Akron Central School District

OACM Meeting Minutes
2023 Capital Improvement Project
February 16, 2024

1. **Project Schedule Update**

   A. PH I SED Review Update
      - SED Review #'s 23-1116 – 23-1118, submitted on 11/22/23.
      - SED is currently reviewing projects submitted 8/18/23.
        (SED is currently reporting a 6-month review queue.)
      - Our review period is trending to be June 24'.

2. **Project Budget Update**

   A. PH I SED Estimate Review; Alternates Discussion

   B. PH I Projected Cash Flow Analysis

3. **Design Discussion**

   A. Basement Corridor Flooring – CPL to coordinate Stohl for additional testing.

   B. PA System – U&S/Stark – District/CCMG have scheduled a meeting for 2/29/24 at 9:00am.

   C. Wall & Stair Graphics
      - CPL to send out Meeting Minutes from last meeting with district, designers, historical society and senior center.

   D. Akron Logo Review
      - District has narrowed it down to 3 new designs and 1 previous design. Community will vote again in the near future. Paul is looking into a voting platform that will show the community real-time results.

   E. Site Walk Through – Band Room moisture mitigation, Tennis Courts.
      - Band/orchestra room is currently showing 20% humidity. The Orchestra instruments require 40-60% humidity to prevent damage. BE to look into a humidification system that can be incorporated into the current budget for phase 1.
      - Tennis court refurbishment did appear practical and feasible to CPL and Campus. CPL will do a site review with their consultant to determine resurfacing scope of work that will be incorporated into Phase 1 (work tentatively scheduled for Spring 2025). For this upcoming season, district maintenance team will incorporate consultant's recommendations for temporary sealing of existing cracks to prevent further damage.

- Elementary Domestic Hot Water Tank appears to need to be replaced, this will be review further in field as the existing tank appears to be encapsulated in ACM and may need to be abated. CPL to coordinate with Stohl to test for ACM upon next site visit.

4. **Phase II Kick-Off**

5. **Next Meeting Dates**

   A. OACM Meeting - March 15, 2024 at 9:00am
   B. OACM Meeting Canceled on April 19, 2024; to be replaced with Phase 2 design meeting on April 12, 2024.

Akron Central School District

2023 Capital Improvement Project
Phase 2 Kick-Off Meeting Minutes
February 16, 2024

Kick-off Meeting: 02/16/2024

SCHEMATIC DESIGN: 02/16/2024 – 03/28/2024

USER GROUP MEETINGS: **03/01/2024 @ 9:00am – 11:00am**
Stadium Meeting Items: 9:00 – 10:30am

- Turf Fields / Track – Markings / Layout
- Stadium Seating
- Press box
- Stadium & Site Lighting
- Video Scoreboard
- Sound System
- Electric Service / Fiber
- Cameras
- Track Events
- Athletics Entrance
- Parking and Road Modifications
- Concessions Building Renovations

Main Building Meeting items: 10:30am – 11:00am

- Secure Vestibule
- Signage Improvements

Key Consultants: Toth Sports / Turf Manufacturer

SCHEMATIC DESIGN MEETING: **03/15/2024 @ 9:00am – 10:30am**

- This check-in would be to review and discuss any developments and updated items since

Final Schematic Design Presentation: 03/28/2024 @ 9:00am – 11:00am

- This presentation will be a full recap of Schematic Design, with an opportunity for feedback leading into Design Development.

- Schematic Design – <u>ESTIMATE:</u> 03/29/2024 – 04/26/2024

DESIGN DEVELOPMENT: 3/29/2024 – 04/26/2024

DESIGN REVIEW MEETING 1: **04/12/2024 @ 9:00am – 11:00am**
(To take place of 4/19 OACM Meeting)

Stadium Meeting Items: 9:00 – 10:30am

- Turf Fields / Track – Markings / Layout
- Stadium Seating
- Press box
- Stadium & Site Lighting
- Video Scoreboard
- Sound System
- Electric Service / Fiber
- Cameras
- Track Events
- Athletics Entrance
- Parking and Road Modifications
- Concessions Building Renovations

Main Building Meeting items: 10:30am – 11:00am

- Secure Vestibule
- Signage Improvements

Final Design Development Presentation: 04/26/2024 @ 9:00am – 11:00am

- This presentation will be a full recap of Design Development, with the final design being the basis for Construction Documents.
- Review of the Schematic Design Estimate.
- Design Development Estimate: 04/26/2024 – 05/24/2024.

CONSTRUCTION DOCUMENTS: 04/26/2024 – 07/19/2024

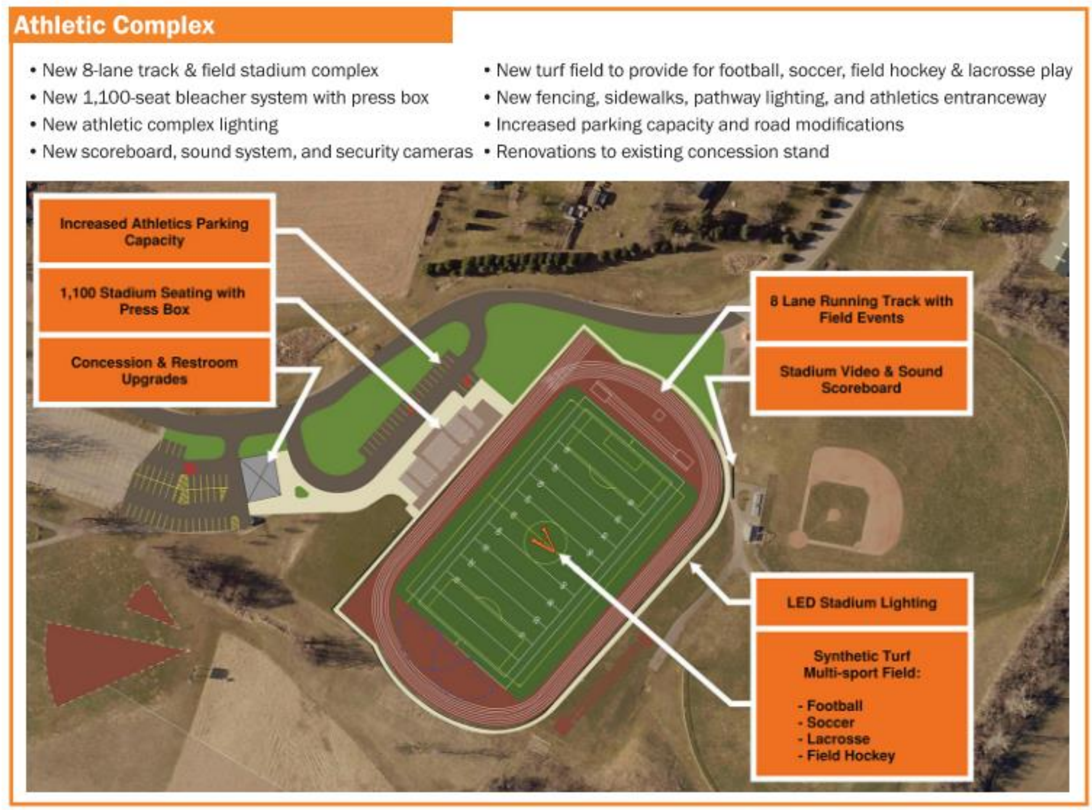
- Construction Document Page turn 75%: **06/21/2024 @ 9:00AM**
- Construction Document Page turn 95%: **07/19/2024 @ 9:00AM**

FINAL NYSED SUBMISSON & CONSTRUCTION DOCUMENT ESTIMATE: <u>DATE 07/23/2024</u>

Anticipated NYSED Review to begin 01/16/2025.
Anticipated Approval02/15/2025.

Bid Period to follow approval.

<u>Construction 04/01/2025 – 10/01/2025</u>



<u>Additional Notes:</u>

- District would like to know what the cost is going to be to purchase or lease equipment to maintain new turf fields. (Anticipated to be a General Fund expense). CPL to set up Lunch and Learn with local vendor to educate district on Turf.
- District has asked that Municipal Solutions be sent all meeting minutes and the reports/estimates from each design phase.
- CPL to provide images of long range master plan at next design meeting.
- The districts aidability has dropped to 82.5%
- CPL to bring site plans to the 3/1/2024 meeting

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Akron Central School District
2023 Capital Improvement Project
OACM Meeting
February 16, 2024

	NAME	COMPANY	PHONE #	E-MAIL ADDRESS
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2	Megan Sykes	CCMG	[redacted]	
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Project Estimate Summary
Akron CSD 2022 CIP
SED Estimate Dated 1/24/2024
Capital Improvement Project Summary

Capital Improvement Project	Conceptual Budget	Schematic Design	Design Development	SED Submission	Variance
Phase 1					
Elementary School	$453,486	$454,659	$411,706	$419,232	$34,254
Middle School	$1,937,760	$2,031,397	$1,630,824	$1,343,244	$594,516
High School	$3,758,700	$3,685,522	$3,539,753	$3,890,988	($132,288)
Transportation	$6,366,756	$6,973,250	$7,372,558	$7,011,494	($644,738)
Morton Building	$125,400	$125,400	$125,400	$49,552	$75,848
Phase 2					
High School	$10,589,700	$10,589,700	$10,589,700	$10,589,700	$0
Subtotal Construction Budget Phase 1	**$12,642,102**	**$13,270,228**	**$13,080,241**	**$12,714,510**	**($72,408)**
Subtotal Construction Budget Phase 2	**$10,589,700**	**$10,589,700**	**$10,589,700**	**$10,589,700**	**$0**
Construction Contingency	**$1,626,226**	**$1,626,226**	**$1,626,226**	**$1,626,226**	**$0**
Incidental Budget	**$4,971,606**	**$4,971,606**	**$4,971,606**	**$4,971,606**	**$0**
Capital Improvement Project	**$29,829,634**	**$30,457,760**	**$30,267,773**	**$29,902,042**	**($72,408)**

Notes For Estimate
1 Estimate updated per reconciliation with CPL 1/5/24
2 Estimate updated per OACM 1/12/24

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	Original Budget	Schematic Estimate	Design Development	SED Submission	Variance
Elementary School					
Renovations					
1. Refinish Gym Floor & Replace Wall Pads, 138	$77,286	$104,762	$101,463	$146,777	$69,491
2. Renovate Restrooms, 160-161	$138,600	$112,297	$104,033	$157,212	$18,612
3. Upgrade PA System (Stark)	$99,000	$99,000	$67,610	$67,610	$31,390
4. Upgrade PA System (EC Scope)	$138,600	$138,600	$138,600	$47,633	$90,967
Subtotal Elementary School	**$453,486**	**$454,659**	**$411,706**	**$419,232**	**$34,254**

	Original Budget	Schematic Estimate	Design Development	SED Submission	Variance
Middle School					
Renovations					
1. Boiler Replacement (2ea 1000MBH Boilers, ET, AS, Pumps, Etc.)	$990,000	$990,000	$600,858	$572,260	$417,740
2. Pool Handicap Chair	$26,400	$26,400	$30,083	$27,603	$1,203
3. Pool Dehumidification Replacement	$693,000	$693,000	$706,800	$467,713	$225,287
4. Replace Window Shades	$102,960	$96,597	$93,583	$89,060	$13,900
5. Upgrade PA System (Stark)	$52,800	$52,800	$36,059	$36,059	$16,741
6. Upgrade PA System (EC Scope)	$72,600	$72,600	$72,600	$47,633	$24,967
7. Water heaters and mixing valves	$0	$100,000	$90,841	$102,916	$102,916
Subtotal Middle School	**$1,937,760**	**$2,031,397**	**$1,630,824**	**$1,343,244**	**$594,516**

	Original Budget	Schematic Estimate	Design Development	SED Submission	Variance
High School					
Renovations					
1. Auditorium: Refinish Stage Floor, Theatrical Lighting, Scrim, (3) Projectors, Sound (Mics & Console)	$596,640	$596,640	$494,097	$664,660	$68,020
2. Makeup Air Unit Replacement HS Kitchen/Café	$79,200	$79,200	$98,023	$147,229	$68,029
3. Fiber Upgrades Between Data Closets	$99,000	$99,000	$99,000	$100,729	$1,729
4. Gym Work: Refinish Floor (265/282), Abate & Replace Flooring (265/267), Replace Wall Pads (265, 282, 267), Divider Curtain (282)	$829,620	$765,120	$795,997	$824,500	$5,120
5. Floor Replacement: Abatement & New H Hallway	$132,000	$497,176	$505,028	$660,148	$528,148
6. Custodial Closet Room Renovations	$145,200	$154,788	$144,185	$217,511	$72,311
7. Hoist System for Wrestling Mats (3 Hoists)	$132,000	$132,000	$128,169	$145,092	$13,092
8. Interior/Exterior Door Improvements (Budget NTE)	$264,000	$109,890	$98,010	$147,409	$116,591
9. Orchestra & Band Rms - Mech. Temp & Humidity Modifications (Budget NTE)	$132,000	$132,000	$132,000	$132,000	$0
10. Pool Wall Expansion Joints	$66,000	$55,390	$53,783	$63,316	$2,684
11. Floor Replacement: Abatement & New RM219	$35,640	$29,782	$28,847	$27,443	$8,197
12. Server Rm Split Systems	$99,000	$99,000	$99,000	$69,374	$29,626
13. Renovate Select Stairways (Budget NTE)	$161,700	$139,766	$135,344	$181,828	$20,128
14. Renovate Tech Shop (Budget NTE)	$264,000	$99,864	$84,999	$76,239	$187,761
15. Weight Room HVAC Upgrades	$247,500	$247,500	$244,433	$190,337	$57,163
16. Upgrade PA System (Stark)	$145,200	$145,200	$99,162	$99,162	$46,038
17. Upgrade PA System (EC Scope)	$198,000	$198,000	$198,000	$47,633	$150,367
18. New Interior Directional Signage (Budget NTE) (Moved to Phase 2)	$0	$0	$0	$0	$0
Site					$0
1. Resurface Tennis Courts	$132,000	$105,206	$101,676	$96,378	$35,622
Subtotal High School	**$3,758,700**	**$3,685,522**	**$3,539,753**	**$3,890,988**	**$132,288**

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	Original Budget	Schematic Estimate	Design Development	SED Submission	Variance
Transportation					
Additions					
1. Administrative Building	$2,640,000	$2,950,263	$3,453,090	$3,353,123	$713,123
2. Generator (125kw)	$198,000	$198,000	$293,140	$313,206	$115,206
3. Bus Wash Bay	$514,800	$615,256	$617,279	$744,397	$229,597
Renovations					
1. Roofing Restoration (Scope Removed)	$199,056	$162,447	$160,056	$0	$199,056
2. Boiler Replacement	$611,820	$611,820	$274,557	$263,992	$347,828
3. Bus Garage Light Reno, OH Door Replacement & Concrete Apron	$922,680	$1,112,464	$962,998	$861,612	$61,068
4. Bus Lift (State Contract: Filtrek)	$594,000	$594,000	$594,000	$594,000	$0
5. Vehicle Exhaust & Fluids Systems	$158,400	$158,400	$158,400	$147,864	$10,536
6. Power Requirements & Security Replacements	$92,400	$135,000	$156,192	$148,503	$56,103
Site					
1. Asphalt & Lighting	$336,600	$336,600	$603,846	$584,797	$248,197
2. Underground Conduits For Future EV (Removed)	$99,000	$99,000	$99,000	$0	$99,000
Subtotal Transportation	**$6,366,756**	**$6,973,250**	**$7,372,558**	**$7,011,494**	**$644,738**

	Original Budget	Schematic Estimate	Design Development	SED Submission	Variance
Morton Building					
Renovations					
1. Fire Alarm, Network Cabling & Cameras	$125,400	$125,400	$125,400	$49,552	$75,848
Subtotal Morton Building	**$125,400**	**$125,400**	**$125,400**	**$49,552**	**$75,848**

Description	Construction Value
Capital Project Add Alternates Phase 1	
High School	
1. Gymnasium Lighting Replacements (Gym 2, 3)	$202,936
2. Additional Theatrical Lighting and Audio (LED Stage Fixtures and Audio System)	$187,255
3. Basement Corridor Flooring	$85,963
Site	
1. Mowstrip, Backstop and fencing at Athletic Fields (Moved to Phase 2)	N/A
Transportation Building	
1. Snow Melt Systems at Transportation (Zone 3,4)	$99,864
2. Existing Bus Garage Fiber Cement Panels	$101,913
Subtotal Alternates	**$677,931**

Description	Proposed Action	Value
Capital Project Deduct Alternates		
Elementary School		
1. Refinish Gym Floor 138		($37,727)
Middle School		
1. Replace Window Shades		($89,060)
High School		
1. Custodial Closet Room Renovations		TBD
2. Floor Replacement: Abatement & New RM219		($27,438)
3. Renovate Tech Shop		($76,239)
4. Pool Wall Expansion Joints		($63,288)
5. Weight Room HVAC Upgrades and Lighting		($190,246)
Morton Building		
1. Fire Alarm, Network Cabling & Cameras		($49,552)
Site		
1. Resurface Tennis Courts		($96,378)
Transportation Building		
1. Vehicle Service Fluids System		($92,516)
2. Reduce Bus Lifts		($250,000)
3. Generator (125kw)		($313,128)
Subtotal Alternates		**($1,285,572)**

Location	Location2	Area	Group	Description	Takeoff Quantity	Labor Amount	Material Amount	Equip Amount	Total Cost/Unit	Total Amount	Location	Location2	Area
00 Main Build													
	Renovation												
		Upgrade PA											
			260000.000	*Electrical*									
				Demolition Cut & Patch	1.00 ls	11,358	1,307	1,914	14,579.83 /ls	14,580	00 Main Build	Renovation	Upgrade PA
				Misc. Equipment Connections(Media, Admin, Horns)	25.00 ea	7,887	11,985		794.90 /ea	19,873	00 Main Build	Renovation	Upgrade PA
				UPS Connections	1.00 ea	2,524	2,179		4,703.08 /ea	4,703	00 Main Build	Renovation	Upgrade PA
				Electrical		*21,769*	*15,472*	*1,914*	*/sf*	*39,155*			
			270000.000	*Tel / Data*									
				Demolition Cut & Patch	1.00 ls	22,716		3,829	26,544.71 /ls	26,545	00 Main Build	Renovation	Upgrade PA
				Surface Mounted Raceway	500.00 lf	12,620	19,612		64.46 /lf	32,232	00 Main Build	Renovation	Upgrade PA
				CAT 6	15,300.00 lf	28,963	16,003		2.94 /lf	44,966	00 Main Build	Renovation	Upgrade PA
				Tel / Data		*64,298*	*35,615*	*3,829*	*/sf*	*103,743*			
				Upgrade PA		*86,068*	*51,087*	*5,743*		*142,898*			
				Renovation		**86,068**	**51,087**	**5,743**		**142,898**			
				00 Main Build		***86,068***	***51,087***	***5,743***		***142,898***			
Location	**Location2**	**Area**	**Group**	**Description**	**Takeoff Quantity**	**Labor Amount**	**Material Amount**	**Equip Amount**	**Total Cost/Unit**	**Total Amount**	**Location**	**Location2**	**Area**
01 Elementary													
	Renovation												
		Gym											
			024100.000	*Demolition*									
				Demolition SF	500.00 sf	6,217		1,595	15.63 /sf	7,813	01 Elementary	Renovation	Gym
				Remove Floor Finish	3,675.00 sf	1,904	1,281	931	1.12 /sf	4,116	01 Elementary	Renovation	Gym
				Gym Wall Pads	1,350.00 sf	2,238		308	1.89 /sf	2,546	01 Elementary	Renovation	Gym
				Demolition		*10,360*	*1,281*	*2,834*	*/sf*	*14,475*			
			025000.000	*Hazardous Materials*									
				Decon & Mobilization	1.00 ea	3,316	1,743	912	5,970.81 /ea	5,971	01 Elementary	Renovation	Gym
				ACM Walls	1,350.00 sf	19,185	1,177	7,033	20.29 /sf	27,394	01 Elementary	Renovation	Gym
				Hazardous Materials		*22,501*	*2,920*	*7,944*	*/ls*	*33,365*			
			080000.000	*Doors & Windows*									
				Threshold	4.00 ea	150			37.42 /ea	150	01 Elementary	Renovation	Gym
				Doors & Windows		*150*			*/sf*	*150*			
			090000.000	*Finishes*									
				Refinish Wood Flooring	3,675.00 sf	22,257	8,008	3,350	9.15 /sf	33,615	01 Elementary	Renovation	Gym
				Paint Floor	3,600.00 sf	3,979	7,845	547	3.44 /sf	12,371	01 Elementary	Renovation	Gym
				Finishes		*26,236*	*15,853*	*3,897*	*/sf*	*45,986*			
			110000.000	*Equipment*									
				Wall Pads	1,350.00 sf	8,084	44,715		39.11 /sf	52,800	01 Elementary	Renovation	Gym
				Equipment		*8,084*	*44,715*		*/sf*	*52,800*			
				Gym		*67,330*	*64,770*	*14,675*		*146,775*			
		Restrooms											
			024100.000	*Demolition*									
				Demolition SF	300.00 sf	2,487		638	10.42 /sf	3,125	01 Elementary	Renovation	Restrooms
				Demolition		*2,487*		*638*	*/sf*	*3,125*			
			025000.000	*Hazardous Materials*									
				Decon & Mobilization	1.00 ea	3,316	1,743	912	5,970.86 /ea	5,971	01 Elementary	Renovation	Restrooms
				Floor	330.00 sf	1,641	288	602	7.67 /sf	2,531	01 Elementary	Renovation	Restrooms
				ACM Walls	1,200.00 sf	17,053	1,046	6,251	20.29 /sf	24,350	01 Elementary	Renovation	Restrooms
				Fireproofing	330.00 sf	4,103	575	1,504	18.74 /sf	6,183	01 Elementary	Renovation	Restrooms
				ACM Gypsum Ceiling	330.00 sf	4,103	431	1,504	18.30 /sf	6,039	01 Elementary	Renovation	Restrooms
				Hazardous Materials		*30,217*	*4,084*	*10,773*	*/ls*	*45,074*			
			070000.000	*Thermal & Moisture*									
				Sprayed on Fireproofing	330.00 sf	2,041	1,151	421	10.95 /sf	3,613	01 Elementary	Renovation	Restrooms
				Thermal & Moisture		*2,041*	*1,151*	*421*	*/sf*	*3,613*			
			080000.000	*Doors & Windows*									
				Hollow Metal Frame	2.00 ea	507	523		515.01 /ea	1,030	01 Elementary	Renovation	Restrooms
				HM Door	2.00 ea	507	1,220		863.67 /ea	1,727	01 Elementary	Renovation	Restrooms
				Hardware Sets	2.00 ea	2,028	3,487		2,757.35 /ea	5,515	01 Elementary	Renovation	Restrooms
				Doors & Windows		*3,042*	*5,230*		*/sf*	*8,272*			
			090000.000	*Finishes*									
				Floor Tile	300.00 sf	3,395	3,138	205	22.46 /sf	6,738	01 Elementary	Renovation	Restrooms
				Wall Tile	1,200.00 sf	18,105	11,506	1,094	25.59 /sf	30,705	01 Elementary	Renovation	Restrooms
				Acoustical Ceiling	330.00 sf	1,339	2,013	30	10.25 /sf	3,382	01 Elementary	Renovation	Restrooms
				Finishes		*22,839*	*16,657*	*1,329*	*/sf*	*40,825*			
			100000.000	*Specialties*									
				Toilet Compartments	2.00 ea	507	3,835		2,171.13 /ea	4,342	01 Elementary	Renovation	Restrooms
				ADA Toilet Compartments	2.00 ea	676	6,276		3,475.95 /ea	6,952	01 Elementary	Renovation	Restrooms

				Toilet Accessories	17.00	ea	1,724	2,815		267.02	/ea	4,539	01 Elementary	Renovation	Restrooms
				Specialties			*2,907*	*12,926*			*/sf*	*15,833*			
			220000.000	*Plumbing Systems*											
				Demolition Cut & Patch	1.00	ls	7,000	1,307	1,276	9,584.01	/ls	9,584	01 Elementary	Renovation	Restrooms
				Lavatories	4.00	ea	1,750	5,230		1,744.98	/ea	6,980	01 Elementary	Renovation	Restrooms
				Toilets	4.00	ea	2,333	6,973		2,326.64	/ea	9,307	01 Elementary	Renovation	Restrooms
				Plumbing Systems			*11,084*	*13,510*	*1,276*		*/sf*	*25,870*			
			260000.000	*Electrical*											
				Electric Demo	300.00	sf	988	52	166	4.02	/sf	1,206	01 Elementary	Renovation	Restrooms
				Power Distribution	300.00	sf	2,065	1,569		12.11	/sf	3,634	01 Elementary	Renovation	Restrooms
				3/4" Rigid	30.00	lf	473	139	17	20.98	/lf	629	01 Elementary	Renovation	Restrooms
				3/4" EMT	65.00	lf	447	130		8.89	/lf	578	01 Elementary	Renovation	Restrooms
				#12 Wire	96.00	lf	110	42		1.58	/lf	152	01 Elementary	Renovation	Restrooms
				MC Cable	20.00	lf	56	78		6.71	/lf	134	01 Elementary	Renovation	Restrooms
				#12 Wire	388.00	lf	445	169		1.58	/lf	614	01 Elementary	Renovation	Restrooms
				Duplex	2.00	ea	316	209		262.35	/ea	525	01 Elementary	Renovation	Restrooms
				Hand Dryer	2.00	ea	473	1,743		1,108.27	/ea	2,217	01 Elementary	Renovation	Restrooms
				Vacancy Sensor	2.00	ea	291	349		319.94	/ea	640	01 Elementary	Renovation	Restrooms
				Wall Switch	2.00	ea	252	139		195.94	/ea	392	01 Elementary	Renovation	Restrooms
				LF8	4.00	ea	1,262	2,615		969.23	/ea	3,877	01 Elementary	Renovation	Restrooms
				Electrical			*7,179*	*7,235*	*184*		*/sf*	*14,598*			
				Restrooms			*81,796*	*60,793*	*14,621*			*157,210*			
				Renovation			**149,126**	**125,563**	**29,297**			**303,986**			
				01 Elementary			***149,126***	***125,563***	***29,297***			***303,986***			

Location	Location2	Area	Group	Description	Takeoff Quantity		Labor Amount	Material Amount	Equip Amount	Total Cost/Unit		Total Amount	Location	Location2	Area
02 Middle															
	Renovation														
		Boiler Replace													
			025000.000	*Hazardous Materials*											
				Asbestos Abatement Allowance	1.00	ls	9,948	8,716	2,735	21,399.04	/ls	21,399	02 Middle	Renovation	Boiler Replace
				Hazardous Materials			*9,948*	*8,716*	*2,735*		*/ls*	*21,399*			
			220000.000	*Plumbing Systems*											
				Tap Into Existing Water	1.00	ea	249	26	64	338.66	/ea	339	02 Middle	Renovation	Boiler Replace
				2" Thrd Sched 40	100.00	lf	3,646	3,556	38	72.40	/lf	7,240	02 Middle	Renovation	Boiler Replace
				Plumbing Systems			*3,895*	*3,582*	*101*		*/sf*	*7,578*			
			230000.000	*HVAC Systems*											
				Demolition Cut & Patch	1.00	ls	35,001	1,307	6,382	42,690.19	/ls	42,690	02 Middle	Renovation	Boiler Replace
				Controls	1.00	ls	29,508	34,866		64,374.12	/ls	64,374	02 Middle	Renovation	Boiler Replace
				3" Type L Copper	100.00	lf	4,167	11,148	163	154.78	/lf	15,478	02 Middle	Renovation	Boiler Replace
				4" Type L Copper	100.00	lf	5,932	18,418	232	245.82	/lf	24,582	02 Middle	Renovation	Boiler Replace
				6" Type L Copper	80.00	lf	7,000	40,398	274	595.90	/lf	47,672	02 Middle	Renovation	Boiler Replace
				Pumps	3.00	ea	3,500	28,764		10,754.79	/ea	32,264	02 Middle	Renovation	Boiler Replace
				6" Boiler Flue	50.00	lf	7,021	3,202		204.46	/lf	10,223	02 Middle	Renovation	Boiler Replace
				Boiler	3.00	ea	42,001	235,344	5,470	94,271.72	/ea	282,815	02 Middle	Renovation	Boiler Replace
				Expansion Tank	3.00	ea	1,750	2,223		1,324.25	/ea	3,973	02 Middle	Renovation	Boiler Replace
				HVAC Systems			*135,881*	*375,670*	*12,519*		*/sf*	*524,071*			
			260000.000	*Electrical*											
				EM Stop Switch	1.00	ea	2,495	784	228	3,507.85	/ea	3,508	02 Middle	Renovation	Boiler Replace
				Pump Connections	2.00	ea	631	959		794.90	/ea	1,590	02 Middle	Renovation	Boiler Replace
				Boiler Connections	3.00	ea	7,572	6,537		4,703.08	/ea	14,109	02 Middle	Renovation	Boiler Replace
				Electrical			*10,698*	*8,281*	*228*		*/sf*	*19,207*			
				Boiler Replace			*160,422*	*396,250*	*15,584*			*572,256*			
		Pool Chair													
			130000.000	*Special Construction*											
				Pool Handicap Chair	1.00	ea	7,461	17,433	1,914	26,808.11	/ea	26,808	02 Middle	Renovation	Pool Chair
				Special Construction			*7,461*	*17,433*	*1,914*		*/sf*	*26,808*			
			260000.000	*Electrical*											
				Misc. Equipment Connections	1.00	ea	315	479		794.89	/ea	795	02 Middle	Renovation	Pool Chair
				Electrical			*315*	*479*			*/sf*	*795*			
				Pool Chair			*7,776*	*17,912*	*1,914*			*27,603*			
		Pool Dehumid													
			130000.000	*Special Construction*											
				Demolition Cut & Patch	1.00	ls	24,869		6,381	31,250.63	/ls	31,251	02 Middle	Renovation	Pool Dehumid
				Pool Dehumidification Unit	1.00	ea	12,435	383,523	3,191	399,148.66	/ea	399,149	02 Middle	Renovation	Pool Dehumid
				Minor Ductwork rework	1.00	ls	4,974	4,358	1,276	10,608.35	/ls	10,608	02 Middle	Renovation	Pool Dehumid
				Special Construction			*42,278*	*387,882*	*10,849*		*/sf*	*441,008*			
			230000.000	*HVAC Systems*											
				Duct Cleaning	1.00	ls	17,501	1,307	3,191	21,998.83	/ls	21,999	02 Middle	Renovation	Pool Dehumid
				HVAC Systems			*17,501*	*1,307*	*3,191*		*/sf*	*21,999*			
			260000.000	*Electrical*											

				Large HVAC Equipment Connections	1.00 ea	2,524	2,179		4,703.08 /ea	4,703	02 Middle	Renovation	Pool Dehumid
				Electrical		*2,524*	*2,179*		/sf	*4,703*			
				Pool Dehumid		*62,302*	*391,368*	*14,039*		*467,710*			
		Replace Shades											
			024100.000	*Demolition*									
				Window Treatment	6,500.00 sf	10,777			1.66 /sf	10,777	02 Middle	Renovation	Replace Shades
				Demolition		*10,777*			/sf	*10,777*			
			120000.000	*Furnishings*									
				Roller Shades	6,500.00 sf	32,957	45,325		12.04 /sf	78,282	02 Middle	Renovation	Replace Shades
				Furnishings		*32,957*	*45,325*		/sf	*78,282*			
				Replace Shades		*43,734*	*45,325*			*89,059*			
		Water Heater											
			220000.000	*Plumbing Systems*									
				Demolition Cut & Patch	1.00 ls	7,000	1,307	1,276	9,584.01 /ls	9,584	02 Middle	Renovation	Water Heater
				Connections / Piping Modifications	1.00 ls	5,250	2,615	957	8,822.34 /ls	8,822	02 Middle	Renovation	Water Heater
				Mixing Valve	1.00 ea	1,167	436		1,602.54 /ea	1,603	02 Middle	Renovation	Water Heater
				Hot Water Heater	2.00 ea	14,000	52,299		33,149.56 /ea	66,299	02 Middle	Renovation	Water Heater
				2-1/2" Thrd Sched 40	10.00 lf	467	581	4	105.13 /lf	1,051	02 Middle	Renovation	Water Heater
				2" Thrd Sched 40	10.00 lf	538	760	4	130.25 /lf	1,302	02 Middle	Renovation	Water Heater
				4" Welded Steel	20.00 lf	1,400	788	146	116.70 /lf	2,334	02 Middle	Renovation	Water Heater
				6" Welded Steel	30.00 lf	3,500	1,736	365	186.70 /lf	5,601	02 Middle	Renovation	Water Heater
				Connect to Existing Gas	1.00 ls	1,161	1,307	2,261	4,728.91 /ls	4,729	02 Middle	Renovation	Water Heater
				Plumbing Systems		*34,484*	*61,830*	*5,012*	/sf	*101,326*			
			260000.000	*Electrical*									
				Water Heater Connections	2.00 ea	631	959		794.90 /ea	1,590	02 Middle	Renovation	Water Heater
				Electrical		*631*	*959*		/sf	*1,590*			
				Water Heater		*35,115*	*62,789*	*5,012*		*102,915*			
				Renovation		**309,349**	**913,644**	**36,550**		**1,259,543**			
				02 Middle		***309,349***	***913,644***	***36,550***		***1,259,543***			

Location	Location2	Area	Group	Description	Takeoff Quantity	Labor Amount	Material Amount	Equip Amount	Total Cost/Unit	Total Amount	Location	Location2	Area
03 High School													
	Renovation												
		Auditorium											
			024100.000	*Demolition*									
				Sand Stage	2,850.00 sf	305	174		0.17 /sf	479	03 High School	Renovation	Auditorium
				Metal Stud & Drywall	120.00 sf	398		22	3.50 /sf	420	03 High School	Renovation	Auditorium
				Railing	80.00 lf	531		146	8.46 /lf	676	03 High School	Renovation	Auditorium
				Folding Partition	2,000.00 sf	3,316		456	1.89 /sf	3,772	03 High School	Renovation	Auditorium
				Patching	350.00 sf	1,775	763		7.25 /sf	2,537	03 High School	Renovation	Auditorium
				Demolition		*6,324*	*937*	*624*	/sf	*7,884*			
			050000.000	*Metals*									
				Misc Metals (ls)	1.00 ls	436	1,743	18	2,197.43 /ls	2,197	03 High School	Renovation	Auditorium
				Int. Wall Mounted Rails	80.00 lf	3,488	17,433	219	264.24 /lf	21,139	03 High School	Renovation	Auditorium
				Metals		*3,923*	*19,176*	*237*	/sf	*23,337*			
			080000.000	*Doors & Windows*									
				Hollow Metal Frame	1.00 ea	254	262		515.02 /ea	515	03 High School	Renovation	Auditorium
				Wood Door	1.00 ea	317	1,220		1,537.19 /ea	1,537	03 High School	Renovation	Auditorium
				Hardware Sets	1.00 ea	1,014	1,743		2,757.36 /ea	2,757	03 High School	Renovation	Auditorium
				Doors & Windows		*1,584*	*3,225*		/sf	*4,810*			
			090000.000	*Finishes*									
				Refinish Wood Flooring	2,850.00 sf	17,260	6,210	2,598	9.15 /sf	26,069	03 High School	Renovation	Auditorium
				Painting	500.00 sf	474	872	13	2.72 /sf	1,358	03 High School	Renovation	Auditorium
				Finishes		*17,734*	*7,082*	*2,611*	/sf	*27,428*			
			110000.000	*Equipment*									
				Theatre Curtains	1.00 ls	737	1,743	128	2,608.13 /ls	2,608	03 High School	Renovation	Auditorium
				Equipment		*737*	*1,743*	*128*	/sf	*2,608*			
			260000.000	*Electrical*									
				Theatrical Lighting	1.00 ls	30,288	304,204	5,105	339,596.65 /ls	339,597	03 High School	Renovation	Auditorium
				Tormentor Pipes	1.00 ls	379	4,358	64	4,800.65 /ls	4,801	03 High School	Renovation	Auditorium
				Removals	1.00 ls	10,601		1,787	12,387.51 /ls	12,388	03 High School	Renovation	Auditorium
				Related Electric (House and Aisle Lights)	1.00 ls	30,288	181,302	5,105	216,694.89 /ls	216,695	03 High School	Renovation	Auditorium
				Electrical		*71,555*	*489,864*	*12,061*	/sf	*573,480*			
			270000.000	*Tel / Data*									
				Projector	3.00 ea	4,974	20,135		8,369.60 /ea	25,109	03 High School	Renovation	Auditorium
				Tel / Data		*4,974*	*20,135*		/sf	*25,109*			
				Auditorium		*106,832*	*542,162*	*15,660*		*664,654*			
		Cafe HVAC											
			230000.000	*HVAC Systems*									
				Demolition Cut & Patch	1.00 ls	7,000	1,307	1,276	9,584.00 /ls	9,584	03 High School	Renovation	Cafe HVAC
				Controls	1.00 ls	9,836	8,716		18,552.56 /ls	18,553	03 High School	Renovation	Cafe HVAC

		Make Up Air Unit	2.00	ea	10,500	101,111	2,735	57,172.99	/ea	114,346	03 High School	Renovation	Cafe HVAC
		HVAC Systems			*27,337*	*111,135*	*4,011*		*/sf*	*142,483*			
	260000.000	*Electrical*											
		Small HVAC Equipment Connections	2.00	ea	3,786	959		2,372.39	/ea	4,745	03 High School	Renovation	Cafe HVAC
		Electrical			*3,786*	*959*			*/sf*	*4,745*			
		Cafe HVAC			*31,123*	*112,093*	*4,011*			*147,227*			
Fiber Upgrades													
	270000.000	*Tel / Data*											
		Fiber Optic Cable	7,000.00	lf	26,502	61,015		12.50	/lf	87,517	03 High School	Renovation	Fiber Upgrades
		Fiber Optic Terminations	26.00	ea	12,304	907		508.11	/ea	13,211	03 High School	Renovation	Fiber Upgrades
		Tel / Data			*38,806*	*61,922*			*/sf*	*100,728*			
		Fiber Upgrades			*38,806*	*61,922*				*100,728*			
Gym													
	024100.000	*Demolition*											
		Remove Floor Finish	15,000.00	sf	7,772	5,230	3,799	1.12	/sf	16,800	03 High School	Renovation	Gym
		Gym Wall Pads	4,100.00	sf	6,798		934	1.89	/sf	7,732	03 High School	Renovation	Gym
		Door & Frame	4.00	ea	1,105			276.32	/ea	1,105	03 High School	Renovation	Gym
		Gym Divider	1,400.00	sf	3,316		456	2.69	/sf	3,772	03 High School	Renovation	Gym
		Basketball Backstop	4.00	ea	1,658		228	471.47	/ea	1,886	03 High School	Renovation	Gym
		Demolition			*20,648*	*5,230*	*5,417*		*/sf*	*31,295*			
	025000.000	*Hazardous Materials*											
		Decon & Mobilization	1.00	ea	6,632	1,743	1,823	10,198.35	/ea	10,198	03 High School	Renovation	Gym
		Floor	2,300.00	sf	11,440	2,005	4,194	7.67	/sf	17,638	03 High School	Renovation	Gym
		Hazardous Materials			*18,072*	*3,748*	*6,017*		*/ls*	*27,836*			
	050000.000	*Metals*											
		Misc Metals (ls)	1.00	ls	2,180	8,716	638	11,534.28	/ls	11,534	03 High School	Renovation	Gym
		Metals			*2,180*	*8,716*	*638*		*/sf*	*11,534*			
	080000.000	*Doors & Windows*											
		Double Hollow Metal Frame	1.00	ea	254	305		558.58	/ea	559	03 High School	Renovation	Gym
		Wood Door	10.00	ea	3,169	12,203		1,537.20	/ea	15,372	03 High School	Renovation	Gym
		Hardware Sets	10.00	ea	12,676	26,149		3,882.51	/ea	38,825	03 High School	Renovation	Gym
		Threshold	6.00	ea	225			37.42	/ea	225	03 High School	Renovation	Gym
		Doors & Windows			*16,323*	*38,657*			*/sf*	*54,980*			
	090000.000	*Finishes*											
		Sprayed Acoustical Finish	1,250.00	sf	12,676	10,896		18.86	/sf	23,571	03 High School	Renovation	Gym
		Metal Stud & Drywall Partition 2 Sided	100.00	sf	1,155	1,255		24.10	/sf	2,410	03 High School	Renovation	Gym
		Refinish Wood Flooring	15,000.00	sf	90,845	33,994	13,675	9.23	/sf	138,513	03 High School	Renovation	Gym
		Resilient Athletic Flooring	2,300.00	sf	25,422	30,072		24.13	/sf	55,494	03 High School	Renovation	Gym
		Paint Floor	15,000.00	sf	16,579	32,687	2,279	3.44	/sf	51,545	03 High School	Renovation	Gym
		Finishes			*146,677*	*108,903*	*15,954*		*/sf*	*271,534*			
	110000.000	*Equipment*											
		Basketball Backboards	4.00	ea	4,056	87,164	912	23,033.07	/ea	92,132	03 High School	Renovation	Gym
		Wall Pads	4,500.00	sf	8,084	149,051		34.92	/sf	157,136	03 High School	Renovation	Gym
		Gym Divider Curtain (Gym 2)(Motorized)	1,750.00	sf	1,730	54,914	245	32.51	/sf	56,889	03 High School	Renovation	Gym
		Gym Divider Curtain (Gym 3)	1,800.00	sf	3,213	47,069	456	28.19	/sf	50,738	03 High School	Renovation	Gym
		Gym Divider Curtain (Gym 2)	1,500.00	sf	1,483	39,224	210	27.28	/sf	40,917	03 High School	Renovation	Gym
		Batting Cage	1.00	ea	3,213	13,946	456	17,615.38	/ea	17,615	03 High School	Renovation	Gym
		Equipment			*21,780*	*391,368*	*2,279*		*/sf*	*415,428*			
	260000.000	*Electrical*											
		Misc. Equipment Connections	9.00	ea	7,572	4,315		1,320.73	/ea	11,887	03 High School	Renovation	Gym
		Electrical			*7,572*	*4,315*			*/sf*	*11,887*			
		Gym			*233,251*	*560,938*	*30,305*			*824,494*			
H Hallways													
	024100.000	*Demolition*											
		Acoustic Tile & Grid	5,000.00	sf	6,377		526	1.38	/sf	6,903	03 High School	Renovation	H Hallways
		Door & Frame	1.00	ea	276			276.34	/ea	276	03 High School	Renovation	H Hallways
		Door & Hardware	9.00	ea	933			103.62	/ea	933	03 High School	Renovation	H Hallways
		Lockers	20.00	ea	1,382			69.08	/ea	1,382	03 High School	Renovation	H Hallways
		Visual Displays	8.00	ea	414			51.81	/ea	414	03 High School	Renovation	H Hallways
		Display Case	1.00	ea	276			276.32	/ea	276	03 High School	Renovation	H Hallways
		AED	1.00	ea	104			103.62	/ea	104	03 High School	Renovation	H Hallways
		Demolition			*9,762*		*526*		*/sf*	*10,288*			
	025000.000	*Hazardous Materials*											
		Decon & Mobilization	2.00	ea	13,264	3,487	3,647	10,198.36	/ea	20,397	03 High School	Renovation	H Hallways
		Floor	5,000.00	sf	24,869	4,358	9,116	7.67	/sf	38,344	03 High School	Renovation	H Hallways
		Floor (2nd Floor)		***sf***					***/sf***		***03 High School***	***Renovation***	***H Hallways***
		ACM Gypsum Ceiling	5,000.00	sf	62,173	6,537	22,791	18.30	/sf	91,501	03 High School	Renovation	H Hallways
		Hazardous Materials			*100,306*	*14,382*	*35,554*		*/ls*	*150,242*			
	040000.000	*Masonry*											
		CMU 8" sf	100.00	sf	2,282	1,236	128	36.45	/sf	3,645	03 High School	Renovation	H Hallways

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	Masonry			*2,282*	*1,236*	*128*		*/sf*	*3,645*			
060000.000	*Wood & Plastics*											
	Wood Benches		***sf***					***/sf***		***03 High School***	***Renovation***	***H Hallways***
080000.000	*Doors & Windows*											
	Aluminum Frame	3.00	ea	1,521	2,876		1,465.84	/ea	4,398	03 High School	Renovation	H Hallways
	FRP Doors	3.00	ea	1,521	3,399		1,640.16	/ea	4,920	03 High School	Renovation	H Hallways
	Hardware Sets	3.00	ea	3,803	7,845		3,882.51	/ea	11,648	03 High School	Renovation	H Hallways
	Doors & Windows			*6,845*	*14,121*			*/sf*	*20,966*			
090000.000	*Finishes*											
	Floor Tile	150.00	sf	1,697	1,569	103	22.46	/sf	3,369	03 High School	Renovation	H Hallways
	Wall Tile	300.00	sf	4,526	2,876	274	25.59	/sf	7,676	03 High School	Renovation	H Hallways
	Acoustical Ceiling	5,000.00	sf	20,281	30,508	456	10.25	/sf	51,245	03 High School	Renovation	H Hallways
	Resilient Flooring - LVT	4,800.00	sf	28,939	58,574	1,591	18.56	/sf	89,104	03 High School	Renovation	H Hallways
	Resilient Flooring - LVT (2nd Floor)		***sf***					***/sf***		***03 High School***	***Renovation***	***H Hallways***
	Digital Graphics Wall Graphics	2,200.00	sf	14,590	57,529		32.78	/sf	72,118	03 High School	Renovation	H Hallways
	HPL	100.00	sf	332	2,092		24.24	/sf	2,424	03 High School	Renovation	H Hallways
	Painting	12,500.00	sf	11,842	21,791	326	2.72	/sf	33,959	03 High School	Renovation	H Hallways
	Refinish Wood Doors	6.00	ea	414	366		130.09	/ea	781	03 High School	Renovation	H Hallways
	Finishes			*82,622*	*175,305*	*2,749*		*/sf*	*260,676*			
100000.000	*Specialties*											
	Display Case	225.00	sf	4,948	49,030		239.90	/sf	53,978	03 High School	Renovation	H Hallways
	Specialties			*4,948*	*49,030*			*/sf*	*53,978*			
230000.000	*HVAC Systems*											
	Cabinet Unit Heater	2.00	ea	3,500	5,230		4,364.99	/ea	8,730	03 High School	Renovation	H Hallways
	HVAC Systems			*3,500*	*5,230*			*/sf*	*8,730*			
260000.000	*Electrical*											
	Demolition Cut & Patch	1.00	ls	18,930	1,307	3,191	23,428.08	/ls	23,428	03 High School	Renovation	H Hallways
	3/4" Sched 40	500.00	lf	5,215	723		11.88	/lf	5,938	03 High School	Renovation	H Hallways
	MC Cable	405.00	lf	1,136	1,582		6.71	/lf	2,717	03 High School	Renovation	H Hallways
	#12 Wire	2,500.00	lf	2,868	1,090		1.58	/lf	3,958	03 High School	Renovation	H Hallways
	Misc. Equipment Connections	2.00	ea	631	959		794.91	/ea	1,590	03 High School	Renovation	H Hallways
	Vacancy Sensor	4.00	ea	582	697		319.94	/ea	1,280	03 High School	Renovation	H Hallways
	Wall Switch	4.00	ea	505	279		195.92	/ea	784	03 High School	Renovation	H Hallways
	LF1	6.00	ea	1,893	2,615		751.32	/ea	4,508	03 High School	Renovation	H Hallways
	LF2	2.00	ea	631	872		751.31	/ea	1,503	03 High School	Renovation	H Hallways
	LF3	16.00	ea	5,048	25,382		1,901.89	/ea	30,430	03 High School	Renovation	H Hallways
	LF4	45.00	ea	14,197	21,181		786.19	/ea	35,378	03 High School	Renovation	H Hallways
	Exit Light	12.00	ea	2,524	1,883		367.23	/ea	4,407	03 High School	Renovation	H Hallways
	Electrical			*54,160*	*58,570*	*3,191*		*/sf*	*115,920*			
280000.000	*Security / Alarm Systems*											
	CAT 6	200.00	lf	379	209		2.94	/lf	588	03 High School	Renovation	H Hallways
	Indoor IP Camera	2.00	ea	946	4,184		2,565.19	/ea	5,130	03 High School	Renovation	H Hallways
	Fire Alarm Raceway	360.00	lf	3,407	1,412		13.39	/lf	4,819	03 High School	Renovation	H Hallways
	Fire Alarm Cabling	3,600.00	lf	5,048	2,510		2.10	/lf	7,558	03 High School	Renovation	H Hallways
	Fire Alarm Devices	36.00	ea	5,679	11,924		488.97	/ea	17,603	03 High School	Renovation	H Hallways
	Security / Alarm Systems			*15,459*	*20,240*			*/sf*	*35,699*			
	H Hallways			***279,884***	***338,112***	***42,147***			***660,143***			
Janitor and Bathroom												
024100.000	*Demolition*											
	Demolition SF	750.00	sf	9,326		2,393	15.63	/sf	11,719	03 High School	Renovation	Janitor and Bathroom
	Demolition			*9,326*		*2,393*		*/sf*	*11,719*			
025000.000	*Hazardous Materials*											
	Decon & Mobilization	1.00	ea	13,264	3,487	3,647	20,396.69	/ea	20,397	03 High School	Renovation	Janitor and Bathroom
	Floor	370.00	sf	1,840	323	675	7.67	/sf	2,837	03 High School	Renovation	Janitor and Bathroom
	ACM Walls	2,100.00	sf	29,843	1,830	10,940	20.29	/sf	42,613	03 High School	Renovation	Janitor and Bathroom
	Fireproofing	220.00	sf	2,736	384	1,003	18.74	/sf	4,122	03 High School	Renovation	Janitor and Bathroom
	ACM Gypsum Ceiling	190.00	sf	2,363	248	866	18.30	/sf	3,477	03 High School	Renovation	Janitor and Bathroom
	Hazardous Materials			*50,045*	*6,271*	*17,130*		*/ls*	*73,446*			
070000.000	*Thermal & Moisture*											
	Sprayed on Fireproofing	220.00	sf	1,361	767	281	10.95	/sf	2,408	03 High School	Renovation	Janitor and Bathroom
	Thermal & Moisture			*1,361*	*767*	*281*		*/sf*	*2,408*			
080000.000	*Doors & Windows*											
	Hollow Metal Frame	8.00	ea	2,028	2,092		515.01	/ea	4,120	03 High School	Renovation	Janitor and Bathroom
	Wood Door	8.00	ea	2,535	9,762		1,537.20	/ea	12,298	03 High School	Renovation	Janitor and Bathroom
	Hardware Sets	8.00	ea	8,112	13,946		2,757.35	/ea	22,059	03 High School	Renovation	Janitor and Bathroom
	Doors & Windows			*12,676*	*25,801*			*/sf*	*38,476*			
090000.000	*Finishes*											
	Drywall Ceiling	350.00	sf	4,287	4,576	97	25.60	/sf	8,960	03 High School	Renovation	Janitor and Bathroom
	Epoxy Flooring - General Polymers / Sherwin Williams	690.00	sf	10,668	7,217	629	26.83	/sf	18,514	03 High School	Renovation	Janitor and Bathroom
	Acoustical Ceiling	320.00	sf	1,298	1,952	29	10.25	/sf	3,280	03 High School	Renovation	Janitor and Bathroom

		Epoxy Paint	2,430.00	sf	4,029	7,413	332	4.85	/sf	11,774	03 High School	Renovation	Janitor and Bathroom
		Stainless Panels	350.00	sf	2,830	7,322		29.00	/sf	10,151	03 High School	Renovation	Janitor and Bathroom
		Finishes			*23,111*	*28,481*	*1,087*		*/sf*	*52,680*			
	100000.000	*Specialties*											
		Metal Storage Shelving	400.00	sf	3,316	10,460		34.44	/sf	13,776	03 High School	Renovation	Janitor and Bathroom
		Toilet Accessories	18.00	ea	1,825	2,981		267.02	/ea	4,806	03 High School	Renovation	Janitor and Bathroom
		Specialties			*5,141*	*13,441*			*/sf*	*18,582*			
	220000.000	*Plumbing Systems*											
		Mop Sink	11.00	ea	3,850	14,382		1,657.48	/ea	18,232	03 High School	Renovation	Janitor and Bathroom
		Plumbing Systems			*3,850*	*14,382*			*/sf*	*18,232*			
	230000.000	*HVAC Systems*											
		RGD's	8.00	ea	780	1,185		245.69	/ea	1,966	03 High School	Renovation	Janitor and Bathroom
		HVAC Systems			*780*	*1,185*			*/sf*	*1,966*			
		Janitor and Bathroom			*106,290*	*90,328*	*20,891*			*217,509*			
Mat Hoists													
	050000.000	*Metals*											
		Misc Metals (ls)	1.00	ls	2,180	17,433	638	20,250.72	/ls	20,251	03 High School	Renovation	Mat Hoists
		Metals			*2,180*	*17,433*	*638*		*/sf*	*20,251*			
	110000.000	*Equipment*											
		Volleyball Sets	3.00	ea	12,169	108,520	820	40,502.96	/ea	121,509	03 High School	Renovation	Mat Hoists
		Equipment			*12,169*	*108,520*	*820*		*/sf*	*121,509*			
	260000.000	*Electrical*											
		Small Equipment Connections	3.00	ea	1,893	1,438		1,110.40	/ea	3,331	03 High School	Renovation	Mat Hoists
		Electrical			*1,893*	*1,438*			*/sf*	*3,331*			
		Mat Hoists			*16,241*	*127,391*	*1,459*			*145,091*			
Misc Doors													
	024100.000	*Demolition*											
		Door & Frame	10.00	ea	2,763			276.32	/ea	2,763	03 High School	Renovation	Misc Doors
		Door & Hardware	5.00	ea	518			103.62	/ea	518	03 High School	Renovation	Misc Doors
		Demolition			*3,281*				*/sf*	*3,281*			
	040000.000	*Masonry*											
		CMU Toothing / Patching	100.00	sf	2,282	1,236	128	36.45	/sf	3,645	03 High School	Renovation	Misc Doors
		Masonry			*2,282*	*1,236*	*128*		*/sf*	*3,645*			
	080000.000	*Doors & Windows*											
		Double Hollow Metal Frame	7.00	ea	1,775	2,136		558.59	/ea	3,910	03 High School	Renovation	Misc Doors
		Double Exterior HM Frame	1.00	ea	317	375		691.71	/ea	692	03 High School	Renovation	Misc Doors
		Modify and Reinstall Door	6.00	ea	2,282	523		467.44	/ea	2,805	03 High School	Renovation	Misc Doors
		HM Door	4.00	ea	1,014	2,441		863.67	/ea	3,455	03 High School	Renovation	Misc Doors
		HM Door	14.00	ea	3,549	8,542		863.67	/ea	12,091	03 High School	Renovation	Misc Doors
		Exterior HM Door	2.00	ea	254	3,138		1,695.72	/ea	3,391	03 High School	Renovation	Misc Doors
		Double Aluminum Frame	2.00	ea	1,268	2,789		2,028.42	/ea	4,057	03 High School	Renovation	Misc Doors
		FRP Doors	4.00	ea	2,028	4,533		1,640.17	/ea	6,561	03 High School	Renovation	Misc Doors
		Hardware Sets	18.00	ea	18,253	31,379		2,757.35	/ea	49,632	03 High School	Renovation	Misc Doors
		Threshold Replacement	4.00	ea	1,658	697		588.81	/ea	2,355	03 High School	Renovation	Misc Doors
		Security Film 23mil	600.00	sf	24,338	27,195		85.89	/sf	51,533	03 High School	Renovation	Misc Doors
		Doors & Windows			*56,734*	*83,748*			*/sf*	*140,482*			
		Misc Doors			*62,297*	*84,983*	*128*			*147,408*			
Orchestra HVAC													
	230000.000	*HVAC Systems*											
		Demolition Cut & Patch		***ls***					***/ls***		***03 High School***	***Renovation***	***Orchestra HVAC***
		Controls		***ls***					***/ls***		***03 High School***	***Renovation***	***Orchestra HVAC***
		Air Handing Unit (Refurbish Existing)		***ea***					***/ea***		***03 High School***	***Renovation***	***Orchestra HVAC***
Pool													
	024100.000	*Demolition*											
		Ceramic Wall Tile	120.00	sf	3,316		274	29.91	/sf	3,589	03 High School	Renovation	Pool
		Demolition			*3,316*		*274*		*/sf*	*3,589*			
	040000.000	*Masonry*											
		Expansion Joint	150.00	lf	33,947	4,119		253.77	/lf	38,066	03 High School	Renovation	Pool
		Masonry			*33,947*	*4,119*			*/sf*	*38,066*			
	090000.000	*Finishes*											
		Porcelain Wall Tile Patching	150.00	sf	16,974	3,661	1,026	144.40	/sf	21,660	03 High School	Renovation	Pool
		Finishes			*16,974*	*3,661*	*1,026*		*/sf*	*21,660*			
		Pool			*54,237*	*7,779*	*1,299*			*63,316*			
Room 219													
	025000.000	*Hazardous Materials*											
		Decon & Mobilization	1.00	ea	1,658	1,743	456	3,857.05	/ea	3,857	03 High School	Renovation	Room 219
		Floor	930.00	sf	4,626	811	1,696	7.67	/sf	7,132	03 High School	Renovation	Room 219
		Hazardous Materials			*6,284*	*2,554*	*2,151*		*/ls*	*10,989*			
	090000.000	*Finishes*											
		Resilient Flooring - LVT	930.00	sf	5,607	10,538	308	17.69	/sf	16,453	03 High School	Renovation	Room 219

		Finishes			*5,607*	*10,538*	*308*		*/sf*	*16,453*			
		Room 219			*11,890*	*13,092*	*2,460*			*27,442*			
Server Room													
	230000.000	*HVAC Systems*											
		Demolition Cut & Patch	1.00	ls	7,000	349	1,276	8,625.19	/ls	8,625	03 High School	Renovation	Server Room
		1" Soft Type K	100.00	lf	1,367	3,307	53	47.28	/lf	4,728	03 High School	Renovation	Server Room
		ACCU	2.00	ea	3,500	9,065	912	6,738.44	/ea	13,477	03 High School	Renovation	Server Room
		Split AC System	2.00	ea	14,000	13,946		13,973.40	/ea	27,947	03 High School	Renovation	Server Room
		HVAC Systems			*25,868*	*26,667*	*2,241*		*/sf*	*54,777*			
	260000.000	*Electrical*											
		Demolition Cut & Patch	1.00	ls	7,572	1,307	1,276	10,155.70	/ls	10,156	03 High School	Renovation	Server Room
		Small HVAC Equipment Connections	4.00	ea	2,524	1,918		1,110.39	/ea	4,442	03 High School	Renovation	Server Room
		Electrical			*10,096*	*3,225*	*1,276*		*/sf*	*14,597*			
		Server Room			*35,964*	*29,892*	*3,518*			*69,374*			
Stairways													
	024100.000	*Demolition*											
		Stair Treads	540.00	sf	3,316		438	6.95	/sf	3,753	03 High School	Renovation	Stairways
		Railing	300.00	lf	6,632		1,823	28.18	/lf	8,455	03 High School	Renovation	Stairways
		Demolition			*9,948*		*2,261*		*/sf*	*12,209*			
	050000.000	*Metals*											
		Int. Wall Mounted Rails	200.00	lf	8,719	43,582	547	264.24	/lf	52,848	03 High School	Renovation	Stairways
		Int. Wall Mounted Rails	80.00	lf	3,488	17,433	219	264.24	/lf	21,139	03 High School	Renovation	Stairways
		Metals			*12,206*	*61,015*	*766*		*/sf*	*73,987*			
	090000.000	*Finishes*											
		Rubber Tile Floor & Risers	1,000.00	sf	9,474	8,716		18.19	/sf	18,190	03 High School	Renovation	Stairways
		Rubber Stair Treads	450.00	lf	29,843	30,595	2,461	139.78	/lf	62,899	03 High School	Renovation	Stairways
		HPL Wainscot	600.00	sf	1,990	12,552		24.24	/sf	14,541	03 High School	Renovation	Stairways
		Finishes			*41,306*	*51,863*	*2,461*		*/sf*	*95,631*			
		Stairways			*63,460*	*112,878*	*5,488*			*181,826*			
Tech Shop													
	024100.000	*Demolition*											
		Material Hauling / Removal	5.00	day	4,277		3,191	1,493.46	/day	7,467	03 High School	Renovation	Tech Shop
		Resilient Floor & Base	950.00	sf	1,050		87	1.20	/sf	1,137	03 High School	Renovation	Tech Shop
		Floor Finish	750.00	sf	560		46	0.81	/sf	606	03 High School	Renovation	Tech Shop
		Slab on Grade Concrete	2.00	cy	1,243		228	735.68	/cy	1,471	03 High School	Renovation	Tech Shop
		Demolition			*7,130*		*3,551*		*/sf*	*10,682*			
	030000.000	*Concrete*											
		Seal & Polish Concrete	2,700.00	sf	4,476	9,414	410	5.30	/sf	14,300	03 High School	Renovation	Tech Shop
		SOG 6" Patching	120.00	sf	2,852	920	296	33.91	/sf	4,069	03 High School	Renovation	Tech Shop
		Seal Concrete	5,600.00	sf	5,590	23,430	307	5.24	/sf	29,328	03 High School	Renovation	Tech Shop
		Concrete			*12,919*	*33,764*	*1,014*		*/sf*	*47,697*			
	090000.000	*Finishes*											
		Epoxy Flooring - General Polymers / Sherwin Williams		***sf***					***/sf***		***03 High School***	***Renovation***	***Tech Shop***
	220000.000	*Plumbing Systems*											
		Demolition Cut & Patch	1.00	ls	14,001	1,307	2,553	17,860.55	/ls	17,861	03 High School	Renovation	Tech Shop
		Plumbing Systems			*14,001*	*1,307*	*2,553*		*/sf*	*17,861*			
		Tech Shop			*34,049*	*35,071*	*7,118*			*76,239*			
Weight HVAC													
	024100.000	*Demolition*											
		Acoustic Tile & Grid	1,200.00	sf	1,530		126	1.38	/sf	1,657	03 High School	Renovation	Weight HVAC
		Demolition			*1,530*		*126*		*/sf*	*1,657*			
	090000.000	*Finishes*											
		Paint Exposed Steel	1,200.00	sf	1,592	4,184		4.81	/sf	5,776	03 High School	Renovation	Weight HVAC
		Finishes			*1,592*	*4,184*			*/sf*	*5,776*			
	230000.000	*HVAC Systems*											
		Demolition Cut & Patch	1.00	ls	10,500	1,307	1,914	13,722.28	/ls	13,722	03 High School	Renovation	Weight HVAC
		Controls	1.00	ls	19,672	31,379		51,051.41	/ls	51,051	03 High School	Renovation	Weight HVAC
		3" Type L Copper	25.00	lf	1,042	2,787	41	154.78	/lf	3,870	03 High School	Renovation	Weight HVAC
		18" Round Prefab Duct	80.00	lf	5,106	7,657		159.53	/lf	12,763	03 High School	Renovation	Weight HVAC
		22" Round Prefab Duct	15.00	lf	1,053	1,756		187.25	/lf	2,809	03 High School	Renovation	Weight HVAC
		RGD's	6.00	ea	585	889		245.69	/ea	1,474	03 High School	Renovation	Weight HVAC
		RTU-1 3000CFM	1.00	ea	10,500	61,015	1,550	73,065.25	/ea	73,065	03 High School	Renovation	Weight HVAC
		HVAC Systems			*48,459*	*106,790*	*3,505*		*/sf*	*158,754*			
	260000.000	*Electrical*											
		3/4" Sched 40	300.00	lf	3,129	434		11.88	/lf	3,563	03 High School	Renovation	Weight HVAC
		MC Cable	60.00	lf	168	234		6.71	/lf	403	03 High School	Renovation	Weight HVAC
		#12 Wire	900.00	lf	1,033	392		1.58	/lf	1,425	03 High School	Renovation	Weight HVAC
		Large HVAC Equipment Connections	1.00	ea	3,786	2,179		5,965.09	/ea	5,965	03 High School	Renovation	Weight HVAC
		Vacancy Sensor	2.00	ea	291	349		319.95	/ea	640	03 High School	Renovation	Weight HVAC
		Interior Light	12.00	ea	3,786	8,368		1,012.81	/ea	12,154	03 High School	Renovation	Weight HVAC

				Electrical		*12,193*	*11,956*		*/sf*	*24,149*			
				Weight HVAC		*63,774*	*122,930*	*3,631*		*190,335*			
				Renovation		**1,138,099**	**2,239,573**	**138,114**		**3,515,786**			
	Site												
		Tennis Court											
			320000.000	*Site Improvements*									
				Tennis Court Surface	25,000.00 sf	7,875	87,164	1,337	3.86 /sf	96,377	03 High School	Site	Tennis Court
				Site Improvements		*7,875*	*87,164*	*1,337*	*/sf*	*96,377*			
				Tennis Court		*7,875*	*87,164*	*1,337*		*96,377*			
				Site		**7,875**	**87,164**	**1,337**		**96,377**			
				03 High School		***1,145,974***	***2,326,737***	***139,451***		***3,612,163***			
Location	**Location2**	**Area**	**Group**	**Description**	**Takeoff Quantity**	**Labor Amount**	**Material Amount**	**Equip Amount**	**Total Cost/Unit**	**Total Amount**	**Location**	**Location2**	**Area**
04 Bus Garage													
	Addition												
		Admin Building											
			030000.000	*Concrete*									
				SOG 6"	2,600.00 sf	15,211	20,396	1,580	14.30 /sf	37,187	04 Bus Garage	Addition	Admin Building
				SOG 5" Ramp	200.00 sf	1,170	1,569	122	14.30 /sf	2,861	04 Bus Garage	Addition	Admin Building
				S.O.D. SF	2,650.00 sf	20,154	23,099	2,738	17.36 /sf	45,991	04 Bus Garage	Addition	Admin Building
				Foundation Excavation	145.00 cy	1,683		4,230	40.78 /cy	5,913	04 Bus Garage	Addition	Admin Building
				Form Footing	650.00 sf	10,552	2,550		20.16 /sf	13,101	04 Bus Garage	Addition	Admin Building
				Form Walls	2,600.00 sf	39,863	11,331		19.69 /sf	51,194	04 Bus Garage	Addition	Admin Building
				Waterstop	325.00 lf	2,568	2,266		14.87 /lf	4,834	04 Bus Garage	Addition	Admin Building
				Perimeter Insulation	1,300.00 sf	2,155	4,533		5.15 /sf	6,688	04 Bus Garage	Addition	Admin Building
				Form Concrete Pier Pad	420.00 sf	7,244	1,830		21.61 /sf	9,075	04 Bus Garage	Addition	Admin Building
				Form Concrete Pier	604.80 sf	11,127	3,163		23.63 /sf	14,290	04 Bus Garage	Addition	Admin Building
				Rebar L & M	1.00 ton	1,003	5,714		6,716.28 /ton	6,716	04 Bus Garage	Addition	Admin Building
				Rebar L & M	2.20 ton	2,206	12,570		6,716.28 /ton	14,776	04 Bus Garage	Addition	Admin Building
				Rebar L & M	1.40 ton	1,404	7,999		6,716.28 /ton	9,403	04 Bus Garage	Addition	Admin Building
				Rebar L & M	1.20 ton	1,203	6,856		6,716.29 /ton	8,060	04 Bus Garage	Addition	Admin Building
				Footing Conc 3000 psi	35.00 cy		12,813		366.09 /cy	12,813	04 Bus Garage	Addition	Admin Building
				Place Footing Concrete	35.00 cy	5,031			143.74 /cy	5,031	04 Bus Garage	Addition	Admin Building
				Wall Conc 3000 psi	60.00 cy		21,965		366.09 /cy	21,965	04 Bus Garage	Addition	Admin Building
				Place Wall Concrete	60.00 cy	8,624			143.74 /cy	8,624	04 Bus Garage	Addition	Admin Building
				Pier Pad Conc 3000 psi	19.44 cy		7,118		366.09 /cy	7,118	04 Bus Garage	Addition	Admin Building
				Place Pier Pad Concrete	19.44 cy	2,236			114.99 /cy	2,236	04 Bus Garage	Addition	Admin Building
				Piers Conc 3000 psi	10.08 cy		3,690		366.09 /cy	3,690	04 Bus Garage	Addition	Admin Building
				Place Pier Concrete	10.08 cy	1,739			172.48 /cy	1,739	04 Bus Garage	Addition	Admin Building
				Place & Fin Stair Conc	300.00 sf	2,046			6.82 /sf	2,046	04 Bus Garage	Addition	Admin Building
				Place & Fin Stair Conc	300.00 sf	2,046			6.82 /sf	2,046	04 Bus Garage	Addition	Admin Building
				Anchor Bolts	84.00 ea	2,765	2,197		59.07 /ea	4,962	04 Bus Garage	Addition	Admin Building
				Anchor Bolts	84.00 ea	2,765	2,197		59.07 /ea	4,962	04 Bus Garage	Addition	Admin Building
				Leveling Plate	21.00 ea	1,555	1,098		126.37 /ea	2,654	04 Bus Garage	Addition	Admin Building
				Leveling Plate	21.00 ea	1,555	1,098		126.37 /ea	2,654	04 Bus Garage	Addition	Admin Building
				Drill & Grout Dowel	21.00 ea	622	549		55.76 /ea	1,171	04 Bus Garage	Addition	Admin Building
				Drill & Grout Dowel	21.00 ea	622	549		55.76 /ea	1,171	04 Bus Garage	Addition	Admin Building
				Drill & Grout Dowel	2.00 ea	59	52		55.76 /ea	112	04 Bus Garage	Addition	Admin Building
				Drill & Grout Dowel	1.00 ea	30	26		55.75 /ea	56	04 Bus Garage	Addition	Admin Building
				Concrete		*149,238*	*157,230*	*8,669*	*/sf*	*315,137*			
			040000.000	*Masonry*									
				Brick SF	1,100.00 sf	35,854	12,584	1,605	45.49 /sf	50,043	04 Bus Garage	Addition	Admin Building
				Brick Insulation/Waterproofing	1,100.00 sf	3,040	2,517		5.05 /sf	5,556	04 Bus Garage	Addition	Admin Building
				CMU 8" sf	3,850.00 sf	87,842	47,569	4,914	36.45 /sf	140,324	04 Bus Garage	Addition	Admin Building
				CMU 12" sf	1,000.00 sf	26,842	13,271	1,502	41.62 /sf	41,615	04 Bus Garage	Addition	Admin Building
				Masonry		*153,578*	*75,941*	*8,020*	*/sf*	*237,538*			
			050000.000	*Metals*									
				Structural Steel	27.30 ton	59,851	154,673	22,123	8,668.38 /ton	236,647	04 Bus Garage	Addition	Admin Building
				Metal Roof Deck	2,650.00 sf	6,536	32,338	604	14.90 /sf	39,478	04 Bus Garage	Addition	Admin Building
				Acoustical Composite Deck	2,650.00 sf	8,715	69,296	966	29.80 /sf	78,977	04 Bus Garage	Addition	Admin Building
				Misc Metals (ls)	1.00 ls	2,180	13,075	638	15,892.50 /ls	15,893	04 Bus Garage	Addition	Admin Building
				Int. Wall Mounted Rails	120.00 lf	5,231	26,149	328	264.24 /lf	31,709	04 Bus Garage	Addition	Admin Building
				Ext. Post Mounted Rails	80.00 lf	3,488	45,325	219	612.90 /lf	49,032	04 Bus Garage	Addition	Admin Building
				Metals		*86,000*	*340,856*	*24,878*	*/sf*	*451,734*			
			060000.000	*Wood & Plastics*									
				Roof Blocking (sf)	2,750.00 sf	2,223	1,438		1.33 /sf	3,661	04 Bus Garage	Addition	Admin Building
				Wood & Plastics		*2,223*	*1,438*		*/sf*	*3,661*			
			070000.000	*Thermal & Moisture*									
				Rigid Roof Insulation - Flat Insulation	2,750.00 sf	6,286	14,382	752	7.79 /sf	21,420	04 Bus Garage	Addition	Admin Building
				Rigid Roof Insulation - Tapered Insulation	2,750.00 sf	6,286	17,978	752	9.10 /sf	25,015	04 Bus Garage	Addition	Admin Building
				Air & Vapor Barrier	2,750.00 sf	3,571	5,993		3.48 /sf	9,564	04 Bus Garage	Addition	Admin Building

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CAMPUS
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	Fiber Cement Siding	8,000.00	sf	20,281	104,597	912	15.72	/sf	125,790	04 Bus Garage	Addition	Admin Building
	Fully Adhered EPDM/TPO/PVC 75mil	2,750.00	sf	8,624	16,779	1,026	9.61	/sf	26,429	04 Bus Garage	Addition	Admin Building
	1/2" Densdeck	2,750.00	sf	2,535	6,232		3.19	/sf	8,767	04 Bus Garage	Addition	Admin Building
	5/8" Densdeck	2,750.00	sf	2,535	8,150		3.89	/sf	10,685	04 Bus Garage	Addition	Admin Building
	Sheet Metal Flashing	360.00	sf	1,979	879		7.94	/sf	2,858	04 Bus Garage	Addition	Admin Building
	Metal Coping	360.00	sf	2,639	4,864		20.84	/sf	7,503	04 Bus Garage	Addition	Admin Building
	Metal Facia	360.00	sf	2,434	3,295		15.91	/sf	5,729	04 Bus Garage	Addition	Admin Building
	Roof Hatches	1.00	ea	676	2,005	152	2,832.77	/ea	2,833	04 Bus Garage	Addition	Admin Building
	Roof Ladders	1.00	ea	676	2,179	152	3,007.09	/ea	3,007	04 Bus Garage	Addition	Admin Building
	Thermal & Moisture			*58,522*	*187,332*	*3,745*		*/sf*	*249,600*			
080000.000	*Doors & Windows*											
	Hollow Metal Frame	15.00	ea	3,803	3,922		515.01	/ea	7,725	04 Bus Garage	Addition	Admin Building
	Exterior HM Frame	3.00	ea	761	915		558.59	/ea	1,676	04 Bus Garage	Addition	Admin Building
	HM Door	15.00	ea	3,803	9,152		863.67	/ea	12,955	04 Bus Garage	Addition	Admin Building
	Exterior HM Door	3.00	ea	380	4,707		1,695.72	/ea	5,087	04 Bus Garage	Addition	Admin Building
	Aluminum Frame	7.00	ea	3,549	6,712		1,465.83	/ea	10,261	04 Bus Garage	Addition	Admin Building
	Storefront Windows	1,000.00	sf	11,428	87,164	1,459	100.05	/sf	100,051	04 Bus Garage	Addition	Admin Building
	FRP Doors	3.00	ea	1,521	3,399		1,640.16	/ea	4,920	04 Bus Garage	Addition	Admin Building
	Aluminum Entrance Door	4.00	ea	3,042	20,919		5,990.41	/ea	23,962	04 Bus Garage	Addition	Admin Building
	Hardware Sets	25.00	ea	25,352	43,582		2,757.35	/ea	68,934	04 Bus Garage	Addition	Admin Building
	Doors & Windows			*53,639*	*180,474*	*1,459*		*/sf*	*235,571*			
090000.000	*Finishes*											
	Metal Stud & Drywall Partition 1 sided	2,150.00	sf	21,727	22,488		20.57	/sf	44,215	04 Bus Garage	Addition	Admin Building
	Metal Stud & Drywall Partition 2 Sided	4,900.00	sf	56,591	61,503		24.10	/sf	118,094	04 Bus Garage	Addition	Admin Building
	Exterior Wall	4,200.00	sf	67,909	73,218	4,595	34.70	/sf	145,722	04 Bus Garage	Addition	Admin Building
	Drywall Ceiling	550.00	sf	6,737	7,191	152	25.60	/sf	14,080	04 Bus Garage	Addition	Admin Building
	Floor Tile	350.00	sf	3,961	3,661	239	22.46	/sf	7,861	04 Bus Garage	Addition	Admin Building
	Wall Tile	1,210.00	sf	18,256	11,602	1,103	25.59	/sf	30,961	04 Bus Garage	Addition	Admin Building
	Epoxy Flooring - General Polymers / Sherwin Williams	2,100.00	sf	32,467	21,965	1,914	26.83	/sf	56,347	04 Bus Garage	Addition	Admin Building
	Acoustical Ceiling	3,800.00	sf	15,414	23,186	346	10.25	/sf	38,946	04 Bus Garage	Addition	Admin Building
	Sheet Vinyl Flooring	300.00	sf	3,316	2,353		18.90	/sf	5,669	04 Bus Garage	Addition	Admin Building
	Rubber Stair Treads	235.00	lf	15,585	15,977	1,285	139.78	/lf	32,847	04 Bus Garage	Addition	Admin Building
	Carpeting	1,450.00	sf	5,008	7,583		8.68	/sf	12,592	04 Bus Garage	Addition	Admin Building
	Painting	13,000.00	sf	12,316	22,663	339	2.72	/sf	35,317	04 Bus Garage	Addition	Admin Building
	Epoxy Paint	1,000.00	sf	1,658	3,051	137	4.85	/sf	4,845	04 Bus Garage	Addition	Admin Building
	Finishes			*260,945*	*276,442*	*10,111*		*/sf*	*547,498*			
100000.000	*Specialties*											
	Sign- Building Mounted	1.00	ea	1,990	6,102		8,091.07	/ea	8,091	04 Bus Garage	Addition	Admin Building
	Employee Lockers	6.00	ea	152	1,203		225.83	/ea	1,355	04 Bus Garage	Addition	Admin Building
	Toilet Accessories	32.00	ea	3,245	5,300		267.02	/ea	8,545	04 Bus Garage	Addition	Admin Building
	Specialties			*5,387*	*12,604*			*/sf*	*17,991*			
120000.000	*Furnishings*											
	Base Cabinets	150.00	sf	3,042	11,506		96.99	/sf	14,548	04 Bus Garage	Addition	Admin Building
	Wall Cabinets	69.00	sf	1,749	5,052		98.57	/sf	6,801	04 Bus Garage	Addition	Admin Building
	Solid Surface Countertop	120.00	sf	4,056	11,506		129.68	/sf	15,562	04 Bus Garage	Addition	Admin Building
	Tall Storage Cabinet	120.00	sf	4,056	12,970		141.89	/sf	17,026	04 Bus Garage	Addition	Admin Building
	Cubbies	20.00	sf	579	2,266		142.29	/sf	2,846	04 Bus Garage	Addition	Admin Building
	Entrance Mat	85.00	sf	4,310	3,853		96.03	/sf	8,162	04 Bus Garage	Addition	Admin Building
	Furnishings			*17,793*	*47,152*			*/sf*	*64,946*			
140000.000	*Conveying Systems*											
	Passenger Elevator	2.00	stop	32,338	57,529	3,647	46,756.42	/stop	93,513	04 Bus Garage	Addition	Admin Building
	Conveying Systems			*32,338*	*57,529*	*3,647*		*/sf*	*93,513*			
220000.000	*Plumbing Systems*											
	1/2" Type L Copper	50.00	lf	720	525	28	25.46	/lf	1,273	04 Bus Garage	Addition	Admin Building
	3/4" Type L Copper	81.00	lf	1,243	1,367	49	32.83	/lf	2,659	04 Bus Garage	Addition	Admin Building
	1" Type L Copper	15.00	lf	257	390	10	43.80	/lf	657	04 Bus Garage	Addition	Admin Building
	1-1/4" Type L Copper	35.00	lf	704	1,295	28	57.90	/lf	2,026	04 Bus Garage	Addition	Admin Building
	1-1/2" Type L Copper	50.00	lf	1,122	2,388	44	71.08	/lf	3,554	04 Bus Garage	Addition	Admin Building
	2" Type L Copper	117.00	lf	3,250	8,505	127	101.56	/lf	11,882	04 Bus Garage	Addition	Admin Building
	1 1/2" NHCI	25.00	lf	818	858	53	69.15	/lf	1,729	04 Bus Garage	Addition	Admin Building
	2" NHCI	370.00	lf	12,950	12,746	843	71.73	/lf	26,539	04 Bus Garage	Addition	Admin Building
	3" NHCI	110.00	lf	4,011	3,922	261	74.48	/lf	8,193	04 Bus Garage	Addition	Admin Building
	4" NHCI	90.00	lf	3,621	4,166	236	89.14	/lf	8,022	04 Bus Garage	Addition	Admin Building
	Wall Cleanout	2.00	ea		384		191.76	/ea	384	04 Bus Garage	Addition	Admin Building
	Floor Drains	3.00	ea	1,750	1,307		1,019.18	/ea	3,058	04 Bus Garage	Addition	Admin Building
	Roof Drains		***ea***					***/ea***		***04 Bus Garage***	***Addition***	***Admin Building***
	Hot Water Heater	2.00	ea	14,000	52,299		33,149.57	/ea	66,299	04 Bus Garage	Addition	Admin Building
	Sump Pump	1.00	ea	1,750	1,743		3,493.33	/ea	3,493	04 Bus Garage	Addition	Admin Building
	Lavatories	3.00	ea	1,313	3,922		1,744.98	/ea	5,235	04 Bus Garage	Addition	Admin Building
	Mop Sink	1.00	ea	350	1,307		1,657.49	/ea	1,657	04 Bus Garage	Addition	Admin Building

	Toilets	3.00	ea	1,750	5,230		2,326.64	/ea	6,980	04 Bus Garage	Addition	Admin Building
	Stainless Sink	2.00	ea	1,750	4,881		3,315.63	/ea	6,631	04 Bus Garage	Addition	Admin Building
	Plumbing Systems			*51,360*	*107,234*	*1,679*		*/sf*	*160,272*			
230000.000	*HVAC Systems*											
	2 " x 2"	135.00	lf	915	1,261		16.12	/lf	2,176	04 Bus Garage	Addition	Admin Building
	1" Duct Wrap Insulation	2,733.33	sf	14,284	5,956		7.41	/sf	20,240	04 Bus Garage	Addition	Admin Building
	1" Duct Wrap Insulation	1,211.00	sf	6,328	2,639		7.41	/sf	8,967	04 Bus Garage	Addition	Admin Building
	Controls	1.00	ls	29,508	36,609		66,117.41	/ls	66,117	04 Bus Garage	Addition	Admin Building
	2" Type L Copper	200.00	lf	5,556	14,539	217	101.56	/lf	20,312	04 Bus Garage	Addition	Admin Building
	In Slab Radiant Slab Piping Zone 2	1,300.00	sf	6,067	3,399		7.28	/sf	9,466	04 Bus Garage	Addition	Admin Building
	Stndrd Ductwork	1,909.32	lb	26,810	29,957		29.73	/lb	56,766	04 Bus Garage	Addition	Admin Building
	6" Round Prefab Duct	41.00	lf	872	990		45.41	/lf	1,862	04 Bus Garage	Addition	Admin Building
	8" Round Prefab Duct	50.00	lf	1,427	1,601		60.56	/lf	3,028	04 Bus Garage	Addition	Admin Building
	10" Round Prefab Duct	121.00	lf	4,334	4,868		76.05	/lf	9,202	04 Bus Garage	Addition	Admin Building
	Exhaust Fan Rooftop	2.00	ea	1,167	5,230		3,198.30	/ea	6,397	04 Bus Garage	Addition	Admin Building
	RGD's	27.00	ea	2,633	4,001		245.69	/ea	6,634	04 Bus Garage	Addition	Admin Building
	Roof Top Unit	1.00	ea	10,500	72,346	1,550	84,396.60	/ea	84,397	04 Bus Garage	Addition	Admin Building
	Glycol Feed System	1.00	ls	3,500	14,818		18,318.05	/ls	18,318	04 Bus Garage	Addition	Admin Building
	Air Separator	1.00	ea	3,500	6,102		9,601.64	/ea	9,602	04 Bus Garage	Addition	Admin Building
	Electric Wall Heater	7.00	ea	4,900	18,305		3,314.95	/ea	23,205	04 Bus Garage	Addition	Admin Building
	HVAC Systems			*122,301*	*222,620*	*1,767*		*/sf*	*346,688*			
260000.000	*Electrical*											
	Demolition Cut & Patch	1.00	ls	18,930	1,307	3,191	23,428.07	/ls	23,428	04 Bus Garage	Addition	Admin Building
	Electrical Utility Services Upgrade		***ls***					***/ls***		***04 Bus Garage***	***Addition***	***Admin Building***
	Utility Pole	1.00	ea	1,893	1,743	319	3,955.32	/ea	3,955	04 Bus Garage	Addition	Admin Building
	Meter	1.00	ea	1,893	2,615	319	4,827.01	/ea	4,827	04 Bus Garage	Addition	Admin Building
	Electrical Excavation	25.00	cy	311		80	15.63	/cy	391	04 Bus Garage	Addition	Admin Building
	Electrical Select Backfill	25.00	cy	311	872	80	50.49	/cy	1,262	04 Bus Garage	Addition	Admin Building
	Electrical Hand Hole	1.00	ea	353	436	802	1,590.67	/ea	1,591	04 Bus Garage	Addition	Admin Building
	Power Panels	1.00	ea	1,893	3,051		4,943.73	/ea	4,944	04 Bus Garage	Addition	Admin Building
	Lighting Panels	1.00	ea	1,893	3,051		4,943.74	/ea	4,944	04 Bus Garage	Addition	Admin Building
	4" Sched 40	320.00	lf	10,721	4,017		46.06	/lf	14,738	04 Bus Garage	Addition	Admin Building
	3/4" Sched 40	675.00	lf	7,040	977		11.88	/lf	8,017	04 Bus Garage	Addition	Admin Building
	2" Sched 40	150.00	lf	2,524	662		21.24	/lf	3,186	04 Bus Garage	Addition	Admin Building
	3/4" EMT	2,750.00	lf	18,930	5,513		8.89	/lf	24,443	04 Bus Garage	Addition	Admin Building
	#1/0 Wire	160.00	lf	612	993		10.03	/lf	1,605	04 Bus Garage	Addition	Admin Building
	#500 MCM	1,280.00	lf	10,096	41,928		40.64	/lf	52,024	04 Bus Garage	Addition	Admin Building
	#12 Wire	2,025.00	lf	2,323	883		1.58	/lf	3,206	04 Bus Garage	Addition	Admin Building
	#6 Wire	150.00	lf	291	238		3.53	/lf	529	04 Bus Garage	Addition	Admin Building
	#3/0 Wire	600.00	lf	3,029	5,857		14.81	/lf	8,886	04 Bus Garage	Addition	Admin Building
	MC Cable	540.00	lf	1,514	2,109		6.71	/lf	3,623	04 Bus Garage	Addition	Admin Building
	#12 Wire	12,024.00	lf	13,795	5,240		1.58	/lf	19,035	04 Bus Garage	Addition	Admin Building
	600 Amp Breaker	1.00	ea	57	2,092	2	2,151.47	/ea	2,151	04 Bus Garage	Addition	Admin Building
	Duplex	45.00	ea	7,099	4,707		262.35	/ea	11,806	04 Bus Garage	Addition	Admin Building
	Sewer Pump Connections	2.00	ea	757	1,046	1,823	1,813.24	/ea	3,626	04 Bus Garage	Addition	Admin Building
	Snow Melt	1.00	ea	1,893	4,358		6,251.18	/ea	6,251	04 Bus Garage	Addition	Admin Building
	Vacancy Sensor	11.00	ea	1,602	1,918		319.94	/ea	3,519	04 Bus Garage	Addition	Admin Building
	Room Controller	2.00	ea	291	349		319.95	/ea	640	04 Bus Garage	Addition	Admin Building
	Wall Switch	19.00	ea	2,398	1,325		195.93	/ea	3,723	04 Bus Garage	Addition	Admin Building
	LF4	24.00	ea	7,572	11,506		794.90	/ea	19,078	04 Bus Garage	Addition	Admin Building
	LF5	32.00	ea	10,096	16,736		838.48	/ea	26,831	04 Bus Garage	Addition	Admin Building
	LF6	6.00	ea	1,893	1,778		611.86	/ea	3,671	04 Bus Garage	Addition	Admin Building
	LF7	5.00	ea	1,577	1,743		664.15	/ea	3,321	04 Bus Garage	Addition	Admin Building
	LF8	9.00	ea	2,839	5,884		969.23	/ea	8,723	04 Bus Garage	Addition	Admin Building
	Emergency Light Fixtures	18.00	ea	4,259	10,983		846.77	/ea	15,242	04 Bus Garage	Addition	Admin Building
	Exit Light	8.00	ea	1,683	1,255		367.23	/ea	2,938	04 Bus Garage	Addition	Admin Building
	Exterior Building Mounted Light Fixtures	6.00	ea	1,893	2,092	137	686.95	/ea	4,122	04 Bus Garage	Addition	Admin Building
	Electrical			*144,261*	*149,261*	*6,753*		*/sf*	*300,275*			
270000.000	*Tel / Data*											
	1/2" Sched 40	800.00	lf	6,376	893		9.09	/lf	7,269	04 Bus Garage	Addition	Admin Building
	CAT 6	3,000.00	lf	5,679	3,138		2.94	/lf	8,817	04 Bus Garage	Addition	Admin Building
	Data Outlets	20.00	ea	3,155	767		196.10	/ea	3,922	04 Bus Garage	Addition	Admin Building
	Speaker	15.00	ea	4,732	3,922		576.99	/ea	8,655	04 Bus Garage	Addition	Admin Building
	Tel / Data			*19,943*	*8,720*			*/sf*	*28,663*			
280000.000	*Security / Alarm Systems*											
	Fire Alarm Conduit	350.00	lf	2,650	866		10.05	/lf	3,517	04 Bus Garage	Addition	Admin Building
	Fire Alarm Cabling	3,500.00	lf	4,908	2,441		2.10	/lf	7,348	04 Bus Garage	Addition	Admin Building
	Fire Alarm Devices	35.00	ea	5,521	11,593		488.97	/ea	17,114	04 Bus Garage	Addition	Admin Building
	Security / Alarm Systems			*13,079*	*14,900*			*/sf*	*27,979*			
310000.000	*Earthwork*											

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CONSTRUCTION MANAGEMENT

		Maintenance and Protection	1.00	ls	1,658	436	137	2,230.50	/ls	2,231	04 Bus Garage	Addition	Admin Building
		Layout	2.00	wk	10,691	697	912	6,150.20	/wk	12,300	04 Bus Garage	Addition	Admin Building
		Heavy Site Clearing/Demolition (sf)	9,000.00	sf	4,178		3,938	0.90	/sf	8,116	04 Bus Garage	Addition	Admin Building
		Earth Fills (Importing Materials)	1,000.00	cy	9,533	69,732	3,464	82.73	/cy	82,729	04 Bus Garage	Addition	Admin Building
		Earth Cut & Haul	1,000.00	cy	15,474		12,155	27.63	/cy	27,630	04 Bus Garage	Addition	Admin Building
		Grade at Building	3,800.00	sf	2,268		915	0.84	/sf	3,183	04 Bus Garage	Addition	Admin Building
		Earthwork			*43,803*	*70,865*	*21,521*		*/sf*	*136,189*			
	320000.000	*Site Improvements*											
		River Rock	800.00	sf	1,463	4,184	391	7.55	/sf	6,038	04 Bus Garage	Addition	Admin Building
		Site Improvements			*1,463*	*4,184*	*391*		*/sf*	*6,038*			
	330000.000	*Utilities*											
		4" HDPE	190.00	lf	2,494	2,650	635	30.41	/lf	5,779	04 Bus Garage	Addition	Admin Building
		6" HDPE	100.00	lf	1,432	1,743	365	35.40	/lf	3,540	04 Bus Garage	Addition	Admin Building
		4" Forced Main	285.00	lf	5,985	6,707	1,524	49.88	/lf	14,217	04 Bus Garage	Addition	Admin Building
		Grit Chamber	1.00	ea	1,575	4,358	401	6,334.38	/ea	6,334	04 Bus Garage	Addition	Admin Building
		Oil-Water Separator	1.00	ea	1,575	8,716	401	10,692.63	/ea	10,693	04 Bus Garage	Addition	Admin Building
		Holding Tank - Drywell	1.00	ea	1,575	6,973	401	8,949.36	/ea	8,949	04 Bus Garage	Addition	Admin Building
		Duplex Pump Station - Structure	1.00	ea	9,451	20,919	2,407	32,777.74	/ea	32,778	04 Bus Garage	Addition	Admin Building
		Manhole	2.00	ea	3,150	8,716	802	6,334.41	/ea	12,669	04 Bus Garage	Addition	Admin Building
		Duplex Pump Station - Pumps	1.00	ea	3,150	17,433	802	21,385.25	/ea	21,385	04 Bus Garage	Addition	Admin Building
		Trenching for Pipe	86.67	cy	1,820		464	26.35	/cy	2,284	04 Bus Garage	Addition	Admin Building
		Bedding & Backfill	86.67	cy	1,365	4,193	348	68.14	/cy	5,906	04 Bus Garage	Addition	Admin Building
		Excavation Restoration	1,200.00	sf	1,890	314	481	2.24	/sf	2,685	04 Bus Garage	Addition	Admin Building
		Connect to Existing Sanitary	1.00	ea	1,575	610	401	2,586.34	/ea	2,586	04 Bus Garage	Addition	Admin Building
		Utilities			*37,038*	*83,334*	*9,433*		*/sf*	*129,804*			
		Admin Building			*1,252,911*	*1,998,114*	*102,071*			*3,353,096*			
Generator													
	030000.000	*Concrete*											
		Generator Pad	30.00	sf	1,141	209	119	48.95	/sf	1,469	04 Bus Garage	Addition	Generator
		Concrete			*1,141*	*209*	*119*		*/sf*	*1,469*			
	220000.000	*Plumbing Systems*											
		Natural Gas Utility Services	1.00	ls	3,500	5,230	638	9,368.12	/ls	9,368	04 Bus Garage	Addition	Generator
		Natural Gas Utility Services Upgrade	1.00	al	3,500	26,149		29,649.45	/al	29,649	04 Bus Garage	Addition	Generator
		Underslab Gas Piping	100.00	lf	5,000	4,881		98.81	/lf	9,881	04 Bus Garage	Addition	Generator
		Trenching for Pipe	11.11	cy	350		89	39.52	/cy	439	04 Bus Garage	Addition	Generator
		Bedding & Backfill	1.11	cy	13	45	25	74.51	/cy	83	04 Bus Garage	Addition	Generator
		Plumbing Systems			*12,363*	*36,305*	*752*		*/sf*	*49,421*			
	260000.000	*Electrical*											
		Demolition Cut & Patch	1.00	ls	11,358	1,307	1,914	14,579.82	/ls	14,580	04 Bus Garage	Addition	Generator
		Electrical Utility Services	1.00	ls	11,358	43,582	1,914	56,854.53	/ls	56,855	04 Bus Garage	Addition	Generator
		Grounding	1.00	ls	1,089	3,487	46	4,620.93	/ls	4,621	04 Bus Garage	Addition	Generator
		Disconnect Switch	1.00	ea	947	872		1,818.16	/ea	1,818	04 Bus Garage	Addition	Generator
		3/4" Sched 40	20.00	lf	209	29		11.88	/lf	238	04 Bus Garage	Addition	Generator
		2-1/2" Sched 40	100.00	lf	2,323	772		30.95	/lf	3,095	04 Bus Garage	Addition	Generator
		1-1/4" Sched 80	100.00	lf	1,611	441		20.52	/lf	2,052	04 Bus Garage	Addition	Generator
		Feeder	100.00	lf	3,786	1,656		54.42	/lf	5,442	04 Bus Garage	Addition	Generator
		#8 Wire	100.00	lf	158	105		2.62	/lf	262	04 Bus Garage	Addition	Generator
		#2 Wire	300.00	lf	841	1,171		6.71	/lf	2,013	04 Bus Garage	Addition	Generator
		#250 MCM	800.00	lf	5,048	13,361		23.01	/lf	18,409	04 Bus Garage	Addition	Generator
		EM Stop Switch	1.00	ea	2,495	785	228	3,507.85	/ea	3,508	04 Bus Garage	Addition	Generator
		Remote Annunciator	1.00	ea	1,893	872		2,764.63	/ea	2,765	04 Bus Garage	Addition	Generator
		Transfer Switch	1.00	ea	3,786	17,433		21,218.85	/ea	21,219	04 Bus Garage	Addition	Generator
		Generator 125kw	1.00	ea	24,955	87,164	2,279	114,398.18	/ea	114,398	04 Bus Garage	Addition	Generator
		Electrical			*71,855*	*173,036*	*6,382*		*/sf*	*251,273*			
	320000.000	*Site Improvements*											
		Bollards	8.00	ea	1,575	9,065	401	1,380.16	/ea	11,041	04 Bus Garage	Addition	Generator
		Site Improvements			*1,575*	*9,065*	*401*		*/sf*	*11,041*			
		Generator			*86,935*	*218,616*	*7,654*			*313,204*			
Wash Bay													
	030000.000	*Concrete*											
		SOG 7"	1,150.00	sf	6,905	11,127	717	16.30	/sf	18,749	04 Bus Garage	Addition	Wash Bay
		Concrete Stairs	6.00	cy	2,021	4,707	456	1,197.30	/cy	7,184	04 Bus Garage	Addition	Wash Bay
		Seal Concrete	1,150.00	sf	1,907	4,010	175	5.30	/sf	6,091	04 Bus Garage	Addition	Wash Bay
		Foundation Excavation	52.78	cy	613		1,540	40.78	/cy	2,152	04 Bus Garage	Addition	Wash Bay
		Form Footing	190.00	sf	3,084	745		20.16	/sf	3,830	04 Bus Garage	Addition	Wash Bay
		Form Walls	760.00	sf	11,652	3,312		19.69	/sf	14,964	04 Bus Garage	Addition	Wash Bay
		Perimeter Insulation	380.00	sf	630	1,325		5.15	/sf	1,955	04 Bus Garage	Addition	Wash Bay
		Trench Drain	40.00	lf	1,611	4,533	292	160.89	/lf	6,436	04 Bus Garage	Addition	Wash Bay
		Rebar L & M	0.75	ton	752	4,288		6,720.17	/ton	5,040	04 Bus Garage	Addition	Wash Bay
		Rebar L & M	1.20	ton	1,203	6,856		6,716.30	/ton	8,060	04 Bus Garage	Addition	Wash Bay

	Footing Conc 3000 psi	7.04	cy		2,576		366.10	/cy	2,576	04 Bus Garage	Addition	Wash Bay
	Place Footing Concrete	7.04	cy	1,011			143.74	/cy	1,011	04 Bus Garage	Addition	Wash Bay
	Wall Conc 3000 psi	18.00	cy		6,590		366.09	/cy	6,590	04 Bus Garage	Addition	Wash Bay
	Place Wall Concrete	18.00	cy	2,587			143.74	/cy	2,587	04 Bus Garage	Addition	Wash Bay
	Trench Drain	40.00	lf	1,514	5,927		186.03	/lf	7,441	04 Bus Garage	Addition	Wash Bay
	Drill & Grout Dowel	1.00	ea	30	26		55.77	/ea	56	04 Bus Garage	Addition	Wash Bay
	Drill & Grout Dowel	1.00	ea	30	26		55.77	/ea	56	04 Bus Garage	Addition	Wash Bay
	Concrete			*35,551*	*56,047*	*3,179*		*/sf*	*94,777*			
040000.000	*Masonry*											
	Brick SF	500.00	sf	16,297	5,720	729	45.49	/sf	22,747	04 Bus Garage	Addition	Wash Bay
	Brick Insulation/Waterproofing	500.00	sf	1,382	1,144		5.05	/sf	2,526	04 Bus Garage	Addition	Wash Bay
	CMU 8" sf	2,900.00	sf	66,167	35,831	3,701	36.45	/sf	105,699	04 Bus Garage	Addition	Wash Bay
	Masonry			*83,845*	*42,695*	*4,431*		*/sf*	*130,971*			
050000.000	*Metals*											
	Structural Steel	2.50	ton	5,481	14,164	2,026	8,668.38	/ton	21,671	04 Bus Garage	Addition	Wash Bay
	Metal Roof Deck	1,100.00	sf	2,713	13,423	251	14.90	/sf	16,387	04 Bus Garage	Addition	Wash Bay
	Metals			*8,194*	*27,588*	*2,277*		*/sf*	*38,058*			
060000.000	*Wood & Plastics*											
	Roof Blocking (sf)	1,200.00	sf	970	628		1.33	/sf	1,598	04 Bus Garage	Addition	Wash Bay
	Wood & Plastics			*970*	*628*			*/sf*	*1,598*			
070000.000	*Thermal & Moisture*											
	Wall Insulation	2,900.00	sf	4,808	6,067		3.75	/sf	10,875	04 Bus Garage	Addition	Wash Bay
	Rigid Roof Insulation - Flat Insulation	1,200.00	sf	2,743	6,276	328	7.79	/sf	9,347	04 Bus Garage	Addition	Wash Bay
	Rigid Roof Insulation - Tapered Insulation	1,200.00	sf	2,743	7,845	328	9.10	/sf	10,916	04 Bus Garage	Addition	Wash Bay
	Air & Vapor Barrier	1,200.00	sf	1,558	2,615		3.48	/sf	4,173	04 Bus Garage	Addition	Wash Bay
	Air & Vapor Barrier (Wall)	2,900.00	sf	3,766	6,319		3.48	/sf	10,086	04 Bus Garage	Addition	Wash Bay
	Fiber Cement Siding	1,200.00	sf	3,042	15,690	137	15.72	/sf	18,869	04 Bus Garage	Addition	Wash Bay
	Fully Adhered EPDM/TPO/PVC 75mil	1,200.00	sf	3,763	7,322	448	9.61	/sf	11,533	04 Bus Garage	Addition	Wash Bay
	1/2" Densdeck	1,200.00	sf	1,106	2,720		3.19	/sf	3,826	04 Bus Garage	Addition	Wash Bay
	5/8" Densdeck	1,200.00	sf	1,106	3,556		3.89	/sf	4,663	04 Bus Garage	Addition	Wash Bay
	Sheet Metal Flashing	145.00	sf	797	354		7.94	/sf	1,151	04 Bus Garage	Addition	Wash Bay
	Metal Coping	145.00	sf	1,063	1,959		20.84	/sf	3,022	04 Bus Garage	Addition	Wash Bay
	Metal Facia	145.00	sf	980	1,327		15.91	/sf	2,307	04 Bus Garage	Addition	Wash Bay
	Thermal & Moisture			*27,477*	*62,049*	*1,241*		*/sf*	*90,766*			
080000.000	*Doors & Windows*											
	Exterior HM Frame	2.00	ea	507	610		558.60	/ea	1,117	04 Bus Garage	Addition	Wash Bay
	Exterior HM Door	2.00	ea	254	3,138		1,695.71	/ea	3,391	04 Bus Garage	Addition	Wash Bay
	Overhead Doors	2.00	ea	2,028	15,690	182	8,950.03	/ea	17,900	04 Bus Garage	Addition	Wash Bay
	Hardware Sets	2.00	ea	2,028	3,487		2,757.35	/ea	5,515	04 Bus Garage	Addition	Wash Bay
	Doors & Windows			*4,817*	*22,924*	*182*		*/sf*	*27,923*			
090000.000	*Finishes*											
	Epoxy Paint	1,360.00	sf	2,255	4,149	186	4.85	/sf	6,590	04 Bus Garage	Addition	Wash Bay
	Paint Exposed Steel	1,100.00	sf	1,459	3,835		4.81	/sf	5,294	04 Bus Garage	Addition	Wash Bay
	Finishes			*3,714*	*7,984*	*186*		*/sf*	*11,884*			
100000.000	*Specialties*											
	Prefabricated Canopy	50.00	sf	1,011	1,525	114	53.00	/sf	2,650	04 Bus Garage	Addition	Wash Bay
	Specialties			*1,011*	*1,525*	*114*		*/sf*	*2,650*			
110000.000	*Equipment*											
	Vehicle Wash System	1.00	ea	23,875	156,896	9,299	190,069.24	/ea	190,069	04 Bus Garage	Addition	Wash Bay
	Equipment			*23,875*	*156,896*	*9,299*		*/sf*	*190,069*			
220000.000	*Plumbing Systems*											
	Wall Hydrant - Includes Piping	2.00	ea	3,500	5,230	182	4,456.16	/ea	8,912	04 Bus Garage	Addition	Wash Bay
	2" Type L Copper	60.00	lf	1,667	4,362	65	101.56	/lf	6,094	04 Bus Garage	Addition	Wash Bay
	2" NHCI	200.00	lf	7,000	6,889	456	71.73	/lf	14,346	04 Bus Garage	Addition	Wash Bay
	4" NHCI	100.00	lf	4,023	4,628	262	89.14	/lf	8,914	04 Bus Garage	Addition	Wash Bay
	Trench Drains	40.00	lf	2,800	6,973		244.33	/lf	9,773	04 Bus Garage	Addition	Wash Bay
	Roof Drains	2.00	ea	1,167	784		975.61	/ea	1,951	04 Bus Garage	Addition	Wash Bay
	RPZ Backflow Preventers	1.00	ea	1,750	6,102		7,851.56	/ea	7,852	04 Bus Garage	Addition	Wash Bay
	Plumbing Systems			*21,907*	*34,969*	*965*		*/sf*	*57,841*			
230000.000	*HVAC Systems*											
	Controls	1.00	ls	1,230	872		2,101.17	/ls	2,101	04 Bus Garage	Addition	Wash Bay
	Controls	1.00	ls	1,230	872		2,101.14	/ls	2,101	04 Bus Garage	Addition	Wash Bay
	1" Type L Copper	300.00	lf	5,147	7,793	201	43.80	/lf	13,141	04 Bus Garage	Addition	Wash Bay
	In Slab Radiant Slab Piping Zone 1	1,100.00	sf	5,134	2,876		7.28	/sf	8,010	04 Bus Garage	Addition	Wash Bay
	Stainless Ductwork	187.37	lb	2,631	4,573		38.45	/lb	7,204	04 Bus Garage	Addition	Wash Bay
	Exhaust Fan Rooftop	1.00	ea	583	2,615		3,198.27	/ea	3,198	04 Bus Garage	Addition	Wash Bay
	Glycol Feed System	1.00	ls	3,500	14,818		18,318.05	/ls	18,318	04 Bus Garage	Addition	Wash Bay
	Air Separator	1.00	ea	3,500	6,102		9,601.65	/ea	9,602	04 Bus Garage	Addition	Wash Bay
	Cabinet Unit Heater		***ea***					***/ea***		***04 Bus Garage***	***Addition***	***Wash Bay***
	HVAC Systems			*22,954*	*40,520*	*201*		*/sf*	*63,675*			

260000.000	*Electrical*											
	3/4" Sched 40	50.00	lf	521	72		11.88	/lf	594	04 Bus Garage	Addition	Wash Bay
	3/4" Sched 40	125.00	lf	1,304	181		11.88	/lf	1,485	04 Bus Garage	Addition	Wash Bay
	3/4" EMT	205.00	lf	1,411	411		8.89	/lf	1,822	04 Bus Garage	Addition	Wash Bay
	#12 Wire	150.00	lf	172	65		1.58	/lf	237	04 Bus Garage	Addition	Wash Bay
	MC Cable	25.00	lf	70	98		6.71	/lf	168	04 Bus Garage	Addition	Wash Bay
	MC Cable	30.00	lf	84	117		6.71	/lf	201	04 Bus Garage	Addition	Wash Bay
	#12 Wire	375.00	lf	430	163		1.58	/lf	594	04 Bus Garage	Addition	Wash Bay
	#12 Wire	884.00	lf	1,014	385		1.58	/lf	1,399	04 Bus Garage	Addition	Wash Bay
	Duplex	1.00	ea	158	105		262.32	/ea	262	04 Bus Garage	Addition	Wash Bay
	Equipment Connections to Panels	1.00	ea	1,893	436		2,328.82	/ea	2,329	04 Bus Garage	Addition	Wash Bay
	Small HVAC Equipment Connections	6.00	ea	3,786	2,876		1,110.40	/ea	6,662	04 Bus Garage	Addition	Wash Bay
	Snow Melt	1.00	ea	1,893	4,358		6,251.20	/ea	6,251	04 Bus Garage	Addition	Wash Bay
	Wall Switch	2.00	ea	252	139		195.93	/ea	392	04 Bus Garage	Addition	Wash Bay
	LF9	6.00	ea	1,893	4,027		986.66	/ea	5,920	04 Bus Garage	Addition	Wash Bay
	Exit Light	2.00	ea	421	314		367.23	/ea	734	04 Bus Garage	Addition	Wash Bay
	Exterior Building Mounted Light Fixtures	5.00	ea	1,577	1,743	114	686.94	/ea	3,435	04 Bus Garage	Addition	Wash Bay
	Electrical			*16,880*	*15,492*	*114*		*/sf*	*32,486*			
280000.000	*Security / Alarm Systems*											
	Fire Alarm Cabling	100.00	lf	140	70		2.10	/lf	210	04 Bus Garage	Addition	Wash Bay
	1/2" EMT	100.00	lf	891	103		9.94	/lf	994	04 Bus Garage	Addition	Wash Bay
	Fire Alarm Devices	1.00	ea	158	331		488.96	/ea	489	04 Bus Garage	Addition	Wash Bay
	Security / Alarm Systems			*1,189*	*504*			*/sf*	*1,693*			
	Wash Bay			***252,383***	***469,820***	***22,188***			***744,391***			
	Addition			**1,592,228**	**2,686,550**	**131,913**			**4,410,691**			
Renovation												
BG Roof												
070000.000	*Thermal & Moisture*											
	Fluid Applied Base Coat (Tremco AlphaGuard)		***sf***					***/sf***		***04 Bus Garage***	***Renovation***	***BG Roof***
	Reinforcing Fabric (Tremco AlphaGuard)		***sf***					***/sf***		***04 Bus Garage***	***Renovation***	***BG Roof***
	Fluid-Applied Top Coat (Tremco AlphaGuard)		***sf***					***/sf***		***04 Bus Garage***	***Renovation***	***BG Roof***
	Clean, Prep & Prime Roof Prior To Restoration		***sf***					***/sf***		***04 Bus Garage***	***Renovation***	***BG Roof***
Boiler Replace												
025000.000	*Hazardous Materials*											
	Asbestos Abatement Allowance	1.00	ls	9,948	8,716	2,735	21,399.03	/ls	21,399	04 Bus Garage	Renovation	Boiler Replace
	Hazardous Materials			*9,948*	*8,716*	*2,735*		*/ls*	*21,399*			
220000.000	*Plumbing Systems*											
	Tap Into Existing Water	1.00	ea	249	26	64	338.65	/ea	339	04 Bus Garage	Renovation	Boiler Replace
	1" Thrd Sched 40	80.00	lf	1,761	1,317	30	38.85	/lf	3,108	04 Bus Garage	Renovation	Boiler Replace
	2" Thrd Sched 40	150.00	lf	5,469	5,334	56	72.40	/lf	10,860	04 Bus Garage	Renovation	Boiler Replace
	Plumbing Systems			*7,479*	*6,677*	*150*		*/sf*	*14,306*			
230000.000	*HVAC Systems*											
	Demolition Cut & Patch	1.00	ls	7,000	1,307	1,276	9,584.02	/ls	9,584	04 Bus Garage	Renovation	Boiler Replace
	Controls	1.00	ls	14,754	23,534		38,288.57	/ls	38,289	04 Bus Garage	Renovation	Boiler Replace
	3" Type L Copper	70.00	lf	2,917	7,804	114	154.78	/lf	10,835	04 Bus Garage	Renovation	Boiler Replace
	4" Type L Copper	70.00	lf	4,153	12,892	162	245.82	/lf	17,207	04 Bus Garage	Renovation	Boiler Replace
	6" Type L Copper	60.00	lf	5,250	30,299	205	595.90	/lf	35,754	04 Bus Garage	Renovation	Boiler Replace
	Pumps	2.00	ea	2,333	19,176		10,754.78	/ea	21,510	04 Bus Garage	Renovation	Boiler Replace
	Boiler Flue	1.00	ls	3,510			3,510.39	/ls	3,510	04 Bus Garage	Renovation	Boiler Replace
	Boiler	2.00	ea	21,001	52,299	2,735	38,017.14	/ea	76,034	04 Bus Garage	Renovation	Boiler Replace
	Expansion Tank	2.00	ea	1,167	1,482		1,324.27	/ea	2,649	04 Bus Garage	Renovation	Boiler Replace
	HVAC Systems			*62,085*	*148,793*	*4,493*		*/sf*	*215,371*			
260000.000	*Electrical*											
	EM Stop Switch	1.00	ea	2,495	784	228	3,507.86	/ea	3,508	04 Bus Garage	Renovation	Boiler Replace
	Boiler Connections	2.00	ea	5,048	4,358		4,703.09	/ea	9,406	04 Bus Garage	Renovation	Boiler Replace
	Electrical			*7,543*	*5,143*	*228*		*/sf*	*12,914*			
	Boiler Replace			***87,055***	***169,330***	***7,605***			***263,990***			
Bus Garage												
024100.000	*Demolition*											
	Demolition SF	510.00	sf	6,342		1,627	15.63	/sf	7,969	04 Bus Garage	Renovation	Bus Garage
	Door & Frame	4.00	ea	1,105			276.33	/ea	1,105	04 Bus Garage	Renovation	Bus Garage
	Railing	130.00	lf	862		237	8.46	/lf	1,099	04 Bus Garage	Renovation	Bus Garage
	Storefront	350.00	sf	1,921		740	7.60	/sf	2,661	04 Bus Garage	Renovation	Bus Garage
	Overhead Door	4.00	ea	3,316		547	965.72	/ea	3,863	04 Bus Garage	Renovation	Bus Garage
	Demolition			*13,546*		*3,151*		*/sf*	*16,697*			
030000.000	*Concrete*											
	Seal Concrete	5,600.00	sf	9,284	19,525	851	5.30	/sf	29,660	04 Bus Garage	Renovation	Bus Garage
	Concrete			*9,284*	*19,525*	*851*		*/sf*	*29,660*			
040000.000	*Masonry*											
	CMU 8" sf	350.00	sf	7,986	4,324	447	36.45	/sf	12,757	04 Bus Garage	Renovation	Bus Garage

	Masonry			*7,986*	*4,324*	*447*		*/sf*	*12,757*			
050000.000	*Metals*											
	Misc Metals (ls)	1.00	ls	2,180	8,716	638	11,534.30	/ls	11,534	04 Bus Garage	Renovation	Bus Garage
	Int. Wall Mounted Rails	20.00	lf	872	4,358	55	264.24	/lf	5,285	04 Bus Garage	Renovation	Bus Garage
	Int. Post Mounted Rails	100.00	lf	4,359	43,582	274	482.15	/lf	48,215	04 Bus Garage	Renovation	Bus Garage
	Concrete Filled Bollards	16.00	ea	5,812	13,946	1,702	1,341.28	/ea	21,461	04 Bus Garage	Renovation	Bus Garage
	Metals			*13,223*	*70,603*	*2,668*		*/sf*	*86,495*			
070000.000	*Thermal & Moisture*											
	Metal Wall Panels		***sf***					***/sf***		***04 Bus Garage***	***Renovation***	***Bus Garage***
	Gutters & Downspouts	100.00	lf	1,014	784	68	18.67	/lf	1,867	04 Bus Garage	Renovation	Bus Garage
	Thermal & Moisture			*1,014*	*784*	*68*		*/sf*	*1,867*			
080000.000	*Doors & Windows*											
	Hollow Metal Frame	4.00	ea	1,014	1,046		515.01	/ea	2,060	04 Bus Garage	Renovation	Bus Garage
	Double Hollow Metal Frame	1.00	ea	254	305		558.56	/ea	559	04 Bus Garage	Renovation	Bus Garage
	Exterior HM Frame	1.00	ea	254	305		558.60	/ea	559	04 Bus Garage	Renovation	Bus Garage
	HM Door	6.00	ea	1,521	3,661		863.67	/ea	5,182	04 Bus Garage	Renovation	Bus Garage
	Exterior HM Door	1.00	ea	127	1,569		1,695.74	/ea	1,696	04 Bus Garage	Renovation	Bus Garage
	Overhead Doors	4.00	ea	4,056	31,379	365	8,950.01	/ea	35,800	04 Bus Garage	Renovation	Bus Garage
	Aluminum Frame	1.00	ea	507	959		1,465.86	/ea	1,466	04 Bus Garage	Renovation	Bus Garage
	Storefront Windows	300.00	sf	3,429	26,149	438	100.05	/sf	30,015	04 Bus Garage	Renovation	Bus Garage
	FRP Doors	1.00	ea	507	1,133		1,640.16	/ea	1,640	04 Bus Garage	Renovation	Bus Garage
	Hardware Sets	8.00	ea	8,112	13,946		2,757.35	/ea	22,059	04 Bus Garage	Renovation	Bus Garage
	Doors & Windows			*19,780*	*80,453*	*802*		*/sf*	*101,035*			
090000.000	*Finishes*											
	Metal Stud & Drywall Partition 2 Sided	800.00	sf	9,239	10,041		24.10	/sf	19,281	04 Bus Garage	Renovation	Bus Garage
	Interior Drywall on Furring	800.00	sf	7,520	6,973		18.12	/sf	14,494	04 Bus Garage	Renovation	Bus Garage
	Drywall Ceiling	400.00	sf	4,900	5,230	111	25.60	/sf	10,240	04 Bus Garage	Renovation	Bus Garage
	Floor Tile	160.00	sf	1,811	1,674	109	22.46	/sf	3,593	04 Bus Garage	Renovation	Bus Garage
	Wall Tile	610.00	sf	9,204	5,849	556	25.59	/sf	15,608	04 Bus Garage	Renovation	Bus Garage
	Epoxy Flooring - General Polymers / Sherwin Williams	200.00	sf	3,092	2,092	182	26.83	/sf	5,366	04 Bus Garage	Renovation	Bus Garage
	Acoustical Ceiling	300.00	sf	1,217	1,830	27	10.25	/sf	3,075	04 Bus Garage	Renovation	Bus Garage
	Painting	2,550.00	sf	2,416	4,445	66	2.72	/sf	6,928	04 Bus Garage	Renovation	Bus Garage
	Epoxy Paint	6,600.00	sf	10,942	20,135	903	4.85	/sf	31,980	04 Bus Garage	Renovation	Bus Garage
	Finishes			*50,341*	*58,269*	*1,955*		*/sf*	*110,565*			
100000.000	*Specialties*											
	Sign- Building Mounted	1.00	ea	1,990	6,102		8,091.07	/ea	8,091	04 Bus Garage	Renovation	Bus Garage
	Employee Lockers	6.00	ea	152	1,203		225.83	/ea	1,355	04 Bus Garage	Renovation	Bus Garage
	Prefabricated Canopy	50.00	sf	1,011	1,525	114	53.00	/sf	2,650	04 Bus Garage	Renovation	Bus Garage
	Prefabricated Canopy	30.00	sf	606	915	68	53.00	/sf	1,590	04 Bus Garage	Renovation	Bus Garage
	Toilet Accessories	16.00	ea	1,622	2,650		267.02	/ea	4,272	04 Bus Garage	Renovation	Bus Garage
	Specialties			*5,381*	*12,395*	*182*		*/sf*	*17,958*			
120000.000	*Furnishings*											
	Entrance Mat	85.00	sf	4,310	3,853		96.03	/sf	8,162	04 Bus Garage	Renovation	Bus Garage
	Furnishings			*4,310*	*3,853*			*/sf*	*8,162*			
220000.000	*Plumbing Systems*											
	Demolition Cut & Patch	1.00	ls	14,000	1,307	2,553	17,860.55	/ls	17,861	04 Bus Garage	Renovation	Bus Garage
	Reinstall Salvaged Items	1.00	ls	7,000	1,307	1,276	9,584.01	/ls	9,584	04 Bus Garage	Renovation	Bus Garage
	Sawcut, Trench & Patch Concrete	10.00	lf	467	802	30	129.90	/lf	1,299	04 Bus Garage	Renovation	Bus Garage
	1/2" Type L Copper	55.00	lf	792	577	31	25.46	/lf	1,400	04 Bus Garage	Renovation	Bus Garage
	3/4" Type L Copper	60.00	lf	921	1,013	36	32.83	/lf	1,970	04 Bus Garage	Renovation	Bus Garage
	1" Type L Copper	65.00	lf	1,115	1,688	44	43.80	/lf	2,847	04 Bus Garage	Renovation	Bus Garage
	1-1/4" Type L Copper	10.00	lf	201	370	8	57.89	/lf	579	04 Bus Garage	Renovation	Bus Garage
	1-1/2" Type L Copper	60.00	lf	1,346	2,866	53	71.08	/lf	4,265	04 Bus Garage	Renovation	Bus Garage
	2" Type L Copper	210.00	lf	5,834	15,266	228	101.56	/lf	21,327	04 Bus Garage	Renovation	Bus Garage
	1 1/2" NHCI	25.00	lf	818	858	53	69.15	/lf	1,729	04 Bus Garage	Renovation	Bus Garage
	2" NHCI	40.00	lf	1,400	1,378	91	71.73	/lf	2,869	04 Bus Garage	Renovation	Bus Garage
	3" NHCI	40.00	lf	1,458	1,426	95	74.48	/lf	2,979	04 Bus Garage	Renovation	Bus Garage
	Floor Drains	2.00	ea	1,167	872		1,019.17	/ea	2,038	04 Bus Garage	Renovation	Bus Garage
	Air Compressor (Relocated)	1.00	ea	1,750	872	68	2,690.08	/ea	2,690	04 Bus Garage	Renovation	Bus Garage
	Hot Water Heater	1.00	ea	7,000	26,149		33,149.57	/ea	33,150	04 Bus Garage	Renovation	Bus Garage
	HR-1,2,3	3.00	ea	3,500	18,305		7,268.22	/ea	21,805	04 Bus Garage	Renovation	Bus Garage
	Lavatories	2.00	ea	875	2,615		1,744.98	/ea	3,490	04 Bus Garage	Renovation	Bus Garage
	Toilets	2.00	ea	1,167	3,487		2,326.65	/ea	4,653	04 Bus Garage	Renovation	Bus Garage
	Shower Unit	1.00	ea	1,750	3,138		4,887.97	/ea	4,888	04 Bus Garage	Renovation	Bus Garage
	Emergency Eyewash	2.00	ea	1,167	2,615		1,890.82	/ea	3,782	04 Bus Garage	Renovation	Bus Garage
	1" Thrd Sched 40	25.00	lf	550	411	9	38.85	/lf	971	04 Bus Garage	Renovation	Bus Garage
	Plumbing Systems			*54,279*	*87,321*	*4,575*		*/sf*	*146,176*			
230000.000	*HVAC Systems*											
	HVAC Demo	5,600.00	sf	23,060	1,464	4,204	5.13	/sf	28,728	04 Bus Garage	Renovation	Bus Garage
	Glycol	1.00	ls		6,101		6,101.49	/ls	6,101	04 Bus Garage	Renovation	Bus Garage

		2 " x 2"	597.00	lf	4,044	5,578		16.12	/lf	9,623	04 Bus Garage	Renovation	Bus Garage
		1" Duct Wrap Insulation	379.00	sf	1,981	826		7.41	/sf	2,806	04 Bus Garage	Renovation	Bus Garage
		Controls	1.00	ls	17,213	29,636		46,849.12	/ls	46,849	04 Bus Garage	Renovation	Bus Garage
		1-1/2" Type L Copper	700.00	lf	15,706	33,436	614	71.08	/lf	49,756	04 Bus Garage	Renovation	Bus Garage
		8" Round Prefab Duct	52.00	lf	1,484	1,665		60.56	/lf	3,149	04 Bus Garage	Renovation	Bus Garage
		Exhaust Fan	1.00	ea	583	1,743		2,326.63	/ea	2,327	04 Bus Garage	Renovation	Bus Garage
		RGD's	6.00	ea	585	889		245.69	/ea	1,474	04 Bus Garage	Renovation	Bus Garage
		Air Separator	1.00	ea	3,500	6,102		9,601.61	/ea	9,602	04 Bus Garage	Renovation	Bus Garage
		Fan Coil Units	1.00	ea	1,750	6,102		7,851.56	/ea	7,852	04 Bus Garage	Renovation	Bus Garage
		Split AC System	1.00	ea	7,000	6,973		13,973.41	/ea	13,973	04 Bus Garage	Renovation	Bus Garage
		Unit Heater	7.00	ea	4,083	6,102		1,454.99	/ea	10,185	04 Bus Garage	Renovation	Bus Garage
		Electric Wall Heater	1.00	ea	700	2,615		3,314.96	/ea	3,315	04 Bus Garage	Renovation	Bus Garage
		HVAC Systems			*81,690*	*109,232*	*4,818*		*/sf*	*195,740*			
	260000.000	*Electrical*											
		Demolition Cut & Patch	1.00	ls	18,930	1,307	3,191	23,428.06	/ls	23,428	04 Bus Garage	Renovation	Bus Garage
		3/4" Sched 40	50.00	lf	521	72		11.88	/lf	594	04 Bus Garage	Renovation	Bus Garage
		3/4" Sched 40	180.00	lf	1,877	260		11.88	/lf	2,138	04 Bus Garage	Renovation	Bus Garage
		#12 Wire	150.00	lf	172	65		1.58	/lf	237	04 Bus Garage	Renovation	Bus Garage
		MC Cable	30.00	lf	84	117		6.71	/lf	201	04 Bus Garage	Renovation	Bus Garage
		#12 Wire	720.00	lf	826	314		1.58	/lf	1,140	04 Bus Garage	Renovation	Bus Garage
		Duplex	1.00	ea	158	105		262.34	/ea	262	04 Bus Garage	Renovation	Bus Garage
		Small Equipment Connections	24.00	ea	15,144	11,506		1,110.40	/ea	26,650	04 Bus Garage	Renovation	Bus Garage
		Interior Light	6.00	ea	1,893	2,876		794.90	/ea	4,769	04 Bus Garage	Renovation	Bus Garage
		Emergency Light Fixtures	3.00	ea	710	1,830		846.78	/ea	2,540	04 Bus Garage	Renovation	Bus Garage
		Exit Light	4.00	ea	841	628		367.22	/ea	1,469	04 Bus Garage	Renovation	Bus Garage
		Exterior Building Mounted Light Fixtures	9.00	ea	2,840	3,138	205	686.95	/ea	6,183	04 Bus Garage	Renovation	Bus Garage
		Electrical			*43,996*	*22,219*	*3,396*		*/sf*	*69,611*			
	310000.000	*Earthwork*											
		Maintenance and Protection	1.00	ls	1,658	436	137	2,230.50	/ls	2,231	04 Bus Garage	Renovation	Bus Garage
		Layout	1.00	wk	5,346	349	456	6,150.21	/wk	6,150	04 Bus Garage	Renovation	Bus Garage
		Heavy Site Clearing/Demolition (sf)	2,200.00	sf	1,021		963	0.90	/sf	1,984	04 Bus Garage	Renovation	Bus Garage
		Earthwork			*8,025*	*784*	*1,555*		*/sf*	*10,365*			
	320000.000	*Site Improvements*											
		HD Concrete Paving	2,200.00	sf	13,566	38,352	1,409	24.24	/sf	53,328	04 Bus Garage	Renovation	Bus Garage
		Concrete Paving Stabilization Fabric	244.44	sy	567	426	196	4.87	/sy	1,190	04 Bus Garage	Renovation	Bus Garage
		Site Improvements			*14,134*	*38,778*	*1,605*		*/sf*	*54,518*			
		Bus Garage			***326,989***	***508,542***	***26,074***			***861,605***			
Bus Lift													
	140000.000	*Conveying Systems*											
		Inground 2 Post Vehicle Lift (Includes Excavation, Backfill, Concrete)		***ea***					***/ea***		***04 Bus Garage***	***Renovation***	***Bus Lift***
Exhaust													
	220000.000	*Plumbing Systems*											
		HP / OP	3.00	ea	10,500	18,305		9,601.62	/ea	28,805	04 Bus Garage	Renovation	Exhaust
		Fluids System Piping - High Pressure Steel (Oils, Grease, Transmission)	250.00	lf	5,000	8,716	130	55.39	/lf	13,847	04 Bus Garage	Renovation	Exhaust
		Fluids Tanks	3.00	ea	10,500	18,305	1,914	10,239.77	/ea	30,719	04 Bus Garage	Renovation	Exhaust
		Hose Reel	3.00	ea	5,250	7,845	3,829	5,641.30	/ea	16,924	04 Bus Garage	Renovation	Exhaust
		Plumbing Systems			*31,251*	*53,170*	*5,874*		*/sf*	*90,295*			
	230000.000	*HVAC Systems*											
		Controls	1.00	ls	7,377	5,230		12,606.97	/ls	12,607	04 Bus Garage	Renovation	Exhaust
		8" Round Prefab Duct	55.00	lf	1,570	1,957		64.12	/lf	3,526	04 Bus Garage	Renovation	Exhaust
		10" Round Prefab Duct	80.00	lf	2,866	4,291		89.46	/lf	7,157	04 Bus Garage	Renovation	Exhaust
		Stainless Ductwork	442.38	lb	6,212	11,568		40.19	/lb	17,779	04 Bus Garage	Renovation	Exhaust
		Exhaust Fan Rooftop	2.00	ea	1,167	5,230		3,198.28	/ea	6,397	04 Bus Garage	Renovation	Exhaust
		RGD's	14.00	ea	1,365	2,075		245.69	/ea	3,440	04 Bus Garage	Renovation	Exhaust
		HVAC Systems			*20,556*	*30,350*			*/sf*	*50,906*			
	260000.000	*Electrical*											
		Small Equipment Connections	6.00	ea	3,786	2,876		1,110.40	/ea	6,662	04 Bus Garage	Renovation	Exhaust
		Electrical			*3,786*	*2,876*			*/sf*	*6,662*			
		Exhaust			***55,593***	***86,397***	***5,874***			***147,863***			
Power Security													
	260000.000	*Electrical*											
		Demolition Cut & Patch	1.00	ls	18,930	1,307	3,191	23,428.06	/ls	23,428	04 Bus Garage	Renovation	Power Security
		Electrical Excavation	33.33	cy	414		106	15.63	/cy	521	04 Bus Garage	Renovation	Power Security
		Electrical Select Backfill	33.33	cy	414	1,162	106	50.49	/cy	1,683	04 Bus Garage	Renovation	Power Security
		Service Ground	1.00	ls	1,089	1,743	46	2,877.66	/ls	2,878	04 Bus Garage	Renovation	Power Security
		Lighting Panels	1.00	ea	1,893	3,051		4,943.74	/ea	4,944	04 Bus Garage	Renovation	Power Security
		3" Sched 40	20.00	lf	549	190		36.94	/lf	739	04 Bus Garage	Renovation	Power Security
		3" Sched 40 - Service	225.00	lf	6,173	2,138		36.94	/lf	8,310	04 Bus Garage	Renovation	Power Security
		2" Sched 40	30.00	lf	505	132		21.24	/lf	637	04 Bus Garage	Renovation	Power Security
		#1 Wire	50.00	lf	158	256		8.28	/lf	414	04 Bus Garage	Renovation	Power Security

Project Estimate Summary
Akron CSD 2022 CIP
SED Estimate Dated 1/24/2024
Capital Improvement Project SED Detailed Estimate

		#350 MCM	200.00	lf	1,402	4,899		31.50	/lf	6,301	04 Bus Garage	Renovation	Power Security
		#350 MCM - Service	1,800.00	lf	12,620	44,088		31.50	/lf	56,708	04 Bus Garage	Renovation	Power Security
		#6 Wire	30.00	lf	58	48		3.53	/lf	106	04 Bus Garage	Renovation	Power Security
		#3/0 Wire	120.00	lf	606	1,172		14.81	/lf	1,777	04 Bus Garage	Renovation	Power Security
		Meter Box	1.00	ea	2,495	1,046	228	3,769.33	/ea	3,769	04 Bus Garage	Renovation	Power Security
		200 Amp Breaker	3.00	ea	172	2,092	7	756.86	/ea	2,271	04 Bus Garage	Renovation	Power Security
		600 Amp Breaker	1.00	ea	57	2,092	2	2,151.50	/ea	2,152	04 Bus Garage	Renovation	Power Security
		Electrical			*47,536*	*65,415*	*3,686*		*/sf*	*116,636*			
	280000.000	*Security / Alarm Systems*											
		1/2" Sched 40	700.00	lf	5,579	781		9.09	/lf	6,360	04 Bus Garage	Renovation	Power Security
		CAT 6	700.00	lf	1,325	732		2.94	/lf	2,057	04 Bus Garage	Renovation	Power Security
		Outdoor IP Camera	7.00	ea	3,313	20,135		3,349.67	/ea	23,448	04 Bus Garage	Renovation	Power Security
		Security / Alarm Systems			*10,217*	*21,648*			*/sf*	*31,865*			
		Power Security			*57,753*	*87,063*	*3,686*			*148,502*			
		Renovation			**527,390**	**851,332**	**43,239**			**1,421,961**			
Site													
Asphalt and Light													
	050000.000	*Metals*											
		Ext. Post Mounted Rails	90.00	lf	3,923	50,991	246	612.90	/lf	55,161	04 Bus Garage	Site	Asphalt and Light
		Metals			*3,923*	*50,991*	*246*		*/sf*	*55,161*			
	230000.000	*HVAC Systems*											
		In Slab Radiant Slab Piping	1,170.00	sf	5,460	3,059		7.28	/sf	8,520	04 Bus Garage	Site	Asphalt and Light
		HVAC Systems			*5,460*	*3,059*			*/sf*	*8,520*			
	260000.000	*Electrical*											
		Demolition Cut & Patch	1.00	ls	7,572	1,307	1,276	10,155.68	/ls	10,156	04 Bus Garage	Site	Asphalt and Light
		Power Panels	1.00	ea	1,893	3,051		4,943.75	/ea	4,944	04 Bus Garage	Site	Asphalt and Light
		1" Sched 40	600.00	lf	7,257	1,192		14.08	/lf	8,450	04 Bus Garage	Site	Asphalt and Light
		#12 Wire	1,800.00	lf	2,065	784		1.58	/lf	2,850	04 Bus Garage	Site	Asphalt and Light
		Site Lighting Electrical Excavation	66.67	cy	829		213	15.63	/cy	1,042	04 Bus Garage	Site	Asphalt and Light
		Site Lighting Electrical Select Backfill	66.67	cy	829	2,092	213	47.00	/cy	3,134	04 Bus Garage	Site	Asphalt and Light
		Light Pole Base & Foundation	5.00	ea	5,403	8,716	2,857	3,395.11	/ea	16,976	04 Bus Garage	Site	Asphalt and Light
		Light Pole Fixture Single Head	5.00	ea	3,242	15,254	1,714	4,041.84	/ea	20,209	04 Bus Garage	Site	Asphalt and Light
		Light Pole	5.00	ea	2,701	13,075	1,428	3,440.84	/ea	17,204	04 Bus Garage	Site	Asphalt and Light
		Electrical			*31,791*	*45,472*	*7,700*		*/sf*	*84,963*			
	310000.000	*Earthwork*											
		Traffic Signs 1	4.00	ea	2,321	4,533	802	1,913.99	/ea	7,656	04 Bus Garage	Site	Asphalt and Light
		Heavy Site Clearing/Demolition (sf)	18,600.00	sf	8,635		8,139	0.90	/sf	16,774	04 Bus Garage	Site	Asphalt and Light
		Sawcut Asphalt	1,200.00	lf	6,632		1,276	6.59	/lf	7,908	04 Bus Garage	Site	Asphalt and Light
		Earth Fills (Importing Materials)	150.00	cy	1,430	10,460	520	82.73	/cy	12,409	04 Bus Garage	Site	Asphalt and Light
		Grade at Paving	20,000.00	sf	5,969		2,674	0.43	/sf	8,643	04 Bus Garage	Site	Asphalt and Light
		Earthwork			*24,986*	*14,992*	*13,412*		*/sf*	*53,390*			
	320000.000	*Site Improvements*											
		Stabilization Fabric	2,222.22	sy	5,158	3,874	1,783	4.87	/sy	10,815	04 Bus Garage	Site	Asphalt and Light
		Asphalt Subbase	1,111.11	cy	12,895	51,960	32,412	87.54	/cy	97,267	04 Bus Garage	Site	Asphalt and Light
		Asphalt Base Course	350.00	ton	7,300	42,711	2,589	150.29	/ton	52,600	04 Bus Garage	Site	Asphalt and Light
		Asphalt Binder Course	305.56	ton	7,967	38,885	2,825	162.58	/ton	49,677	04 Bus Garage	Site	Asphalt and Light
		Asphalt Top Course	200.00	ton	4,867	29,636	1,726	181.14	/ton	36,229	04 Bus Garage	Site	Asphalt and Light
		Seal & Stripe	45,000.00	sf	14,176	19,612	3,610	0.83	/sf	37,398	04 Bus Garage	Site	Asphalt and Light
		Sidewalks SF	250.00	sf	2,037	3,051	212	21.20	/sf	5,300	04 Bus Garage	Site	Asphalt and Light
		Sidewalks Heated Ramp	320.00	sf	3,763	5,003	391	28.62	/sf	9,158	04 Bus Garage	Site	Asphalt and Light
		HD Concrete Paving	500.00	sf	3,083	8,716	320	24.24	/sf	12,120	04 Bus Garage	Site	Asphalt and Light
		HD Concrete Paving - Heated	850.00	sf	5,242	14,818	545	24.24	/sf	20,604	04 Bus Garage	Site	Asphalt and Light
		Trench Drain	20.00	lf	229	3,487		185.76	/lf	3,715	04 Bus Garage	Site	Asphalt and Light
		Bollards	15.00	ea	2,953	16,997	752	1,380.16	/ea	20,702	04 Bus Garage	Site	Asphalt and Light
		Ground Covering Stone	703.00	sf	1,829	1,226	489	5.04	/sf	3,543	04 Bus Garage	Site	Asphalt and Light
		Site Improvements			*71,499*	*239,975*	*47,653*		*/sf*	*359,127*			
	330000.000	*Utilities*											
		6" HDPE	265.00	lf	3,710	4,158	945	33.26	/lf	8,813	04 Bus Garage	Site	Asphalt and Light
		Catch Basin	2.00	ea	1,146	4,358	292	2,897.71	/ea	5,795	04 Bus Garage	Site	Asphalt and Light
		Drywell	1.00	ea	630	1,569	160	2,359.45	/ea	2,359	04 Bus Garage	Site	Asphalt and Light
		Trench Drain	25.00	lf	788	2,179	201	126.69	/lf	3,167	04 Bus Garage	Site	Asphalt and Light
		Trenching for Pipe	39.26	cy	824		210	26.35	/cy	1,034	04 Bus Garage	Site	Asphalt and Light
		Bedding & Backfill	40.00	cy	420	1,935	107	61.55	/cy	2,462	04 Bus Garage	Site	Asphalt and Light
		Utilities			*7,518*	*14,199*	*1,915*		*/sf*	*23,631*			
		Asphalt and Light			*145,178*	*368,689*	*70,926*			*584,792*			
Future EV													
	310000.000	*Earthwork*											
		Light Site Clearing/Demolition (sf)		***sf***					***/sf***		***04 Bus Garage***	***Site***	***Future EV***
		Site			**145,178**	**368,689**	**70,926**			**584,792**			
		04 Bus Garage			***2,264,795***	***3,906,571***	***246,077***			***6,417,443***			

Location	Location2	Area	Group	Description	Takeoff Quantity	Labor Amount	Material Amount	Equip Amount	Total Cost/Unit	Total Amount	Location	Location2	Area
05 Morton Bldg													
	Renovation												
		Low Volt											
			260000.000	*Electrical*									
				3/4" Sched 40	250.00 lf	2,607	362		11.88 /lf	2,969	05 Morton Bldg	Renovation	Low Volt
				#12 Wire	850.00 lf	975	370		1.58 /lf	1,346	05 Morton Bldg	Renovation	Low Volt
				Duplex	2.00 ea	316	209		262.34 /ea	525	05 Morton Bldg	Renovation	Low Volt
				Electrical		*3,898*	*941*		*/sf*	*4,839*			
			280000.000	*Security / Alarm Systems*									
				Connect to Exisitng System	1.00 ls	3,786	6,102		9,887.49 /ls	9,887	05 Morton Bldg	Renovation	Low Volt
				Fire Alarm Cabling	1,600.00 lf	2,244	1,116		2.10 /lf	3,359	05 Morton Bldg	Renovation	Low Volt
				1/2" EMT	1,200.00 lf	10,690	1,234		9.94 /lf	11,924	05 Morton Bldg	Renovation	Low Volt
				Fire Alarm Devices	12.00 ea	1,893	3,975		488.97 /ea	5,868	05 Morton Bldg	Renovation	Low Volt
				Fire Alarm Control Panel	1.00 ea	7,572	6,102		13,673.45 /ea	13,673	05 Morton Bldg	Renovation	Low Volt
				Security / Alarm Systems		*26,184*	*18,528*		*/sf*	*44,712*			
				Low Volt		*30,082*	*19,469*			*49,551*			
				Renovation		**30,082**	**19,469**			**49,551**			
				05 Morton Bldg		***30,082***	***19,469***			***49,551***			

Location	Location2	Area	Group	Description	Takeoff Quantity	Labor Amount	Material Amount	Equip Amount	Total Cost/Unit	Total Amount	Location	Location2	Area
06 Alternates													
	High School												
		Basement Floor											
			024100.000	*Demolition*									
				Resilient Floor & Base	3,000.00 sf	3,316		273	1.20 /sf	3,589	06 Alternates	High School	Basement Floor
				Prep Floor	3,000.00 sf	1,604		274	0.63 /sf	1,877	06 Alternates	High School	Basement Floor
				Demolition		*4,920*		*547*	*/sf*	*5,467*			
			090000.000	*Finishes*									
				Epoxy Flooring - General Polymers / Sherwin Williams	3,000.00 sf	46,382	31,379	2,735	26.83 /sf	80,496	06 Alternates	High School	Basement Floor
				Finishes		*46,382*	*31,379*	*2,735*	*/sf*	*80,496*			
				Basement Floor		*51,302*	*31,379*	*3,282*		*85,963*			
		Gym Lights											
			260000.000	*Electrical*									
				Demolition Cut & Patch	1.00 ls	37,860	3,487	9,116	50,462.68 /ls	50,463	06 Alternates	High School	Gym Lights
				3/4" EMT	420.00 lf	7,572	842		20.03 /lf	8,414	06 Alternates	High School	Gym Lights
				MC Cable	395.00 lf	3,786	1,542		13.49 /lf	5,328	06 Alternates	High School	Gym Lights
				#12 Wire	2,800.00 lf	15,144	1,220		5.84 /lf	16,364	06 Alternates	High School	Gym Lights
				Vacancy Sensor	24.00 ea	7,572	4,184		489.83 /ea	11,756	06 Alternates	High School	Gym Lights
				Wall Switch	11.00 ea	7,572	767		758.09 /ea	8,339	06 Alternates	High School	Gym Lights
				LF10	79.00 ea	74,773	22,724		1,234.13 /ea	97,497	06 Alternates	High School	Gym Lights
				Exit Light	13.00 ea	2,734	2,040		367.23 /ea	4,774	06 Alternates	High School	Gym Lights
				Electrical		*157,012*	*36,806*	*9,116*	*/sf*	*202,935*			
				Gym Lights		*157,012*	*36,806*	*9,116*		*202,935*			
		Theatrical											
			260000.000	*Electrical*									
				LED Stage Fixtures	1.00 ls	22,716	74,961	3,829	101,506.06 /ls	101,506	06 Alternates	High School	Theatrical
				Electrical		*22,716*	*74,961*	*3,829*	*/sf*	*101,506*			
			270000.000	*Tel / Data*									
				Sound System	1.00 ls	15,144	70,603		85,747.03 /ls	85,747	06 Alternates	High School	Theatrical
				Tel / Data		*15,144*	*70,603*		*/sf*	*85,747*			
				Theatrical		*37,860*	*145,565*	*3,829*		*187,253*			
				High School		**246,174**	**213,749**	**16,227**		**476,150**			
	Site												
		Athletic											
			050000.000	*Metals*									
				Ext. Post Mounted Rails	***lf***				***/lf***		***06 Alternates***	***Site***	***Athletic***
			310000.000	*Earthwork*									
				Fence & Foundations	***lf***				***/lf***		***06 Alternates***	***Site***	***Athletic***
			320000.000	*Site Improvements*									
				Mowing Strip (lf)	***lf***				***/lf***		***06 Alternates***	***Site***	***Athletic***
				Foul Pole	***ea***				***/ea***		***06 Alternates***	***Site***	***Athletic***
				6' Chain Link Fence	***lf***				***/lf***		***06 Alternates***	***Site***	***Athletic***
				Baseball Backstop	***ea***				***/ea***		***06 Alternates***	***Site***	***Athletic***
	Transportation												
		Snow Melt											
			230000.000	*HVAC Systems*									
				In Slab Radiant Slab Piping Zone 4	400.00 sf	1,867	1,046		7.28 /sf	2,913	06 Alternates	Transportation	Snow Melt
				In Slab Radiant Slab Piping Zone 3	600.00 sf	2,800	1,569		7.28 /sf	4,369	06 Alternates	Transportation	Snow Melt
				Glycol Feed System	2.00 ls	7,000	29,636		18,318.06 /ls	36,636	06 Alternates	Transportation	Snow Melt
				Air Separator	2.00 ea	7,000	12,203		9,601.62 /ea	19,203	06 Alternates	Transportation	Snow Melt

				HVAC Systems		*18,667*	*44,454*		*/sf*	*63,121*			
			260000.000	*Electrical*									
				Snow Melt	2.00 ea	3,786	8,716		6,251.22 /ea	12,502	06 Alternates	Transportation	Snow Melt
				Electrical		*3,786*	*8,716*		*/sf*	*12,502*			
			320000.000	*Site Improvements*									
				HD Concrete Paving	1,000.00 sf	6,167	17,433	641	24.24 /sf	24,240	06 Alternates	Transportation	Snow Melt
				Site Improvements		*6,167*	*17,433*	*641*	*/sf*	*24,240*			
				Snow Melt		***28,620***	***70,603***	***641***		***99,864***			
		Wall Panels											
			024100.000	*Demolition*									
				Metal Wall Panel	***sf***				***/sf***		***06 Alternates***	***Transportation***	***Wall Panels***
			040000.000	*Masonry*									
				Brick SF	600.00 sf	19,557	6,864	875	45.49 /sf	27,296	06 Alternates	Transportation	Wall Panels
				Brick Insulation/Waterproofing	600.00 sf	1,658	1,373		5.05 /sf	3,031	06 Alternates	Transportation	Wall Panels
				Masonry		*21,215*	*8,237*	*875*	*/sf*	*30,327*			
			070000.000	*Thermal & Moisture*									
				Fiber Cement Siding	3,700.00 sf	9,380	48,376	422	15.72 /sf	58,178	06 Alternates	Transportation	Wall Panels
				Sheet Metal Flashing	300.00 sf	1,649	732		7.94 /sf	2,382	06 Alternates	Transportation	Wall Panels
				Metal Coping	300.00 sf	2,199	4,053		20.84 /sf	6,252	06 Alternates	Transportation	Wall Panels
				Metal Facia	300.00 sf	2,028	2,746		15.91 /sf	4,774	06 Alternates	Transportation	Wall Panels
				Thermal & Moisture		*15,257*	*55,907*	*422*	*/sf*	*71,586*			
				Wall Panels		***36,471***	***64,144***	***1,297***		***101,912***			
				Transportation		**65,091**	**134,747**	**1,937**		**201,776**			
				06 Alternates		***311,265***	***348,497***	***18,165***		***677,926***			
Location	**Location2**	**Area**	**Group**	**Description**	**Takeoff Quantity**	**Labor Amount**	**Material Amount**	**Equip Amount**	**Total Cost/Unit**	**Total Amount**	**Location**	**Location2**	**Area**
07 Deduct Alts													
	Bus Garage												
		Generator											
			030000.000	*Concrete*									
				Generator Pad	-30.00 sf	-1,141	-209	-119	48.95 /sf	-1,469	07 Deduct Alts	Bus Garage	Generator
				Concrete		*-1,141*	*-209*	*-119*	*/sf*	*-1,469*			
			220000.000	*Plumbing Systems*									
				Natural Gas Utility Services	-1.00 ls	-3,500	-5,230	-638	9,368.12 /ls	-9,368	07 Deduct Alts	Bus Garage	Generator
				Natural Gas Utility Services Upgrade	-1.00 al	-3,500	-26,149		29,649.43 /al	-29,649	07 Deduct Alts	Bus Garage	Generator
				Underslab Gas Piping	-100.00 lf	-5,000	-4,881		98.81 /lf	-9,881	07 Deduct Alts	Bus Garage	Generator
				Trenching for Pipe	-11.11 cy	-350		-89	39.52 /cy	-439	07 Deduct Alts	Bus Garage	Generator
				Bedding & Backfill	-1.11 cy	-13	-45	-25	74.50 /cy	-83	07 Deduct Alts	Bus Garage	Generator
				Plumbing Systems		*-12,363*	*-36,305*	*-752*	*/sf*	*-49,421*			
			260000.000	*Electrical*									
				Demolition Cut & Patch	-1.00 ls	-11,358	-1,307	-1,914	14,579.83 /ls	-14,580	07 Deduct Alts	Bus Garage	Generator
				Electrical Utility Services	-1.00 ls	-11,358	-43,582	-1,914	56,854.57 /ls	-56,855	07 Deduct Alts	Bus Garage	Generator
				Grounding	-1.00 ls	-1,089	-3,487	-46	4,620.90 /ls	-4,621	07 Deduct Alts	Bus Garage	Generator
				Disconnect Switch	-1.00 ea	-946	-872		1,818.13 /ea	-1,818	07 Deduct Alts	Bus Garage	Generator
				3/4" Sched 40	-20.00 lf	-209	-29		11.88 /lf	-238	07 Deduct Alts	Bus Garage	Generator
				2-1/2" Sched 40	-100.00 lf	-2,323	-772		30.95 /lf	-3,095	07 Deduct Alts	Bus Garage	Generator
				1-1/4" Sched 80	-100.00 lf	-1,611	-441		20.52 /lf	-2,052	07 Deduct Alts	Bus Garage	Generator
				Feeder	-100.00 lf	-3,786	-1,656		54.42 /lf	-5,442	07 Deduct Alts	Bus Garage	Generator
				#8 Wire	-100.00 lf	-158	-105		2.62 /lf	-262	07 Deduct Alts	Bus Garage	Generator
				#2 Wire	-300.00 lf	-841	-1,172		6.71 /lf	-2,013	07 Deduct Alts	Bus Garage	Generator
				#250 MCM	-800.00 lf	-5,048	-13,361		23.01 /lf	-18,409	07 Deduct Alts	Bus Garage	Generator
				EM Stop Switch	-1.00 ea	-2,495	-784	-228	3,507.85 /ea	-3,508	07 Deduct Alts	Bus Garage	Generator
				Remote Annunciator	-1.00 ea	-1,893	-872		2,764.64 /ea	-2,765	07 Deduct Alts	Bus Garage	Generator
				Transfer Switch	-1.00 ea	-3,786	-17,433		21,218.83 /ea	-21,219	07 Deduct Alts	Bus Garage	Generator
				Generator 125kw	-1.00 ea	-24,955	-87,164	-2,279	114,398.19 /ea	-114,398	07 Deduct Alts	Bus Garage	Generator
				Electrical		*-71,855*	*-173,036*	*-6,382*	*/sf*	*-251,273*			
			320000.000	*Site Improvements*									
				Bollards	-8.00 ea	-1,575	-9,065	-401	1,380.16 /ea	-11,041	07 Deduct Alts	Bus Garage	Generator
				Site Improvements		*-1,575*	*-9,065*	*-401*	*/sf*	*-11,041*			
				Generator		***-86,935***	***-218,616***	***-7,654***		***-313,204***			
				Bus Garage		**-86,935**	**-218,616**	**-7,654**		**-313,204**			
	Elementary												
		Gym											
			024100.000	*Demolition*									
				Remove Floor Finish	-3,675.00 sf	-1,904	-1,281	-931	1.12 /sf	-4,116	07 Deduct Alts	Elementary	Gym
				Demolition		*-1,904*	*-1,281*	*-931*	*/sf*	*-4,116*			
			090000.000	*Finishes*									
				Refinish Wood Flooring	-3,675.00 sf	-22,257	-8,008	-3,350	9.15 /sf	-33,615	07 Deduct Alts	Elementary	Gym
				Finishes		*-22,257*	*-8,008*	*-3,350*	*/sf*	*-33,615*			
				Gym		***-24,161***	***-9,290***	***-4,281***		***-37,731***			
				Elementary		**-24,161**	**-9,290**	**-4,281**		**-37,731**			

High School														
	Pool													
		024100.000	*Demolition*											
			Ceramic Wall Tile	-120.00	sf	-3,316		-273	29.91	/sf	-3,589	07 Deduct Alts	High School	Pool
			Demolition			*-3,316*		*-273*		*/sf*	*-3,589*			
		040000.000	*Masonry*											
			Expansion Joint	-150.00	lf	-33,947	-4,119		253.77	/lf	-38,066	07 Deduct Alts	High School	Pool
			Masonry			*-33,947*	*-4,119*			*/sf*	*-38,066*			
		090000.000	*Finishes*											
			Porcelain Wall Tile Patching	-150.00	sf	-16,974	-3,661	-1,026	144.40	/sf	-21,660	07 Deduct Alts	High School	Pool
			Finishes			*-16,974*	*-3,661*	*-1,026*		*/sf*	*-21,660*			
			Pool			*-54,237*	*-7,779*	*-1,299*			*-63,316*			
	Room 219													
		025000.000	*Hazardous Materials*											
			Decon & Mobilization	-1.00	ea	-1,658	-1,743	-456	3,857.02	/ea	-3,857	07 Deduct Alts	High School	Room 219
			Floor	-930.00	sf	-4,626	-811	-1,696	7.67	/sf	-7,132	07 Deduct Alts	High School	Room 219
			Hazardous Materials			*-6,284*	*-2,554*	*-2,152*		*/ls*	*-10,989*			
		090000.000	*Finishes*											
			Resilient Flooring - LVT	-930.00	sf	-5,607	-10,538	-308	17.69	/sf	-16,453	07 Deduct Alts	High School	Room 219
			Finishes			*-5,607*	*-10,538*	*-308*		*/sf*	*-16,453*			
			Room 219			*-11,890*	*-13,092*	*-2,460*			*-27,442*			
	Weight HVAC													
		024100.000	*Demolition*											
			Acoustic Tile & Grid	-1,200.00	sf	-1,530		-126	1.38	/sf	-1,657	07 Deduct Alts	High School	Weight HVAC
			Demolition			*-1,530*		*-126*		*/sf*	*-1,657*			
		090000.000	*Finishes*											
			Paint Exposed Steel	-1,200.00	sf	-1,592	-4,184		4.81	/sf	-5,776	07 Deduct Alts	High School	Weight HVAC
			Finishes			*-1,592*	*-4,184*			*/sf*	*-5,776*			
		230000.000	*HVAC Systems*											
			Demolition Cut & Patch	-1.00	ls	-10,500	-1,307	-1,914	13,722.25	/ls	-13,722	07 Deduct Alts	High School	Weight HVAC
			Controls	-1.00	ls	-19,672	-31,379		51,051.44	/ls	-51,051	07 Deduct Alts	High School	Weight HVAC
			3" Type L Copper	-25.00	lf	-1,042	-2,787	-41	154.78	/lf	-3,869	07 Deduct Alts	High School	Weight HVAC
			18" Round Prefab Duct	-80.00	lf	-5,106	-7,657		159.53	/lf	-12,763	07 Deduct Alts	High School	Weight HVAC
			22" Round Prefab Duct	-15.00	lf	-1,053	-1,756		187.25	/lf	-2,809	07 Deduct Alts	High School	Weight HVAC
			RGD's	-6.00	ea	-585	-889		245.69	/ea	-1,474	07 Deduct Alts	High School	Weight HVAC
			RTU-1 3000CFM	-1.00	ea	-10,500	-61,015	-1,550	73,065.23	/ea	-73,065	07 Deduct Alts	High School	Weight HVAC
			HVAC Systems			*-48,459*	*-106,790*	*-3,505*		*/sf*	*-158,754*			
		260000.000	*Electrical*											
			3/4" Sched 40	-300.00	lf	-3,129	-434		11.88	/lf	-3,563	07 Deduct Alts	High School	Weight HVAC
			MC Cable	-60.00	lf	-168	-234		6.71	/lf	-403	07 Deduct Alts	High School	Weight HVAC
			#12 Wire	-900.00	lf	-1,033	-392		1.58	/lf	-1,425	07 Deduct Alts	High School	Weight HVAC
			Large HVAC Equipment Connections	-1.00	ea	-3,786	-2,179		5,965.08	/ea	-5,965	07 Deduct Alts	High School	Weight HVAC
			Vacancy Sensor	-2.00	ea	-291	-349		319.96	/ea	-640	07 Deduct Alts	High School	Weight HVAC
			Interior Light	-12.00	ea	-3,786	-8,368		1,012.81	/ea	-12,154	07 Deduct Alts	High School	Weight HVAC
			Electrical			*-12,193*	*-11,956*			*/sf*	*-24,149*			
			Weight HVAC			*-63,774*	*-122,930*	*-3,631*			*-190,335*			
			High School			**-129,901**	**-143,802**	**-7,390**			**-281,093**			
Middle School														
	Water Heater													
		220000.000	*Plumbing Systems*											
			Demolition Cut & Patch	-1.00	ls	-7,000	-1,307	-1,276	9,584.00	/ls	-9,584	07 Deduct Alts	Middle School	Water Heater
			Connections / Piping Modifications	-1.00	ls	-5,250	-2,615	-957	8,822.34	/ls	-8,822	07 Deduct Alts	Middle School	Water Heater
			Mixing Valve	-1.00	ea	-1,167	-436		1,602.53	/ea	-1,603	07 Deduct Alts	Middle School	Water Heater
			Hot Water Heater	-2.00	ea	-14,000	-52,299		33,149.56	/ea	-66,299	07 Deduct Alts	Middle School	Water Heater
			2-1/2" Thrd Sched 40	-10.00	lf	-467	-581	-4	105.13	/lf	-1,051	07 Deduct Alts	Middle School	Water Heater
			2" Thrd Sched 40	-10.00	lf	-538	-760	-4	130.25	/lf	-1,302	07 Deduct Alts	Middle School	Water Heater
			4" Welded Steel	-20.00	lf	-1,400	-788	-146	116.69	/lf	-2,334	07 Deduct Alts	Middle School	Water Heater
			6" Welded Steel	-30.00	lf	-3,500	-1,736	-365	186.70	/lf	-5,601	07 Deduct Alts	Middle School	Water Heater
			Connect to Existing Gas	-1.00	ls	-1,161	-1,307	-2,261	4,728.90	/ls	-4,729	07 Deduct Alts	Middle School	Water Heater
			Plumbing Systems			*-34,483*	*-61,830*	*-5,012*		*/sf*	*-101,326*			
		260000.000	*Electrical*											
			Water Heater Connections	-2.00	ea	-631	-959		794.90	/ea	-1,590	07 Deduct Alts	Middle School	Water Heater
			Electrical			*-631*	*-959*			*/sf*	*-1,590*			
			Water Heater			*-35,114*	*-62,789*	*-5,012*			*-102,915*			
			Middle School			**-35,114**	**-62,789**	**-5,012**			**-102,915**			
Morton Bldg														
	Low Volt													
		260000.000	*Electrical*											
			3/4" Sched 40	-250.00	lf	-2,607	-362		11.88	/lf	-2,969	07 Deduct Alts	Morton Bldg	Low Volt
			#12 Wire	-850.00	lf	-975	-370		1.58	/lf	-1,346	07 Deduct Alts	Morton Bldg	Low Volt

			Duplex	-2.00	ea	-315	-209		262.35	/ea	-525	07 Deduct Alts	Morton Bldg	Low Volt
			Electrical			*-3,898*	*-941*			*/sf*	*-4,839*			
		280000.000	*Security / Alarm Systems*											
			Connect to Exisitng System	-1.00	ls	-3,786	-6,102		9,887.50	/ls	-9,888	07 Deduct Alts	Morton Bldg	Low Volt
			Fire Alarm Cabling	-1,600.00	lf	-2,244	-1,116		2.10	/lf	-3,359	07 Deduct Alts	Morton Bldg	Low Volt
			1/2" EMT	-1,200.00	lf	-10,690	-1,234		9.94	/lf	-11,924	07 Deduct Alts	Morton Bldg	Low Volt
			Fire Alarm Devices	-12.00	ea	-1,893	-3,975		488.97	/ea	-5,868	07 Deduct Alts	Morton Bldg	Low Volt
			Fire Alarm Control Panel	-1.00	ea	-7,572	-6,102		13,673.44	/ea	-13,673	07 Deduct Alts	Morton Bldg	Low Volt
			Security / Alarm Systems			*-26,184*	*-18,528*			*/sf*	*-44,712*			
			Low Volt			***-30,082***	***-19,469***				***-49,551***			
			Morton Bldg			**-30,082**	**-19,469**				**-49,551**			
Site														
	Tennis Court													
		320000.000	*Site Improvements*											
			Tennis Court Surface	-25,000.00	sf	-7,875	-87,164	-1,337	3.86	/sf	-96,377	07 Deduct Alts	Site	Tennis Court
			Site Improvements			*-7,875*	*-87,164*	*-1,337*		*/sf*	*-96,377*			
			Tennis Court			***-7,875***	***-87,164***	***-1,337***			***-96,377***			
			Site			**-7,875**	**-87,164**	**-1,337**			**-96,377**			
Transportation														
	BG Fluids System													
		220000.000	*Plumbing Systems*											
			HP / OP	-3.00	ea	-10,500	-18,305		9,601.63	/ea	-28,805	07 Deduct Alts	Transportation	BG Fluids System
			Fluids System Piping - High Pressure Steel (Oils, Grease, Transmission)	-250.00	lf	-5,000	-8,716	-130	55.39	/lf	-13,847	07 Deduct Alts	Transportation	BG Fluids System
			Fluids Tanks	-3.00	ea	-10,500	-18,305	-1,914	10,239.78	/ea	-30,719	07 Deduct Alts	Transportation	BG Fluids System
			Hose Reel	-3.00	ea	-5,250	-7,845	-3,829	5,641.29	/ea	-16,924	07 Deduct Alts	Transportation	BG Fluids System
			Plumbing Systems			*-31,251*	*-53,170*	*-5,874*		*/sf*	*-90,295*			
		260000.000	*Electrical*											
			Small Equipment Connections	-2.00	ea	-1,262	-959		1,110.40	/ea	-2,221	07 Deduct Alts	Transportation	BG Fluids System
			Electrical			*-1,262*	*-959*			*/sf*	*-2,221*			
			BG Fluids System			***-32,513***	***-54,129***	***-5,874***			***-92,516***			
			Transportation			**-32,513**	**-54,129**	**-5,874**			**-92,516**			
			07 Deduct Alts			***-346,582***	***-595,258***	***-31,548***			***-973,388***			