the storefront shown. Please confirm the SF number.		The SF north of grid line E is SF4 as shown on A2-1-1; the SF to the south is SF2.	10/17/2024	
20	Architectural	DCC	10/23/2024	Room C113 is not shown on the drawings please advise where this room is located.		Please refer to sheet A1-1-1C. This room exists within the project. This room is ELECTRICAL C113	10/23/2024	

21	Architectural	DCC	10/23/2024	Please verify of application of window treatments in ST3-1, no windows shown. Please advise on which window is to receive a motorized shade.	ST3-1 will not be receiving a window. No window application to be provided in this location. No window/motorized shades to be provided at this location.	10/23/2024
22	Architectural - Finishes	DCC	10/23/2024	On Drawing A2-2-1 detail 4, on either side of the display case there seems to be some kind of tack board. Is it CBB? Please Clarify.	Correct, these are CBB-10 on either side of the display case. These will be tagged and clarified on the interior elevations in the final bid documents Refer to drawing 11/AF1-3-8 for sizing. Refer to Spec Section 101100 - 4, paragraph 2.4 for additional information.	10/24/2024
23	Architectural - Finishes	DCC	10/23/2024	On Drawing A2-2-1 details 9, 12 & 17, there are items called out as FP-2, and others like it. what are they? I cannot find them anywhere in the spec or on any legends. Please Clarify.	FP-2 refers to a flat panel monitor, and is part of the FF&E package. FP-1 is an interactive flat panel that is also part of FF&E; the FP-1 panels are mounted on adjustable brackets. Wood blocking must be provided in the walls behind both the FP-1 and FP-2 panels for proper attachment.	10/28/2024
24	Architectural - Finishes	DCC	10/25/2024	Spec section 12 24 13 Window Treatments calls for motorized window shades at Media Center please verify media room location on drawings.	Any reference to a media center is referring to LEARNING COMMONS A212. The naming convention "MEDIA CENTER" will be removed and replaced with "LEARNING COMMONS" within the final bid specifications. Motorized window shades will be required at all SF4 locations and SF12 within the LEARNING COMMONS A212 on the East Wall, additionally SF12 and SF1A on the south wall.	10/25/2024
		DCC	10/30/2024	Please provide spec or additional information for dock bumpers.		