Hillcrest Middle School
Building Committee

TOWN OF TRUMBULL
CONNECTICUT

Town Hall
5866 Main Street
Trumbull, Connecticut 06611

Hillcrest Middle School Building Committee
January 26, 2026
7:00 pm
Council Chambers, Trumbull Town Hall

Present: Joseph Costa, Andrew Lubin, Jeff Alterman, Bill Mecca, John Morello, Fran Basbagill, J.C. Cinelli and Ann Sather

Absent: Bob Gerbert

Also Present: Robert Tencza, Arcadis; Gregory Raucci, Bismark Construction; Michael Scott, TSKP; Kevin Bova, Purchasing Director (entered at 7:03 pm); Town Attorney James Nugent and Dr. Martin Semmel, Superintendent of Schools

The meeting was called to order at 7:00 pm followed by Roll Call and the Pledge of Allegiance.

Past Minutes
Motion was made by Mr. Lubin to approve the minutes of January 13, 2026 as written; seconded by Mr. Cinelli. Motion was approved unanimously.

Mr. Bova entered the meeting at 7:03 pm.

Public Comment
Dr. Semmel thanked the Building Committee for the work they have done to date on the project. He presented his concern with regard to potential utility costs. A decision was made to move forward with geothermal but at the last Committee meeting, there were questions about the PV. He was concerned the Building Committee may be creating a building that is not net-zero. If it becomes a total electric building and knowing the electrical costs in the schools currently, that would be a huge deficit to the budget. The community believes this is a net zero project because when it went out to referendum, it was noted it would reduce utility costs. He is hopeful the Committee is making it a priority to ensure they will have as close to a net zero building as possible. He believes it comes down to getting the PVs on top of the building. He does not want to present at a future budget hearing a $300,000-$400,000 increase in utilities because of Hillcrest. It is to a point where it needs to be made clear either the building is going to have PV on it to make it as close to net zero as possible or say it isn't and let the

community be aware that it will cost a lot more in utilities. Unsure if projections have been done on how much the utility bills would be without PV as there would be a large electrical draw. He feels, if it is not net zero, the community would be frustrated as well as the Board of Finance, Town Council and others.

Mr. Costa noted PV is a high priority for the Committee, the Board of Education and the Town. He asked the design team to speak to what is in the job and what provisions are being made to receive PV. The Committee will be reviewing the up-to-date estimates on the design and development drawings and within those estimates will be allocations for PV. We will have a better sense of how the budget is looking and the probability of adding PV. More budgeting is still to be done as these are only estimates at this time. The Committee will do everything they can to have PV on the building whether purchased by the Town or a Purchase Agreement. Net zero is a key goal for the Committee.

Dr. Semmel noted they have not found a Purchase Agreement beneficial to the district. It has less up-front costs but most of the value goes to those who own the PV. This would be the cheaper way to provide PVs but not beneficial to the Town's overall utility savings.

Review and Approval of Invoices
Mr. Tencza indicated there were no invoices to be presented at this time.

New Business
OPM's Project Update – Mr. Tencza discussed the following:

1. Working with TSKP, PM&C and Bismark on the reconciled cost estimates.
2. Working with the Town departments collecting the DD documents and comments so they can be shared with TSKP as they move into CD phase.
3. Discussions were held with MultiVista and they would like them to make a presentation at the February meeting on what their capabilities are and provide a cost estimate. He will be speaking with Kevin Dion to see what he might be looking for, as part of their program is also for the end user. MultiVista specializes in multi-media recording of the building such as drone flyovers, exterior progressions, pictures of any sections of the project, etc. They would be given the floor plan and would take their pictures from the same spot each month to show progression of the project. It is a valuable tool extending for the life of the building with unlimited amount of users to view the information.
4. 90 Day Overview
    a. Looking for Committee approval of the DD estimates to move forward with Construction Documents.
    b. Will be sending the RFP to Purchasing for the Structural Peer Review.
    c. Reaching out to Town building officials for a Third Party Code reviewer to make sure they do not intend to do the work themselves and to look for information for the RFP. (Lubin) – will the Fire Marshall be reviewing plans as well. (Tencza) – yes, documents were given to the Fire Marshall early January. Also reviewed by the Police Department, Parks & Recreation and public school facilities.
    d. Issuing an RFP in February and looking to approve a bidder by the end of the month.
    e. Looking to have Phase I documents complete. Need Building Committee and Board of Education approval prior to submission to the State for a PCR in early April.

f. Phase I Pre-Construction schedule was reviewed. Current target is to start after Trumbull Day with earthwork. (Alterman) – prior to Trumbull Day will fences be going up and equipment coming in or will set up be done after Trumbull Day and start construction. (Tencza) – Anything done will be minimal and will not impact Trumbull Day. The purpose of the Phase I release package was to get a jump start on the foundation before it gets cold.
g. DD Cost Estimate Reconciliation – Bismark's estimate came in $12,000 over the approved budget. PM&C, TSKP's consultant, came in at approximately $116,000,000. There is a variance of $2.1 million or 1.8% of the budget. Looking at a reconciled average of $117,159,769. This also includes a design contingency of 5% and cost escalation of 3%. It also includes the CM contingency of 3% and the CM construction fees. With the reconciled estimates, they are showing just over $1,000,000 under budget. The market seems to be improving.
h. Bid Alternates were reviewed. PV array is listed first at $2,000,000. This covers panels and inverters. The project includes the cost of the infrastructure. Mr. Scott noted this is not an all or nothing PV purchase; partial purchase could be made with contingency funds, if necessary. He noted the project also carries a $1,000,000 hazardous materials contingency to haul away any contaminated material on demo. Unknown what will be found or how much contingency may be used.

<u>Architect's Project Update</u> – Mr. Scott reviewed the site plan currently under review by Inland Wetlands, the exterior of the building, floor plans and detailed interior environment noting the plan is proceeding in an orderly fashion. Things have been incremental and methodical which does not always happen. They are receiving good and timely input from everyone.

1. Site Plan remains the same over the pit area. Athletic field will be shifted slightly. Not much change from prior renderings. Still tracking an additional field as an add alternate towards Daniels Farm Road with any remaining funds. Also pickle ball fields. Parking logistics discussed.
2. Discussed the exterior.
3. Discussed the interior plans for the building. Specifics discussed included
    a. (Lubin/Alterman) - the need for a canopy for students/teachers. (Scott) – this extra coverage will be discussed with the educators as far as size and location.
    b. (Sather) – fire exits. (Scott) – four stairwells from the three story classroom structure; additional exits from the front of the building.
    c. (Alterman) - PE offices and locker room connections. (Scott) – will be reviewed.
    d. (Morello) – two elevators. (Scott) – yes.
    e. (Costa) – staff and student bathroom locations.
    f. (Morello) – roof access and mechanical room locations. (Scott) – main mechanical room is on the lower level, some in hallways, roof access through the mechanical room.
    g. (Cinelli) – planetarium has its own entrance. (Scott) – yes.
    h. (Alterman) – width of hallways. (Scott) – vary; will provide information. All sized for the egress capacity anticipated.
    i. (Sather) – cafeteria flow. (Scott) – working with food service on serving possibilities. Sized for 1/3 of the population.
    j. (Basbagill) – loading dock location.

k. (Basbagill) – student locker location. (Scott) – located on each student level, adequate for projected number of students.
l. (Alterman) – Teacher Rooms have copy machines, etc. (Scott) – includes sinks, cabinetry (light kitchenette). Faculty dining will have full kitchen and teacher mailboxes.

Mr. Scott noted the Hillcrest faculty has been indispensable throughout this project and are quick to respond.

Construction Manager Update – Mr. Raucci discussed the following:

1. Reconciled numbers were decided between Bismarck and the third party estimator looking to see what the differences and deltas are in the project. Some adjustments included foundations, exterior closure quantities, chip board/doors and site prep items.
2. Meeting with CHRO soon with bid packages.
3. Meeting with the Police Department and Fire Department to review logistics plan.
4. Meeting with Mr. King regarding athletic fields.
5. Working through the front parking plan for workers.
6. Working on the bus loop logistics for the start of school.

Questions
(Costa) – is enabling and phasing work captured in the estimate. (Raucci) – yes.
(Alterman) – Exterminator. (Raucci) – placed in the earliest phase.
(Morello) – any considerations for snow removal. (Raucci) – they will be mindful of those occasions.
(Costa) – phasing plan will develop further as the Construction Documents are firmed up. (Raucci) – yes.
(Costa) – would be helpful to have dates on the phases so that the Committee and the Town understand how it actually works.

Next Meeting
February 10, 2026 at 7:00 pm in Council Chambers. Protocol for converting an in-person meeting to virtual was discussed. Need 24 hour notice is needed per Mr. Nugent.

Actions/Approvals of Building Committee
Mr. Tencza noted they are looking for consensus of the Building Committee to approve the reconciled estimates and move forward to the Construction Document phase. **Motion made by Mr. Cinelli to approve the estimates and authorize the design and construction team to move into the final phase of design which is Construction Documents. Seconded by Mr. Mecca. Approved unanimously.**

Adjournment
There being no further business, motion was made by Mr. Mecca to adjourn the meeting at 8:17 pm; seconded by Mrs. Basbagill. Unanimous.

Respectfully submitted,

Barbara Crandall
Clerk

HILLCREST MIDDLE SCHOOL
TOWN OF TRUMBULL

Hillcrest Middle School Building Committee
Arcadis Report

January 27, 2026

AGENDA

A) Project Updates

B) 90 Day Look-Ahead

C) DD Cost Estimate Reconciliation Summary

PROJECT UPDATES

PROJECT UPDATES

- DD estimate with TSKP, PM&C, and Bismark
- Collecting Review Comments from Town Department
- Multivista

90-Day Look Ahead

90 Day Look Ahead Schedule

January 27, 2026
- HSMBC Approval of DD Reconciled Estimate
- HMSBC Approval to begin Construction Documents

February 2026
- Issue RFP for Structural Peer Reviewer

March 2026
- Phase 1 Construction Documents Complete
- HMSBC & BOE Approval of Phase 1 Construction Docs

April 2026
- Phase 1 Office of School Grants Pre-Bid Conformance Review (OGA PCR)


Phase 1 PreConstruction
Schedule

Phase 1 PreConstruction Schedule

Hillcrest Middle School
PHASE 1 PRECONSTUCTION MILESTONE SCHEDULE
1/20/2026

	Milestones	Schedule Plan	Current Target	Actual	Delta
1	Schematic Design	8/15/2026		8/15/2026	0
2	SD Estimate & Reconciliation	9/6/2026		9/11/2026	5
3	HSBC Approval of SD	9/8/2026		9/16/2026	8
4	Trumbull IWL & Traffic Approvals	12/19/2025	2/3/2026		
5	Design Development	12/19/2025		12/18/2025	-1
6	DD Estimate & Reconcilliation	1/22/2026	1/22/2026		
7	HSBC Approval of DD	1/27/2026	1/27/2026		
8	Phase 1 Construction Documents	2/27/2026	3/26/2026		
9	Phase 1 HSBC & BOE Approval of Phase 1 CD's	3/17/2026	3/31/2026		
10	OSTA Approval	4/10/2026			
11	Phase 1 OGA PCR Approval	4/10/2026	4/28/2026		
12	Phase 1 Advertise for Bid	4/13/2026	5/1/2026		
13	Phase 1 Bids Received	5/1/2026	5/22/2026		
14	Phase 1 Scope Reviews Completed	5/7/2026	5/29/2026		
15	Building Permit Approval	5/7/2026	6/4/2026		
16	Phase 1 GMP recommendation to HMSBC	5/7/2026	6/4/2026		
17	Phase 1 GMP Approval by HMSBC	5/12/2026	6/9/2026		
18	Phase 1 GMP Signed by Town	5/15/2026	6/12/2026		
19	Phase 1 Start of Construction	6/1/2026	6/25/2026		


DD Cost Estimate
Reconciliation Summary

DD Cost Estimate Reconciliation Summary

For HMSBC Review January 27, 2026

NEW Hillcrest Middle School Project

Design Development Estimate Reconciliation Summary

Bismark Estimate	$	118,211,907
PM+C Estimate (Design Team Consultant)	$	116,107,630
Variance	$	2,104,277
Approved GMP Budget	$	118,200,000
Variance as percent of GMP Budget		**1.8%**

Budget Summary

	Reconciled Avg.	**$**	**117,159,769**
Including	**Design Contingency**		**5.00%**
	Cost Escalation		**3.00%**

Reconciled Cost	$	117,159,769
Approved GMP Budget	$	118,200,000
Variance Over (Under) Budget	**$**	**(1,040,232)**

Bismark

Construction Managers | General Contractors

BUILDING SOLUTIONS TODAY

THE NEW HILLCREST MIDDLE SCHOOL

Town of Trumbull

January 22, 2026

Basis of Estimate

Bismark
Construction Managers | General Contractors

BUILDING SOLUTIONS TODAY

BASIS OF ESTIMATE

This conceptual estimate is based on a defined set of assumptions, design principles, and included scope elements, as detailed below. These form the foundation for the estimate attached to this project.

Total Project Area: 140,300 square feet

- The construction strategy assumes continuous and per the attached phasing plan and project schedule.
- Cost escalation is included through the construction midpoint.
- Pre-construction and exploratory costs are not included in the estimate totals.
- Schematic Design Set and Specifications dated: 12.18.25

Inclusions & Exclusions

- Excluded Costs:
  - Testing
  - Drug testing and security badging
  - Building permit fees (excluding state-mandated education-related fees)
  - Pre-construction and exploratory activities
- Included Costs:
  - **Hazardous materials** are included.
  - See project totals for **contingency** calculations and inclusions.
  - See project totals for **insurance** calculations and inclusions.
  - All **Trade costs** represented within this estimate

BASIS OF ESTIMATE

This conceptual estimate is based on a defined set of assumptions, design principles, and included scope elements, as detailed below. These form the foundation for the estimate attached to this project.

Total Project Area: 140,300 square feet

D - Services

D10: Conveying Systems (elevators, escalators)

D20: Plumbing

D30: HVAC (heating, ventilation, air conditioning) – Geothermal Heat Pump Options Assumed

D40: Fire Protection

D50: Electrical – Generator Included

E - Equipment & Furnishings

E10: Equipment (built-in equipment) – all electric

E20: Furnishings (movable furniture, artwork)

F - Special Construction & Demolition Special structures, demolition work – Planetarium carried in this section

G - Building Sitework Site preparation, utilities, landscaping, site improvements

- Existing sanitary to be tied into the current line servicing Hillcrest out to Harvest Hill

- New Electrical feeds will come from a new service line off Daniels Farm Rd.
- Anticipation of Road to be displayed

Estimate Summary and Detail

Estimate Summary Report
Hillcrest Middle School

Bismark Construction Managers | General Contractors

40+ YEARS BUILDING FOR THE FUTURE est. 1982

DESIGN DEVELOPMENT ESTIMATE - RECONCILED — **January 21, 2026**

Estimate Totals

LVL 2	LEVEL 2 GROUP ELEMENTS		DD ESTIMATE Gross Floor Area 140,300	$/sf	Estimated Construction Cost
A10	FOUNDATIONS			$ 39.20	$ 5,500,000
A 20	BASEMENT CONSTRUCTION			$ -	$ -
B10	SUPERSTRUCTURE			$ 53.35	$ 7,485,000
B20	EXTERIOR CLOSURE			$ 87.82	$ 12,321,000
B30	ROOFING			$ 41.30	$ 5,794,000
C10	INTERIOR CONSTRUCTION			$ 72.04	$ 10,107,000
C20	STAIRS			$ 4.05	$ 568,000
C30	INTERIOR FINISHES			$ 34.41	$ 4,828,000
D10	CONVEYING			$ 3.29	$ 461,000
D20	PLUMBING			$ 28.75	$ 4,034,000
D30	HVAC			$ 103.16	$ 14,473,000
D40	FIRE PROTECTION			$ 7.95	$ 1,116,000
D50	ELECTRICAL			$ 73.21	$ 10,271,000
E10	EQUIPMENT			$ 10.14	$ 1,422,000
E20	FURNISHINGS			$ 9.50	$ 1,333,000
F10	SPECIAL CONSTRUCTION			$ 3.61	$ 507,000
F20	SELECTIVE BUILDING DEMOLITION			$ 33.86	$ 4,751,000
G10	SITE PREPARATION			$ 26.31	$ 3,691,000
G20	SITE IMPROVEMENTS			$ 41.70	$ 5,851,000
G30	SITE MECHANICAL UTILITIES			$ 12.87	$ 1,805,000
G40	SITE ELECTRICAL UTILITIES			$ 6.24	$ 876,000
G90	OTHER SITE CONSTRUCTION			$ -	$ -
	CONSTRUCTION TRADE COST			**$ 692.76**	**$ 97,194,000**
	DESIGN AND PRICING CONTINGENCY	5%		$ 42.15	$ 4,859,700
	CM/GMP CONTINGENCY	3%			$ 3,061,611
	SUB TOTAL				**$ 105,115,311**

GENERAL CONDITIONS	2.6136%		$ 23.83	$ 2,747,332
PRECONSTRUCTION FEE				
REIMBURSABLES/SOFTWARE MANAGEMENT FEE				$ 708,440
GENERAL REQUIREMENTS	2.50%			$ 2,627,883
PERFORMANCE & PAYMENT BOND	0.6173%			$ 648,848
INSURANCE GLI (CMA & Subcontractors)	1.05%		$ 9.57	$ 1,103,711
INSURANCE CDI	0%			$ -
PERMIT (Cost/$1000.00)	$ -			
STATE EDUCATION PERMIT ($0.26/$1000.00)	$ -			$ 29,367.40
SUB TOTAL				**$ 112,980,892**
CM FEE	1.63%			$ 1,841,589
ESCALATION TO MIDPOINT OF CONSTRUCTION	3.00%			$ 3,389,427
TOTAL OF CONSTRUCTION			**$ 842.57**	**$ 118,211,907**
SOFT COSTS				
ENVIRONMENTAL CONSULTANT (PHASE I & II)				
ARCHITECT FEES				
PROJECT MANAGEMENT				
COMMISSIONING				
TESTING & INSPECTION				
MOVING & STORAGE				
BUILDERS RISK INSURNCE				
CITY / TOWN LEGAL SERVICES				
BOND COUNCIL FEES				
STATE PERMIT FEES				
CITY OF BRIDGEPORT BUILDING PERMIT FEES				
PRINTING AND MAILING				
TRAFFIC STUDY (STC APPROVAL)				
FURNITURE, FIXTURES, EQUIPMENT & TECHNOLOGY				
PLAYSCAPES				
CONSTRUCTION CONTINGENCY (BASED ON TRADE COST)	5%			
PLAN APPROVAL FEES				
ADVERTISING / PRINTING				
BID DOCUMENT REPRODUCTION				
THRESHOLD PEER REVIEW				
LAND ACQUISITION (OVER APPRAISED)				
ENVIRONMENTAL MONITORING				
UTILITIES				$ -
TOTAL SOFT COST			**$ -**	**$ -**
TOTAL PROJECT COST			**$ 1,025.18**	**$ 118,211,907**

ALTERNATES

1	PV Array	ADD	$ 2,048,750.00
2	Folding Partition	DEDUCT	$ (22,000.00)
3	Solar Shading Devices	DEDUCT	$ (50,000.00)
4	Senior Parking 40 Spaces	ADD	$ 154,500.00
5	Additional Athletic Field	ADD	$ 758,880.00
6	Pickleball Courts	ADD	$ 310,000.00
7	Repave Entry Road	ADD	$ 175,000.00

UNIFORMAT II ELEMENTAL COST SUMMARY AND ANALYSIS

Table 1: BUILDING

LEVEL 2 GROUP ELEMENTS	Level 3 Element	Ratio	Quantity	UoM	Unit Rate	Amount	Cost per Unit GFA	% Trade Cost
A10	**FOUNDATIONS**					**$5,500,000**	**$39.20**	**6.5%**
A1010	Standard Foundations					2190000	15.61	
A1020	Special Foundations						0.00	
A1030	Slab on Grade					3310000	23.59	
A20	**BASEMENT CONSTRUCTION**					**$0**	**$0.00**	**0.0%**
A2010	Basement Excavation					0	0.00	
A2020	Basement Walls					0	0.00	
B10	**SUPERSTRUCTURE**					**$7,485,000**	**$53.35**	**8.8%**
B1010	Floor Construction					3329000	23.73	
B1020	Roof Construction					4156000	29.62	
B20	**EXTERIOR CLOSURE**					**$12,321,000**	**$87.82**	**14.5%**
B2010	Exterior Walls					8342000	59.46	
B2020	Exterior Windows					3686000	26.27	
B2030	Exterior Doors					293000	2.09	
B30	**ROOFING**					**$5,794,000**	**$41.30**	**6.8%**
B3010	Roof Coverings					5787000	41.25	
B3020	Roof Openings					7000	0.05	
C10	**INTERIOR CONSTRUCTION**					**$10,107,000**	**$72.04**	**11.9%**
C1010	Partitions					7277000	51.87	
C1020	Interior Doors					1363000	9.71	
C1030	Fittings					1467000	10.46	
C20	**STAIRS**					**$568,000**	**$4.05**	**0.7%**
C2010	Stair Construction					485000	3.46	
C2020	Stair Finishes					83000	0.59	
C30	**INTERIOR FINISHES**					**$4,828,000**	**$34.41**	**5.7%**
C3010	Wall Finishes					1084000	7.73	
C3020	Floor Finishes					1845000	13.15	
C3030	Ceiling Finishes					1899000	13.54	
D10	**CONVEYING**					**$461,000**	**$3.29**	**0.5%**
D1010	Elevators & Lifts					461000	3.29	
D1020	Escalators & Moving Walks					0	0.00	
D1090	Other Conveying Systems					0	0.00	
D20	**PLUMBING**					**$4,034,000**	**$28.75**	**4.7%**
D2010	Plumbing Fixtures					677000	4.83	
D2020	Domestic Water Distribution					1324000	9.44	
D2030	Sanitary Waste					75000	0.53	
D2040	Rain Water Drainage					746000	5.32	
D2090	Other Plumbing Systems					1212000	8.64	
D30	**HVAC**					**$14,473,000**	**$103.16**	**17.0%**
D3010	Energy Supply					3687000	26.28	
D3020	Heat Generating Systems					1404000	10.01	
D3030	Cooling Generating Systems					14000	0.10	
D3040	Distribution Systems					5223000	37.23	
D3050	Terminal & Package Units					646000	4.60	
D3060	Controls and Instrumentation					1074000	7.66	
D3070	Systems Testing & Balancing					91000	0.65	
D3090	Other HVAC Systems & Equipment					2334000	16.64	
D40	**FIRE PROTECTION**					**$1,116,000**	**$7.95**	**1.3%**
D4010	Sprinklers					1116000	7.95	
D4020	Standpipes					0	0.00	
D4030	Fire Protection Specialties					0	0.00	
D4090	Other Fire Protection Systems					0	0.00	
D50	**ELECTRICAL**					**$10,271,000**		**12.1%**
D5010	Electrical Service and Distribution					3019000	21.52	
D5020	Lighting & Branch Wiring					3214000	22.91	
D5030	Communications & Security					3152000	22.47	
D5090	Other Electrical Systems					886000	6.32	
E10	**EQUIPMENT**					**$1,422,000**	**$10.14**	**1.7%**
E1010	Commercial Equipment					1422000	10.14	
E1020	Institutional Equipment					0	0.00	
E1030	Vehicular Equipment					0	0.00	
E1090	Other Equipment					0	0.00	
E20	**FURNISHINGS**					**$1,333,000**	**$9.50**	**1.6%**
E2010	Fixed Furnishings					1333000	9.50	
E2020	Movable Furnishings					0	0.00	
F10	**SPECIAL CONSTRUCTION**					**$507,000**	**$3.61**	**0.6%**
F1010	Special Structures					507000	3.61	
F1020	Integrated Construction					0	0.00	
F1030	Special Construction Systems					0	0.00	
F1040	Special Facilities					0	0.00	
F1050	Special Controls and Instrumentation					0	0.00	
F20	**SELECTIVE BUILDING DEMOLITION**					**$4,751,000**	**33.86**	**5.6%**
F2010	Building Elements Demolition					1523000	10.86	
F2020	Hazardous Components Abatement					3228000	23.01	
					Building Trade Cost without Design Allowance:	**$84,971,000**	**605.64**	**100.0%**
Z10	Design Development Allowance	0.0%				0	0.00	
					Building Trade Cost (BTC):	**$84,971,000**	**605.64**	**100.0%**

Level 1 Major Group Elements	
A. SUBSTRUCTURE	$5,500,000
B. SHELL	$25,600,000
C. INTERIORS	$15,503,000
D. SERVICES	$30,355,000
E. EQUIPMENT & FURNISHINGS	$2,755,000
F. SPECIAL CONSTRUCTION & DEMOLITION	$5,258,000
G. SITEWORK	$12,223,000
X & Z. FIELD REQ'S, OFFICE OVERHEAD & PROFIT, AND ALLOWANCES	$0
Total Construction Cost (TCC)	**$97,194,000**

MAIN PARAMETERS		
Name	Hillcrest Middle School	
Location	Daniels Farm Road, Trumbull	
Facility Type	Educational	
Cost Index	100.0	
Estimate Classification	Class 3 (Preliminary Design)	
Reference		
Estimate Date	1/20/2026	
Bid Date	1/0/1900	
Start Date	1/0/1900	
Finish Date	6/30/2029	
Design GFA	140300	0.00
Program GFA	140300	0
Difference	0	0
TSA	0	0
FPA		0
NSA	#VALUE!	0.00

ABBREVIATIONS

TSA: Total Site Area
FPA: Foot Print Area
GFA: Gross Floor Area
NSA: Net Site Area

BTC: Building Trade Cost
BCC: Building Construction Cost

STC: Sitework Trade Cost
SCC: Sitework Construction Cost
TCC: Total Construction Cost

NOTES

1. The classificaton conforms to ASTM Designation E1557 "Standard Classification of Building Elements and Related Sitework - UNIFORMAT II", E2083 "Standard Classification of Field Requirements and Office Overhead & Profit", and E2168 "Standard Classification of Allowances, Contingencies and Reserves".

2. The "Building Trade Cost without Design Allowance" is designated as 100% value for the project; this figure is the Design-to-Cost (DTC) objective for designers based on trade level costing.

3. Construction contingencies (part of the project costs) are not included in the summaries.

Bismark
Construction Managers | General Contractors

UNIFORMAT II ELEMENTAL COST SUMMARY AND ANALYSIS

X	**FIELD REQUIREMENTS, OFFICE OVERHEAD & PROFIT**				**$0**	**0.00**	**0.0%**
X10	Field Requirements		0.0%		0	0.00	
X20	Office Overhead & Profit		0.0%		0	0.00	
	Building Construction Cost without Inflation:				**$84,971,000**	**605.64**	**100.0%**
Z20	Inflation Allowance		0.0%		0	0.00	
TOTAL - BUILDING CONSTRUCTION COST (BCC)					**$84,971,000**	**605.64**	**100.0%**

Bismark Construction Co., Inc

100 Bridgeport Av
Milford, CT 06460
USA

Table 2: SITEWORK

LEVEL 2 GROUP ELEMENTS	Level 3 Element	Ratio	Quantity	UoM	Unit Rate	Amount	Cost per Unit NSA	% Trade Cost
G10	**SITE PREPARATION**					**$3,691,000**	**$26.31**	**30.2%**
G1010	Site Clearing					1727000	12.31	
G1020	Site Demolition and Relocations					451000	3.21	
G1030	Site Earthwork					1463000	10.43	
G1040	Hazardous Waste Remediation					50000	0.36	
G20	**SITE IMPROVEMENTS**					**$5,851,000**	**$41.70**	**47.9%**
G2010	Roadways					1000000	7.13	
G2020	Parking Lots					217000	1.55	
G2030	Pedestrian Paving					797000	5.68	
G2040	Site Development					1235000	8.80	
G2050	Landscaping					2602000	18.55	
G30	**SITE MECHANICAL UTILITIES**					**$1,805,000**	**$12.87**	**14.8%**
G3010	Water Supply					472000	3.36	
G3020	Sanitary Sewer					155000	1.10	
G3030	Storm Sewer					1178000	8.40	
G3040	Heating Distribution					0	0.00	
G3050	Cooling Distribution					0	0.00	
G3060	Fuel Distribution					0	0.00	
G3090	Other Site Mechanical Utilities					0	0.00	
G40	**SITE ELECTRICAL UTILITIES**					**$876,000**	**$6.24**	**7.2%**
G4010	Electrical Distribution					438000	3.12	
G4020	Site Lighting					135000	0.96	
G4030	Site Communications & Security					103000	0.73	
G4090	Other Site Electrical Utlilities					200000	1.43	
G90	**OTHER SITE CONSTRUCTION**					**$0**	**$0.00**	**0.0%**
G9010	Service and Pedestrian Tunnels					0	0.00	
G9090	Other Site Systems					0	0.00	
	Sitework Trade Cost without Design Allowance:					**$12,223,000**	**87.12**	**100.0%**
Z10	Design Development Allowance		0.0%			0	0.00	
	Sitework Trade Cost (STC):					**$12,223,000**	**87.12**	**100.0%**
X	**FIELD REQUIREMENTS, OFFICE OVERHEAD & PROFIT**					**$0**	**0.00**	**0.0%**
X10	Field Requirements		0.0%			0	0.00	
X20	Office Overhead & Profit		0.0%			0	0.00	
	Sitework Construction Cost without Inflation:					**$12,223,000**	**87.12**	**100.0%**
Z20	Inflation Allowance		0.0%			0	0.00	
TOTAL - SITEWORK CONSTRUCTION (SCC)						**$12,223,000**	**$174.24**	**100.0%**

Level 1 Major Group Elements	
A. SUBSTRUCTURE	$5,500,000
B. SHELL	$25,600,000
C. INTERIORS	$15,503,000
D. SERVICES	$30,355,000
E. EQUIPMENT & FURNISHINGS	$2,755,000
F. SPECIAL CONSTRUCTION & DEMOLITION	$5,258,000
G. SITEWORK	$12,223,000
X & Z. FIELD REQ'S, OFFICE OVERHEAD & PROFIT, AND ALLOWANCES	$0
Total Construction Cost (TCC)	**$97,194,000**

MAIN PARAMETERS		
Name	Hillcrest Middle School	
Location	Daniels Farm Road, Trumbull	
Facility Type	Educational	
Cost Index	100	
Estimate Classification	Class 3 (Preliminary Design)	
Reference		
Estimate Date	1/20/2026	
Bid Date	1/0/1900	
Start Date	1/0/1900	
Finish Date	6/30/2029	
Design GFA	140300	0.00
Program GFA	140300	0.00
Difference	0	0.00
TSA	0	0.00
FPA		0.00
NSA	#VALUE!	0.00

Table 3: TOTAL CONSTRUCTION COST SUMMARY (TCC)

	Building		Sitework		Total		Cumulative	
	Cost	%	Cost	%	Cost	%	Cost	%
Building Trade Cost without Design Allowance:	84,971,000	87.4%	12,223,000	12.6%	97,194,000	100.0%	97,194,000	100.0%
Field Requirements, Office Overhead & Profit	0	0.0%	0	0.0%	0	0.0%	97,194,000	100.0%
Design Allowance	0	0.0%	0	0.0%	0	0.0%	97,194,000	100.0%
Inflation Allowance	0	0.0%	0	0.0%	0	0.0%	97,194,000	100.0%
Total Construction Cost (TCC)	84,971,000	87.4%	12,223,000	12.6%	97,194,000	100.0%		

Table 4: Remarks

A10 Foundations

A1010	Standard Foundations					$ 2,190,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
033000	**CONCRETE**					
	CONTINUOUS FOOTING					
	3'-0" Wide X 1'-0" Deep Cont. Footing W/ 3#5 Cont. Bars, #5 Horiz Bars@16" Oc.					
	Formwork		4,561	SF	$ 8.18	$ 37,308.98
	Concrete, 4,500 Psi		253	CY	$ 584.24	$ 147,812.72
	3#5 Cont. Bars (Lf= 2172)		7,136	LBS	$ 3.62	$ 25,832.32
	#5 Horiz Bars@16" Oc. (Lf= 2172)		14,307	LBS	$ 3.62	$ 51,791.34
	4'-8" Widex1'-0" Deep Cont. Footing W/ 6#5 Cont. Bars, #5 Horiz Bars@12" Oc.					
	Formwork		104	SF	$ 8.18	$ 850.72
	Concrete, 4,500 Psi		9	CY	$ 584.24	$ 5,258.16
	6#5 Cont. Bars (Lf= 49)		325	LBS	$ 3.62	$ 1,176.50
	#5 Horiz Bars @12" Oc. (Lf= 49)		649	LBS	$ 3.62	$ 2,349.38
	4'-0" Widex1'-0" Deep Cont. Footing W/ 3#5 Cont. Bars, #4 Horiz Bars@12" Oc.					
	Formwork		203	SF	$ 8.18	$ 1,660.54
	Concrete, 4,500 Psi		15	CY	$ 584.24	$ 8,763.60
	3#5 Cont. Bars (Lf= 97)		317	LBS	$ 3.62	$ 1,147.54
	#4 Horiz Bars @12" Oc. (Lf= 97)		1058	LBS	$ 3.62	$ 3,829.96
	2'-4" Widex1'-0" Deep Cont. Footing W/ 2#5 Cont. Bars					
	Formwork		85	SF	$ 8.18	$ 695.30
	Concrete, 4,500 Psi		4	CY	$ 584.24	$ 2,336.96
	2#5 Cont. Bars (Lf= 40)		88	LBS	$ 3.62	$ 318.56
	5'-4" Widex1'-3" Deep Cont. Footing W/ 6#5 Cont. Bars, #6 Transverse Bars@12" Oc.					
	Formwork		249	SF	$ 8.18	$ 2,036.82
	Concrete, 4,500 Psi		25	CY	$ 584.24	$ 14,606.00
	3#5 Cont. Bars (Lf= 95)		622	LBS	$ 3.62	$ 2,251.64
	#6 Transverse Bars@12" Oc. (Lf= 95)		2,090	LBS	$ 3.62	$ 7,565.80
	10'-0" Widex1'-6" Deep Cont. Footing W/ 14#5 Cont. Bars, #6 Transverse Bars@12" Oc. T&B					
	Formwork		605	SF	$ 8.18	$ 4,948.90
	Concrete, 4,500 Psi		112	CY	$ 584.24	$ 65,434.88
	3#5 Cont. Bars (Lf= 95)		1,069	LBS	$ 3.62	$ 3,869.78
	#6 Transverse Bars@12" Oc. (Lf= 95)		3,805	LBS	$ 3.62	$ 13,774.10
	10'-0" Widex1'-6" Deep Cont. Footing W/ 14#5 Cont. Bars, #6 Transverse Bars@16" Oc.T&B					
	Formwork		220	SF	$ 8.18	$ 1,799.60
	Concrete, 4,500 Psi		41	CY	$ 584.24	$ 23,953.84
	3#5 Cont. Bars (Lf= 95)		1,069	LBS	$ 3.62	$ 3,869.78
	#6 Transverse Bars@12" Oc. (Lf= 95)		3,805	LBS	$ 3.62	$ 13,774.10

A10 Foundations

Thickened Slab Edge (1.80 Sf) / 3#5 Cont. Bars						
Formwork	1,279	SF	$	8.18	$	10,462.22
Concrete, 4,500 Psi	28	CY	$	584.24	$	16,358.72
Trowel/ Float Finish	426	SF	$	1.90	$	809.40
3#5 Cont. Bars (Lf= 500)	1,334	LBS	$	3.62	$	4,829.08
Thickened Slab Edge (0.80 Sf) / 2#5 Cont. Bars, #4@18" Oc. (2.5 L)						
Formwork	218	SF	$	8.18	$	1,783.24
Concrete, 4,500 Psi	3	CY	$	584.24	$	1,752.72
Trowel/ Float Finish	109	SF	$	1.90	$	207.10
2#5 Cont. Bars (Lf= 105)	228	LBS	$	3.62	$	825.36
#4 @18" Oc. (Lf= 105)	329	LBS	$	3.62	$	1,190.98
CONCRETE PAD FOOTINGS						
F40: 4'-0"X4'-0"X1'-3" Deep Pad Footing	**35**	**EA**				
Formwork	700	SF	$	8.18	$	5,726.00
Concrete, 4,500 Psi	27	CY	$	584.24	$	15,774.48
8 #4 Reinf. Bars Each Way	45	LBS	$	3.62	$	162.90
F50: 5'-0"X5'-0"X1'-3" Deep Pad Footing	**15**	**EA**				
Formwork	375	SF	$	8.18	$	3,067.50
Concrete, 4,500 Psi	18	CY	$	584.24	$	10,516.32
9 #4 Reinf. Bars Each Way	63	LBS	$	3.62	$	228.06
F50T: 5'-0"X5'-0"X1'-5" Deep Pad Footing	**6**	**EA**				
Formwork	170	SF	$	8.18	$	1,390.60
Concrete, 4,500 Psi	9	CY	$	584.24	$	5,258.16
9 #4 Reinf. Bars Each Way, Top & Bott.	126	LBS	$	3.62	$	456.12
F60: 6'-0"X6'-0"X1'-3" Deep Pad Footing	**24**	**EA**				
Formwork	720	SF	$	8.18	$	5,889.60
Concrete, 4,500 Psi	42	CY	$	584.24	$	24,538.08
10 #4 Reinf. Bars Each Way	84	LBS	$	3.62	$	304.08
F60T: 6'-0"X6'-0"X1'-3" Deep Pad Footing	**7**	**EA**				
Formwork	210	SF	$	8.18	$	1,717.80
Concrete, 4,500 Psi	12	CY	$	584.24	$	7,010.88
10 #4 Reinf. Bars Each Way, Top & Bott.	168	LBS	$	3.62	$	608.16
F70: 7'-0"X7'-0"X1'-6" Deep Pad Footing	**32**	**EA**				
Formwork	1344	SF	$	8.18	$	10,993.92
Concrete, 4,500 Psi	67	CY	$	584.24	$	39,144.08
10 #4 Reinf. Bars Each Way	138	LBS	$	3.62	$	499.56
F70: 7'-0"X7'-0"X1'-6" Deep Pad Footing	**1**	**EA**				
Formwork	42	SF	$	8.18	$	343.56
Concrete, 4,500 Psi	2	CY	$	584.24	$	1,168.48
9 #5 Reinf. Bars Each Way, Top & Bott.	276	LBS	$	3.62	$	999.12
F80: 8'-0"X8'-0"X1'-6" Deep Pad Footing	**18**	**EA**				
Formwork	864	SF	$	8.18	$	7,067.52
Concrete, 4,500 Psi	67	CY	$	584.24	$	39,144.08
9 #6 Reinf. Bars Each Way	227	LBS	$	3.62	$	821.74
F80T: 8'-0"X8'-0"X1'-6" Deep Pad Footing	**13**	**EA**				
Formwork	624	SF	$	8.18	$	5,104.32

Concrete, 4,500 Psi	49 CY	$	584.24	$	28,627.76
9 #6 Reinf. Bars Each Way, Top & Bott.	454 LBS	$	3.62	$	1,643.48
F90: 9'-0"X9'-0"X2'-0" Deep Pad Footing	**20 EA**				
Formwork	1440 SF	$	8.18	$	11,779.20
Concrete, 4,500 Psi	126 CY	$	584.24	$	73,614.24
9 #7 Reinf. Bars Each Way	348 LBS	$	3.62	$	1,259.76
F100T: 10'-0"X10'-0"X2'-3" Deep Pad Footing	**9 EA**				
Formwork	810 SF	$	8.18	$	6,625.80
Concrete, 4,500 Psi	79 CY	$	584.24	$	46,154.96
10 #7 Reinf. Bars Each Way, Top & Bott.	858 LBS	$	3.62	$	3,105.96
F110T: 11'-0"X11'-0"X2'-0" Deep Pad Footing	**5 EA**				
Formwork	440 SF	$	8.18	$	3,599.20
Concrete, 4,500 Psi	47 CY	$	584.24	$	27,459.28
11 #7 Reinf. Bars Each Way, Top & Bott.	1,039 LBS	$	3.62	$	3,761.18
F140T: 14'-0"X14'-0"X2'-0" Deep Pad Footing	**1 EA**				
Formwork	112 SF	$	8.18	$	916.16
Concrete, 4,500 Psi	15 CY	$	584.24	$	8,763.60
14 #7 Reinf. Bars Each Way, Top & Bott.	1683 LBS	$	3.62	$	6,092.46
WALLS					
CONCRETE STEM WALL					
16" Thick Concrete Stem Wall (3'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face	**1,114 LF**				
Formwork	7,019 SF	$	8.18	$	57,415.42
Concrete, 4,500 Psi	173 CY	$	584.24	$	101,073.52
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	4,688 LBS	$	3.62	$	16,970.56
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	5,504 LBS	$	3.62	$	19,924.48
14" Thick Concrete Stem Wall (3'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face	**124 LF**				
Formwork	782 SF	$	8.18	$	6,396.76
Concrete, 4,500 Psi	17 CY	$	584.24	$	9,932.08
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	522 LBS	$	3.62	$	1,889.64
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	613 LBS	$	3.62	$	2,219.06
16" Thick Concrete Stem Wall (5'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face	**540 LF**				
Formwork	5,667 SF	$	8.18	$	46,356.06
Concrete, 4,500 Psi	140 CY	$	584.24	$	81,793.60
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	3,785 LBS	$	3.62	$	13,701.70
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	4,444 LBS	$	3.62	$	16,087.28
8" Thick Concrete Stem Wall (4'-4" H) W/ #4@12" Cont. Horiz. Bars, #5@16" Oc. Vert. Bar	**436 LF**				
Formwork	3,962 SF	$	8.18	$	32,409.16

Concrete, 4,500 Psi	49	CY	$	584.24	$	28,627.76
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	2,647	LBS	$	3.62	$	9,582.14
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	3,107	LBS	$	3.62	$	11,247.34
8" Thick Concrete Stem Wall (2'-4" H) W/ #4@12" Cont. Horiz. Bars, #4@12" Oc. Vert. Bar	**102**	**LF**				
Formwork	499	SF	$	8.18	$	4,081.82
Concrete, 4,500 Psi	6	CY	$	584.24	$	3,505.44
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	333	LBS	$	3.62	$	1,205.46
#4@12" Oc. Vert. Bars Each Face (Lf= 1114)	333	LBS	$	3.62	$	1,205.46
8" Thick Concrete Stem Wall (1'-0" H) W/ #4@12" Cont. Horiz. Bars, #5@16" Oc. Vert. Bar	**275**	**LF**				
Formwork	577	SF	$	8.18	$	4,719.86
Concrete, 4,500 Psi	7	CY	$	584.24	$	4,089.68
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	386	LBS	$	3.62	$	1,397.32
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	453	LBS	$	3.62	$	1,639.86
12" Thick Concrete Stem Wall (0'-8" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@16" Oc. Vert. Bars Each Face	**241**	**LF**				
Formwork	338	SF	$	8.18	$	2,764.84
Concrete, 4,500 Psi	6	CY	$	584.24	$	3,505.44
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	338	LBS	$	3.62	$	1,223.56
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	396	LBS	$	3.62	$	1,433.52
10" Thick Concrete Stem Wall (3'-6" H) W/ #4@12" Cont. Horiz. Bars Each Face, #4@16" Oc. Vert. Bars Each Face	**83**	**LF**				
Formwork	610	SF	$	8.18	$	4,989.80
Concrete, 4,500 Psi	9	CY	$	584.24	$	5,258.16
#4@12" Cont. Horiz. Bars Each Face (Lf= 1114)	408	LBS	$	3.62	$	1,476.96
#5@16" Oc. Vert. Bars Each Face (Lf= 1114)	479	LBS	$	3.62	$	1,733.98
CONCRETE WALL						
24" Thick Concrete Wall (14-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #7@12" Oc. Vert. Bars Each Face, #8 Vert. Dowels@6" Oc., #8 Vert. Dowels@12" Oc. (6'-0" L)	**136**	**LF**				
Formwork	4,013	SF	$	8.18	$	32,826.34
Concrete, 4,500 Psi	99	CY	$	584.24	$	57,839.76
#4@12" Cont. Horiz. Bars Each Face (Lf= 136)	2,681	LBS	$	3.62	$	9,705.22
#7@12" Oc. Vert. Bars Each Face (Lf= 136)	8,186	LBS	$	3.62	$	29,633.32
#8 Vert. Dowels @ 6" Oc. (Lf= 136)	9,184	LBS	$	3.62	$	33,246.08

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate		Sum
	#8 Vert. Dowels @ 12" Oc. (Lf= 136)		4,592	LBS	$	3.62	$	16,623.04
	16" Thick Concrete Wall (8'-0" H) W/ #4@12" Cont. Horiz. Bars Each Face, #5@12" Oc. Vert. Bars Each Face, #5 Vert. Dowels@12" Oc. Each Face (6'-0" L)		**49**	**LF**				
	Formwork		1,453	SF	$	8.18	$	11,885.54
	Concrete, 4,500 Psi		31	CY	$	584.24	$	18,111.44
	#4@12" Cont. Horiz. Bars Each Face (Lf= 49)		971	LBS	$	3.62	$	3,515.02
	#7@12" Oc. Vert. Bars Each Face (Lf= 49)		2,964	LBS	$	3.62	$	10,729.68
	#8 Vert. Dowels @ 6" Oc. (Lf= 49)		3,325	LBS	$	3.62	$	12,036.50
	#8 Vert. Dowels @ 12" Oc. (Lf= 49)		1,663	LBS	$	3.62	$	6,020.06
	Piers						$	137,000.00
070001	**WATERPROOFING, DAMPROOFING, AND CAULKING**							
	Damproofing at Foundation Walls		9,000	SF	$	3.00	$	27,000.00
072100	**THERMAL INSULATION**							
	Insulation at Foundation Walls		9,000	SF	$	4.00	$	36,000.00
031200	**EARTHWORK**							
	Excavation		3,035	CY	$	18.00	$	54,630.00
	Compact Existing Subgrade		10,858	SF	$	0.75	$	8,143.50
	Backfill with Imported Structural Fill		2,732	CY	$	62.00	$	169,384.00
	Soil Disposal - Conversion Factor 1.7 to Tons							
	Load Excess		3,035	CY	$	1.85	$	5,614.75
	Clean Non-Regulated		5,160	TN	$	12.00	$	61,920.00
	Temporary Dewatering for Foundation Work		1	LS	$	50,000.00	$	50,000.00

A1030	**Slab on Grade**						$	3,310,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate		Sum
033000	**CONCRETE**							
	SLAB ON GRADE		82,598	SF				
	6X6-W2.9Xw2.9 W.W.F.		90,857.00	SF	$	2.27	$	206,245.39
	Formwork		4,169.00	SF	$	8.00	$	33,352.00
	Concrete		1,317.00	CY	$	584.24	$	769,444.08
	Finishing and Curing		82,598.00	SF	$	1.90	$	156,936.20
	Vapor Barrier		86,728.00	SF	$	0.70	$	60,709.60
	Control Joint Cutting		82598	SF	$	0.11	$	9,085.78
	Equipment Pads		1	LS	$	10,000.00	$	10,000.00
	Loading Dock		1	LS	$	20,000.00	$	20,000.00
072100	Thermal Insulation							
	Underslab Insulation							

A10 Foundations

312000 EARTHWORK

Excavation	2666	CY	$	20.00	$	53,320.00
Over Excavation at Footings	4700	CY	$	20.00	$	94,000.00
Imported Structural Fill	22700	CY	$	62.00	$	1,407,400.00
Compact Existing Subgrade	82598	SF	$	0.71	$	58,644.58
Soil Disposal - conversion factor 1.7 to tons						
Load Excess for Disposal	7366	CY	$	1.85	$	13,627.10
Clean Non Regulated	12522	TN	$	12.00	$	150,264.00
6" Gravel Base	1530	CY	$	62.00	$	94,860.00
Excavation and Backfill for Underslab Plumbing	2230	LF	$	40.00	$	89,200.00
Radon Mitigation Allowance	82598	SF	$	1.00	$	82,598.00

A20 Basement

A2010	Basement Excavation					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

A2020	Basement Walls					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

B10 Superstructure

B1010	Floor Construction					$3,329,000
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
033000	**CONCRETE**					
	6X6-W2.9Xw2.9 W.W.F.		55136	SF	$ 2.27	$125,159
	Formwork		630	SF	$ 8.18	$5,153
	Concrete, 4000 Psi		487	CY	$ 584.24	$284,525
	Finishing		50124	SF	$ 1.90	$95,236
						$0
051200	**STRUCTURAL STEEL FRAMING**					
	Floor Framing		345	TN	$ 5,100.00	$1,759,500
	Shear Studs		13784	EA	$ 3.75	$51,690
	S1: 2"-18Ga Lok Galv. Composite Floor Deck		51546	SF	$ 6.75	$347,936
	Add Structural		90	TN	$ 5,000.00	$450,000
	Add Misc		1	LS	$ 150,000.00	$150,000
078100	**FIREPROOFING/FIRESTOPPING**					
	Fireproofing Structure		500	SF	$ 20.00	$10,000
	Intumescent Paint		1	LS	$ 50,000.00	$50,000

B1020	Roof Construction					$4,156,000
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
033000	**CONCRETE**					
	Concrete at Mechanical Mezzanines		10000	sf	$ 12.00	$120,000
051200	**STRUCTURAL STEEL FRAMING**					
	Roof Framing		588	TN	$ 5,100.00	$2,998,800
	Canopy Framing - AESS		10	tTN	$ 10,000.00	$100,000
	Premium for AESS		1	LS	$ 45,000.00	$45,000
	D1.5: 1 1/2" X 20Ga Galvanized Type "B" Metal Roof Deck		67807	SF	$ 6.25	$423,794
	D3.0Ca: 18 Guage/18 Guage 3Npa Galv. Cellular Acoustic Roof Deck		31013	SF	$ 13.25	$410,922
	D0.6: 9/16"-26Ga Ufs Form Deck		1174	SF	$ 6.25	$7,338
078100	**FIREPROOFING/FIRESTOPPING**					
	Fireroofing Structure & Deck		1	LS	$ 50,000.00	$50,000

B20 Enclosure

B2010	Exterior Walls					$8,342,000
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
042000	**MASONRY**					
	Mockup		1	LS	$ 35,000.00	$35,000
	Westbricks Pozzotive		17000	SF	$ 50.00	$850,000
	Cast Stone Sill					$0
	Miscellaneous Flashings and Sealants		67161	SF	$ 1.25	$83,951
	8" CMU Backup		3100	SF	$ 43.00	$133,300
	12" CMU Backup		1800	SF	$ 48.00	$86,400
055000	**MISC METALS**					
	Misc Metals at Masonry		19429	SF	$ 1.65	$32,058
070001	**WATERPROOFIING, DAMPROOFING, AND CAULKING**					
	Air Barrier, Fluid Applied		67161	SF	$ 8.00	$537,288
	Miscellaneous Sealants to Closure		67161	SF	$ 1.35	$90,667
	Control Joints		1	IS	$ 50,000.00	$50,000
072100	**THERMAL INSULATION**					
	Insulation Polystyrene		19429	SF	$ 4.75	$92,288
	Insulation Mineral Wool		47732	SF	$ 4.75	$226,727
	Insulation at Glazed Openings		8836	LF	$ 4.75	$41,971
076400	**CLADDING**					
	5/8" Fiber Cement Panels		32000	SF	$ 80.00	$2,560,000
	4" Zee Girt					
	7/8" Hat Channels					
	5/16" Phenolic Siding		6000	SF	$ 80.00	$480,000
	3" Zee Girt					
	Standing Seam Metal Siding		1680	SF	$ 87.00	$146,160
	Aluminum Composit Panels Fascia		7882	SF	$ 90.00	$709,380
	Fiber Cement Soffit Panels		8276	SF	$ 87.00	$720,012
092900	**GYPSUM BOARD ASSEMBLIES**					
	6" Metal Stud @ 16" Oc		50497	LF	$ 14.00	$706,958
	6" Metal Top And Bottom Runner		10082	LF	$ 14.00	$141,148
	One Layer Of 5/8" Gypsum Board Sheathing (4'X8' Ea.)		67161	SF	$ 3.00	$201,483
	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)		67161	SF	$ 3.85	$258,570

	Soffit Framing		8276	SF	$ 18.00	$148,968
101400	**SIGNAGE**					
	Exterior Signage		1	LS	$ 10,000.00	$10,000

B2020	Exterior Windows					$3,686,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
061000	**Rough Carpentry**					
	Wood Blocking at Openings		8836	LF	$ 10.00	$88,360
070001	**WATERPROOFING, DAMPROOFING, AND CAULKING**					
	Air Barrier / Flashing at Windows		8836	LF	$ 10.00	$88,360
	Backer Rod & Sealant		8836	LF	$ 11.00	$97,196
080001	**METAL WINDOWS/CURTAINWALL**					
	Aluminum Windows/Storefront		0	SF	$ 160.00	$0
	Curtain Wall		18667	SF	$ 180.00	$3,360,060
	Premium for 10" Extension @ East West Elevation					
	Premium for School Guard at Grade Level					
	Sunshades					
	Horizontal		260	LF	$ 200.00	$52,000

B2030	Exterior Doors					$293,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
061000	**Rough Carpentry**					
	Wood Blocking at Openings		35	LF	$ 10.00	$350
079200	**JOINT SEALANTS**					
	Backer Rod & Sealant		35	LF	$ 11.00	$385
081110	**HOLLOW METAL**					
	Single Frame		3	EA	$ 385.00	$1,155
	Double Frame					
	Door Leaf		3	EA	$ 700.00	$2,100

084110	**ALUMINUM FRAMED ENTRANCES AND STOREFRONTS**				
	Glazed Aluminum Entrance Door Including Frame and Hardware - Double	17	PR	$ 14,500.00	$246,500
	Glazed Aluminum Entrance Door Including Frame and Hardware - Single	3	EA	$ 7,250.00	$21,750
083300	**SPECIALTY DOORS**				
	Overhead Door	1	EA	$ 8,500.00	$8,500
087100	**Door Hardware**				
	Hardware Exterior Door	3	EA	$ 1,800.00	$5,400
	Auto Operators - Allowance	1	EA	$ 6,000.00	$6,000
090007	**PAINTING**				
	Paint Door & Frame	3	EA	$ 180.00	$540

B30 Roofing

B3010	Roof Coverings					$5,787,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
055000	**MISCELLANEOUS METALS**					
	Roof Ladder		3	EA	$ 6,000.00	$18,000
061000	**Rough Carpentry**					
	Roof Blocking		93207	SF	$ 1.65	$153,792
070002	**Roofing and Flashing**					
	Standing Seam Metal Roof		64722	SF	$ 65.00	$4,206,930
	Membrane Roof + 6" Insulation		28485	SF	$ 28.00	$797,580
	Concealed Gutter		500	LF	$ 100.00	$50,000
	Snow Guards		440	LF	$ 38.00	$16,720
	Roof Edge		3600	LF	$ 22.00	$79,200
	Walk Pads		1	LS	$ 15,000.00	$15,000
080001	**METAL WINDOWS/CURTAIN WALL**					
	Glazed Entrance Canopy - Laminated Glass with Integral PV		1200	SF	$ 375.00	$450,000

B3020	Roof Openings					$7,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Roof Hatch		1	EA	$ 6,500.00	$6,500

C1010	Partitions					$7,277,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
042000	**MASONRY**					
	C6: 6" Cmu Wall - (14'-0" H)		167	SF	$ 45.00	$7,528
	#9 Wire Ladder Type Horizontal Reinforcement @ 16" O.C. Each Face		252	LF	$ 3.82	$961
	#5 Reinforcement @ Top & Bottom		25	LBS	$ 2.42	$60
	#5 Reinforcement @ 48" O.C.		44	LBS	$ 2.42	$105
	#4 Reinforcement @ 48" O.C.		5	LBS	$ 2.42	$12
	C8G: 8" Cmu Wall - (14'-0" H)		50457	SF	$ 48.00	$2,421,930
	#9 Wire Ladder Type Horizontal Reinforcement @ 16" O.C. Each Face		75875	LF	$ 3.82	$289,803
	#5 Reinforcement @ Top & Bottom		7518	LBS	$ 2.42	$18,176
	#5 Reinforcement @ 48" O.C.		13157	LBS	$ 2.42	$31,808
	#4 Reinforcement @ 48" O.C.		1505	LBS	$ 2.42	$3,638
	C8G: 8" Cmu Wall - (16'-0" H)		14396	SF	$ 48.00	$691,012
	#9 Wire Ladder Type Horizontal Reinforcement @ 16" O.C. Each Face		21648	LF	$ 3.82	$82,685
	#5 Reinforcement @ Top & Bottom		7518	LBS	$ 2.42	$18,176
	#5 Reinforcement @ 48" O.C.		3285	LBS	$ 2.42	$7,941
	#4 Reinforcement @ 48" O.C.		376	LBS	$ 2.42	$908
	C10: 10" Cmu Wall - (14'-0" H)		3438	SF	$ 52.00	$178,793
	#9 Wire Ladder Type Horizontal Reinforcement @ 16" O.C. Each Face		5170	LF	$ 3.82	$19,748
	#5 Reinforcement @ Top & Bottom		512	LBS	$ 2.42	$1,239
	#5 Reinforcement @ 48" O.C.		897	LBS	$ 2.42	$2,168
	#4 Reinforcement @ 48" O.C.		103	LBS	$ 2.42	$248
	C12: 10" Cmu Wall - (14'-0" H)		2781	SF	$ 52.00	$144,617
	#9 Wire Ladder Type Horizontal Reinforcement @ 16" O.C. Each Face		4182	LF	$ 3.82	$15,973
	#5 Reinforcement @ Top & Bottom		414	LBS	$ 2.42	$1,002
	#5 Reinforcement @ 48" O.C.		725	LBS	$ 2.42	$1,753
	#4 Reinforcement @ 48" O.C.		83	LBS	$ 2.42	$201
055000	**MISCELLANEOUS METALS**					
	Seismic Clips		1275	EA	$ 280.00	$357,000
	Miscellaneous Metals at Masonry		71240	SF	$ 1.20	$85,488
061000	**ROUGH CARPENTRY**					
	Backer Panels In Electrical Rooms		1	LS	$ 8,500.00	$8,500
	Wood Blocking Interior		139283	SF	$ 0.60	$83,570

070001	**WATERPROOFING, DAMPROOFING AND CAULKING**					
078400	**FIREPROOFING/FIRESTOPPING**					
	Firestopping	139283	SF	$	0.90	$125,355
084100	**ALUMINUM FRAMED ENTRANCES AND STOREFRONTS**					
	Interior Storefront					
	SF1 Vestibule	40	SF	$	140.00	$5,600
	SF2 Aux Gym	150	SF	$	140.00	$21,000
	SF3 Gym	420	SF	$	140.00	$58,800
	SF4 Media Center	565	SF	$	140.00	$79,100
	SF5 Flex Classroom	60	SF	$	140.00	$8,400
	SF6 Flex Classroom	115	SF	$	140.00	$16,100
	SF7 Media Center	525	SF	$	140.00	$73,500
	SF8 Flex	55	SF	$	140.00	$7,700
	SF9 Flex	80	SF	$	140.00	$11,200
	SF10 Maker Space	108	SF	$	140.00	$15,120
	SF11 L2 Connector	40	SF	$	140.00	$5,600
	SF12 L2 Connector	30	SF	$	140.00	$4,200
	Transaction Window	1	EA	$	6,000.00	$6,000
092900	**GYPSUM BOARD ASSEMBLIES**					
	Wall Type 21, Interior Partition Furring Wall 14'-0" Ht		LF			
	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	14880	SF	$	5.00	$74,400
	Number Of Sheet(Assume Size 4'X8')	465	EA			
	1-5/8" Metal Stud @ 16" Oc	11188	LF	$	4.76	$53,250
	1-5/8" Metal Top And Bottom Runner	2126	LF	$	4.76	$10,118
	Acoustic Sealant At Top & Bottom Of Wall	4251	LF	$	2.12	$9,007
	Wall Type 21, Interior Partition Furring Wall 16'-0" Ht		LF			
	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	5167	SF	$	5.00	$25,836
	Number Of Sheet(Assume Size 4'X8')	161	EA			
	1-5/8" Metal Stud @ 16" Oc	3885	LF	$	4.76	$18,492
	1-5/8" Metal Top And Bottom Runner	646	LF	$	4.76	$3,074
	Acoustic Sealant At Top & Bottom Of Wall	1292	LF	$	2.12	$2,737
	Wall Type 31, Interior Partition Furring Wall 14'-0" Ht		LF			
	One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	11450	SF	$	5.00	$57,252

Number Of Sheet(Assume Size 4'X8')	358 EA			
2-1/2" Metal Stud @ 16" Oc	8609 LF	$	6.72	$57,877
2-1/2" Metal Top And Bottom Runner	1636 LF	$	6.72	$10,997
Acoustic Sealant At Top & Bottom Of Wall	3272 LF	$	2.12	$6,931
Wall Type 31, Interior Partition Furring Wall 16'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	3178 SF	$	5.00	$15,892
Number Of Sheet(Assume Size 4'X8')	99 EA			
2-1/2" Metal Stud @ 16" Oc	2390 LF	$	6.72	$16,066
2-1/2" Metal Top And Bottom Runner	397 LF	$	6.72	$2,671
Acoustic Sealant At Top & Bottom Of Wall	795 LF	$	2.12	$1,683
Wall Type 41, Interior Partition Furring Wall 14'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	4877 SF	$	5.00	$24,384
Number Of Sheet(Assume Size 4'X8')	152 EA			
3-5/8" Metal Stud @ 16" Oc	3667 LF	$	8.41	$30,850
3-5/8" Metal Top And Bottom Runner	697 LF	$	8.41	$5,861
3 1/2" Sound Attenuation Batt	4877 LF	$	2.31	$11,269
Acoustic Sealant At Top & Bottom Of Wall	1393 LF	$	2.12	$2,952
Wall Type 41, Interior Partition Furring Wall 16'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1530 SF	$	5.00	$7,648
Number Of Sheet(Assume Size 4'X8')	48 EA			
3-5/8" Metal Stud @ 16" Oc	1150 LF	$	8.41	$9,676
3-5/8" Metal Top And Bottom Runner	191 LF	$	8.41	$1,609
3 1/2" Sound Attenuation Batt	1530 LF	$	2.31	$3,535
Acoustic Sealant At Top & Bottom Of Wall	382 LF	$	2.12	$810
Wall Type 41, Interior Partition Furring Wall 14'-0" Ht (Mr)	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	4909 SF	$	5.00	$24,543
Number Of Sheet(Assume Size 4'X8')	153 EA			
3-5/8" Metal Stud @ 16" Oc	3691 LF	$	8.41	$31,052
3-5/8" Metal Top And Bottom Runner	701 LF	$	8.41	$5,900
3 1/2" Sound Attenuation Batt	4909 LF	$	2.31	$11,342
Acoustic Sealant At Top & Bottom Of Wall	1402 LF	$	2.12	$2,971
Wall Type 41, Interior Partition Furring Wall 16'-0" Ht (Mr)	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	1538 SF	$	5.00	$7,690

Number Of Sheet(Assume Size 4'X8')	48 EA			
3-5/8" Metal Stud @ 16" Oc	1156 LF	$	8.41	$9,730
3-5/8" Metal Top And Bottom Runner	192 LF	$	8.41	$1,618
3 1/2" Sound Attenuation Batt	1538 LF	$	2.31	$3,554
Acoustic Sealant At Top & Bottom Of Wall	385 LF	$	2.12	$815
Wall Type 42, Interior Partition Wall 14'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	9800 SF	$	5.00	$48,998
Number Of Sheet(Assume Size 4'X8')	306 EA			
3-5/8" Metal Stud @ 16" Oc	3684 LF	$	8.41	$30,996
3-5/8" Metal Top And Bottom Runner	700 LF	$	8.41	$5,889
3 1/2" Sound Attenuation Batt	4900 LF	$	2.31	$11,322
Acoustic Sealant At Top & Bottom Of Wall	1400 LF	$	2.12	$2,966
Wall Type 42, Interior Partition Wall 16'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	395 SF	$	5.00	$1,976
Number Of Sheet(Assume Size 4'X8')	12 EA			
3-5/8" Metal Stud @ 16" Oc	149 LF	$	8.41	$1,250
3-5/8" Metal Top And Bottom Runner	25 LF	$	8.41	$208
3 1/2" Sound Attenuation Batt	198 LF	$	2.31	$457
Acoustic Sealant At Top & Bottom Of Wall	49 LF	$	2.12	$105
Wall Type 42, Interior Partition Wall 14'-0" Ht (Mr)	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1618 SF	$	5.00	$8,092
Number Of Sheet(Assume Size 4'X8')	51 EA			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	1618 SF	$	2.93	$4,737
Number Of Sheet(Assume Size 4'X8')	51 EA			
3-5/8" Metal Stud @ 16" Oc	1217 LF	$	8.41	$10,238
3-5/8" Metal Top And Bottom Runner	231 LF	$	8.41	$1,945
3 1/2" Sound Attenuation Batt	1618 LF	$	2.31	$3,740
Acoustic Sealant At Top & Bottom Of Wall	462 LF	$	2.12	$980
Wall Type 42, Interior Partition Wall 16'-0" Ht (Mr)	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	255 SF	$	5.00	$1,273
Number Of Sheet(Assume Size 4'X8')	8 EA			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	255 SF	$	2.93	$745
Number Of Sheet(Assume Size 4'X8')	8 EA			
3-5/8" Metal Stud @ 16" Oc	191 LF	$	8.41	$1,610
3-5/8" Metal Top And Bottom Runner	32 LF	$	8.41	$268

3 1/2" Sound Attenuation Batt	255 LF	$	2.31	$588
Acoustic Sealant At Top & Bottom Of Wall	64 LF	$	2.12	$135
Wall Type 43, Interior Partition Wall 14'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	106830 SF	$	5.00	$534,150
Number Of Sheet(Assume Size 4'X8')	3338 EA			
3-5/8" Metal Stud @ 16" Oc	26774 LF	$	8.41	$225,266
3-5/8" Metal Top And Bottom Runner	5087 LF	$	8.41	$42,801
3 1/2" Sound Attenuation Batt	35610 LF	$	2.31	$82,285
Acoustic Sealant At Top & Bottom Of Wall	10174 LF	$	2.12	$21,556
Wall Type 43, Interior Partition Wall 16'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	34310 SF	$	5.00	$171,552
Number Of Sheet(Assume Size 4'X8')	1072 EA			
3-5/8" Metal Stud @ 16" Oc	8599 LF	$	8.41	$72,348
3-5/8" Metal Top And Bottom Runner	1430 LF	$	8.41	$12,028
3 1/2" Sound Attenuation Batt	11437 LF	$	2.31	$26,427
Acoustic Sealant At Top & Bottom Of Wall	2859 LF	$	2.12	$6,058
Wall Type 43, Interior Partition Wall 14'-0" Ht (Mr)	LF			
Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	8062 SF	$	10.00	$80,624
Number Of Sheet(Assume Size 4'X8')	252 EA			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	4031 SF	$	2.93	$11,800
Number Of Sheet(Assume Size 4'X8')	126 EA			
3-5/8" Metal Stud @ 16" Oc	3031 LF	$	8.41	$25,501
3-5/8" Metal Top And Bottom Runner	576 LF	$	8.41	$4,845
3 1/2" Sound Attenuation Batt	4031 LF	$	2.31	$9,315
Acoustic Sealant At Top & Bottom Of Wall	1152 LF	$	2.12	$2,440
Wall Type 43, Interior Partition Wall 16'-0" Ht (Mr)	LF			
Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	2793 SF	$	10.00	$27,932
Number Of Sheet(Assume Size 4'X8')	87 EA			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	1397 SF	$	2.93	$4,088
Number Of Sheet(Assume Size 4'X8')	44 EA			
3-5/8" Metal Stud @ 16" Oc	1050 LF	$	8.41	$8,835
3-5/8" Metal Top And Bottom Runner	175 LF	$	8.41	$1,469
3 1/2" Sound Attenuation Batt	1397 LF	$	2.31	$3,227
Acoustic Sealant At Top & Bottom Of Wall	349 LF	$	2.12	$740

Wall Type 44, Interior Partition Wall 14'-0" Ht	LF			
Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	7046 SF	$	10.00	$70,460
Number Of Sheet(Assume Size 4'X8')	220 EA			
3-5/8" Metal Stud @ 16" Oc	1324 LF	$	8.41	$11,143
3-5/8" Metal Top And Bottom Runner	252 LF	$	8.41	$2,117
3 1/2" Sound Attenuation Batt	1762 LF	$	2.31	$4,070
Acoustic Sealant At Top & Bottom Of Wall	503 LF	$	2.12	$1,066
Wall Type 44, Interior Partition Wall 16'-0" Ht	LF			
Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1526 SF	$	10.00	$15,261
Number Of Sheet(Assume Size 4'X8')	48 EA			
3-5/8" Metal Stud @ 16" Oc	287 LF	$	8.41	$2,414
3-5/8" Metal Top And Bottom Runner	48 LF	$	8.41	$401
3 1/2" Sound Attenuation Batt	382 LF	$	2.31	$882
Acoustic Sealant At Top & Bottom Of Wall	95 LF	$	2.12	$202
Wall Type 44, Interior Partition Wall 14'-0" Ht (Mr)	LF			
Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1616 SF	$	10.00	$16,158
Number Of Sheet(Assume Size 4'X8')	50 EA			
Two Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	1616 SF	$	2.93	$4,730
Number Of Sheet(Assume Size 4'X8')	50 EA			
3-5/8" Metal Stud @ 16" Oc	607 LF	$	8.41	$5,111
3-5/8" Metal Top And Bottom Runner	115 LF	$	8.41	$971
3 1/2" Sound Attenuation Batt	808 LF	$	2.31	$1,867
Acoustic Sealant At Top & Bottom Of Wall	231 LF	$	2.12	$489
Wall Type 62, Interior Partition Wall 14'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	3724 SF	$	5.00	$18,620
Number Of Sheet(Assume Size 4'X8')	116 EA			
6" Metal Stud @ 16" Oc	1400 LF	$	10.75	$15,048
6" Metal Top And Bottom Runner	266 LF	$	10.75	$2,859
5 1/2" Sound Attenuation Batt	1862 LF	$	2.93	$5,447
Acoustic Sealant At Top & Bottom Of Wall	532 LF	$	2.12	$1,127
Wall Type 62, Interior Partition Wall 16'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	1228 SF	$	5.00	$6,139
Number Of Sheet(Assume Size 4'X8')	38 EA			

6" Metal Stud @ 16" Oc	462 LF	$	10.75	$4,961
6" Metal Top And Bottom Runner	77 LF	$	10.75	$825
5 1/2" Sound Attenuation Batt	614 LF	$	2.93	$1,796
Acoustic Sealant At Top & Bottom Of Wall	153 LF	$	2.12	$325
Wall Type 62, Interior Partition Wall 14'-0" Ht (Mr)	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	682 SF	$	5.00	$3,410
Number Of Sheet(Assume Size 4'X8')	21 EA			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.) - Moisture Resistant	682 SF	$	2.93	$1,997
Number Of Sheet(Assume Size 4'X8')	21 EA			
3-5/8" Metal Stud @ 16" Oc	513 LF	$	8.41	$4,315
3-5/8" Metal Top And Bottom Runner	97 LF	$	8.41	$820
5 1/2" Sound Attenuation Batt	682 LF	$	2.31	$1,576
Acoustic Sealant At Top & Bottom Of Wall	195 LF	$	2.12	$413
Wall Type 63, Interior Partition Wall 14'-0" Ht	LF			
One Layer Of 5/8" Gypsum Wall Board (4'X8' Ea.)	4193 SF	$	5.00	$20,965
Number Of Sheet(Assume Size 4'X8')	131 EA			
6" Metal Stud @ 16" Oc	1051 LF	$	10.75	$11,295
6" Metal Top And Bottom Runner	200 LF	$	10.75	$2,146
5 1/2" Sound Attenuation Batt	1398 LF	$	2.93	$4,088
Acoustic Sealant At Top & Bottom Of Wall	399 LF	$	2.12	$846

102228	**FOLDING PARTITION**				
	Folding Partition at Classroom	1 EA	$	40,000.00	$40,000

C1020 Interior Doors $1,363,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
061000	**ROUGH CARPENTRY**					
	Wood Blocking at Openings		4065	LF	$ 3.75	$15,244
070001	**WATERPROOFIING, DAMPROOFING AND CAULKING**					

	Backer Rod & Sealant	4065 LF	$	2.90	$11,789
081110	**DOORS AND FRAMES**				
	(2'-8" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	1,916.43	$1,916
	(3'-0" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	152 EA	$	2,155.99	$327,710
	(3'-3" X7'-2 1/16" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	2,335.65	$2,336
	(3'-5" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	2,455.43	$2,455
	(4'-0" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	2,874.65	$2,875
	(4'-8" X7'-2" H) Double Hollow Metal Door W/ Hollow Metal Frame	2 EA	$	3,353.75	$6,708
	(5'-0" X7'-2" H) Double Hollow Metal Door W/ Hollow Metal Frame	22 EA	$	3,593.31	$79,053
	(3'-0" X7'-0" H) Single Hollow Metal Door W/ Hollow Metal Frame	39 EA	$	2,105.85	$82,128
	(3'-3 3/4" X7'-0 7/8" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	2,281.33	$2,281
	(3'-4" X7'-0" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	2,339.83	$2,340
	(5'-0" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	2 EA	$	3,593.31	$7,187
	(5'-11" X7'-2" H) Single Hollow Metal Door W/ Hollow Metal Frame	2 EA	$	4,252.08	$8,504
	(6'-0" X7'-2" H) Double Hollow Metal Door W/ Hollow Metal Frame	30 EA	$	4,311.97	$129,359
	(5'-11 3/4" X7'-1 7/8" H) Single Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	4,202.64	$4,203
	(6'-0 1/4" X7'-1" H) Double Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	4,261.83	$4,262
	(5'-8" X7'-0" H) Double Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	3,977.71	$3,978
	(6'-0" X7'-0" H) Double Hollow Metal Door W/ Hollow Metal Frame	12 EA	$	4,211.69	$50,540
	(6'-4" X7'-0" H) Double Hollow Metal Door W/ Hollow Metal Frame	1 EA	$	4,445.68	$4,446
	Premium for Acoustic Gasketing	1 LS	$	10,000.00	$4,446
	Hollow Metal Frames for Sidelights	1220 SF	$	40.00	$4,446
	Door Pricing Adjustment	1 LS	$	(162,600.00)	-$162,600
080002	**GLASS AND GLAZING**				
	Glass in HM Frames	1220 SF	$	48.00	$58,560
083110	**ACCESS DOORS AND FRAMES**				

	Acess Doors	1	LS	$	15,000.00	$15,000
083300	**SPECIALTY DOORS**					
	Overhead Coiling Grill	1	EA	$	8,500.00	$8,500
	Accordian Folding Fire Door - Won Door	1	EA	$	86,000.00	$86,000
084110	**ALUMINUM FRAMED ENTRANCES AND STOREFRONTS**					
	Glazed Aluminum Entrance Door Including Frame and Hardware - Double	10	PR	$	12,000.00	$120,000
087100	**DOOR HARDWARE**					
	Door Hardware	299	SET	$	1,400.00	$418,600
	Premium Auto Operators					
090007	**PAINTING**					
	Paint Doors and Frames	340	ea	$	180.00	$61,200

C1030	Specialties/Millwork						$1,467,000
Ref	Item Description	Par. Qty?	Quantity	UOM		Rate	Sum
055000	**Miscellaneous Metals**						
	Miscellaneous Metals		139283	SF	$	2.75	$383,028
064100	**Finish Carpentry**						
	Window Sills Solid Surface		1575	SF	$	58.00	$91,350
	Reception Desk		1	EA	$	15,000.00	$15,000
	Library/Media Center Desk		1	EA	$	27,000.00	$27,000
	Additional Interior Millwork						
101100	**VISUAL DISPLAY SURFACES**						
	White Boards 6'x4'		135	ea	$	1,200.00	$162,000
	Tack Boards 6'x4'		110	ea	$	1,200.00	$132,000
	Tack Boards - Outside of Classroom 8'x4'		45	ea	$	1,400.00	$63,000
101200	**DISPLAY CASES**						
	Display Cases		20	LF	$	600.00	$12,000

101400 SIGNAGE

Building Directory	1	EA	$	8,500.00	$8,500
Room Signs	340	EA	$	140.00	$47,600
Miscellaneous Signage	1	LS	$	5,000.00	$5,000

102110 Toilet Compartments

Toilet Partition	239	LF	$	349.23	$83,394
Urinal Partition	17	EA	$	964.26	$16,865

102800 TOILET ACCESSORIES

Toilet Tissue Dispenser	50	ea	$	80.00	$4,000
Hand Dryer	29	ea	$	450.00	$13,050
Mirror	43	ea	$	225.00	$9,675
Soap Dispenser	43	ea	$	95.00	$4,085
18" Grab Bar	29	ea	$	95.00	$2,755
24" Grab Bar	29	ea	$	105.00	$3,045
36" Grab Bar	29	ea	$	125.00	$3,625
Coat Hook	79	ea	$	65.00	$5,135
Paper Towel/Waste Disposal	29	ea	$	250.00	$7,250
Sanitary Napkin Disposal	36	ea	$	145.00	$5,220
Baby Changing Stations	3	ea	$	1,600.00	$4,800

104400 FIRE PROTECTION SPECIALTIES

Fire Extinguishers/Cabinets	45	EA	$	400.00	$18,000
AED Cabinets	1	EA	$	1,200.00	$1,200

105113 LOCKERS

Corridor Lockers	830	EA	$	350.00	$290,500
Double Tier Kitchen	8	EA	$	350.00	$2,800
Changing Rooms	128	EA	$	350.00	$44,800

C20 Stairs

C2010	Stair Construction					$485,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
033000	**CONCRETE**					
	Metal Pan Infill		168	EA	300.00	$50,400
055000	**MISCELLANEOUS METALS**					
	Egress Stair		120	EA	2100.00	$252,000
	Feature Stair		48	EA	3800.00	$182,400

C2020	Stair Finishes					$83,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
90002	**TILE**					
	Tile at Stair 1		350	LF	40.00	$14,000
090005	**RESILIENT FLOORS**					
	Rubber Tile at Stairs		1627	SF	29.75	$48,403
090007	**PAINTING**					
	High Performance Paint to Stair & Railing		7	flt	3000.00	$21,000

C3010	Wall Finishes					$1,084,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
064020	**INTERIOR ARCHITECTURAL WOODWORK**					
	Wood Paneling		1100	SF	65.00	$71,500
	RFP at Kitchen		3100	SF	20.00	$62,000
090002	**TILE**					
	Tile at Bathrooms		13931	SF	32.00	$445,792
090007	**PAINTING**					
	Paint to GWB		284272	SF	1.25	$355,340
	Paint to CMU Walls		16776	SF	1.45	$24,325
098400	**ACOUSTIC ROOM COMPONENTS**					
	Acoustic Panels		1	LS	125000.00	$125,000

C3020	Floor Finishes					$1,845,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
090002	**TILE**					
						$0
	Porcelain Tile		13935	SF	34.00	$473,790
	Porcelain Tile Base		527	LF	34.00	$17,918
090005	**RESILIENT FLOORING**					
	Linoleum Tile		81719	SF	8.00	$653,752
	Rubber Base		14058	LF	4.75	$66,776
090007	**PAINTING**					
	Sealed Concrete		3807	SF	3.25	$12,373
096560	**WOOD FLOORING**					
						$0
	Wood Athletic Flooring		9200	SF	28.00	$257,600
	Stage Flooring on Wood Sleepers		1830	SF	34.00	$62,220
	Steel Vented Base		560	LF	20.00	$11,200
						$0
096700	**FLUID APPLIED FLOORING**					$0

						$0
	Resinous Flooring & Base		7554	SF	24.00	$181,296
						$0
096820	**CARPETING & WOM**					
	Carpet Tile		9802	SF	9.00	$88,218
	Walk off Mat		220	SF	90.00	$19,800

C3030	Ceiling Finishes					$1,899,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
090003	**ACOUSTICAL TILE**					
	Act-1: 2'X2' Acoustical Ceiling Tile, Manufacturer: Armstrong Or Usa, Color: White, Thickness: 1"		58349	SF	9.00	$525,142
	Act-2: 2'X4' Acoustical Ceiling Tile, Manufacturer: Armstrong Or Usa, Color: White, Thickness: 3/4"		21595	SF	9.00	$194,354
	Wood Ceiling, Manufacturer: Wood Ceilings, Inc (Or Approved Equal)		9334	SF	60.00	$560,017
	Cloud Ceilinngs - ALLOWANCE		1	LS	30000.00	$30,000
090007	**PAINTING**					
	Paint to GWB Ceilings		19483	SF	1.15	$22,405
	Paint Exposed Structure		15000	SF	1.75	$26,250
092900	**GYPSUM BOARD ASSEMBLIES - CEILINGS**					
	(1) Layer Of 5/8" Gypsum Wall Board Ceiling		15866	SF	22.82	$362,117
	Number Of Sheets (Assume Size 4' X 8')		496	EA		
	Screw		23808	EA	0.15	$3,659
	Adhesive		496	EA	28.60	$14,187
	Tapping		7291	LF	1.28	$9,356
	(1) Layer Of 5/8" Gypsum Wall Board Ceiling - Moisture Resistant		3617	SF	15.00	$54,261
	Number Of Sheets (Assume Size 4' X 8')		114	EA		
	Screw		5472	EA	0.15	$841
	Adhesive		114	EA	28.60	$3,261
	Tapping		1676	LF	1.28	$2,150
098400	**ACOUSTIC ROOM COMPONENTS**					
	Acoustic Panels Black Box		2400	sf	38.00	$91,200

D10 Conveying

D1010	Elevators & Lifts					$461,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Elevator 3 Stop -BOD Otis Gen 3 CORE 3500# (2 each)		6	stop	$ 75,000.00	$450,000
	Elevator Hoist Beam		2	ea	$ 2,000.00	$4,000
	Elevator Sump Pit Cover		2	ea	$ 900.00	$1,800
	Elevator Pit Ladder		2	ea	$ 2,500.00	$5,000
						$0

D1020	Escalators & Moving Walks					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

D1090	Other Conveying Systems					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

D2010	Plumbing Fixtures	$677,000

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	FIXTURES						
	Sk: Sink (Under Mount) Make & Model: Guardian Gbf2172		142	EA	$	1,200.00	$170,400
	Lav-1: Ada Lavatory Make & Model: Tbd		37	EA	$	1,200.00	$44,400
	Lav-2: Ada Lavatory Make & Model: Tbd		26	EA	$	1,200.00	$31,200
	Lav-3: Ada Lavatory, Make & Model: Tbd		23	EA	$	1,200.00	$27,600
	Wc-1: Ada Water Closet, Make & Model: Tbd		65	EA	$	1,300.00	$84,500
	Wc-1: Ada Water Closet, Make & Model: Tbd		5	EA	$	1,300.00	$6,500
	Wc-1A: Ada Water Closet, Make & Model: Tbd		20	EA	$	1,300.00	$26,000
	Wc-2: Ada Water Closet, Make & Model: Tbd		51	EA	$	1,300.00	$66,300
	Es-1: Emergency Shower, Make & Model: Guardian Gbf2172		10	EA	$	1,800.00	$18,000
	Wh-1: Wall Hydrant, Make & Model: Zurn Z1320Xl		12	EA	$	900.00	$10,800
	Hb-1: Hose Bibb, Make & Model: Chicago Faucets 293-E27Cp		17	EA	$	700.00	$11,900
	Ur-1: Ada Urinal, Make & Model: Tbd		22	EA	$	1,200.00	$26,400
	Ur-1A: Ada Urinal, Make & Model: Tbd		2	EA	$	1,200.00	$2,400
	Ur-2: Ada Urinal, Make & Model: Tbd		22	EA	$	1,200.00	$26,400
	Ewc-1: Electric Water Heater, Make & Model: Elkay Lzws-Lrpbm28K		16	EA	$	2,100.00	$33,600
	Msb-1: Mop Service Basin, Make & Model: Chicago Faucets - 445-897Srxkccp		5	EA	$	1,000.00	$5,000
	Tp-1: Trap Primer, Make & Model: Tbd		19	EA	$	500.00	$9,500
	Tp-2: Trap Primer, Make & Model: Tbd		13	EA	$	500.00	$6,500
	Fixtures Not Yet Developed		139,283	GSF	$	0.50	$69,642

D2020	Domestic Water Distribution	$1,324,000

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	PLUMBING HOT WATER EQUIPMENT						

St-1: Hot Water Storage Tank, Make: Lockinvar, Model: Rga0257	1 EA	$	14,000.00	$14,000
St-2: Hot Water Storage Tank, Make: Lockinvar, Model: Rga0257	1 EA	$	14,000.00	$14,000
St-3: Hot Water Storage Tank, Make: Lockinvar, Model: Rga0257	1 EA	$	14,000.00	$14,000
Dwh-1: Domestic Water Heater, Make: Multistack, Model: Msh020Ynhc	1 EA	$	185,000.00	$185,000
PLUMBING PUMP SCHEDULE				
Cp-1: Domestic Hot Water Recirculation Pump, Manufacturer: Bell & Gosset, Model: Ecocirc Xl N 65-130	1 EA	$	8,000.00	$8,000
Cp-2: Non Potable Hot Water Recirculation Pump, Manufacturer: Bell & Gosset, Model: Ecocirc Xl N 65-130	1 EA	$	7,000.00	$7,000
Cp-3: Tempered Water Recirculation Pump, Manufacturer: Bell & Gosset, Model: Ecocirc Xl N 65-130	1 EA	$	7,300.00	$7,300
Esp-1: Elevator Sump Pump, Make: Zoeller, Model: D163	2 EA	$	12,000.00	$24,000
PLUMBING MIXING VALVE SCHEDULE				
Emv-1: Emergency Mixing Valve, Make: Powers, Model: Etv400-15	1 EA	$	4,200.00	$4,200
Tmv-1: Domestic Hot Water Mixing Valve, Make: Power, Model: Is2100Vl	1 EA	$	9,000.00	$9,000
Tmv-2: Domestic Hot Water Mixing Valve, Make: Power, Model: Is2100Vl	1 EA	$	9,000.00	$9,000
INTERCEPTOR SCHEDULE				
Oi-1: Oil Interceptor, Manufacturer: Stream, Model: Os-50	1 EA	$	6,500.00	$6,500
Gt-1: Pou Grease Trap, Manufacturer: Jr Smith, Model: 8050 Gt	2 EA	$	7,000.00	$14,000
Plumbing Equipment to Be added through Design Development	139283 SF	$	1.00	$139,283
PLUMBING DRAIN & CLEANOUT SCHEDULE				
Dsn-1: Down Spout Nozzle, Manufacturer: Zurn, Model: Zf199	7 EA	$	350.00	$2,450
4" Rd-1: Roof Drain, Manufacturer: Zurn, Model: Z100C-Dp-Du-R	3 EA	$	700.00	$2,100
6" Rd-1: Roof Drain, Manufacturer: Zurn, Model: Z100C-Dp-Du-R	15 EA	$	800.00	$12,000

4" Od-1: Overflow Drain, Manufacturer: Zurn, Model: Zc100C-Dp-Du-R-W4	5 EA	$	500.00	$2,500
6" Od-1: Overflow Drain, Manufacturer: Zurn, Model: Zc100C-Dp-Du-R-W4	16 EA	$	700.00	$11,200
3" Fd-1: Floor Drain, Manufacturer: Zurn, Model: Fd2254-Cp	16 EA	$	650.00	$10,400
4" Fd-2: Floor Drain, Manufacturer: Zurn, Model: Z415C-G-Y	34 EA	$	700.00	$23,800
Fco: Floor Cleanout, Manufacturer: Zurn, Model: Z14400-Bz1	28 EA	$	800.00	$22,400
PLUMBING ITEMS				
4" Dia Reduced Pressure Backflow Preventer	2 EA	$	2,600.00	$5,200
2" Dia Reduced Pressure Backflow Preventer	2 EA	$	1,900.00	$3,800
Balancing Valve Assembly	12 EA	$	1,000.00	$12,000
Ball Valve	85 EA	$	400.00	$34,000
COLD WATER PIPE				
3/4" Dia Cold Water Pipe	439 LF	$	24.00	$10,536
1/2" Dia Cold Water Pipe	86 LF	$	20.00	$1,720
1 1/4" Dia Cold Water Pipe	183 LF	$	39.00	$7,137
1 1/2" Dia Cold Water Pipe	43 LF	$	47.00	$2,021
2" Dia Cold Water Pipe	149 LF	$	69.00	$10,281
3" Dia Cold Water Pipe	1,533 LF	$	135.00	$206,955
4" Dia Cold Water Pipe	121 LF	$	185.00	$22,385
HOT WATER PIPE				
3/4" Dia Hot Water Pipe	390 LF	$	24.00	$9,360
1/2" Dia Hot Water Pipe	90 LF	$	20.00	$1,800
1" Dia Hot Water Pipe	91 LF	$	32.00	$2,912
2" Dia Hot Water Pipe	2,318 LF	$	70.00	$162,260
1" Dia Hot Water Return Pipe	1,944 LF	$	32.00	$62,208
3/4" Dia Hot Water Return Ipe	511 LF	$	24.00	$12,264
1/2" Dia Hot Water Return Ipe	240 LF	$	20.00	$4,800
2" Non-Portable Cold Water Pipe	790 LF	$	70.00	$55,300
2" Non-Portable Hot Water Pipe	256 LF	$	70.00	$17,920
3/4 " Non-Portable Hot Water Return Pipe	255 LF	$	24.00	$6,120
2" Tempered Water Pipe	924 LF	$	70.00	$64,680
2" Tempered Water Return Pipe	939 LF	$	70.00	$65,730

D2030 Sanitary Waste $75,000

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	4" Sanitary Sewer Pipe		418	LF	$	40.00	$16,720
	6" Sanitary Sewer Pipe		503	LF	$	56.00	$28,168
	6" Dia Grease Waste Pipe		113	LF	$	56.00	$6,328
	2" Dia Vent Pipe		474	LF		$22.00	$10,428
	3" Dia Vent Pipe		260	LF		$31.00	$8,060

	4" Dia Grease Vent Pipe		23	LF		$38.00	$874
	6" Dia Grease Vent Pipe		35	LF		$56.00	$1,960
	4" Sanitary Sewer Pipe Up (14'-0" H)		1	EA		$125.00	$125
	4" Sanitary Sewer Pipe Up (5'-0" H)		8	EA		$98.00	$784
	4" Rainwater Pipe Up (5'-0" H)		17	EA		$98.00	$1,666
	4" Grease Waste Pipe Up (5'-0" H)		2	EA		$115.00	$230
	4" Grease Vent Pipe Up (14'-0" H)		1	EA		$125.00	$125
							$0

D2040 Rain Water Drainage $746,000

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	4" Dia Rainwater Pipe		15	LF	$	38.00	$570
	6" Dia Rainwater Pipe		424	LF	$	56.00	$23,744
	8" Dia Rainwater Pipe		1,024	LF	$	76.00	$77,824
	10" Dia Rainwater Pipe		557	LF	$	80.00	$44,560
	4" Dia Overflow Rainwater Pipe		7	LF	$	38.00	$266
	6" Dia Overflow Rainwater Pipe		268	LF	$	56.00	$15,008
	8" Dia Overflow Rainwater Pipe		526	LF	$	76.00	$39,976
	10" Dia Overflow Rainwater Pipe		296	LF	$	80.00	$23,680
	15" Dia Rainwater Pipe		316	LF	$	108.00	$34,128
	4" Rainwater Pipe Up (14'-0" H)		3	EA	$	125.00	$375
	6" Rainwater Pipe Up (14'-0" H)		13	EA	$	185.00	$2,405
	8" Rainwater Pipe Up (14'-0" H)		6	EA	$	270.00	$1,620
	10" Rainwater Pipe Up (14'-0" H)		6	EA	$	345.00	$2,070
	4" Overflow Rainwater Pipe Up (14'-0" H)		4	EA	$	125.00	$500
	6" Overflow Rainwater Pipe Up (14'-0" H)		12	EA	$	185.00	$2,220
	8" Overflow Rainwater Pipe Up (14'-0" H)		2	EA	$	270.00	$540
	10" Overflow Rainwater Pipe Up (14'-0" H)		2	EA	$	345.00	$690
	Add Storm Piping		1	LS	$	476,150.00	$476,150

D2090 Other Plumbing Systems $1,212,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Plumbing Insulation		139283	sf	1.45	$201,960
	General Requirements		139283	sf	5.25	$731,236
	Gas Distribution Piping - Science Rooms		0	sf	0.35	$0
	Plumbing Pipe Fittings		139283	sf	2.00	$278,566

D3010	Energy Supply					$3,687,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Geothermal Wells,Vault, Piping		135706	sf	$ 22.75	$3,087,312
	Glycol - ALLOWANCE		0	LS	$ 100,000.00	$0
	Add 100' per Well		1	LS	$ 600,000.00	$600,000
						$0
						$0

D3020	Heat Generating Systems					$1,404,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	HEAT PUMPS					
	Vhp-024 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv024		21	EA	$ 7,849.85	$164,847
	Vhp-036 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv036		19	EA	$ 9,219.04	$175,162
	Vhp-048 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv048		3	EA	$ 10,822.87	$32,469
	Vhp-060 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv060		1	EA	$ 12,560.37	$12,560
	Vhp-096 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv096		1	EA	$ 18,138.11	$18,138
	Vhp-300 – Vertical Heat Pump Unit Manufacturer: Daikin Model: Wsmv300		1	EA	$ 34,203.08	$34,203
	Chp-007 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1007		14	EA	$ 4,642.17	$64,990
	Chp-012 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1012		2	EA	$ 5,176.79	$10,354
	Chp-018 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1018		10	EA	$ 5,978.70	$59,787
	Hhp-007 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh007		5	EA	$ 4,775.83	$23,879
	Hhp-012 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh012		6	EA	$ 5,444.09	$32,665

Hhp-024 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh024	2	EA	$ 7,122.92	$14,246
Chp-015 – Wall Mounted Heat Pump Manufacturer: Daikin Model: Wsrc1015	14	EA	$ 6,321.00	$88,494
Hhp-019 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh019	14	EA	$ 7,732.52	$108,255
Hhp-036 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh036	14	EA	$ 9,887.30	$138,422
Hhp-048 – Horizontal Heat Pump Manufacturer: Daikin Model: Wsmh048	14	EA	$ 11,624.79	$162,747
VAV				
Cav-4 – Single Inlet Cav W/ No Coil Manufacturer: Titus Model: Desv-04	7	EA	$ 1,869.63	$13,087.41
Cav-6 – Single Inlet Cav W/ No Coil Manufacturer: Titus Model: Desv-06	7	EA	$ 2,003.28	$14,022.96
Vav-6 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-06	64	EA	$ 2,221.76	$142,192.64
Vav-4 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-04	11	EA	$ 2,085.11	$22,936.21
Vav-8 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-08	3	EA	$ 2,505.56	$7,516.68
Vav-10 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-10	6	EA	$ 2,786.37	$16,718.22
Vav-12 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Desv-12	4	EA	$ 3,236.82	$12,947.28
Evav-08 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Dexv-08	6	EA	$ 2,984.51	$17,907.06
Evav-06 – Single Inlet Vav W/ No Coil Manufacturer: Titus Model: Dexv-06	6	EA	$ 2,639.22	$15,835.32

D3030	Cooling Generating Systems	$14,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum

	Cu-1 – Condensing Unit Manufacturer: Tbd Model: Tbd		1	EA	$ 6,920.00	$6,920
	Cu-2 – Condensing Unit Manufacturer: Tbd Model: Tbd		1	EA	$ 6,920.00	$6,920

D3040	Distribution Systems	$5,223,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	PUMPS					
	P-1A – Geothermal System Pump Manufacturer: Bell & Gossett Model: E-1530-4Gc		1	EA	$ 17,231.72	$17,232
	P-1B – Geothermal System Pump Manufacturer: Bell & Gossett Model: E-1530-4Gc		1	EA	$ 17,231.72	$17,232
	P-2 – Telecom / Freezer Cooler Pump Manufacturer: Bell & Gossett Model: Pl-55		6	EA	$ 2,060.38	$12,362
	Er-3 Cfm: 350		3	EA	$ 1,151.47	$3,454
	Er-3 Cfm: 325		35	EA	$ 1,124.74	$39,366
	Er-3 Cfm: 820		1	EA	$ 1,847.13	$1,847
	DIFFUSERS AND GRILLS					
	Er-1 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 50		20	EA	$ 309.76	$6,195
	Er-1 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 75		13	EA	$ 335.58	$4,363
	Er-1 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 100		4	EA	$ 361.39	$1,446
	Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 105		7	EA	$ 374.30	$2,620
	Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 125		16	EA	$ 400.11	$6,402
	Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 150		5	EA	$ 425.93	$2,130

Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 165	1 EA	$	451.74	$452
Er-2 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 185	3 EA	$	477.55	$1,433
Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 210	1 EA	$	516.27	$516
Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 350	3 EA	$	671.16	$2,013
Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 325	35 EA	$	645.34	$22,587
Er-3 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 820	1 EA	$	1,548.82	$1,549
Er-4 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 365	12 EA	$	696.97	$8,364
Er-4 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 385	2 EA	$	722.78	$1,446
Er-4 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 400	2 EA	$	748.60	$1,497
Er-8 – Exhaust Return Ceiling Grille (Lay-In) Manufacturer: Titus Model: —	4 EA	$	1,032.55	$4,130
Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 15	2 EA	$	283.95	$568
Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 20	1 EA	$	296.86	$297
Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 35	2 EA	$	309.76	$620

Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 40	2 EA	$	322.67	$645
Sd-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 50	2 EA	$	335.58	$671
Sd-2 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-A Cfm: 100	18 EA	$	413.02	$7,434
Sd-2 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-A Cfm: 120	3 EA	$	438.83	$1,316
Sd-2 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-A Cfm: 160	9 EA	$	464.65	$4,182
Sd-4 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 360	6 EA	$	826.04	$4,956
Sd-4 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 390	3 EA	$	877.67	$2,633
Sd-5 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa Cfm: 535	5 EA	$	1,161.62	$5,808
Sd-6 – Kitchen Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Pmc-Aa Cfm: 215	11 EA	$	774.41	$8,519
Ld-1 – Supply Linear Diffuser (Lay-In) Manufacturer: Titus Model: Fl-15-Ht Cfm: 150	27 EA	$	722.78	$19,515
Eg-7 – Exhaust Grille, Sidewall Manufacturer: Titus Model: 350Rl Cfm: 2610	1 EA	$	1,549.83	$1,550
Eg-4 – Exhaust Grille, Sidewall Manufacturer: Titus Model: 350Rl Cfm: 780	1 EA	$	826.04	$826
Eg-8 – Exhaust Grille, Sidewall Manufacturer: Titus Model: 350Rl Cfm: 4240	1 EA	$	2,221.76	$2,222

Sa-1 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa	1 EA	$	387.21	$387
Sa-2 – Supply Ceiling Diffuser (Lay-In) Manufacturer: Titus Model: Omni-Aa	1 EA	$	387.21	$387
Rr-5 – Return Air Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aa Cfm: 600	6 EA	$	722.78	$4,337
Rr-6 – Return Air Ceiling Grille (Lay-In) Manufacturer: Titus Model: Pxp-Aacfm: 800	7 EA	$	826.04	$5,782
Rg-1 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 120	2 EA	$	387.21	$774
Rg-5 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 3200	1 EA	$	1,780.30	$1,780
Rg-6 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 1600	1 EA	$	1,161.62	$1,162
Rg-8 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 10000	1 EA	$	4,241.21	$4,241
Rg-8 – Return Air Sidewall Grille Manufacturer: Titus Model: 350Rl Cfm: 8000	3 EA	$	3,572.95	$10,719
Sg-2 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 310	2 EA	$	464.65	$929
Sg-5 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 200	24 EA	$	387.21	$9,293
Sg-5 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 220	4 EA	$	400.11	$1,600
Sg-5 – Supply Sidewall Grille Manufacturer: Titus Model: 300Rs Cfm: 660	2 EA	$	722.78	$1,446
Sg-7 – Supply Sidewall Grille Manufacturer: Titus Model: Ul-Sd-Sv Cfm: 625	16 EA	$	774.41	$12,391

Sg-7 – Supply Sidewall Grille Manufacturer: Titus Model: Ul-Sd-Sv Cfm: 1060	4	EA	$	980.92	$3,924
DUCTWORK					
6X6 Rectangular Supply Air Duct	78	LF	$	58.24	$4,543
6X8 Rectangular Supply Air Duct	41	LF	$	65.65	$2,692
8X8 Rectangular Supply Air Duct	496	LF	$	72.60	$36,010
8X10 Rectangular Supply Air Duct	239	LF	$	79.96	$19,110
10X10 Rectangular Supply Air Duct	44	LF	$	87.57	$3,853
12X10 Rectangular Supply Air Duct	436	LF	$	94.51	$41,206
14X10 Rectangular Supply Air Duct	246	LF	$	101.72	$25,023
14X12 Rectangular Supply Air Duct	597	LF	$	109.05	$65,103
16X12 Rectangular Supply Air Duct	25	LF	$	117.13	$2,928
16X14 Rectangular Supply Air Duct	573	LF	$	123.60	$70,823
16X16 Rectangular Supply Air Duct	23	LF	$	131.90	$3,034
18X14 Rectangular Supply Air Duct	60	LF	$	131.22	$7,873
18X16 Rectangular Supply Air Duct	7	LF	$	141.87	$993
20X18 Rectangular Supply Air Duct	11	LF	$	155.54	$1,711
24X20 Rectangular Supply Air Duct	12	LF	$	177.33	$2,128
40X28 Rectangular Supply Air Duct	111	LF	$	301.57	$33,474
44X36 Rectangular Supply Air Duct	30	LF	$	441.70	$13,251
30" Dia Circular Supply Air Duct	66	LF	$	233.16	$15,389
26" Dia Circular Supply Air Duct	48	LF	$	204.28	$9,805
24" Dia Circular Supply Air Duct	17	LF	$	191.19	$3,250
22" Dia Circular Supply Air Duct	47	LF	$	174.35	$8,194
20" Dia Circular Supply Air Duct	13	LF	$	162.33	$2,110
18" Dia Circular Supply Air Duct	13	LF	$	147.56	$1,918
16" Dia Circular Supply Air Duct	52	LF	$	131.25	$6,825
14" Dia Circular Supply Air Duct	41	LF	$	110.19	$4,518
12" Dia Circular Supply Air Duct	23	LF	$	102.56	$2,359
8X6 Rectangular Return Air Duct	15	LF	$	66.26	$994
10X8 Rectangular Return Air Duct	79	LF	$	80.16	$6,333
12X8 Rectangular Return Air Duct	12	LF	$	88.63	$1,064
14X10 Rectangular Return Air Duct	33	LF	$	102.33	$3,377
14X12 Rectangular Return Air Duct	310	LF	$	109.06	$33,809
16X14 Rectangular Return Air Duct	292	LF	$	123.62	$36,097
18X14 Rectangular Return Air Duct	15	LF	$	132.36	$1,985
18X16 Rectangular Return Air Duct	8	LF	$	141.87	$1,135
24X24 Rectangular Return Air Duct	10	LF	$	192.94	$1,929
26X14 Rectangular Return Air Duct	23	LF	$	161.22	$3,708
44X24 Rectangular Return Air Duct	5	LF	$	396.52	$1,983
8X8 Rectangular Outside Air Duct	172	LF	$	72.76	$12,515
8X10 Rectangular Outside Air Duct	153	LF	$	79.97	$12,235
10X8 Rectangular Outside Air Duct	265	LF	$	79.96	$21,189
10X10 Rectangular Outside Air Duct	376	LF	$	87.15	$32,768
12X8 Rectangular Outside Air Duct	145	LF	$	87.33	$12,663
12X10 Rectangular Outside Air Duct	113	LF	$	94.53	$10,682
14X10 Rectangular Outside Air Duct	375	LF	$	101.71	$38,141
14X12 Rectangular Outside Air Duct	51	LF	$	109.32	$5,575
14X14 Rectangular Outside Air Duct	17	LF	$	117.57	$1,999
16X10 Rectangular Outside Air Duct	340	LF	$	109.06	$37,080
16X12 Rectangular Outside Air Duct	153	LF	$	116.44	$17,815

18X10 Rectangular Outside Air Duct	19	LF	$	117.52	$2,233
18X12 Rectangular Outside Air Duct	3	LF	$	131.45	$394
20X12 Rectangular Outside Air Duct	272	LF	$	130.83	$35,586
20X14 Rectangular Outside Air Duct	15	LF	$	139.93	$2,099
22X12 Rectangular Outside Air Duct	285	LF	$	138.17	$39,378
24X16 Rectangular Outside Air Duct	54	LF	$	160.38	$8,661
26X12 Rectangular Outside Air Duct	18	LF	$	154.24	$2,776
28X12 Rectangular Outside Air Duct	18	LF	$	161.65	$2,910
28X14 Rectangular Outside Air Duct	125	LF	$	167.32	$20,915
30X14 Rectangular Outside Air Duct	26	LF	$	175.74	$4,569
32X14 Rectangular Outside Air Duct	148	LF	$	221.41	$32,769
34X14 Rectangular Outside Air Duct	155	LF	$	230.30	$35,697
36X28 Rectangular Outside Air Duct	178	LF	$	300.97	$53,573
38X14 Rectangular Outside Air Duct	35	LF	$	248.55	$8,699
38X16 Rectangular Outside Air Duct	90	LF	$	257.04	$23,134
40X28 Rectangular Outside Air Duct	43	LF	$	320.69	$13,790
46X20 Rectangular Outside Air Duct	33	LF	$	367.84	$12,139
48X22 Rectangular Outside Air Duct	77	LF	$	386.76	$29,781
50X36 Rectangular Outside Air Duct	34	LF	$	472.60	$16,068
60X40 Rectangular Outside Air Duct	166	LF	$	542.35	$90,030
6X6 Rectangular Exhaust Air Duct	275	LF	$	58.21	$16,008
8X8 Rectangular Exhaust Air Duct	202	LF	$	72.76	$14,698
8X12 Rectangular Exhaust Air Duct	34	LF	$	87.75	$2,984
8X14 Rectangular Exhaust Air Duct	14	LF	$	95.80	$1,341
10X8 Rectangular Exhaust Air Duct	170	LF	$	79.97	$13,595
10X10 Rectangular Exhaust Air Duct	396	LF	$	87.15	$34,511
10X12 Rectangular Exhaust Air Duct	298	LF	$	94.51	$28,164
12X10 Rectangular Exhaust Air Duct	165	LF	$	94.53	$15,597
12X12 Rectangular Exhaust Air Duct	275	LF	$	101.72	$27,973
14X12 Rectangular Exhaust Air Duct	30	LF	$	109.71	$3,291
14X8 Rectangular Exhaust Air Duct	14	LF	$	95.80	$1,341
16X12 Rectangular Exhaust Air Duct	134	LF	$	116.45	$15,604
16X4 Rectangular Exhaust Air Duct	3	LF	$	92.78	$278
16X14 Rectangular Exhaust Air Duct	30	LF	$	124.31	$3,729
18X14 Rectangular Exhaust Air Duct	33	LF	$	131.48	$4,339
20X20 Rectangular Exhaust Air Duct	29	LF	$	160.97	$4,668
20X12 Rectangular Exhaust Air Duct	192	LF	$	130.83	$25,119
22X12 Rectangular Exhaust Air Duct	281	LF	$	138.17	$38,826
22X14 Rectangular Exhaust Air Duct	92	LF	$	145.58	$13,393
22X16 Rectangular Exhaust Air Duct	43	LF	$	153.21	$6,588
24X12 Rectangular Exhaust Air Duct	51	LF	$	145.81	$7,436
24X14 Rectangular Exhaust Air Duct	42	LF	$	153.21	$6,435
26X14 Rectangular Exhaust Air Duct	59	LF	$	160.35	$9,461
28X14 Rectangular Exhaust Air Duct	179	LF	$	167.29	$29,945
30X14 Rectangular Exhaust Air Duct	32	LF	$	175.36	$5,612
34X16 Rectangular Exhaust Air Duct	78	LF	$	239.43	$18,676
34X14 Rectangular Exhaust Air Duct	104	LF	$	230.35	$23,956
34X20 Rectangular Exhaust Air Duct	113	LF	$	257.02	$29,043
36X14 Rectangular Exhaust Air Duct	30	LF	$	240.50	$7,215
36X28 Rectangular Exhaust Air Duct	17	LF	$	304.39	$5,175
40X28 Rectangular Exhaust Air Duct	74	LF	$	319.65	$23,654
46X20 Rectangular Exhaust Air Duct	72	LF	$	365.38	$26,307
48X22 Rectangular Exhaust Air Duct	100	LF	$	386.35	$38,635

	50X36 Rectangular Exhaust Air Duct		63	LF	$ 470.84	$29,663
	60X40 Rectangular Exhaust Air Duct		96	LF	$ 546.26	$52,441
	28" Dia Circular Outside Air Duct		27	LF	$ 219.48	$5,926
	20" Dia Circular Outside Air Duct		27	LF	$ 161.00	$4,347
	14" Dia Circular Outside Air Duct		26	LF	$ 117.11	$3,045
	12" Dia Circular Outside Air Duct		24	LF	$ 102.56	$2,461
	10" Dia Circular Outside Air Duct		19	LF	$ 88.03	$1,673
	4" Dia Circular Exhaust Air Duct		19	LF	$ 44.09	$838
	4" Dia Circular Outside Air Duct		53	LF	$ 43.70	$2,316
	6" Dia Circular Outside Air Duct		298	LF	$ 58.21	$17,347
	10" Dia Flexible Duct		32	LF	$ 48.28	$1,545
	8" Dia Flexible Duct		57	LF	$ 40.21	$2,292
	6" Dia Flexible Duct		13	LF	$ 32.44	$422
	Ductwork Fittings		139283	LS	$ 3.50	$487,491
	L-1 Louver Manufacturer: Ruskin Model: Elf375Dx Cfm: 300		3	EA	$ 1,050.00	$3,150
	Fire Damper		8	EA	$ 1,111.37	$8,891
	Motorized Damper		57	EA	$ 1,780.30	$101,477
	Piping		139283	SF	$ 18.64	$2,596,235

D3050	Terminal & Package Units					$646,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Doas-1 Outside Air Unit Manufacturer: Innovent Model: Eru-Ou-Wh-30000-Hp-Hg-Hg-460		1	EA	$ 627,360.00	$627,360
	Kef-1 Exhaust Fan Manufacturer: Greenheck Model: Cue-140-Vg		1	EA	$ 2,221.76	$2,222
	Kef-2 Exhaust Fan Manufacturer: Greenheck Model: Cue-140-Vg		1	EA	$ 2,221.76	$2,222
	Ef-1 Exhaust Fan Manufacturer: Greenheck Model: Cue-100-Hp		1	EA	$ 1,780.30	$1,780
	Ef-2 Exhaust Fan Manufacturer: Greenheck Model: Csp-A390-Vg		2	EA	$ 3,840.25	$7,681
	Ef-3 Exhaust Fan Manufacturer: Greenheck Model: -090Hp-Vgcue-100-Hp		1	EA	$ 4,241.21	$4,241

D3060	Controls and Instrumentation					$1,074,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Controls		139283	sf	$ 7.71	$1,073,872
						$0

D3070	Systems Testing & Balancing					$91,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Testing and Balancing		139283	sf	$ 0.65	$90,534

D3090	Other HVAC Systems & Equipment					$2,334,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	General Conditions		139283	sf	$ 5.08	$707,558
	Supervision		139283	sf	$ 2.75	$383,028
	Misc Equipment		139283	sf	$ 0.85	$118,391
	Seismic & VI		139283	sf	$ 1.22	$169,925
	Insulation		139283	sf	$ 3.81	$530,668
	Duct Cleaning		139283	sf	$ 0.51	$71,034
	Misc/Other		139283	sf	$ 2.54	$353,779

D40 Fire Protection

D4010	Sprinklers					$1,116,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Sprinkler Heads		1500	EA	$ 152.11	$228,165
	Check Valve		2	EA	$ 318.16	$636
	Ball Valve		1	EA	$ 159.08	$159
	1 1/2" Dry Pipe Valve		1	EA	$ 662.83	$663
	1 1/2" Fire Suppression Pipe		260	LF	23.26	$6,048
	1 1/2" Dry Pipe		89	LF	23.26	$2,070
	2 1/2" Fire Suppression Pipe		93	LF	28.03	$2,607
	2" Fire Suppression Pipe		316	LF	24.80	$7,837
	6" Fire Suppression Pipe		415	LF	61.45	$25,502
	4" Fire Suppression Pipe		3,342	LF	41.54	$138,827
	Branch Piping		139283	SF	4.10	$571,060
	Fire Sprinkler Pipe Fittings		139283	LS	0.95	$132,319
	Back Flow Preventer					

D4020	Standpipes					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

D4030	Fire Protection Specialties					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

D4090	Other Fire Protection Systems					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

D50 Electrical

D5010	Electrical Service and Distribution					$3,019,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	FEEDER ITEMS					
	Ground Rod		24	EA	$ 5,869.00	$140,856
	150Kva Transformer		2	EA	$ 35,732.00	$71,464
	112.5Kva Transformer		2	EA	$ 28,258.00	$56,516
	Utility Meter		4	EA	$ 8,778.00	$35,112
	15Kva Transformer		3	EA	$ 8,973.00	$26,919
	30Kva Transformer		3	EA	$ 14,971.00	$44,913
	600Kw, 480V-3 Phase, Diesel Generator W/ Level 2 Sound Attenuated Wp Enclosure And Subbase Double Wall Fuel Tank		1	EA	$ 303,067.00	$303,067
	Trystar Dual Purpose Docking Station		1	EA	$ 26,035.00	$26,035
	FEEDER CABLE					
	(10) 3#600, 1#500 G, (10) 4" Conduit		630	LF	$ 908.46	$572,330
	(8) 3#600, 1#400 G, (8) 4" Conduit		105	LF	$ 782.30	$82,142
	(6) 3#600, 1#350 G, (6) 4" Conduit		158	LF	$ 656.15	$103,672
	(5) 3#600, 1#250 G, (5) 4" Conduit		53	LF	$ 583.05	$30,902
	(4) 3#600, 1#4/0 G, (4) 4" Conduit		105	LF	$ 509.94	$53,544
	(3) 3#600, 1#3/0 G, (3) 4" Conduit		53	LF	$ 450.21	$23,861
	(3) 3#500, 1#2/0 G, (3) 3-1/2" Conduit		210	LF	$ 410.38	$86,180
	(2) 3#600, 1#1/0 G, (2) 4" Conduit		420	LF	$ 370.56	$155,635
	3#1, 1#8 G, 1-1/2" Conduit		210	LF	$ 96.07	$20,175
	3#2, 1#8 G, 1-1/4" Conduit		525	LF	$ 85.52	$44,898
	3#3, 1#8 G, 1-1/4" Conduit		210	LF	$ 80.89	$16,987
	3#6, 1#10 G, 1" Conduit		315	LF	$ 67.69	$21,322
	3#8, 1#10 G, 3/4" Conduit		105	LF	$ 59.78	$6,277
	3#10, 1#10 G, 3/4" Conduit		53	LF	$ 54.51	$2,889
	(2) 3#350, 1#1 G, (2) 3" Conduit		53	LF	$ 330.74	$17,529
	(2) 3#250, 1#2 G, (2) 3" Conduit		210	LF	$ 271.00	$56,910
	(6) 3#600, 1#350 G, (6) 4" Conduit		630	LF	$ 682.61	$430,044
	3#250, 1#4 G, 2-1/2" Conduit		420	LF	$ 197.90	$83,118
	3#4/0, 1#4 G, 2" Conduit		210	LF	$ 175.45	$36,845
	3#3/0, 1#6 G, 2" Conduit		525	LF	$ 160.88	$84,462
	3#2/0, 1#6 G, 2" Conduit		105	LF	$ 146.32	$15,364
	3#1/0, 1#6 G, 1-1/2" Conduit		210	LF	$ 131.75	$27,668
	TRANSFORMER CABLE					
	4#600 (4 Sets), 1#3/0 G, 4" Conduit		105	LF	$1,054.39	$110,711
	4-400 Kcmil (4 Sets), 1#3/0 G, 3" Conduit		105	LF	$888.41	$93,283
	4-350 Kcmil (3 Sets), 1#2/0 G, 3" Conduit		158	LF	$682.33	$107,808
	4-400 Kcmil (2 Sets), 1#2/0 G, 3" Conduit		53	LF	$562.86	$29,832
	4#4/0 (2 Sets), 1#2/0 G, 3" Conduit		105	LF	$516.49	$54,231
	4-300 Kcmil, 1#2 G, 2-1/2" Conduit		53	LF	$297.19	$15,751
	4#2/0, 1#4 G, 2" Conduit		210	LF	$221.55	$46,526
	4#2, 1#8 G, 1-1/2" Conduit		53	LF	$109.17	$5,786
	4#6, 1#8 G, 1" Conduit		210	LF	$86.72	$18,211
	PANEL					
	100A 480Y/277V, 4W, 3P Panel		8	EA	$1,764.21	$14,114
	100A 480Y/277V, 4W, 3P Panel		3	EA	$1,764.21	$5,293

100A 208Y/120V, 4W, 3P Panel	6	EA		$1,594.21	$9,565
225A 208Y/120V, 4W, 3P Panel	9	EA		$2,320.58	$20,885
600A 208Y/120V, 4W, 3P Panel	1	EA		$5,146.04	$5,146
400A 208Y/120V, 4W, 3P Panel	1	EA		$3,961.12	$3,961
800A 408Y/277V, 4W, 3P Panel	1	EA		$7,964.03	$7,964
225A 408Y/277V, 4W, 3P Panel	1	EA		$2,546.12	$2,546
400A 408Y/277V, 4W, 3P Panel	3	EA		$4,469.43	$13,408
600A 408Y/277V, 4W, 3P Panel	1	EA		$6,498.02	$6,498
600A 208Y/120V, 4W, 3P Panel	1	EA		$5,221.22	$5,221
CIRCUIT BREAKER					
60A/3P Circuit Breaker	1	EA	$	123.12	$123
30A/3P Circuit Breaker	4	EA	$	96.50	$386
20A/3P Circuit Breaker	5	EA	$	89.84	$449
100A/3P Circuit Breaker	24	EA	$	196.32	$4,712
50A/3P Circuit Breaker	2	EA	$	116.46	$233
250A/3P Circuit Breaker	2	EA	$	565.67	$1,131
300A/3P Circuit Breaker	1	EA	$	698.77	$699
225A/3P Circuit Breaker	9	EA	$	479.16	$4,312
450A/3P Circuit Breaker	1	EA	$	1,124.21	$1,124
400A/3P Circuit Breaker	2	EA	$	1,025.90	$2,052
800A/3P Circuit Breaker	1	EA	$	1,973.57	$1,974
600A/3P Circuit Breaker	1	EA	$	1,523.99	$1,524
Adjustment per reconciliation sheet	1	LS		-253800.00	-$253,800

D5020	Lighting & Branch Wiring	$3,214,000

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	LIGHTING FIXTURE						
	L1 – 4' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RI-50B-20-35K-Unv-Dim-Ceiling-Type-4'-Length (Or Equal)		1,100	EA	$	1,006.52	$1,107,172
	B1 – 4' Linear Utility Strip Light Manufacturer: Metalux / Lenxled (Or Equal) Model: H-Lunv-8R-35K-1-Hcd-Mounting (Or Equal)		182	EA	$	364.15	$66,275
	F1 – 6" Recessed Downlight Fixture Manufacturer: Halo (Or Equal) Model: Hlb6 / Hc8150Dl08Hbx15062585-6-Hmdh (Or Equal)		289	EA	$	337.69	$97,592
	L2 – 6' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4RI-50B-30-35K-Unv-Dim-Ceiling-Type-6'-Length (Or Equal)		90	EA	$	1,440.22	$129,620

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L3 – 10' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4Rl-50B-48-35K-Unv-Dim-Ceiling-Type-10'-Length (Or Equal)	27	EA	$	2,076.46	$56,064
L4 – 12' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4Rl-50B-58-35K-Unv-Dim-Ceiling-Type-12'-Length (Or Equal)	5	EA	$	2,367.34	$11,837
L5 – 8' Led Recessed Linear Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-4Rl-50B-40-35K-Unv-Dim-Ceiling-Type-8'-Length (Or Equal)	45	EA	$	1,833.54	$82,509
F2 – 4" Diameter Architectural Recessed Light Manufacturer: Visa Lighting — Symmetry Series (Or Equal) Model: Cim1970-W-13.5-Wh-Total-Frame-Finish (Or Equal)	26	EA	$	665.18	$17,295
L7 – 18.5' Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-2Rpe-7500-35K-35K-Unv-Dim-Flange-Type-18.5'-Length (Or Equal)	2	EA	$	3,136.47	$6,273
L6 – 7' Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting (Or Equal) Model: 3G-2Rpe-7500-35K-35K-Unv-Dim-Flange-Type-7'-Length (Or Equal)	20	EA	$	1,520.41	$30,408
A1 – 2'×2' Grid Lay-In Led Recessed Troffer Fixture Manufacturer: Metalux (Or Equal) Model: 22Cz2R34He-S-U-N-Gl-835-Hcd1 (Or Equal)	139	EA	$	464.88	$64,618
A2 – 2'×4' Grid Lay-In Led Recessed Troffer Manufacturer: Metalux (Or Equal) Model: 24Cz4R34He-S-U-N-Gl-835-Hcd1 (Or Equal)	20	EA	$	569.27	$11,385
F3 – High-Output, 60° Optic 3.3" Diameter Downlight Manufacturer: G Lighting / Fusion (Or Equal) Model: Mq-Pdl33R-H1E6-20-835-45K-40D-Unv-Hc-40In-Hwhco-Finish-Resin (Or Equal)	73	EA	$	1,046.62	$76,403
H1 – Suspended Round Led High-Bay Downlight (Wide Distribution) Manufacturer: Philips / Day-Brite (Or Equal) Model: Phz-25000Lm-Wpzfd-10T-35K-80Pc-Mounting-Finish-Hanger (Or Equal)	19	EA	$	1,332.26	$25,313

L10 – Restroom Recessed Fixture Type-Description: 17" Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting Model: 3G-2Rpe-Dso-380-35K-Unv-Dim-Flangth-3G-2Rpe (Or Equivalent)	4	EA	$	1,193.36	$4,773
L11 – Corridor Recessed Linear Fixture Type-Description: 9' Led Recessed Linear Fixture Manufacturer: 3G Lighting Model: 3G-4Rli-D500-380-35K-Unv-Dim-Ceiling (Or Equivalent)	1	EA	$	2,007.02	$2,007
L9 – Restroom Recessed Fixture Type-Description: 11" Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting Model: 3G-2Rpe-Dso-380-35K-Unv-Dim-Flangth-3G-2Rpe (Or Equivalent)	2	EA	$	1,186.82	$2,374
S1 – Corridor/Cafeteria Recessed Linear Fixture Type-Description: 12' Led Recessed Linear Fixture Manufacturer: 3G Lighting Model: 3G-5Brmsl-500-380-35K-600-Unv-Dim-Ang-Eng-Bk-Hxb-S (Or Equivalent)	24	EA	$	2,425.00	$58,200
W – Exterior Wall Pack Fixture Type-Description: Wall Pack Led Fixture With Type Iv Wide Distribution Manufacturer: Mcgraw Edison Model: Gwc Galleon Wall	34	EA	$	284.64	$9,678
X1 – General Exit Sign Type-Description: Wall Mounted Exit Sign Manufacturer: Lithonia Model: Aedg-1-R-Rmr-Wm	96	EA	$	225.17	$21,616
L12 – Corridor Recessed Linear Fixture Type-Description: 16' Led Recessed Linear Fixture Manufacturer: 3G Lighting Model: 3G-4Rli-D500-380-35K-Unv-Dim-Ceiling (Or Equivalent)	4	EA	$	2,625.48	$10,502
L8 – Restroom Recessed Fixture Type-Description: 14" Led Recessed Cove Restroom Fixture Manufacturer: 3G Lighting Model: 3G-2Rpe-Dso-380-35K-Unv-Dim-Flangth-3G-2Rpe (Or Equivalent)	2	EA	$	1,226.91	$2,454
LIGHTING SWITCH					
3 Way Low Voltage Switch	4	EA	$	82.72	$331
2 Way Dimmer Switch	74	EA	$	102.63	$7,595
Dimmer Switch	32	EA	$	92.02	$2,945
Vacancy Sensor Switch	37	EA	$	129.22	$4,781
Occupancy /Vacancy Dimmer Switch	43	EA	$	188.69	$8,114

Low Voltage Switch	3	EA	$	69.75	$209
4 Way Dimmer Switch	4	EA	$	142.45	$570
One Way Switch	29	EA	$	42.46	$1,231
Disconnect Switch	119	EA	$	258.31	$30,739
Doas-1 250A Integral Disconnect Switch	1	EA	$	1,446.90	$1,447
Tamper Switch	3	EA	$	218.49	$655
Flow Switch	3	EA	$	310.37	$931
POWER FIXTURE					
Controlled Duplex Receptacle	354	EA	$	78.76	$27,881
Quad Receptacle	101	EA	$	102.99	$10,402
Duplex Receptacle	459	EA	$	33.93	$15,574
Wp Duplex Receptacle	8	EA	$	90.87	$727
Gfci Duplex Receptacle	2	EA	$	115.11	$230
Junction Box	45	EA	$	21.81	$981
Floor Box	33	EA	$	345.32	$11,396
Ceiling Mounted Duplex Receptacle	15	EA	$	54.52	$818
Tr Duplex Receptacle	8	EA	$	38.77	$310
LIGHTING WIRING					
2#12 Awg Thhn/Thwn Wire	75,600	LF		2.49	$188,244
1#12 Gnd Wire	37,800	LF		1.24	$46,872
3/4" Emt Conduit For Lighting	37,800	LF		10.39	$392,742
POWER WIRING					
2#12 Awg Thhn/Thwn Wire	37,397	LF		2.49	$93,119
1#12 Gnd Wire	18,698	LF		1.24	$23,186
3/4" Emt Conduit For Power	18,698	LF		10.39	$194,272
Equipment Connections	135706	sf		1.67	$226,629
Kitchen Equipment	135706	sf		0.20	$27,141
					$0

D5030	Communications & Security					$3,152,000
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
	FIRE ALARM EQUIPMENT					
	Smoke Detector		134	EA	302.91	$40,590
	Smoke Damper Connection		9	EA	266.56	$2,399
	Fire Smoke Damper		3	EA	2210.12	$6,630
	Remote Test Station		6	EA	230.21	$1,381
	Addressable Relay Module		9	EA	399.84	$3,599
	Duct Smoke Detector		6	EA	932.97	$5,598
	Zone Addressable Module		9	EA	351.38	$3,162
	Remote Alarm Indicating Station		54	EA	278.68	$15,049
	Pull Station		36	EA	351.38	$12,650
	Audio/Visual Notification Appliance		202	EA	399.84	$80,768
	Wp Audio/Visual Notification Appliance		1	EA	521.01	$521
	Visual Notification Appliance		3	EA	302.91	$909
	Audio Notification Appliance		3	EA	278.68	$836
	Control Module		2	EA	424.08	$848
	Monitor Module		2	EA	375.61	$751
	Fire Alarm Terminal Cabinet		4	EA	1627.06	$6,508

D50 Electrical

	Heat Detector		4	EA	278.68	$1,115
	Fire Alarm Annunciator		8	EA	4728.38	$37,827
	Fire Alarm Control Pannel		2	EA	5936.60	$11,873
	Surge Protection Device		1	EA	932.97	$933
	Fire Alarm Phone Jack		2	EA	109.05	$218
	Bell Light		3	EA	375.61	$1,127
	Fire Alarm Knox Box Connection		2	EA	424.08	$848
	Battery Cabinet		1	EA	2076.46	$2,076
	FIRE ALARM WIRING					
	2#16 Awg Wire		32,390	LF	2.49	$80,651
	1#16 Gnd Wire		16,195	LF	1.24	$20,082
	3/4" Emt Conduit For Fire Alarm		16,195	LF	10.39	$168,266
	Telecom		139283	sf	1.75	$243,745
	AV Systems		139283	sf	2.50	$348,208
	Data		139283	sf	2.89	$402,528
	Clock System		139283	sf	1.75	$243,745
	Security		139283	sf	5.00	$696,415
	Theatrical Lighting		1	ls	250000.00	$250,000
	Two Way Communications		1	ls	30000.00	$30,000
	Bi Directional Amplification		139283	sf	1.65	$229,817
	A/V		1	ls	200000.00	$200,000

D5090	Other Electrical Systems					$886,000

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Electrical Testing/Commissioning		139283	sf	0.25	$34,821
	Lightning Protection		139283	sf	0.85	$118,391
	Grounding		139283	sf	0.10	$13,928
	Temp Power/Lighting		139283	sf	4.00	$557,132
	Site Electric		1	ls	162000.00	$162,000

E1010	Commercial Equipment					$1,422,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
113000	**LOADING DOCK**					
	Loading Dock Bumpers		1	LS	$ 5,000.00	$5,000
	Loading Dock Leveler		1	EA	$ 18,000.00	$18,000
113100	**APPLIANCES**					
	Residential Appliances					
	Range		6		$ 2,300.00	$13,800
	Dishwasher		2		$ 1,000.00	$2,000
	Microwave		2		$ 600.00	$1,200
	Refrigerator		11		$ 2,300.00	$25,300
	Undercounter Refrigerator		5		$ 800.00	$4,000
	Washing Machine		2		$ 1,800.00	$3,600
	Dryer		2		$ 1,200.00	$2,400
	Kiln		1		$ 5,000.00	$5,000
114000	**FOOD SERVICE EQUIPMENT**					
	Kitchen Equipment		1	LS	$ 727,875.00	$727,875
115213	**PROJECTION SCREENS**					
	Allowance		1	LS	$ 15,000.00	$15,000
116200	**THEATRE EQUIPMENT**					
	Audio & Video					
	Pipe Grid		1	LS	$ 75,000.00	$75,000
	Curtains		1	LS	$ 30,000.00	$30,000
	Theatrical Lighting Fixtures					
	Theatrical Lighting Dimming					
	Blackbox Seating		1	LS	$ 125,000.00	$125,000
116600	**ATHLETIC EQUIPMENT**					
	Wall Pads		700	SF	$ 18.00	$12,600
	Volleyball Net and Standards		1	SET	$ 4,000.00	$4,000
	Scoreboard and Shot Clock		2	EA	$ 25,000.00	$50,000
	Bleachers		1	LS	$ 150,000.00	$150,000
	Basketball Backstop		6	EA	$ 12,000.00	$72,000
	Gym Divider		1	LS	$ 50,000.00	$50,000
	Overhead Storage - Wrestling Mats		1	LS	$ 18,000.00	$18,000
	Overhead Storage - Batting Cage		1	LS	$ 12,000.00	$12,000

E1020	Institutional Equipment					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum

E1030	Vehicular Equipment					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

E1090	Other Equipment					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

E2010	Fixed Furnishings					$1,333,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Roller Window Shades		250	ea	650.00	$162,500
	Premium for Motorized Shades		1	ls	12000.00	$12,000
062000	**ARCHITECTURAL WOODWORK**					
	2'-0" Deep X 2'-10" High Base Cabinets, Adjustable Shelving & 1 Ea Drawer W/ Wood Veneer Finish (All Exposed Surfaces)		773	LF	500.00	$386,668
	2'-0" Deep X 2'-10" High Base Drawers, 4 Ea Drawers W/ Wood Veneer Finish (All Exposed Surfaces)		15	LF	500.00	$7,271
	2'-0" Deep X 2'-10" High Base Drawers, 6 Ea Drawers W/ Wood Veneer Finish (All Exposed Surfaces)		8	LF	500.00	$3,927
	1'-0" Deep X 2'-6" High Overhead Cabinets, Adjustable Shelving (2 Ea) W/ Wood Veneer Finish (All Exposed Surfaces)		549	LF	400.00	$219,416
	1'-0" Deep X 2'-6" High Open Wall Shelving W/ Wood Veneer Finish (All Exposed Surfaces)		271	LF	300.00	$81,223
	2'-0" Deep X 2'-10" High Open Wall Shelving W/ Wood Veneer Finish (All Exposed Surfaces)		143	LF	400.00	$57,343
	2'-0" Deep X 7'-4" High Full Height Cabinets W/ Wood Veneer Finish (All Exposed Surfaces)		111	LF	400.00	$44,541
	2'-0" Deep X 7'-4" High Full Height Open Shelving W/ Wood Veneer Finish (All Exposed Surfaces)		13	LF	400.00	$5,023
	2'-0" Deep X 6'-6" High Full Height Mailbox Shelves (200 Ea Mail Sorters) W/ Wood Veneer Finish (All Exposed Surfaces)		11	LF	400.00	$4,406
	1"X2" Wood Trim		1353	LF	10.00	$13,534
	2" Trackable Surface Strip		1353	LF	10.00	$13,532
	Plastic Laminate Surface Counter Top W/ Solid Wood Edges		2258	SF	130.00	$293,497
	4" Backsplash		1091	LF	26.00	$28,370

E2020	Movable Furnishings	$0

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

F1010	Special Structures					$507,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Planetarium (Agreed to Carry $ per Reconciliation)		1	ls	507350.00	$507,350
						$0
						$0

F1020	Integrated Construction					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

F1030	Special Construction Systems					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

F1040	Special Facilities					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

F1050	Special Controls and Instrumentation					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
						$0

F20 Selective

F2010	Building Elements Demolition					$1,523,000
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
	Building Demolition		121850	sf	12.50	$1,523,125
						$0
						$0
						$0
						$0

F2020	Hazardous Components Abatement					$3,228,000
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
	Hazardous Material Abatement		121850	ls	26.49	$3,227,807
						$0
						$0
						$0
						$0

G1010	Site Clearing					$1,727,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	GENERAL CONDITIONS					
	Site Construction Fencing		4800	lf	$ 25.00	$120,000
	Fence at Geothermal		1400	lf	$ 25.00	$35,000
	Tracking Pads		4	ea	$ 7,500.00	$30,000
	Mobilizations		1	ls	$ 75,000.00	$75,000
	Construct Temp Laydown/Construction Parking		88000	sf	$ 2.00	$176,000
	Survey/Layout		1	ls	$ 100,000.00	$100,000
	Temp Paving		1800	sy	$ 42.00	$75,600
	Demo Temp Paving		1800	sy	$ 10.00	$18,000
	Restore Laydown Areas		88000	sf	$ 1.25	$110,000
	Street Sweeping		1	ls	$ 45,000.00	$45,000
	Dust Control		1	ls	$ 30,000.00	$30,000
	Temp Teacher Parking		1	ls	$ 40,000.00	$40,000
	Police Protection		1	ls	$ 60,000.00	$60,000
	Snow Removal		1	ls	$ 70,000.00	$70,000
	Temporary Security Lighting		1	ls	$ 40,000.00	$40,000
	Temp Heat		1	LS	$ 175,000.00	$175,000
	Temporary Window/Door Infill		1	LS	$ 80,000.00	$80,000
	Temporary Stair Towers		1	LS	$ 65,000.00	$65,000
	Water Utility Usage		1	LS	$ 40,000.00	$40,000
	Clearing and Grubbing		5.8	ac	$ 9,000.00	$52,200
	Stumping		1	ls	$ 20,000.00	$20,000
	Sedimant and Erosion Control Fence		3500	lf	$ 8.00	$28,000
	Staked Haybales		1200	lf	$ 12.00	$14,400
	Inlet Protection		1	ls	$ 30,000.00	$30,000
	Temporary Sediment basins		1	ea	$ 25,000.00	$25,000
	Anti-Tracking Pads		4	ea	$ 8,000.00	$32,000
	Stockpile Protection		1	ls	$ 12,000.00	$12,000
	Temporary Seeding		1	ls	$ 25,000.00	$25,000
	Maintain Erosion Control Measures		1	ls	$ 50,000.00	$50,000
	Strip Topsoil/Dispose		4500	cy	$ 12.00	$54,000

G1020	Site Demolition and Relocations					$451,000
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	SITE DEMOLITION					
	Demolish Asphalt Paving/Curbs		147650	sf	$ 1.65	$243,623
	Demolish Concrete Paving/Curbs		22275	sf	$ 3.45	$76,849
	Demolish Site Signs		28	ea	$ 125.00	$3,500
	Demolish Existing Fencing		1195	lf	$ 8.00	$9,560
	UTILITY DEMOLITION					
	Demolish & Remove Existing Piping		2900	lf	$ 22.00	$63,800

	Demolish and Remove Existing Catch Basins and Manholes		30	ea	$	1,000.00	$30,000
	Demolish Existing Site Lighting		30	ea	$	800.00	$24,000

G1030	Site Earthwork						$1,463,000
Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	EARTHWORK						
	Site Excavation		22000	CY	$	12.00	$264,000
	On Site Fill		8170	CY	$	26.00	$212,420
	Load Excess Soil for Disposal		13830	CY	$	1.85	$25,586
	Disposal of Clean Non Regulated		23511	TN	$	12.00	$282,132
	Fine Grade Site		780000	sf	$	0.25	$195,000
	GEOTHERMAL						
	Groundwater Management		1	LS	$	50,000.00	$50,000
	Earthwork to Support Geothermal		120000	sf	$	1.50	$180,000
	Excavation and Backfill Pipe Trenches		3200	CY	$	65.00	$208,000
	Sand Bedding		800	CY	$	43.00	$34,400
	Loading and Disposal of Well Spoils		500	CY	$	2.10	$1,050
	Disposal of Spoils		850	TN	$	12.00	$10,200

G1040	Hazardous Waste Remediation						$50,000
Ref	Item Description	Par. Qty?	Quantity	UoM		Rate	Sum
	HAZARDOUS MATERIALS						
							$0
	UST Removal		1	LS	$	50,000.00	$50,000

G2010	Roadways					$ 1,000,000.00
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Fine Grade HD Areas		97097	sf	$ 0.16	$ 15,535.52
	Asphalt Pavement HD 2.5" Binder		1550	tn	$ 165.00	$ 255,750.00
	Asphalt Pavement HD 1.5" Wearing		931	tn	$ 165.00	$ 153,615.00
	Pavement Markings, Arrows, Lehgend - Waterborne		1	ls	$ 5,000.00	$ 5,000.00
	Concrete Curbs		8265	lf	$ 41.16	$ 340,187.40
	Site Signs		20	EA	$ 800.00	$ 16,000.00
	8" Processed Aggregate Base HD Pavement		4820	tn	$ 34.00	$ 163,880.00
	12" Processed Aggregate base - Stabilized Turf		315	TN	$ 34.00	$ 10,710.00
	Grass Pavers and Soil Infill		4200	SF	$ 9.25	$ 38,850.00
						$ -

G2020	Parking Lots					$ 217,000.00
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Fine Grade SD Areas		41675	sf	$ 0.16	$ 6,668.00
	Asphalt Pavement SD 1.5" Binder		400	tn	$ 165.00	$ 66,000.00
	Asphalt Pavement SD 1.5" Wearing		400	tn	$ 165.00	$ 66,000.00
	Pavement Markings, Arrows, & Legends - Waterborne		1	ls	$ 7,500.00	$ 7,500.00
	8" Process Aggregate Base SD Pavement		2070	tn	$ 34.00	$ 70,380.00
						$ -

G2030	Pedestrian Paving					$ 797,000.00
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	5" Concrete Sidewalk		41144	sf	$ 12.75	$ 524,586.00
	Concrete Pavers 4"x8" - BOD Unilock		4304	sf	$ 28.00	$ 120,512.00
	Site Concrete Stairs		18	rise	$ 2,400.00	$ 43,200.00
	Ampitheter Stairs		12	rise	$ 3,600.00	$ 43,200.00
	6" Process Aggregate Base Walks and Pavers		1683	tn	$ 38.00	$ 63,954.00
	Stonedust For Pavers		33	ton	$ 40.00	$ 1,320.00
	6" Processed Aggregate Base at Ampitheter					

G2040	Site Development					$ 1,235,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	SITE FURNISHINGS					
	Flagpole - 25' Exposed Height Aluminum		1	ea	$ 10,500.00	$ 10,500.00
	Bollards - 5" Diameter - BOD URBAN by Vestre		5	ea	$ 1,750.00	$ 8,750.00
	Bikeracks - BOD FORUM by Vestre		10	ea	$ 2,200.00	$ 22,000.00
	Benches - BOD BLOC by Vestre		2	ea	$ 5,500.00	$ 11,000.00
	Picnic Table w/2 Benches - BOD BLOC by Vestre		2	ea	$ 3,750.00	$ 7,500.00
	Moveable Tables w/4 Chairs per Table - BOD		3	ea	$ 4,000.00	$ 12,000.00
	Moveable Seating at Paver Area		1	LS	$ 12,000.00	$ 12,000.00
	Trash and Recycling Receptacles - BOD Acceptor 160 by Vestre		2	ea	$ 3,200.00	$ 6,400.00
	Site School ID Sign Allowance		1	LS	$ 30,000.00	$ 30,000.00
	WOODEN PLATFORM AT AMPITHEATER					
	IPE Wood Top 6' Wide Between Seat Walls		150	LF	$ 300.00	$ 45,000.00
	Concrete Slab		550	SF	$ 14.00	$ 7,700.00
	12" Processed Aggregate Base		41	TN	$ 60.00	$ 2,460.00
	Drains		150	LF	$ 30.00	$ 4,500.00
	FENCING					
	3' High Black PVC Coated Chain Link Fence		365	lf	$ 62.00	$ 22,630.00
	4' High Ornamental Fence		130	LF	$ 175.00	$ 22,750.00
	Ornamental Gate		2	EA	$ 1,500.00	$ 3,000.00
	Dumpster Enclosure		1	ls	$ 35,000.00	$ 35,000.00
	Vehicular Gate		1	EA	$ 25,000.00	$ 25,000.00
	Fencing at New Athletic Field		1140	lf	$ 55.00	$ 62,700.00
	Backstop at Reconstructed Field		1	EA	$ 45,000.00	$ 45,000.00
	SITE WALLS					
	Ampitheater Seating					
	Precast Concrete		150	LF	$ 1,200.00	$ 180,000.00
	Concrete Foundations		14	CY	$ 950.00	$ 13,300.00
	Excavation and Backfill		10	CY	$ 40.00	$ 400.00
	Drains		150	LF	$ 18.00	$ 2,700.00
	Planter Wall					
	Precast Concrete		380	LF	$ 1,200.00	$ 180,000.00
	Concrete Foundations		34	CY	$ 950.00	$ 13,300.00
	Excavation and Backfill		14	CY	$ 40.00	$ 400.00
	Drains		380	LF	$ 18.00	$ 2,700.00
	Cheek Walls					
	Concrete		44	CY	$ 950.00	$ 41,800.00
	Excavation and Backfill		15	CY	$ 40.00	$ 600.00
	Drains		120	LF	$ 18.00	$ 2,160.00
	Seat Walls					
	Concrete		30	CY	$ 950.00	$ 37,400.00
	Excavation and Backfill		25	CY	$ 40.00	$ 600.00

	Drains		120	LF	$	18.00	$	2,160.00
	Site Retaining Wall Large Modular Block							
	Large Block Wall		300	SF	$	80.00	$	24,000.00
	PlayerBenches at Athletic Field		2	EA	$	1,200.00	$	2,400.00
	Precast Concrete Ampitheter Seating		0	lf	$	1,000.00	$	-
	2'x4" Joist System		150	lf	$	20.00	$	3,000.00
	Concrete Footing		150	lf	$	200.00	$	30,000.00
	Versa Lok Retaining Wall		2400	sf	$	80.00	$	192,000.00
	Restoration of Field at Geothermal		1	ls	$	-	$	-
	Restorationn of Construction/Trailer Areas		88000	sf	$	1.25	$	110,000.00
							$	-
G2050	Landscaping						$	2,602,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM		Rate		Sum
	Shade Trees 2.5-3" Caliper		168	ea	$	1,500.00	$	252,000.00
	Evergreen Trees 6'-8' ht		39	ea	$	900.00	$	35,100.00
	Ornamental Trees 8'-10' ht		38	ea	$	2,000.00	$	76,000.00
	Shrubs and Ground Plantings 2 gallon Spaced at 24"oc		5775	ea	$	26.00	$	150,150.00
	Mulching		200	cy	$	60.00	$	12,000.00
	Meadow Seed Mix		195,000	sf	$	0.45	$	87,750.00
	Lawn Seed Mix		250000	sf	$	0.35	$	87,500.00
	Temporary Irrigation Plantings and Meadow Seed Mix		215000	sf	$	0.75	$	161,250.00
	Permanent Field Irrigation		160,000	sf	$	2.10	$	336,000.00
	Maintenance of Lawns and Plantings		1	ls	$	50,000.00	$	50,000.00
	Import Topsoil		14000	cy	$	68.00	$	952,000.00
	Sod at Athletic Fields		158550	sf	$	1.75	$	277,462.50
	Restoration of Field at Geothermal		1	ls	$	125,000.00	$	125,000.00

G3010	Water Supply					$ 472,000.00
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
	Tap Fee		1	EA	$ 8,500.00	$ 8,500.00
	6" Tapping Sleeve & Valve		1	EA	$ 8,500.00	$ 8,500.00
	6" DIP		2035	LF	$ 170.00	$ 345,950.00
	4" DIP		180	LF	$ 135.00	$ 24,300.00
	6" GV&B Fire Hydrant		3	EA	$ 1,600.00	$ 4,800.00
	6" GV&B		1	EA	$ 1,350.00	$ 1,350.00
	4" GV&B		1	EA	$ 1,100.00	$ 1,100.00
	6" Bends		9	EA	$ 500.00	$ 4,500.00
	4" Bends		1	EA	$ 500.00	$ 500.00
	6"x6" Tee		2	EA	$ 800.00	$ 1,600.00
	6"x4" Tee		1	EA	$ 700.00	$ 700.00
	6"x6" Hydrant Tee		1	EA	$ 1,000.00	$ 1,000.00
	Fire Hydrant		3	EA	$ 4,200.00	$ 12,600.00
	Water Meter Vault		1	EA	$ 40,000.00	$ 40,000.00
	Flange Connection Inside Foundation for Fire Service		1	EA	$ 3,250.00	$ 3,250.00
	Testing & Disinfection		1	LS	$ 4,000.00	$ 4,000.00
	Thrust Blocks		19	EA	$ 500.00	$ 9,500.00

G3020	Sanitary Sewer					$ 155,000.00
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
	Sanitary Connection to Existing MH		1	EA	$ 5,000.00	$ 5,000.00
	8" PVC Sanitary		542	LF	$ 82.00	$ 44,444.00
	6" PVC Sanitary		542	LF	$ 72.00	$ 39,024.00
	4' Diamter Sanitary Manhole		7	EA	$ 6,500.00	$ 45,500.00
	Clean Out Assembly		3	EA	$ 1,200.00	$ 3,600.00
	Grease Trap		1	EA	$ 14,000.00	$ 14,000.00
	Testing		1	LS	$ 3,200.00	$ 3,200.00

G3030	Storm Sewer					$ 1,178,000.00
Ref	**Item Description**	**Par. Qty?**	**Quantity**	**UoM**	**Rate**	**Sum**
	12" RCP Storm Pipe		645	LF	$ 132.50	$ 85,462.50
	12" HDPE Storm Pipe		1,949	LF	$ 99.37	$ 193,672.13
	15" HDPE Storm Pipe		591	LF	$ 121.38	$ 71,735.58
	18" HDPE Storm Pipe		462	LF	$ 149.81	$ 69,212.22
	24" RCP Storm Pipe		1,277	LF	$ 242.58	$ 309,774.66

24" HDPE Storm Pipe	141	LF	$	195.23	$	27,527.43
1 -1/2" X 6" Perforated Underdrainage Pipe	3,847	LF	$	46.15	$	177,539.05
6" Perforated Underdrainage Pipe HDPE	128	LF	$	64.96	$	8,314.88
Catch Basin	27	EA	$	6,218.56	$	167,901.12
Yard Drain	21	EA	$	1,538.24	$	32,303.04
Clean Out	2	EA	$	918.57	$	1,837.14
Storm Manhole	3	EA	$	10,920.74	$	32,762.22

G3040 Heating Distribution $ -

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
100						$ -
105						$ -
110						$ -
115						$ -
120						$ -

G3050 Cooling Distribution $ -

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
100						$ -
105						$ -
110						$ -
115						$ -
120						$ -

G3060 Fuel Distribution $ -

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
100						$ -
105						$ -
110						$ -
115						$ -
120						$ -

G3090 Other Site Mechanical Utilities $ -

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum

100	$	-
105	$	-
110	$	-
115	$	-
120	$	-

G4010	Electrical Distribution	$ 438,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Excavation and Backfill Primary Ductbank		360	LF	$ 56.00	$ 20,160.00
	Excavation and Backfill Secondary Ductbank		420	LF	$ 56.00	$ 23,520.00
	Excavation and Backfill Site Lighting/EV Charging		4000	LF	$ 16.00	$ 64,000.00
	Electric Manhole		1	EA	$ 6,500.00	$ 6,500.00
	Transformer Pad		1	EA	$ 7,500.00	$ 7,500.00
	Primary Ductbank Conduit		360	LF	$ 46.00	$ 16,560.00
	Secondary Ductbank/Cable		180	LF	$ 965.00	$ 173,700.00
	Generator Ductbank/Cable		240	LF	$ 525.00	$ 126,000.00

G4020	Site Lighting	$ 135,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Light Pole Bases		44	EA	$ 1,250.00	$ 55,000.00
	Bollard Base		12	EA	$ 875.00	
	Site Lighting Cabling		4000	LF	$ 20.00	$ 80,000.00
						$ -

G4030	Site Communications & Security	$ 103,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	Excavation and Backfill for Comm & Security		360	LF	$ 56.00	$ 20,160.00
	Telecom Ductbank		360	LF	$ 92.00	$ 33,120.00
	Site Security Allowance		1	LS	$ 50,000.00	$ 50,000.00
						$ -

G4090	Other Site Electrical Utlilities	$ 200,000.00

Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
	EV Stations		5	EA	$ 22,000.00	$ 110,000.00
	EV Rough In for 30 Stations		30	EA	$ 3,000.00	$ 90,000.00
						$ -

G9010	Service and Pedestrian Tunnels					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
100						$0
105						$0
110						$0
115						$0
120						$0

G9090	Other Site Systems					$0
Ref	Item Description	Par. Qty?	Quantity	UoM	Rate	Sum
100						$0
105						$0
110						$0
115						$0
120						$0

Reconciled Delta

HILLCREST MIDDLE SCHOOL

Reconcilation Meeting Adjustment Tracking Log

January 20, 2026

Reconciliation vs. Bismark Estimate: 1/20/2026

TABLE A Direct Trade Costs

LVL-2	LEVEL 2 GROUP ELEMENTS	Pre-Reconciliation				Reconciled - Projected Value			
		BCC	PMC	Diff	Avg.	BCC	PMC	Diff	Avg.
A10	FOUNDATIONS	$5,299,000	$6,016,904	($717,904)	$5,657,952	$5,500,221	$4,729,643	$770,578	$5,114,932
A20	BASEMENT CONSTRUCTION	$0	$0	$0	$0	$0	$0	$0	$0
B10	SUPERSTRUCTURE	$6,885,000	$7,738,762	($853,762)	$7,311,881	$7,485,000	$7,493,522	($8,522)	$7,489,261
B20	EXTERIOR CLOSURE	$13,224,000	$12,617,797	$606,203	$12,920,899	$12,321,290	$12,617,797	($296,507)	$12,469,544
B30	ROOFING	$6,277,000	$5,386,215	$890,785	$5,831,608	$5,793,946	$5,700,315	$93,631	$5,747,131
C10	INTERIOR CONSTRUCTION	$11,439,000	$9,720,915	$1,718,085	$10,579,958	$10,107,280	$9,855,753	$251,527	$9,981,517
C20	STAIRS	$614,000	$557,080	$56,920	$585,540	$567,400	$557,080	$10,320	$562,240
C30	INTERIOR FINISHES	$4,550,000	$4,904,317	($354,317)	$4,727,159	$4,828,400	$4,904,317	($75,917)	$0
D10	CONVEYING	$461,000	$484,800	($23,800)	$472,900	$461,000	$484,800	($23,800)	$0
D20	PLUMBING	$3,607,000	$4,089,717	($482,717)	$3,848,359	$4,034,401	$4,089,717	($55,316)	$4,062,059
D30	HVAC	$13,998,000	$14,262,050	($264,050)	$14,130,025	$14,473,587	$14,050,650	$422,937	$14,262,119
D40	FIRE PROTECTION	$1,206,000	$1,076,343	$129,657	$1,141,172	$1,116,000	$1,133,191	($17,191)	$1,124,596
D50	ELECTRICAL	$10,525,000	$9,808,137	$716,863	$10,166,569	$10,271,200	$9,993,587	$277,613	$10,132,394
E10	EQUIPMENT	$1,194,000	$1,139,400	$54,600	$1,166,700	$1,421,875	$1,417,275	$4,600	$1,419,575
E20	FURNISHINGS	$1,413,000	$1,327,205	$85,795	$1,370,103	$1,333,400	$1,327,205	$6,195	$1,330,303
F10	SPECIAL CONSTRUCTION	$507,000	$507,350	($350)	$507,175	$507,000	$507,350	($350)	$507,175
F20	SELECTIVE BUILDING DEMOLITION	$1,828,000	$1,218,500	$609,500	$1,523,250	$1,523,375	$1,523,125	$250	$1,523,250
F20A	HAZARDOUS COMPONENT ABATEMENT	$3,228,000	$3,228,640	($640)	$3,228,320	$3,228,000	$3,228,640	($640)	$3,228,320
G10	SITE PREPARATION	$3,831,000	$3,258,869	$572,131	$3,544,935	$3,691,000	$3,231,058	$459,942	$3,461,029
G20	SITE IMPROVEMENTS	$6,001,000	$5,842,845	$158,155	$5,921,923	$5,851,000	$5,842,845	$8,155	$5,846,923
G30	SITE MECHANICAL UTILITIES	$1,805,000	$1,593,432	$211,568	$1,699,216	$1,805,000	$1,673,977	$131,023	$1,739,489
G40	SITE ELECTRICAL UTILITIES	$876,000	$986,050	($110,050)	$931,025	$876,000	$986,050	($110,050)	$931,025
G90	OTHER SITE CONSTRUCTION	$0	$0	$0	$0	$0	$0	$0	$0
Total Direct Trade Cost		$98,768,000	$95,765,328	$3,002,672	$97,266,664	$97,196,375	$95,347,897	$1,848,478	$90,932,878

HILLCREST MIDDLE SCHOOL

A10 Foundations

(Home)

	BCC	PMC	
	$5,299,000	**$6,016,904**	
Adjustment	$201,221	($1,287,261)	
Total Reconciled	**$5,500,221**	**$4,729,643**	

	BCC	PMC	Notes:
	$5,299,000	**$6,016,904**	
Adjustments:			
Adjust Over Excavation		($1,287,261)	
Add Piers	$137,000		
Pad Footing Formwork	$64,221		
Adjustment	$201,221	($1,287,261)	
Total Reconciled	$5,500,221	$4,729,643	

HILLCREST MIDDLE SCHOOL

A20 Basement Construction

(Home)

	BCC	PMC	
		$0	
Adjustment	$0	$0	
Total Reconciled	**$0**	**$0**	

Reconciled Delta:

$0	**#DIV/0!**

	BCC	PMC	
	$0	**$0**	
Adjustments:			
Adjustment	$0	$0	
Total Reconciled	$0	$0	

HILLCREST MIDDLE SCHOOL

B10 Superstructure

(Home)

	BCC	PMC	
	$6,885,000	**$7,738,762**	
Adjustment	$600,000	($245,240)	
Total Reconciled	**$7,485,000**	**$7,493,522**	

	BCC	PMC	Notes:
	$6,885,000	**$7,738,762**	
Adjustments:			
Add Struct	$450,000		**Add 90 Ton**
Add Misc	$150,000		
Reduce Fireproof		($245,240)	
Adjustment	$600,000	($245,240)	
Total Reconciled	$7,485,000	$7,493,522	

HILLCREST MIDDLE SCHOOL

B20 Exterior Closure

(Home)

	BCC	PMC	
	$13,224,000	**$12,617,797**	
Adjustment	($902,710)	$0	
Total Reconciled	**$12,321,290**	**$12,617,797**	

	BCC	PMC	Notes:
	$13,224,000	**$12,617,797**	
Adjustments:			
Westbrick	($121,450)		Adjust quantity
Phenolic	($240,560)		Adjust quantity
Fiber Cement	($403,600)		Adjust quantity
ADD CMU Backup	$219,700		
Remove Storefront	($356,800)		
Adjustment	($902,710)	$0	
Total Reconciled	$12,321,290	$12,617,797	

HILLCREST MIDDLE SCHOOL

B30 Roofing

(Home)

	BCC	PMC	
	$6,277,000	**$5,386,215**	
Adjustment	($483,054)	$314,100	
Total Reconciled	**$5,793,946**	**$5,700,315**	

	BCC	PMC	Notes:
	$6,277,000	**$5,386,215**	
Adjustments:			
Adjust Standing Seam	($453,054)	$314,100	Bcc -$7/sf PM&C +$5/sf
Glazed Entry Canopy	($30,000)		BCC -$ 25/sf

HILLCREST MIDDLE SCHOOL

C10 Interior Construction

(Home)

	BCC	PMC	
	$11,439,000	$9,720,915	
Adjustment	($1,331,720)	$134,838	
Total Reconciled	**$10,107,280**	**$9,855,753**	

	BCC	PMC	Notes:
	$11,439,000	$9,720,915	
Adjustments:			
Adjust 1 layer Gyp	($1,052,820)		
Adjust Lockers	($144,900)	$48,300	
Doors	($162,600)		Adjust Unit $
Wall Tacker			
Adjust Hardware Quantity	($57,400)		Reduce by 41 sets
Won Door	$86,000	$86,000	
misc adj		$538	

HILLCREST MIDDLE SCHOOL

C20 Stairs

(Home)

	BCC	PMC	
	$614,000	**$557,080**	
Adjustment	($46,600)	$0	
Total Reconciled	**$567,400**	**$557,080**	

Reconciled Delta:

($10,320)	-2%

	BCC	PMC	Notes:
	$614,000	**$557,080**	
Adjustments:			
Tile	$14,000		Add Tile
Delight Flight Paint	($3,000)		Reduce by 1 flight
Metal Pan Infill	($7,200)		Reduce by 1 flight
Misc Metals	($50,400)		Reduce by 1 flight
Adjustment	($46,600)	$0	
Total Reconciled	$567,400	$557,080	

HILLCREST MIDDLE SCHOOL

C30 Interior Finishes

(Home)

	BCC	PMC	
	$4,550,000	**$4,904,317**	
Adjustment	$278,400	$0	
Total Reconciled	**$4,828,400**	**$4,904,317**	

Reconciled Delta:

$75,917	**2%**

	BCC	PMC	Notes:
	$4,550,000	**$4,904,317**	
Adjustments:			
Add Tile	$198,400		Add 6200 sf
Adjust Painting	($60,000)		
Adjust Gyp Board Ceilings	$140,000		
Adjustment	$278,400	$0	
Total Reconciled	$4,828,400	$4,904,317	

HILLCREST MIDDLE SCHOOL

D10 Conveying

(Home)

	BCC	PMC	
	$461,000	**$484,800**	
Adjustment	$0	$0	
Total Reconciled	**$461,000**	**$484,800**	

Reconciled Delta:

$23,800	**5%**

	BCC	PMC	Notes:
	$461,000	**$484,800**	
Adjustments:			
Adjustment	$0	$0	
Total Reconciled	$461,000	$484,800	

HILLCREST MIDDLE SCHOOL

D20 Plumbing

(Home)

	BCC	PMC	
	$3,607,000	**$4,089,717**	
Adjustment	$427,401	$0	
Total Reconciled	**$4,034,401**	**$4,089,717**	

Reconciled Delta:

$55,316	**1%**

	BCC	PMC	Notes:
	$3,607,000	**$4,089,717**	
Adjustments:			
Gas Distribution	($48,749)		
Add Storm Piping	$476,150		Takeoff Error
Adjustment	$427,401	$0	
Total Reconciled	$4,034,401	$4,089,717	

HILLCREST MIDDLE SCHOOL

D30 HVAC

(Home)

	BCC	PMC	
	$13,998,000	**$14,262,050**	
Adjustment	$475,587	($211,400)	
Total Reconciled	**$14,473,587**	**$14,050,650**	

Reconciled Delta:

($422,937)	-3%

	BCC	PMC	Notes:
	$13,998,000	**$14,262,050**	
Adjustments:			
DOAS	$600,000		Adjusted due to typo in UP
Geowells	$600,000	$600,000	Increase depth to 600' per well
Glycol	($100,000)	($100,000)	Remove Glycol
Pumps	($206,564)		Adjust Pump Qty
Manifold Vault		($20,000)	
Water Source Heat Pump (not yet depicted)		($561,200)	
Controls	($417,849)		Adjust Unit Price
Split Systems Assumed		($30,000)	
Glycol Fill & Chemical Treatment		($60,000)	
Refrigerant Piping		($33,000)	
Pipe Insulation		($7,200)	
Adjustment	$475,587	($211,400)	
Total Reconciled	$14,473,587	$14,050,650	

HILLCREST MIDDLE SCHOOL

D40 Fire Protection

(Home)

	BCC	PMC	
	$1,206,000	**$1,076,343**	
Adjustment	($90,000)	$56,848	
Total Reconciled	**$1,116,000**	**$1,133,191**	

	BCC	PMC	Notes:
	$1,206,000	**$1,076,343**	
Adjustments:			
Reduce Sprinkler Head Cost	($90,000)		Credit $60 per head
Branch Piping		$43,848	Adjusted per foot price
Backflow Preventer		$13,000	

HILLCREST MIDDLE SCHOOL

D50 Electrical

(Home)

	BCC	PMC	
	$10,525,000	**$9,808,137**	
Adjustment	($253,800)	$185,450	
Total Reconciled	**$10,271,200**	**$9,993,587**	

	BCC	PMC	Notes:
	$10,525,000	**$9,808,137**	
Adjustments:			
PV Ready to Base Estimate		$25,000	
2000 Swichboard	$150,000		
Temp Power	($400,000)		
Planetarium Lighting Allowance	$417,100		
Lighting	($420,900)		credit $3 per sf
PV Array Canopy		($50,000)	In Roofing
Lighting Not Depicted In Scope		$70,150	
Allow for FA Devices not depicted		$140,300	Added $1 per sf
Adjustment	($253,800)	$185,450	
Total Reconciled	$10,271,200	$9,993,587	

HILLCREST MIDDLE SCHOOL

E10 Equipment

(Home)

	BCC	PMC	
	$1,194,000	**$1,139,400**	
Adjustment	$227,875	$277,875	
Total Reconciled	**$1,421,875**	**$1,417,275**	

Reconciled Delta:

($4,600)	**0%**

	BCC	PMC	Notes:
	$1,194,000	**$1,139,400**	
Adjustments:			
Gym Bleachers	$50,000	$100,000	
Kitchen Equipment Increase	$177,875	$177,875	
Adjustment	$227,875	$277,875	
Total Reconciled	$1,421,875	$1,417,275	

HILLCREST MIDDLE SCHOOL

E20 Furnishings

(Home)

	BCC	PMC	
	$1,413,000	**$1,327,205**	
Adjustment	($79,600)	$0	
Total Reconciled	**$1,333,400**	**$1,327,205**	

Reconciled Delta:

($6,195)	0%

	BCC	PMC	Notes:
	$1,413,000	**$1,327,205**	
Adjustments:			
Adjust Woodwork	($79,600)		Adjusted Unit Price for Regular Height Millwork
Adjustment	($79,600)	$0	
Total Reconciled	$1,333,400	$1,327,205	

HILLCREST MIDDLE SCHOOL

F10 Special Construction

(Home)

	BCC	PMC	
	$507,000	**$507,350**	
Adjustment	$0	$0	
Total Reconciled	**$507,000**	**$507,350**	

	BCC	PMC	Notes:
	$507,000	**$507,350**	
Adjustments:			
Adjustment	$0	$0	

HILLCREST MIDDLE SCHOOL

F20 Selective Building Demolition

(Home)

	BCC	PMC	
	$1,828,000	**$1,218,500**	
Adjustment	($304,625)	$304,625	
Total Reconciled	**$1,523,375**	**$1,523,125**	

	BCC	PMC	Notes:
	$1,828,000	**$1,218,500**	
Adjustments:			
Reduce Unit to $12.5	($304,625)	$304,625	
Adjustment	($304,625)	$304,625	

HILLCREST MIDDLE SCHOOL

F20A Hazardous Components Abatement

(Home)

	BCC	PMC	
	$3,228,000	**$3,228,640**	
Adjustment	$0	$0	
Total Reconciled	**$3,228,000**	**$3,228,640**	

	BCC	PMC	Notes:
	$3,228,000	**$3,228,640**	
Adjustments:			
Adjustment	$0	$0	

HILLCREST MIDDLE SCHOOL

G10 Site Preparation

(Home)

	BCC	PMC	
	$3,831,000	**$3,258,869**	
Adjustment	($140,000)	($27,811)	
Total Reconciled	**$3,691,000**	**$3,231,058**	

	BCC	PMC	Notes:
	$3,831,000	**$3,258,869**	
Adjustments:			
Temp Heat			
Temp Enclosure			
Stair Tower			
Geothermal Earthwork	($180,000)		
Screen Cut Soils from Building		($34,350)	
Fill From Building		($41,220)	
Fill Imported swell 25%		$163,172	
SDR Pipe E & B		($103,037)	
Sand Bedding		($6,045)	
E & B Geothermal Vault		($2,600)	
Manifold Bedding		($1,001)	
Backfill		($2,730)	
Water Utility Usage	$40,000		
Adjustment	($140,000)	($27,811)	

HILLCREST MIDDLE SCHOOL

G20 Site Improvements

(Home)

	BCC	PMC	
	$6,001,000	**$5,842,845**	
Adjustment	($150,000)	$0	
Total Reconciled	**$5,851,000**	**$5,842,845**	

	BCC	PMC	Notes:
	$6,001,000	**$5,842,845**	
Adjustments:			
Remove Precast Double	($150,000)		
Adjustment	($150,000)	$0	

HILLCREST MIDDLE SCHOOL

G30 Site Mechanical Utilities

(Home)

	BCC	PMC	
	$1,805,000	**$1,593,432**	
Adjustment	$0	$80,545	
Total Reconciled	**$1,805,000**	**$1,673,977**	

	BCC	PMC	Notes:
	$1,805,000	**$1,593,432**	
Adjustments:			
Adjust to 24" RCP		$293,250	
Reduce 24" HDPE due to 24" RCP		($137,400)	
Adjust Field Drains		$90,550	
Remove Copy of Sanitary in Fuel		($180,855)	
Water Meter		$15,000	
Adjustment	$0	$80,545	

HILLCREST MIDDLE SCHOOL

G40 Site Electrical Utilities

(Home)

	BCC	PMC	
	$876,000	**$986,050**	
Adjustment	$0	$0	
Total Reconciled	**$876,000**	**$986,050**	

	BCC	PMC	Notes:
	$876,000	**$986,050**	
Adjustments:			
Adjustment	$0	$0	
Total Reconciled	$876,000	$986,050	

HILLCREST MIDDLE SCHOOL

G90 Other Site Construction

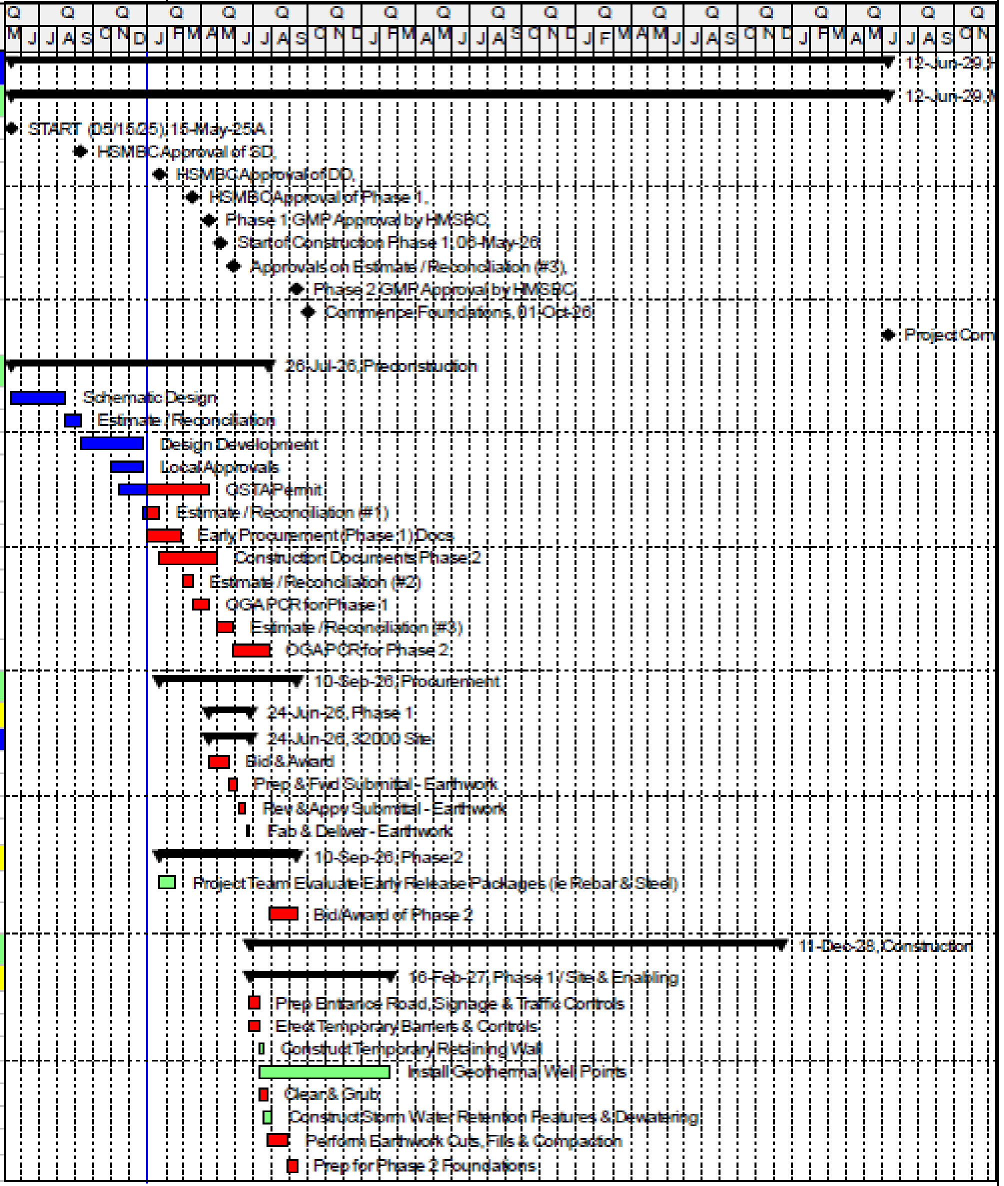
(Home)

	BCC	PMC	
	$876,000	**$986,050**	
Adjustment	$0	$0	
Total Reconciled	**$876,000**	**$986,050**	

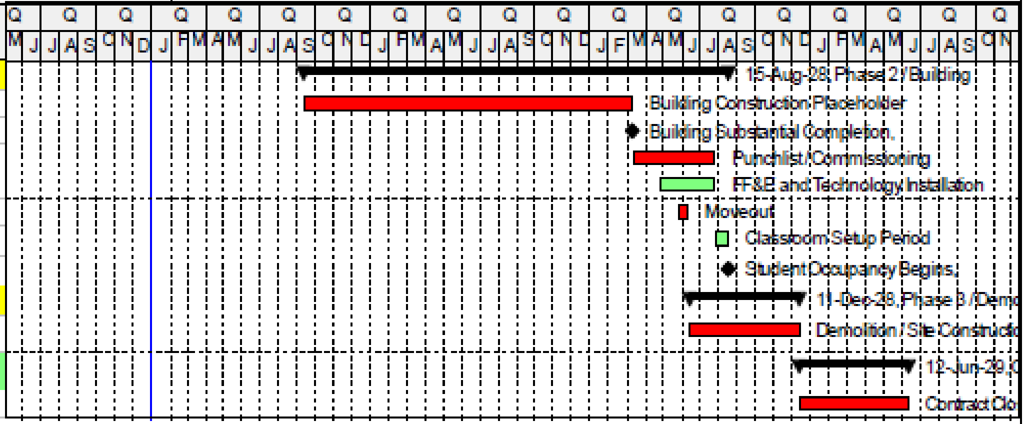
	BCC	PMC	Notes:
	$876,000	**$986,050**	
Adjustments:			
Adjustment	$0	$0	

Project Schedule

Activity ID	Activity Name	OD	Start	Finish	TF
Hillcrest Middle School		1027	15-May-25 A	12-Jun-29	3
Milestones		1027	15-May-25 A	12-Jun-29	3
C1000	START (05/15/25)	0	15-May-25 A		
C2002	HSMBC Approval of SD	0		08-Sep-25 A	
C2007	HSMBC Approval of DD	0		21-Jan-26*	5
C2010	HSMBC Approval of Phase 1	0		17-Mar-26	5
C2013	Phase 1 GMP Approval by HMSBC	0		16-Apr-26	26
C2014	Start of Construction Phase 1	0	06-May-26		26
C2017	Approvals on Estimate / Reconciliation (#3)	0		26-May-26	5
C2020	Phase 2 GMP Approval by HMSBC	0		10-Sep-26	5
C6009	Commence Foundations	0	01-Oct-26		4
C1001	Project Completion (06/15/29)	0		12-Jun-29*	3
Preconstruction		438	15-May-25 A	26-Jul-26	5
C2000	Schematic Design	93	15-May-25 A	15-Aug-25 A	
C2001	Estimate / Reconciliation	24	16-Aug-25 A	08-Sep-25 A	
C2003	Design Development	106	09-Sep-25 A	23-Dec-25 A	
C2004	Local Approvals	53	01-Nov-25 A	23-Dec-25 A	
C2005	OSTA Permit	152	16-Nov-25 A	16-Apr-26	5
C2006	Estimate / Reconciliation (#1)	28	24-Dec-25 A	21-Jan-26	5
C2008	Early Procurement (Phase 1) Docs	58	02-Jan-26*	28-Feb-26	5
C2015	Construction Documents Phase 2	100	21-Jan-26	30-Apr-26	5
C2009	Estimate / Reconciliation (#2)	17	01-Mar-26	17-Mar-26	5
C2011	OGAPCR for Phase 1	30	18-Mar-26	16-Apr-26	5
C2016	Estimate / Reconciliation (#3)	26	01-May-26	26-May-26	5
C2018	OGAPCR for Phase 2	61	27-May-26	26-Jul-26	5
Procurement		163	22-Jan-26	10-Sep-26	3
Phase 1		48	17-Apr-26	24-Jun-26	3
32000 Site		48	17-Apr-26	24-Jun-26	3
1235	Bid & Award	23	17-Apr-26	19-May-26	3
1234	Prep & Fwd Submittal - Earthwork	10	20-May-26	03-Jun-26	3
1236	Rev & Appv Submittal - Earthwork	10	04-Jun-26	17-Jun-26	3
1237	Fab & Deliver - Earthwork	5	18-Jun-26	24-Jun-26	3
Phase 2		163	22-Jan-26	10-Sep-26	3
C2023	Project Team Evaluate Early Release Packages (ie Rebar & Steel)	20	22-Jan-26	18-Feb-26	115
C2019	Bid/Award of Phase 2	46	27-Jul-26	10-Sep-26	5
Construction		621	25-Jun-26	11-Dec-28	3
Phase 1 / Site & Enabling		160	25-Jun-26	16-Feb-27	273
1267	Prep Entrance Road, Signage & Traffic Controls	10	25-Jun-26	09-Jul-26	3
1268	Erect Temporary Barriers & Controls	10	25-Jun-26	09-Jul-26	3
1270	Construct Temporary Retaining Wall	5	10-Jul-26	16-Jul-26	8
1273	Install Geothermal Well Points	150	10-Jul-26	16-Feb-27	273
1274	Clear & Grub	10	10-Jul-26	23-Jul-26	3
1271	Construct Storm Water Retention Features & Dewatering	10	17-Jul-26	30-Jul-26	23
1269	Perform Earthwork Cuts, Fills & Compaction	25	24-Jul-26	27-Aug-26	3
1272	Prep for Phase 2 Foundations	9	28-Aug-26	10-Sep-26	3



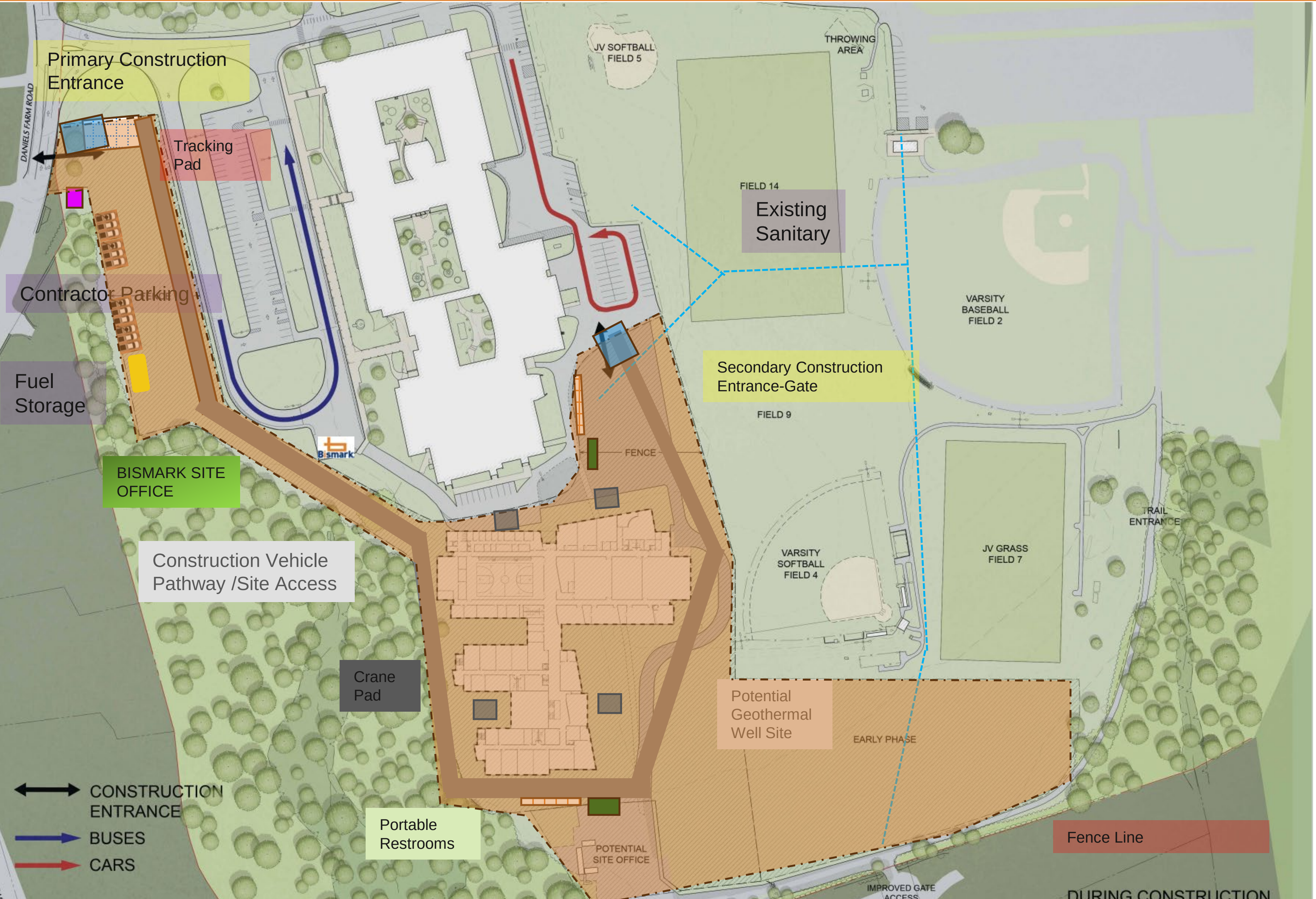
Activity ID	Activity Name	OD	Start	Finish	TF
Phase 2 / Building		486	11-Sep-26	15-Aug-28	84
C6000	Building Construction Placeholder	376	11-Sep-26	10-Mar-28	3
C6001	Building Substantial Completion	0		10-Mar-28	3
C6002	Punchlist / Commissioning	96	13-Mar-28	26-Jul-28	3
C6003	FF&E and Technology Installation	64	26-Apr-28	26-Jul-28	84
C6004	Moveout	10	26-May-28	09-Jun-28	3
C6005	Classroom Setup Period	14	27-Jul-28	15-Aug-28	84
C6006	Student Occupancy Begins	0		15-Aug-28	84
Phase 3 / Demolition/Site Construction		127	12-Jun-28	11-Dec-28	3
C6007	Demolition / Site Construction Placeholder	127	12-Jun-28	11-Dec-28	3
Close Out		128	12-Dec-28	12-Jun-29	3
C6008	Contract Closeout	128	12-Dec-28	12-Jun-29	3



Site Logistics

Preliminary Site Logistics – Existing conditions

Site Logistics – Start Enabling

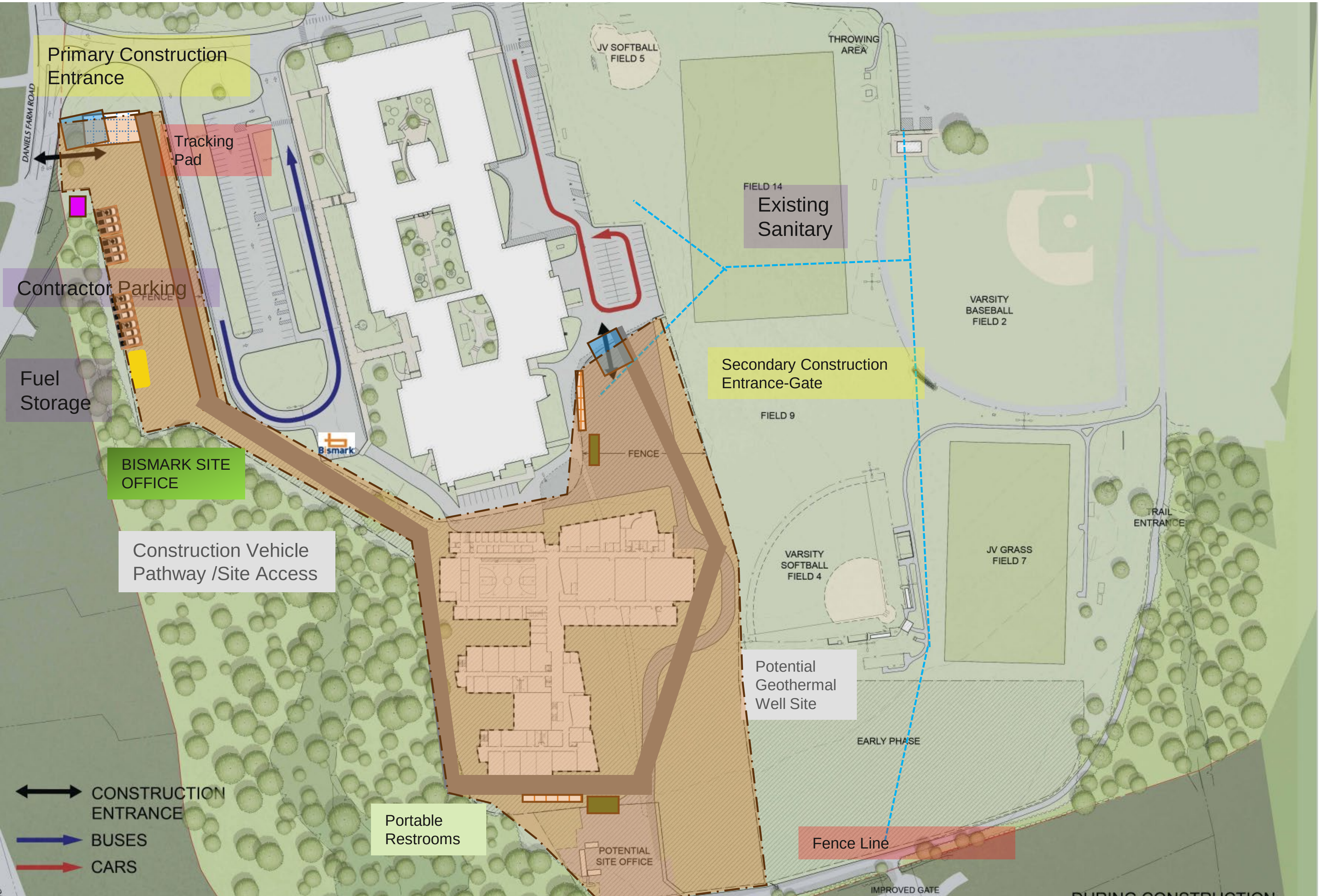


TIMELINE

Site Contract to start week of July 6th 2026

- Establish Perimeter
- Establish Site Access
- Start Geothermal
- Prep Site for Concrete

Site Logistics – Geothermal Wells Complete



TIMELINE

Return “stump” Field June 1st 2027.

Option to sod field to get field For May 1st.

Site Logistics – School Construction Complete

TIMELINE

April 2028

Temp Fence only around Temporary Parking

Partial New Parking lot set. Millings.

Reskin Baseball Field Return And Stump Field Return.

Logistics – Bus Loop (NOT FINAILZED Review with School)

TIMELINE

June 15 2028

Demolition of Old School

Begin Removal of front Parking. Leave main pass for Temporary bus Loop.

Start to establish car drop off entrance And both permeant parking lots.

Logistics: Final Field (NOT FINAILZED Review with School)

TIMELINE

Aug 29 2028

Complete Demolition

Field Reconstruction

Show the civil drawings with Finished parking lot.

1 **Parent DROP OFF**

BUS LOOP

Construction Site

3

Design Development Cost Estimate

Hillcrest Middle School

Trumbull, CT

PM&C LLC
20 Downer Avenue, Suite 5
Hingham, MA 02043
(T) 781-740-8007

Prepared for:

TSKP Studio, LLC

January 21, 2026

Hillcrest Middle School
Trumbull, CT

21-Jan-26

Design Development Cost Estimate

INTRODUCTION

This Design Development cost estimate was produced from drawings and specifications dated December 18, 2025 prepared by TSKP Studio, LLC and their design team. Design and engineering changes occurring subsequent to the issue of these documents have not been incorporated in this estimate.

This estimate includes all direct construction costs, construction manager's overhead, fee and design contingency. Cost escalation assumes start dates indicated.

The estimate is based on prevailing wage rates for construction in this market and represents a reasonable opinion of cost. It is not a prediction of the successful bid from a contractor as bids will vary due to fluctuating market conditions, errors and omissions, proprietary specifications, lack or surplus of bidders, perception of risk, etc. Consequently the estimate is expected to fall within the range of bids from a number of competitive contractors or subcontractors, however we do not warrant that bids or negotiated prices will not vary from the final construction cost estimate.

ITEMS NOT CONSIDERED IN THIS ESTIMATE

Items not included in this estimate are:

- All professional fees and insurance
- Building Permit costs
- Rock excavation
- Land acquisition, feasibility, and financing costs
- All Furnishings, Fixtures and Equipment
- Items identified in the design as Not In Contract (NIC)
- Items identified in the design as by others
- Owner supplied and/or installed items (e.g. draperies, furniture and equipment)
- Utility company back charges, including work required off-site
- Work to City streets and sidewalks, (except as noted in this estimate)

Hillcrest Middle School
Trumbull, CT

21-Jan-26

Design Development Cost Estimate

MAIN CONSTRUCTION COST SUMMARY

	Start Date	Gross Floor Area	$/sf	Estimated Construction Cost
New Construction				
NEW CONSTRUCTION		140,300	$562.10	$78,862,202
DEMOLITION		121,850	$12.50	$1,523,125
REMOVE HAZARDOUS MATERIALS [1]				$3,228,640
SITEWORK				$11,733,930
SUB-TOTAL	Aug-26	140,300	$679.60	$95,347,897
DESIGN AND PRICING CONTINGENCY	5.0%			$4,767,395
CM CONTINGENCY	3.0%			$3,003,459
SUB-TOTAL		140,300	$734.99	$103,118,751
GENERAL CONDITIONS	2.6136%			$2,695,112
ADDITIONAL GENERAL CONDITIONS (REIMBURSABLES & MANAGEMENT SOFTWARE FEE)				$708,440
GENERAL REQUIREMENTS	2.50%			$2,577,969
PERFORMANCE & PAYMENT BOND	0.6173%			$636,552
INSURANCES - GL	1.05%			$1,152,237
STATE EDUCATION PERMIT				$28,831
PERMIT				Excl
SUB-TOTAL				$110,917,892
FEE	1.63%			$1,807,962
ESCALATION TO START (Unit Pricing includes to Midpoint)	3.0%			$3,381,776
TOTAL OF ALL CONSTRUCTION		140,300	$827.57	**$116,107,630**

[1] Langan report Dated September 2, 2025

ALTERNATES (including Markups)

1	PV Array	*ADD*	$2,137,440
2	Folding Partition	*DEDUCT*	($17,995)
3	Solar Shading Devices	*DEDUCT*	($61,488)
4	Parking lot with 40 spaces	*ADD*	$138,953
5	Additional athletic field	*ADD*	$739,536
6	Pickleball Courts	*ADD*	$264,358

PM&C

Hillcrest Middle School
Trumbull, CT

21-Jan-26

Design Development Cost Estimate

GFA 140,300

CONSTRUCTION COST SUMMARY IN CSI FORMAT

	NEW SCHOOL		*SITEWORK*		*TOTAL PROJECT*	
	Subtotal	*Total*	*Subtotal*	*Total*	*Subtotal*	*Total*
NEW SCHOOL BUILDING						
DIV. 2 EXISTING CONDITIONS				**$4,751,765**		**$4,751,765**
024400 Demolition and Abatement			$4,751,765		$4,751,765	
DIV. 3 CONCRETE		**$3,515,783**		**$178,588**		**$3,694,371**
033000 Cast In Place Concrete	$3,515,783		$178,588		$3,694,371	
033500 Concrete Finishes						
DIV. 4 MASONRY		**$5,098,828**				**$5,098,828**
042000 Unit Masonry	$5,098,828				$5,098,828	
DIV. 5 METALS		**$8,251,117**		**$21,000**		**$8,272,117**
051200 Structural Steel Framing	$6,712,659				$6,712,659	
055000 Metal Fabrications	$1,538,458		$21,000		$1,559,458	
DIV. 6 WOODS, PLASTICS & COMPOSITES		**$690,372**				**$690,372**
061000 Rough Carpentry	$311,307				$311,307	
062000 Finish Carpentry	$379,065				$379,065	
DIV. 7 THERMAL & MOISTURE PROTECTION		**$11,936,871**				**$11,936,871**
070001 Waterproofing, Dampproofing and Caulking	$1,104,726				$1,104,726	
070002 Roofing	$5,132,790				$5,132,790	
072100 Thermal Insulation	$758,995				$758,995	
076400 Wall Panels	$4,705,060				$4,705,060	
078100 Applied Fireproofing	$95,000				$95,000	
078400 Firestopping	$140,300				$140,300	
079500 Construction & Expansion Joints						
DIV. 8 DOORS & WINDOWS		**$5,007,358**				**$5,007,358**
080001 Curtainwall/Storefront	$3,673,490				$3,673,490	
080002 Glazing	$470,000				$470,000	
081113 Doors, Frames and Hardware	$745,400				$745,400	
081400 Wood Doors						
083100 Access Doors and Panels	$10,000				$10,000	
083300 Overhead Doors	$108,468				$108,468	
089000 Louvers and Vents						
DIV. 9 FINISHES		**$8,511,615**				**$8,511,615**
090002 Tile	$999,416				$999,416	
090003 Acoustical Tile	$1,275,281				$1,275,281	

Design Development Cost Estimate GFA 140,300

CONSTRUCTION COST SUMMARY IN CSI FORMAT

	NEW SCHOOL		*SITEWORK*		*TOTAL PROJECT*	
	Subtotal	*Total*	*Subtotal*	*Total*	*Subtotal*	*Total*
NEW SCHOOL BUILDING						
090005 Resilient Flooring	$736,082				$736,082	
090007 Painting	$501,116				$501,116	
092900 GWB, Lath and Plastering	$4,107,943				$4,107,943	
096466 Wood Athletic Flooring	$386,271				$386,271	
096700 Fluid Applied Floor	$198,770				$198,770	
096800 Carpet	$104,216				$104,216	
098400 Acoustic Panels	$202,520				$202,520	
099500 Wall Covering						
DIV 10 SPECIALTIES		**$1,029,400**				**$1,029,400**
101100 Markerboards	$393,600				$393,600	
101200 Display Cases	$16,000				$16,000	
101400 Signage	$71,250				$71,250	
102113 Toilet Compartments	$95,400				$95,400	
102228 Folding Partition	$33,600				$33,600	
102813 Toilet Accessories	$63,500				$63,500	
104400 Fire Protection Specialties	$17,950				$17,950	
105113 Metal Lockers	$338,100				$338,100	
109000 Miscellaneous Specialties						
DIV. 11 EQUIPMENT		**$1,267,275**				**$1,267,275**
114000 Foodservice Equipment	$727,875				$727,875	
114500 Appliances	$63,700				$63,700	
116100 Theatre Equipment	$210,000				$210,000	
116623 Gymnasium Equipment	$223,200				$223,200	
119000 Miscellaneous Equipment	$42,500				$42,500	
DIV. 12 FURNISHINGS		**$1,477,205**				**$1,477,205**
122400 Window Shades	$172,720				$172,720	
123000 Casework	$1,154,485				$1,154,485	
124813 Entrance Floor Mats and Frames						
126100 Fixed Audience Seating						
126613 Telescoping Bleachers	$150,000				$150,000	
DIV. 13 SPECIAL CONSTRUCTION		**$507,350**				**$507,350**
130000 Special Construction	$507,350				$507,350	
DIV. 14 CONVEYING SYSTEMS		**$480,000**				**$480,000**
142424 Holeless Hydraulic Elevators	$480,000				$480,000	

PM&C

Hillcrest Middle School
Trumbull, CT

21-Jan-26

Design Development Cost Estimate

GFA 140,300

CONSTRUCTION COST SUMMARY IN CSI FORMAT

	NEW SCHOOL		*SITEWORK*		*TOTAL PROJECT*	
	Subtotal	*Total*	*Subtotal*	*Total*	*Subtotal*	*Total*
NEW SCHOOL BUILDING						
DIV. 21 FIRE SUPPRESSION		**$1,133,191**		**$262,760**		**$1,395,951**
210000 Fire Suppression	$1,133,191		$262,760		$1,395,951	
DIV.22 PLUMBING		**$4,089,717**				**$4,089,717**
220000 Plumbing	$4,089,717				$4,089,717	
DIV. 23 HVAC		**$10,350,650**				**$10,350,650**
230000 HVAC	$10,350,650				$10,350,650	
DIV.26 ELECTRICAL		**$9,993,587**		**$867,650**		**$10,861,237**
260000 Electrical	$9,993,587		$867,650		$10,861,237	
DIV. 31 EARTHWORK		**$1,821,883**		**$3,979,149**		**$5,801,032**
311000 Site Preparation & Clearing			$1,561,386		$1,561,386	
312000 Earthwork	$1,821,883		$2,200,146		$4,022,029	
312500 Erosion Control			$217,617		$217,617	
DIV. 32 EXTERIOR IMPROVEMENTS				**$5,237,069**		**$5,237,069**
320000 Paving, curbing & Edging			$2,872,416		$2,872,416	
323000 Site Improvements						
328400 Irrigation						
329900 Landscaping			$2,364,653		$2,364,653	
DIV. 33 UTILITIES		**$3,700,000**		**$1,187,714**		**$4,887,714**
331000 Water Distribution			$31,455		$31,455	
333000 Sanitary Sewerage			$119,962		$119,962	
334000 Storm Drainage Systems			$1,036,297		$1,036,297	
336000 Geothermal Wells	$3,700,000				$3,700,000	
SUBTOTAL DIRECT (TRADE) COST		**$78,862,202**		**$16,485,695**		**$95,347,897**

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Hillcrest Middle School 21-Jan-26
Trumbull, CT

Design Development Cost Estimate

CONSTRUCTION COST SUMMARY OPTIONS

		BUILDING SYSTEM	*SUB-TOTAL*	*$/SF*
BUILDING SUMMARY			*140,300*	*GSF*
A10	**FOUNDATIONS**			
	A1010	Standard Foundations	$2,241,175	*$15.97*
	A1020	Special Foundations	$0	*$0.00*
	A1030	Lowest Floor Construction	$2,488,468	*$17.74*
A20	**BASEMENT CONSTRUCTION**			
	A2010	Basement Excavation	$0	*$0.00*
	A2020	Basement Walls	$0	*$0.00*
B10	**SUPERSTRUCTURE**			
	B1010	Upper Floor Construction	$3,614,137	*$25.76*
	B1020	Roof Construction	$3,879,385	*$27.65*
B20	**EXTERIOR CLOSURE**			
	B2010	Exterior Walls	$9,111,643	*$64.94*
	B2020	Windows	$3,253,970	*$23.19*
	B2030	Exterior Doors	$252,184	*$1.80*
B30	**ROOFING**			
	B3010	Roof Coverings	$5,695,315	*$40.59*
	B3020	Roof Openings	$5,000	*$0.04*
C10	**INTERIOR CONSTRUCTION**			
	C1010	Partitions	$7,006,389	*$49.94*
	C1020	Interior Doors	$1,114,639	*$7.94*
	C1030	Specialties/Millwork	$1,734,725	*$12.36*
C20	**STAIRCASES**			
	C2010	Stair Construction	$487,000	*$3.47*
	C2020	Stair Finishes	$70,080	*$0.50*
C30	**INTERIOR FINISHES**			
	C3010	Wall Finishes	$1,085,031	*$7.73*
	C3020	Floor Finishes	$1,935,513	*$13.80*
	C3030	Ceiling Finishes	$1,883,773	*$13.43*
D10	**CONVEYING SYSTEMS**			
	D1010	Elevator	$484,800	*$3.46*

Hillcrest Middle School 21-Jan-26
Trumbull, CT

Design Development Cost Estimate

CONSTRUCTION COST SUMMARY OPTIONS

		BUILDING SYSTEM	*SUB-TOTAL*	*$/SF*
BUILDING SUMMARY			*140,300*	*GSF*
D20	**PLUMBING**			
	D20	Plumbing	$4,089,717	*$29.15*
D30	**HVAC**			
	D30	HVAC	$14,050,650	*$100.15*
D40	**FIRE PROTECTION**			
	D40	Fire Protection	$1,133,191	*$8.08*
D50	**ELECTRICAL**			
	D5010	Complete System	$9,993,587	*$71.23*
E10	**EQUIPMENT**			
	E10	Equipment	$1,417,275	*$10.10*
E20	**FURNISHINGS**			
	E2010	Fixed Furnishings	$1,327,205	*$9.46*
	E2020	Movable Furnishings	NIC	
F10	**SPECIAL CONSTRUCTION**			
	F10	Special Construction	$507,350	*$3.62*
F20	**HAZMAT REMOVALS**			
	F2010	Building Elements Demolition	$0	*$0.00*
	F2020	Hazardous Components Abatement	$0	*$0.00*
TOTAL DIRECT COST (Trade Costs)			***$78,862,202***	*$562.10*

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Hillcrest Middle School 21-Jan-26
Trumbull, CT

Design Development Cost Estimate GFA 140,300

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	GROSS FLOOR AREA CALCULATION						
	Level 1			32,102			
	Level 2			81,347			
	Level 3			26,851			
	TOTAL GROSS FLOOR AREA (GFA)				**140,300** ***sf***		
A10	***FOUNDATIONS***						
A1010	**STANDARD FOUNDATIONS**						
033000	*CONCRETE*						
	Strip Footings	*448*	*CY*	$711 /cy			
	Foundation Walls	*324*	*CY*	$1,541 /cy			
	Spread Footings	*587*	*CY*	$772 /cy			
	Piers	*61*	*CY*	$2,248 /cy			
	Total Foundation Concrete	*1,420*	*CY*				
	Strip Footing						
	Formwork	**5,898**	sf	18.00	106,164		
	Re-bar	**34,495**	lbs.	2.00	68,990		
	Concrete material	**448**	cy	190.00	85,120		
	Placing concrete	**448**	cy	130.00	58,240		
	Foundation Wall						
	Formwork	**14,330**	sf	21.00	300,930		
	Re-bar	**37,260**	lbs.	2.00	74,520		
	Concrete material	**324**	cy	190.00	61,560		
	Placing concrete	**324**	cy	130.00	42,120		
	Form shelf	**2,000**	lf	10.00	20,000		
	Retaining Wall						
	Formwork	**6,720**	sf	23.00	154,560		
	Re-bar	**33,600**	lbs.	2.00	67,200		
	Concrete material	**261**	cy	190.00	49,590		
	Placing concrete	**261**	cy	130.00	33,930		
	Spread Footings						
	Formwork	**7,870**	sf	18.00	141,660		
	Re-bar	**48,114**	lbs.	2.00	96,228		
	Concrete material	**587**	cy	190.00	111,530		
	Placing concrete	**587**	cy	130.00	76,310		
	Set anchor bolts grout plates	**183**	ea	150.00	27,450		
	Piers/Pilasters						
	Formwork	**3,120**	sf	24.00	74,880		
	Re-bar	**21,350**	lbs	2.00	42,700		
	Concrete material	**61**	cy	190.00	11,590		
	Placing concrete	**61**	cy	130.00	7,930		
	Elevator pits; complete	**1**	ea	40,000.00	40,000		
070001	*WATERPROOFING, DAMPPROOFING AND CAULKING*						
	Dampproofing at foundation walls	**11,360**	sf	3.00	34,080		
	Waterproofing at retaining wall	**3,360**	sf	12.00	40,320		
072100	*THERMAL INSULATION*						
	Insulation at foundation walls	**11,360**	sf	4.00	45,440		
312000	*EARTHWORK*						
	Strip Footings/Grade Beams						
	Excavate and store for reuse	**1,698**	cy	15.00	25,470		
	Backfill with selected existing material	**1,545**	cy	25.00	38,625		
	Spread Footings						
	Excavate and store for reuse	**3,988**	cy	15.00	59,820		
	Backfill with selected existing material	**3,401**	cy	25.00	85,025		
	SOIL DISPOSAL - conversion factor 1.7 to tons						
	Load excess soils for disposal	**740**	cy	2.00	1,480		
	Clean non-regulated	**1,258**	tn	11.00	13,838		
	Miscellaneous						

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Gravel fill beneath footings, 12"	**675**	cy	65.00	43,875		
	Perimeter drain				NR		
	Temporary dewatering for foundation work	**1**	ls	50,000.00	50,000		
	Ledge removal allowance	**1**	ls	50,000.00	50,000		
	SUBTOTAL					2,241,175	
A1020	**SPECIAL FOUNDATIONS**						
	Special Foundations				NR		
	SUBTOTAL					-	
A1030	**LOWEST FLOOR CONSTRUCTION**						
033000	*CONCRETE*						
	Slab on grade	*83,565*	*sf*				
	WWF reinforcement	**96,100**	sf	1.85	177,785		
	Concrete - 5" thick	**1,332**	cy	190.00	253,080		
	Placing concrete	**1,332**	cy	90.00	119,880		
	Barrier one				NR		
	Finishing and curing concrete	**83,565**	sf	4.00	334,260		
	Control joints - saw cut	**83,565**	sf	0.10	8,357		
	Vapor barrier, 15mils	**83,565**	sf	1.25	104,456		
	Miscellaneous						
	Equipment pads	**1**	ls	15,000.00	15,000		
	Loading Dock						
	Loading dock	**540**	sf	35.00	18,900		
	Premium for ramp	**120**	sf	25.00	3,000		
072100	*THERMAL INSULATION*						
	Under slab insulation				NR		
312000	*EARTHWORK*						
	Cut	**2,091**	cy	10.00	20,910		
	Stockpile for reuse	**2,091**	cy	2.50	Assumed NR		
	Fill - imported structural fill swell 25%	**18,233**	cy	60.00	1,093,980		
	SOIL DISPOSAL - conversion factor 1.7 to tons						
	Load excess soils for disposal	**2,091**	cy	2.00	4,182		
	Clean non-regulated	**3,555**	tn	11.00	39,105		
	Miscellaneous						
	Gravel base, 12"	**3,095**	cy	55.00	170,225		
	Compact existing sub-grade	**83,565**	sf	0.50	41,783		
	Underslab E&B for plumbing	**83,565**	sf	1.00	83,565		
	Radon mitigation, allow				NR		
	SUBTOTAL					2,488,468	
	TOTAL - FOUNDATIONS						**$4,729,643**
A20	***BASEMENT CONSTRUCTION***						
A2010	**BASEMENT EXCAVATION**						
	No Work in this section						
	SUBTOTAL					-	
A2020	**BASEMENT WALLS**						
	No Work in this section						
	SUBTOTAL					-	
	TOTAL - BASEMENT CONSTRUCTION						
B10	***SUPERSTRUCTURE***						
		14.6	*lbs/sf*				
B1010	**FLOOR CONSTRUCTION**	*1,023*	*tns*	including canopies			
		$6,562	*$/Ton*				
033000	*CONCRETE*						
	WWF reinforcement	**65,245**	sf	1.85	120,703		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Concrete fill to metal deck; normal weight, total thickness 5"	**927**	cy	190.00	176,130		
	Place and finish concrete	**56,735**	sf	4.50	255,308		
	Rebar to decks	**17,021**	lbs	2.00	34,042		
	Concrete to mezzanine deck, 3"	**1,210**	sf	8.00	9,680		
051200	*STRUCTURAL STEEL FRAMING*						
	Beams	**270**	tns	5,000.00	1,350,000		
	Columns	**168**	tns	5,000.00	840,000		
	Bracing	**20**	tns	5,000.00	100,000		
	Bent plates, misc angles	**28**	tns	5,000.00	140,000		
	Shear studs	**14,184**	ea	3.50	49,644		
	Moment connections	**193**	ea	750.00	144,750		
	2" metal galvanized floor deck	**56,735**	sf	6.00	340,410		
	Mezzanine space - 9/16" 20 GA form deck	**1,210**	sf	7.00	8,470		
078100	*FIREPROOFING/FIRESTOPPING*						
	Fire proofing - minor areas	**1**	ls	20,000.00	20,000		
	Intumescent paint	**1**	ls	25,000.00	25,000		
	SUBTOTAL					3,614,137	
B1020	**ROOF CONSTRUCTION**						
033000	*CONCRETE*						
	Concrete at mechanical equipment pads	**10,000**	sf	9.00	90,000		
051200	*STRUCTURAL STEEL FRAMING*						
	Beams	**365**	tns	5,000.00	1,825,000		
	Bar joists	**85**	tns	5,000.00	425,000		
	Trusses	**32**	tns	5,000.00	160,000		
	Bent plates, misc angles	**47**	tns	5,000.00	235,000		
	Canopy framing, AESS w/ custom color galv. coating	**8**	tns	10,000.00	80,000		
	Moment connections	**259**	ea	750.00	194,250		
	Premium for AESS	**1**	ls	50,000.00	50,000		
	<u>Decking</u>						
	1-1/2" galvanized metal deck, typical	**93,350**	sf	6.00	560,100		
	Premium for 3" acoustic (Gym, Auxiliary Gym + Café)	**30,005**	sf	7.00	210,035		
078100	*FIREPROOFING/FIRESTOPPING*						
	Fire proofing - minor areas	**1**	ls	50,000.00	50,000		
	SUBTOTAL					3,879,385	
	TOTAL - SUPERSTRUCTURE						**$7,493,522**
B20	***EXTERIOR CLOSURE***						
B2010	**EXTERIOR WALLS**	*79,015*	Total closure area				
	Exterior Wall Area	*63,135*	*sf total area solid*				
042000	*MASONRY*						
	Mockup	**1**	ls	50,000.00	50,000		
	Westbricks, decorative CMU	**16,995**	sf	55.00	934,725		
	Miscellaneous flashings and sealants	**63,135**	sf	1.50	94,703		
	CMU backup, 8"	**3,145**	sf	43.50	136,808		
	CMU backup, 12"	**1,825**	sf	48.00	87,600		
	Staging to exterior wall	**16,995**	sf		incl		
055000	*MISC. METALS*						
	Misc. metals at masonry including loose lintels (relieving angles included in steel tns)	**16,995**	sf	1.50	25,493		
070001	*WATERPROOFING, DAMPPROOFING AND CAULKING*						
	Air barrier, fluid applied	**63,135**	sf	8.50	536,648		
	Miscellaneous sealants to closure	**63,135**	sf	2.00	126,270		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Control joints	**1**	ls	25,000.00	25,000		
072100	*THERMAL INSULATION*						
	Batt insulation, 6"	**58,165**	sf	5.00	290,825		
	Insulation, mineral wool; 3"	**63,135**	sf	6.00	378,810		
	Insulation at glazed openings	**7,320**	lf	6.00	43,920		
076400	*CLADDING*						
	Phenolic wall panel, Trespa	**5,900**	sf	85.00	501,500		
	Fiber cement panels, Cementbrit	**31,550**	sf	85.00	2,681,750		
	Formed metal wall panels, aluminum	**2,600**	sf	90.00	234,000		
	Fascia panels, aluminum	**6,090**	sf	90.00	548,100		
	Soffit panels, fiber cement	**8,120**	sf	90.00	730,800		
	Equipment Screen				NR		
092900	*GYPSUM BOARD ASSEMBLIES*						
	6"-10" Stud backup	**58,165**	sf	18.00	1,046,970		
	Gypsum Sheathing	**58,165**	sf	3.50	203,578		
	Drywall lining to interior face of stud backup	**58,165**	sf	4.50	261,743		
	Soffit framing	**8,120**	sf	20.00	162,400		
101400	*SIGNAGE*						
	Exterior signage	**1**	ls	10,000.00	10,000		
	SUBTOTAL					9,111,643	
B2020	**WINDOWS**						
	Exterior Wall Area	*15,880*	sf				
061000	*ROUGH CARPENTRY*						
	Wood blocking at openings	**7,320**	lf	10.00	73,200		
070001	*WATERPROOFING, DAMPPROOFING AND CAULKING*						
	Air barrier/flashing at windows	**7,320**	lf	10.00	73,200		
	Backer rod & double sealant	**7,320**	lf	11.00	80,520		
080001	*METAL WINDOWS/CURTAINWALL*						
	Double glazing, 1" w/ integral impact resistant film						
	Aluminum windows/storefront, double glazed				NIC		
	Curtainwall, double glazed	**15,880**	sf	185.00	2,937,800		
	Premium for 8" vertical cap	**450**	lf	25.00	11,250		
	Premium for laminated glass	**920**	sf	30.00	27,600		
	Sunshades						
	Horizontal, 2'	**252**	lf	200.00	50,400		
089000	*LOUVERS*						
	Louvers				N/A		
	SUBTOTAL					3,253,970	
B2030	**EXTERIOR DOORS**						
061000	*ROUGH CARPENTRY*						
	Wood blocking at openings	**34**	lf	20.00	680		
079200	*JOINT SEALANTS*						
	Backer rod & double sealant	**34**	lf	11.00	374		
081110	*HOLLOW METAL*						
	Single frame	**2**	ea	500.00	1,000		
	Door leaf	**2**	ea	600.00	1,200		
084110	*ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS*						
	Glazed aluminum entrance doors including frame and hardware; double	**13**	pr	16,000.00	208,000		
	Glazed aluminum entrance doors including frame and hardware; single	**3**	ea	8,000.00	24,000		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
083300	*SPECIALTY DOORS*						
	Overhead door; 7' x 9'	**1**	ea	6,930.00	6,930		
087100	*DOOR HARDWARE*						
	Hardware to exterior door	**2**	ea	1,800.00	3,600		
	Auto openers - allow	**1**	ea	6,000.00	6,000		
090007	*PAINTING*						
	Paint door and frame	**2**	ea	200.00	400		
	SUBTOTAL					252,184	
	TOTAL - EXTERIOR CLOSURE						**$12,617,797**
B30	***ROOFING***						
055000	*MISCELLANOUS METALS*						
	Roof ladder	**3**	ea	5,000.00	15,000		
061000	*ROUGH CARPENTRY*						
	Rough carpentry and blocking @ roof	**93,350**	sf	1.50	140,025		
070002	*ROOFING AND FLASHING*	**93,350**	total area				
	EPDM, complete	**30,530**	sf	28.00	854,840		
	Standing seam metal roofing, aluminum	**62,820**	sf	65.00	4,083,300		
	<u>Miscellaneous Roofing</u>						
	Roof edge	**3,535**	lf	25.00	88,375		
	Snow guard	**425**	lf	75.00	31,875		
	Integrated gutter	**495**	lf	120.00	59,400		
	Walk pads	**1**	ls	10,000.00	10,000		
080001	*METAL WINDOWS/CURTAINWALL*						
	Glazed entrance canopy - Laminated glass panels w/ integrated PV cells	**1,100**	sf	375.00	412,500		
	SUBTOTAL					5,695,315	
B3020	**ROOF OPENINGS**						
	Roof hatch	**1**	ea	5,000.00	5,000		
	SUBTOTAL					5,000	
	TOTAL - ROOFING						**$5,700,315**
C10	***INTERIOR CONSTRUCTION***						
C1010	**PARTITIONS**						
042000	*MASONRY*						
	C04 - 4" CMU	**182**	sf	34.00	6,188		
	C06 - 6" CMU	**210**	sf	38.00	7,980		
	C08 - 8" CMU	**77,132**	sf	43.50	3,355,242		
	C10 - 10" CMU	**3,332**	sf	45.00	149,940		
	C12 - 12" CMU	**1,654**	sf	48.00	79,392		
	Premium for ground faced to 9'-4"	**39,250**	sf	5.00	196,250		
055000	*MISC. METALS*						
	Seismic clips	**1,285**	ea	300.00	385,500		
	Misc. metals at masonry	**82,510**	sf	1.50	123,765		
061000	*ROUGH CARPENTRY*						
	Backer panels in electrical closets	**1**	ls	10,000.00	10,000		
	Wood blocking at interiors	**140,300**	gsf	0.50	70,150		
078400	*FIREPROOFING/FIRESTOPPING*						
	Fire stopping including slab edges and core	**140,300**	gsf	1.00	140,300		
070001	*WATERPROOFING, DAMPPROOFING AND CAULKING*						

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Miscellaneous sealants throughout building	**140,300**	gsf	1.25	175,375		
084110	*ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS*						
	Interior storefront	*2,188*	*sf*				
	SF1 - Vestibule	**40**	sf	130.00	5,200		
	SF2 - Aux Gym	**150**	sf	130.00	19,500		
	SF3 - Gym	**420**	sf	130.00	54,600		
	SF4 - Library/Media	**565**	sf	130.00	73,450		
	SF05 - Flex	**60**	sf	130.00	7,800		
	SF06 - Flex	**115**	sf	130.00	14,950		
	SF7 - Library/Media	**525**	sf	130.00	68,250		
	SF08 - Flex	**55**	sf	130.00	7,150		
	SF09 - Flex	**80**	sf	130.00	10,400		
	SF10 - Maker Space & Multi-media	**108**	sf	130.00	14,040		
	SF11 - L2 Connector	**40**	sf	130.00	5,200		
	SF12 - L2 Connector	**30**	sf	130.00	3,900		
	Transaction window	**1**	ea	5,000.00	5,000		
092900	*GYPSUM BOARD ASSEMBLIES*						
	M21 - 1-5/8" MS, 1 layer GWB o/s	**23,172**	sf	8.75	202,755		
	M31 - 2-1/2" MS, 1 layer GWB o/s	**9,662**	sf	8.75	84,543		
	M41 - 3-5/8" MS, 1 layer GWB o/s, insulation	**14,374**	sf	12.25	176,082		
	M42 - 3-5/8" MS, 1 layer GWB b/s, insulation	**8,074**	sf	17.00	137,258		
	M43 - 3-5/8" MS, 1 layer GWB o/s, 2 layers o/s, insulation	**59,592**	sf	19.25	1,147,146		
	M44 - 3-5/8" MS, 2 layers GWB b/s, insulation	**2,604**	sf	21.50	55,986		
	M62 - 6" MS, 1 layer GWB b/s, insulation	**3,626**	sf	20.00	72,520		
	M63 - 6" MS, 1 layer GWB o/s, 2 layers o/s, insulation	**2,562**	sf	23.25	59,567		
	Premium for finish at Dry Erase wall covering	**9,482**	sf	5.00	47,410		
102228	*FOLDING PARTITION*						
	Folding partition at Flex classroom	**280**	sf	120.00	33,600		
	SUBTOTAL					7,006,389	
C1020	**INTERIOR DOORS**						
061000	*ROUGH CARPENTRY*						
	Wood blocking at openings	**4,313**	lf	4.00	17,252		
070001	*WATERPROOFING, DAMPPROOFING AND CAULKING*						
	Backer rod & double sealant	**4,313**	lf	3.00	12,939		
081110	*DOORS AND FRAMES*						
	Hollow metal frames, single	**189**	ea	450.00	85,050		
	Hollow metal frames, double	**55**	ea	600.00	33,000		
	Flush door	**299**	leaf	650.00	194,350		
	Premium for vision panel	**9**	leaf	100.00	900		
	Premium for 2 glazed panels	**18**	leaf	250.00	4,500		
	Premium for acoustic gasketing	**1**	ls	10,000.00	10,000		
	Hollow metal frames for side lights	**1,050**	sf	40.00	42,000		
080002	*GLASS AND GLAZING*						
	Glass in HM frames	**1,050**	sf	50.00	52,500		
083110	*ACCESS DOORS AND FRAMES*						
	Access doors	**1**	ls	10,000.00	10,000		
083300	*SPECIALTY DOORS*						
	Overhead coiling grille; allow	**1**	ea	15,000.00	15,000		
	Won door, 21'-6" x 11'-6"	**1**	ea	86,537.50	86,538		
084110	*ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS*						
	Glazed aluminum doors including frame and hardware; double	**10**	pr	13,000.00	130,000		
087100	*DOOR HARDWARE*						

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Hardware to doors	**299**	set	1,200.00	358,800		
	Premium auto openers	**1**	ea	5,000.00	5,000		
090007	*PAINTING*						
	Finish doors and frames	**299**	ea	190.00	56,810		
	SUBTOTAL					1,114,639	
C1030	**SPECIALTIES / MILLWORK**						
055000	*MISCELLANEOUS METALS*						
	Railing at open to below areas and stair openings	**118**	lf	500.00	59,000		
	Ramp handrails	**118**	lf	500.00	59,000		
	Miscellaneous metals complete	**140,300**	gsf	3.00	420,900		
064100	*FINISH CARPENTRY*						
	Window sills, P'lam w/ wood edge	**1,830**	lf	65.00	118,950		
	Admin reception desk	**1**	ls	12,000.00	12,000		
	Library/media center desk	**1**	ls	22,000.00	22,000		
	Staff Mailbox	**20**	lf	1,200.00	24,000		
	Wood trim, 1" x 2"	**2,205**	lf	15.00	33,075		
101100	*VISUAL DISPLAY SURFACES*						
	Markerboard	**1,328**	sf	30.00	39,840		
	Dry erase wall surface	**9,482**	sf	30.00	284,460		
	Tackboards	**1,008**	sf	25.00	25,200		
	Tack strip	**2,205**	lf	20.00	44,100		
	Interactive flat panel displays, by owner				By Owner		
101200	*DISPLAY CASES*						
	Display cases	**20**	lf	800.00	16,000		
101400	*SIGNAGE*						
	Building directory	**1**	loc	3,000.00	3,000		
	Room Signs	**255**	ea	150.00	38,250		
	Misc. signage	**1**	ls	20,000.00	20,000		
102110	*TOILET COMPARTMENTS - SOLID PLASTIC*						
	ADA	**17**	ea	1,800.00	30,600		
	Standard	**33**	ea	1,600.00	52,800		
	Urinal screen	**15**	ea	800.00	12,000		
102800	*TOILET ACCESSORIES - STAINLESS STEEL*						
	Gang bathroom	**14**	rms	3,000.00	42,000		
	Individual toilet rooms	**19**	rms	1,000.00	19,000		
	Custodian	**5**	rms	500.00	2,500		
104400	*FIRE PROTECTION SPECIALTIES*						
	Fire extinguisher cabinets	**47**	ea	350.00	16,450		
	AED cabinets	**1**	ls	1,500.00	1,500		
105113	*LOCKERS*						
	Corridor lockers, double stack; 18" wide	**830**	opes	350.00	290,500		
	Double tier, kitchen	**8**	opes	350.00	2,800		
	Changing rooms, 2-tier	**128**	opes	350.00	44,800		
	SUBTOTAL					1,734,725	
	TOTAL - INTERIOR CONSTRUCTION						**$9,855,753**
C20	***STAIRCASES***						
C2010	**STAIR CONSTRUCTION**						

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
033000	*CONCRETE*						
	Concrete to stairs	**7**	flt	6,000.00	42,000		
055000	*MISCELLANEOUS METALS*						
	Stair 1	**2**	flt	70,000.00	140,000		
	Stairs 2 and 3	**4**	flt	60,000.00	240,000		
	Stair 4	**1**	flt	65,000.00	65,000		
	SUBTOTAL					487,000	
C2020	**STAIR FINISHES**						
090002	*TILE*						
	Stair 1	**352**	lfr	40.00	14,080		
090005	*RESILIENT FLOORS*						
	Rubber tile at stairs	**245**	sf	24.00	5,880		
	Rubber tile at stairs - treads & risers	**728**	lfr	40.00	29,120		
090007	*PAINTING*						
	High performance paint to staircases and railings	**7**	flt	3,000.00	21,000		
	SUBTOTAL					70,080	
	TOTAL - STAIRCASES						**$557,080**
C30	***INTERIOR FINISHES***						
C3010	**WALL FINISHES**						
064020	*INTERIOR ARCHITECTURAL WOODWORK*						
	Wood paneling to corridors	**714**	sf	90.00	64,260		
	Wood paneling to proscenium at platform, allow	**168**	sf	90.00	15,120		
	Wood paneling to front of platform, 1' high, allow	**49**	sf	90.00	4,410		
	Wood slat wall to Tech eng	**189**	sf	90.00	17,010		
	Allow for additional wood paneling	**1**	ls	20,000.00	20,000		
	RFP wall finish at Kitchen	**3,216**	sf	15.00	48,240		
076400	*CLADDING*						
	Standing seam metal to corridors	**99**	sf	90.00	8,910		
090002	*TILE*						
	Gang bathroom, 8'	**8,352**	sf	34.00	283,968		
	Single bathroom, 8'	**4,216**	sf	34.00	143,344		
	Spec ed laundry, 4'	**128**	sf	34.00	4,352		
	Janitors closet, 4'	**472**	sf	34.00	16,048		
090007	*PAINTING*						
	Paint to GWB walls	**232,460**	sf	0.95	220,837		
	Paint to CMU walls	**80,743**	sf	1.20	96,892		
	Allow for Vinyl graphics	**1**	ls	20,000.00	20,000		
098400	*ACOSUSTIC ROOM COMPONENTS*						
	Acoustic panels - Choral, Band, Orchestra	**592**	sf	45.00	26,640		
	Acoustic panels - Black box, allow	**1**	ls	25,000.00	25,000		
	Acoustic panels - Media, allow	**1**	ls	20,000.00	25,000		
	Acoustic panels - Gym/aux gym, allow	**1**	ls	35,000.00	45,000		
	SUBTOTAL					1,085,031	
C3020	**FLOOR FINISHES**						
090002	*TILE*						
	Porcelain tile to WC's in admin area	**104**	sf	36.00	3,744		
	Porcelain tile to corridors	**8,743**	sf	36.00	314,748		
	Porcelain tile to cafeteria	**4,553**	sf	36.00	163,908		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Porcelain tile base	**1,534**	lf	36.00	55,224		
090005	*RESILIENT FLOORS*						
	Linoleum	**76,773**	sf	8.00	614,184		
	Rubber flooring	**1,097**	sf	16.00	17,552		
	WRF - Weight room floor	**387**	sf	18.00	6,966		
	Rubber base	**15,595**	lf	4.00	62,380		
090007	*PAINTING*						
	Sealed concrete	**3,020**	sf	2.50	7,550		
096560	*WOOD FLOORING*						
	Wood athletic flooring at Gym & Auxiliary Gym	**9,179**	sf	36.00	330,444		
	Stage flooring system on wood sleepers	**1,827**	sf	26.00	47,502		
	Steel ventilated angle base	**555**	lf	15.00	8,325		
096700	*FLUID APPLIED FLOORING*						
	Poured epoxy w/ integral base	**9,035**	sf	22.00	198,770		
096820	*CARPETING+ WOM*						
	CPT - Carpet tile	**4,065**	sf	8.00	32,520		
	CPT-2 - Carpet tile	**2,161**	sf	8.00	17,288		
	CPT-3 - Carpet tile	**4,426**	sf	8.00	35,408		
	Recessed entry mat	**200**	sf	95.00	19,000		
	SUBTOTAL					1,935,513	
C3030	**CEILING FINISHES**						
090003	*ACOUSTICAL TILE*						
	ACT, 2' x 2'	**54,873**	sf	7.00	384,111		
	ACT, kitchen zone	**2,095**	sf	8.00	16,760		
	ACT, 2' x 4'	**17,370**	sf	6.50	112,905		
	ACT, 2' x 4', cloud	**2,161**	sf	20.00	43,220		
	Vert trim/band at cloud	**592**	lf	15.00	8,880		
	Wood ceiling	**3,171**	sf	60.00	190,260		
	Wood ceiling, sloped, caf, media	**6,087**	sf	80.00	486,960		
	Vert trim/band at wood ceiling	**479**	lf	15.00	7,185		
	Allow for Clouds, features, etc.	**1**	ls	25,000.00	25,000		
090007	*PAINTING*						
	Paint to GWB ceilings	**19,432**	sf	1.00	19,432		
	Paint all exposed structure, deck & mep/fp systems	**23,278**	sf	2.50	58,195		
092900	*GYPSUM BOARD ASSEMBLIES*						
	GWB ceiling	**6,761**	sf	16.00	108,176		
	Acoustic insulation above clouds in band, choral, orch, allow	**3,112**	sf	7.50	23,340		
	GWB soffits, horizontal	**10,063**	sf	18.00	181,134		
	GWB soffits, sloped	**1,330**	sf	20.00	26,600		
	GWB soffits, vertical	**5,089**	sf	20.00	101,780		
	GWB light pocket at WC, 4" x 4"	**398**	lf	22.50	8,955		
	GWB soffit at corridor lockers 1' horz x 6' vert, presume NR	**417**	lf		NR		
098400	*ACOSUSTIC ROOM COMPONENTS*						
	Acoustic panels, Blackbox	**2,022**	sf	40.00	80,880		
	SUBTOTAL					1,883,773	
	TOTAL - INTERIOR FINISHES						**$4,904,317**
D10	***CONVEYING SYSTEMS***						
D1010	**ELEVATOR**						
055000	*MISCELLANEOUS METALS*						
	Pit ladder and miscellaneous metals	**2**	ea	900.00	1,800		
	Sill angles	**1**	ls	3,000.00	3,000		

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
		BUILDING BACKUP						
570								
571	*142100*	*ELEVATOR*						
572		Elevator, 3 stop	**2**	ea	240,000.00	480,000		
573		SUBTOTAL					484,800	
574								
575		***TOTAL - CONVEYING SYSTEMS***						**$484,800**
576								
577								
578	***D20***	***PLUMBING***						
579								
580	**D20**	**PLUMBING, GENERALLY**						
581		Equipment						
582		4" Water service entrance	**1**	ea	7,500.00	7,500		
583		Water meter assembly	**1**	ea	4,000.00	4,000		
584		Sub meters allowance	**1**	ls	1,500.00	1,500		
585		Reduced pressure backflow preventer assembly, 4"	**1**	ea	6,500.00	6,500		
586		RP backflow preventer: non potable, 2"	**1**	ea	2,250.00	2,250		
587		DWH-1; Domestic water heater, heat recovery vented heat exchanger - 598.5 gallons - Based on quote PRO-1911A from NEAP	**1**	ea	176,000.00	176,000		
588		ST-1,3,3; Hot water storage tank; 257 gallon	**3**	ea	14,000.00	42,000		
589		Expansion Tank; domestic water & non potable	**2**	ea	5,500.00	11,000		
590		Heat exchanger - assumed	**1**	ea	30,000.00	30,000		
591		CP-1; Domestic hot water circulator pump, 20gpm	**1**	ea	7,500.00	7,500		
592		CP-2; Non potable hot water circulator pump, 10gpm	**1**	ea	6,200.00	6,200		
593		CP-3; Tempered water circulator pump, 12gpm	**1**	ea	6,500.00	6,500		
594		TMV-1,2; Mixing valves - domestic water	**2**	ea	7,500.00	15,000		
595		EMV-1; Emergency mixing valve - domestic water	**1**	ea	3,000.00	3,000		
596		Elevator sump pumps w/ oil interceptor	**2**	ea	13,500.00	27,000		
597		OI-1; Oil interceptor for CTE workshop, 57gallon	**1**	ea	7,000.00	7,000		
598		RD-1; Primary roof drains	**17**	ea	1,500.00	25,500		
599		ORD-1; Overflow roof drains	**17**	ea	1,500.00	25,500		
600		DSN; Downspout nozzles	**7**	ea	350.00	2,450		
601		GT-1,2; Interior grease interceptor	**2**	ea	7,500.00	15,000		
602		Exterior grease interceptor - assumed	**1**	ea	20,000.00	20,000		
603		Rough-in & connection to kitchen equipment	**1**	ls	25,000.00	25,000		
604		Floor drains/sinks	**39**	ea	900.00	35,100		
605		Trap primer	**39**	ea	700.00	27,300		
606		Misc equipment to be added through design development	**140,300**	sf	1.00	140,300		
607		Plumbing Fixtures & Specialties						
608		WC-1,2; Water closet	**68**	ea	1,950.00	132,600		
609		U-1,2; Urinal	**23**	ea	1,800.00	41,400		
610		L-1; Lavatory	**19**	ea	1,600.00	30,400		
611		L-2; Lavatory - 2bay	**12**	ea	4,300.00	51,600		
612		L-3; Lavatory - 3bay	**16**	ea	6,000.00	96,000		
613		ES-1; Emergency shower	**8**	ea	2,500.00	20,000		
614		SK; Sink - general	**11**	ea	1,900.00	20,900		
615		SK; Science sink install, w/ NT-1 point of use neutralization tank	**53**	ea	2,500.00	132,500		
616		SK; Art sink, w/ SI-1 sediment interceptor	**6**	ea	2,500.00	15,000		
617		MSB-1; Mop sink	**3**	ea	1,800.00	5,400		
618		EWC-1; Electric water cooler	**8**	ea	4,300.00	34,400		
619		HB-1; hose bibb	**16**	ea	500.00	8,000		
620		WH-1; Wall hydrant	**12**	ea	750.00	9,000		
621		Fixtures not yet design developed	**140,300**	gsf	0.40	56,120		
622		Domestic Water Piping						
623		Copper pipe type L with fittings & hangers - 2" & less	**9,050**	lf	52.00	470,600		
624		Copper pipe type L with fittings & hangers - 3"	**1,280**	lf	60.00	76,800		
625		Copper pipe type L with fittings & hangers - 4"	**170**	lf	70.00	11,900		
626		Valves & accessories	**1**	ls	95,081.00	95,081		
627		Non-Potable Water Piping						
628		Copper pipe type L with fittings & hangers - 2" & less	**3,800**	lf	52.00	197,600		
629		Valves & accessories	**1**	ls	33,592.00	33,592		
630		Tepid Water Piping						
631		Copper pipe type L with fittings & hangers - 2" & less	**2,350**	lf	52.00	122,200		
632		Valves & accessories	**1**	ls	20,774.00	20,774		

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
		BUILDING BACKUP						
633		Sanitary/Grease Waste And Vent Piping						
634		Cast iron pipe with fittings & hangers	**12,500**	lf	65.00	812,500		
635		Acid waste and vent Piping - NR						
636		Polypropylene pipe with fittings & hangers				NR		
637		Storm Drainage, Hubless Cast Iron Piping (Primary & Secondary)						
638		Storm water pipe with fittings 8" Below Grade	**350**	lf	100.00	35,000		
639		Storm water pipe with fittings 10" Below Grade	**260**	lf	125.00	32,500		
640		Storm water pipe with fittings 15" Below Grade	**270**	lf	175.00	47,250		
641		Storm water pipe with fittings & hangers 4" Above Grade	**120**	lf	75.00	9,000		
642		Storm water pipe with fittings & hangers 6" Above Grade	**920**	lf	95.00	87,400		
643		Storm water pipe with fittings & hangers 8" Above Grade	**1,480**	lf	100.00	148,000		
644		Storm water pipe with fittings & hangers 10" Above Grade	**425**	lf	125.00	53,125		
645		Storm water pipe with fittings & hangers 12" Above Grade	**25**	lf	155.00	3,875		
646		Pipe insulation						
647		Domestic pipe insulation	**16,650**	lf	14.00	233,100		
648		Storm pipe insulation on horizontal runs	**2,350**	lf	20.00	47,000		
649		Natural gas piping						
650		NR				NR		
651		Miscellaneous						
652		System testing and flushing	**1**	ls	20,000.00	20,000		
653		Coring, cutting, sleeves & fire stopping	**1**	ls	15,000.00	15,000		
654		Hydraulic lifts/rigging	**1**	ls	30,000.00	30,000		
655		Shop drawings / BIM / ENG Support / As-Builts	**1**	ls	100,000.00	100,000		
656		Commissioning Support	**1**	ls	20,000.00	20,000		
657		Fees & permits	**1**	ls	45,000.00	45,000		
658		SUBTOTAL					4,089,717	
659								
660		***TOTAL - PLUMBING***						**$4,089,717**
661								
662								
663	***D30***	***HVAC***						
664								
665	**D30**	**HVAC, GENERALLY**						
666		**DISTRIBUTED GSHP**						
667		600 ft deep geothermal well, single loop	**100**	ea	36,000.00	3,600,000		
668		Horizontal distribution piping with trench and backfill (10 circuits @400lf each)	**4,000**	lf	25.00	100,000		
669		Manifold vault				NR		
670		Pumps and specialties, ground source field pumps and main water distribution pumps			Included with equipment			
671		Glycol fill for geothermal system				NR		
672		Equipment						
673		Water source heat pump, CHP-007, 0.54ton	**13**	ea	5,000.00	65,000		
674		Water source heat pump, CHP-012, 0.92ton	**3**	ea	5,300.00	15,900		
675		Water source heat pump, CHP-015, 1.22ton	**1**	ea	6,050.00	6,050		
676		Water source heat pump, CHP-018, 1.64ton	**12**	ea	7,100.00	85,200		
677		Water source heat pump, HHP-007, 0.63ton	**3**	ea	5,000.00	15,000		
678		Water source heat pump, HHP-012, 1.25ton	**4**	ea	6,125.00	24,500		
679		Water source heat pump, HHP-024, 2.09ton	**4**	ea	8,225.00	32,900		
680		Water source heat pump, HHP-036, 3.35ton	**1**	ea	11,375.00	11,375		
681		Water source heat pump, HHP-048, 4.12ton	**1**	ea	13,300.00	13,300		
682		Water source heat pump, VHP-024, 2.06ton	**21**	ea	8,150.00	171,150		
683		Water source heat pump, VHP-036, 3.09ton	**26**	ea	10,725.00	278,850		
684		Water source heat pump, VHP-048, 4.03ton	**2**	ea	13,075.00	26,150		
685		Water source heat pump, VHP-060, 5.08ton	**1**	ea	15,700.00	15,700		
686		Water source heat pump, VHP-072, 5.89ton	**1**	ea	17,725.00	17,725		
687		Water source heat pump, VHP-096, 8.59ton	**1**	ea	24,500.00	24,500		
688		Water source heat pump, VHP-240, 19.89ton	**1**	ea	70,000.00	70,000		
689		Water source heat pump, VHP-300, 27.78ton	**2**	ea	100,000.00	200,000		
690		Water source heat pump (not yet depicted)	**140,300**	gsf	4.00	561,200		
691		Split systems - assume				NR		
692		Perimeter heating allowance	**140,300**	gsf	4.00	561,200		
693		Glycol system, glycol fill and chemical treatment, interior				NR		
694		ET-1; Expansion Tank	**1**	ea	3,400.00	3,400		

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
	BUILDING BACKUP							
695		AS-1; Air separator	**1**	ea	2,200.00	2,200		
696		LF-1; Loop filter for geothermal system	**1**	ea	5,000.00	5,000		
697		Plate & frame heat exchanger - assume	**1**	ea	20,000.00	20,000		
698		Cabinet unit heater allowance	**20**	ea	2,500.00	50,000		
699		CU-1, 2; Condensing unit for freezer/cooler	**2**	ea	7,500.00	15,000		
700		Miscellaneous HVAC equipment	**140,300**	gsf	2.50	350,750		
701		Pumps						
702		P-1A,1B - Geothermal system pumps, 790gpm each	**2**	ea	60,000.00	120,000		
703		P-2, Freezer cooler pumps, 7gpm	**2**	ea	2,500.00	5,000		
704		Air Distribution						
705		DOAS unit, ground source water heating & cooling, heat recovery wheel	**30,000**	cfm	28.00	840,000		
706		EF-1,2,3; Exhaust fans (less than 1000cfm)	**3**	ea	1,800.00	5,400		
707		KEF-1; Kitchen exhaust fan (1330cfm)	**1**	ea	3,200.00	3,200		
708		KEF-2; Kitchen exhaust fan (1870cfm)	**1**	ea	4,500.00	4,500		
709		Sheet metal & accessories						
710		Galvanized ductwork with fittings & hangers	**142,000**	lbs	18.00	2,556,000		
711		Duct insulation	**110,000**	gsf	5.50	605,000		
712		Kitchen grease exhaust, stainless steel welded	**5,000**	lbs	26.00	130,000		
713		Duct insulation, fire wrap	**3,000**	gsf	27.00	81,000		
714		Registers, grilles, diffusers	**450**	ea	280.00	126,000		
715		Louvers	**3**	ea	1,500.00	4,500		
716		VAV box	**95**	ea	1,200.00	114,000		
717		EVAV box	**9**	ea	1,200.00	10,800		
718		CAV box	**7**	ea	1,200.00	8,400		
719		Duct sound attenuators	**2**	ea	1,800.00	3,600		
720		Motorized automatic control dampers (ACD)	**76**	ea	1,200.00	91,200		
721		Miscellaneous ductwork accessories	**140,300**	gsf	1.00	140,300		
722		Ground source water piping						
723		GS supply & return water piping with fittings & hangers, 2 1/2" & less	**10,850**	lf	60.00	651,000		
724		GS supply & return water piping with fittings & hangers, 3"	**400**	lf	65.00	26,000		
725		GS supply & return water piping with fittings & hangers, 4"	**1,200**	lf	85.00	102,000		
726		GS supply & return water piping with fittings & hangers, 6"	**400**	lf	100.00	40,000		
727		GS supply & return water piping with fittings & hangers, 8"	**180**	lf	120.00	21,600		
728		Condensate Drain Piping						
729		Condensate drain piping with fittings & hangers	**450**	lf	45.00	20,250		
730		Piping Insulation						
731		Piping insulation	**13,480**	lf	12.00	161,760		
732		Automatic Temperature Controls						
733		Automatic temperature controls DDC	**140,300**	gsf	7.50	1,052,250		
734		Balancing						
735		System testing & balancing	**140,300**	gsf	1.00	140,300		
736		Miscellaneous						
737		Misc HVAC not yet defined - carried forward from previous	**140,300**	sf	1.80	252,540		
738		Coring, cutting, sleeves & sealing	**1**	ls	20,000.00	12,000		
739		Vibration isolation and supports	**1**	ls	25,000.00	15,000		
740		Hydraulic lifts/rigging/equipment rental	**1**	ls	30,000.00	45,000		
741		Coordination / BIM / ENG Support / As-Builts	**1**	ls	170,000.00	170,000		
742		Commissioning Support	**1**	ls	10,000.00	10,000		
743		Permit	**1**	ls	140,000.00	140,000		
744		SUBTOTAL					14,050,650	
745								
746		***TOTAL - HVAC***						**$14,050,650**
747								
748								
749	***D40***	***FIRE PROTECTION***						
750								
751	**D40**	**FIRE PROTECTION, GENERALLY**						
752		Fire Equipment						
753		Fire pump with jockey pump & controllers				NR		
754		6" Fire water service entrance	**1**	ea	8,000.00	8,000		
755		Double check valve assembly	**1**	ea	6,500.00	6,500		
756		Backflow preventer at double check valve assembly	**2**	ea	6,500.00	13,000		
757		Wet alarm check valve assembly	**1**	ea	5,500.00	5,500		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Dry alarm check valve assembly (shown on drawing FP1.02B)	**1**	ea	6,700.00	6,700		
	Floor control valve assembly	**4**	ea	2,200.00	8,800		
	Fire department valve	**6**	ea	1,200.00	7,200		
	Fire hose connection	**6**	ea	600.00	3,600		
	Fire department connection	**1**	ea	1,500.00	1,500		
	Inspectors test connection	**1**	ea	1,400.00	1,400		
	Electric bell	**1**	ea	500.00	500		
	Miscellaneous equipment, valves & accessories	**140,300**	gsf	0.30	42,090		
	Fire Distribution						
	Sprinkler heads	**1,503**	ea	115.00	172,845		
	Branch sprinkler piping w fittings & hangers	**14,616**	lf	41.00	599,256		
	Mains piping with fittings & hangers 6"	**520**	lf	65.00	33,800		
	Mains piping with fittings & hangers 4"	**2,900**	lf	55.00	159,500		
	Miscellaneous						
	Coordination & BIM	**1**	ls	35,000.00	35,000		
	Hydraulic calculations	**1**	ls	2,500.00	2,500		
	Coring, sleeves & fire stopping	**1**	ls	8,000.00	8,000		
	Shop drawings	**1**	ls	4,000.00	4,000		
	Commissioning of system	**1**	ls	3,500.00	3,500		
	Fees & permits	**1**	ls	10,000.00	10,000		
	SUBTOTAL					1,133,191	
	TOTAL - FIRE PROTECTION						**$1,133,191**
D50	***ELECTRICAL***						
D5010	**ELECTRICAL SYSTEMS**						
	Gear & Distribution						
	Normal Power						
	Metering and Sub-Metering	**1**	ls	25,000.00	25,000		
	2000A 277/480V Switchboard	**1**	ls	150,000.00	150,000		
	800A 277/480V distribution panelboard	**2**	ea	30,000.00	60,000		
	600A 277/480V distribution panelboard	**2**	ea	25,000.00	50,000		
	400A 277/480V distribution panelboard	**2**	ea	18,500.00	37,000		
	225A 277/480V panelboard	**5**	ea	4,000.00	20,000		
	100A 277/480V panelboard	**14**	ea	2,500.00	35,000		
	60A 277/480V panelboard	**3**	ea	1,200.00	3,600		
	150KVA transformer	**2**	ea	12,100.00	24,200		
	112.5KVA transformer	**2**	ea	9,813.00	19,626		
	30KVA transformer	**3**	ea	5,724.00	17,172		
	15KVA transformer	**3**	ea	4,575.00	13,725		
	600A 120/208V distribution panelboard	**2**	ea	25,000.00	50,000		
	400A 120/208V distribution panelboard	**2**	ea	18,500.00	37,000		
	225A 120/208V double tub panelboard	**6**	ea	6,000.00	36,000		
	225A 120/208V panelboard	**3**	ea	4,000.00	12,000		
	100A 120/208V panelboard	**9**	ea	2,500.00	22,500		
	60A 120/208V panelboard	**4**	ea	1,200.00	4,800		
	SPD	**12**	ea	850.00	10,200		
	Generator Power						
	600KW diesel generator with SA/WP cover	**1**	ls	330,000.00	330,000		
	Temp. Generator/Docking station connection	**1**	ls	20,000.00	20,000		
	600A ATS	**1**	ea	12,620.00	12,620		
	225A ATS	**2**	ea	6,110.00	12,220		
	Annunciator	**1**	ea	3,000.00	3,000		
	Fuel testing	**1**	ea	10,000.00	10,000		
	Rigging	**1**	ea	10,000.00	10,000		
	Feeders						
	2000A feed				Site work		
	800A feed	**100**	lf	422.00	42,200		
	600A feed	**285**	lf	292.00	83,220		
	400A feed	**225**	lf	213.00	47,925		

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
		BUILDING BACKUP						
820		Normal and emergency feeders	**140,300**	gsf	7.00	982,100		
821		PV						
822		Rough-in with empty conduits and backboxes	**1**	ls	30,000.00	30,000		
823		PV array 1,100 SF				w/ Roofing		
824		1000A distribution panelboard	**1**	ea	50,000.00	50,000		
825		1000A feed (allow)	**150**	lf	558.00	83,700		
826		Equipment Wiring feeds and connections						
827		Equipment wiring not yet defined	**140,300**	gsf	0.75	105,225		
828		Elevator and cab power feed and connection	**1**	ls	6,000.00	6,000		
829		Sump pump feed and connection	**2**	ea	1,200.00	2,400		
830		GEO pump feed and connection (50A)	**2**	ea	3,000.00	6,000		
831		Split feed and connection (allow)	**5**	ea	1,500.00	7,500		
832		AS feed and connection	**1**	ea	850.00	850		
833		DOAS feed and connection (250A) (Approx.. 150 LF)	**1**	ea	20,000.00	20,000		
834		EF feed and connection	**3**	ea	1,500.00	4,500		
835		WSHP feed and connection	**97**	ea	850.00	82,450		
836		CU feed and connection	**2**	ea	2,500.00	5,000		
837		CUH feed and connection	**20**	ea	850.00	17,000		
838		Trap primer feed and connection	**39**	ea	550.00	21,450		
839		DDC feed and connection	**1**	ea	550.00	550		
840		DWH feed and connection (125A)	**1**	ea	5,000.00	5,000		
841		Kiln feed and connection	**1**	ea	2,000.00	2,000		
842		Range and Hood feed and connection	**5**	ea	650.00	3,250		
843		Dryer feed and connection	**1**	ea	550.00	550		
844		Kitchen equipment feed and connection	**1**	ls	35,000.00	35,000		
845		KEF feed and connection	**2**	ea	1,500.00	3,000		
846		Gymnasium equipment feed and connection	**1**	ls	15,000.00	15,000		
847		SUBTOTAL					2,687,533	
848								
849	**D5020**	**LIGHTING & POWER**						
850		Lighting fixtures						
851		Lighting not depicted at this scope level	**140,300**	gsf	1.25	175,375		
852		Exit	**88**	ea	250.00	22,000		
853		Type A1	**137**	ea	250.00	34,250		
854		Type A2	**20**	ea	250.00	5,000		
855		Type A3	**1**	ea	250.00	250		
856		Type B1	**168**	ea	200.00	33,600		
857		Type F1	**309**	ea	375.00	115,875		
858		Type F2	**25**	ea	1,000.00	25,000		
859		Type F3	**73**	ea	450.00	32,850		
860		Type H1 (Gym)	**19**	ea	550.00	10,450		
861		Type L	**5,412**	lf	180.00	974,160		
862		Bathroom Cove	**300**	lf	120.00	36,000		
863		Type S1	**20**	ea	500.00	10,000		
864		Type W	**32**	ea	450.00	14,400		
865		Pit light	**1**	ea	250.00	250		
866		Lighting Controls						
867		Lighting and receptacle network controls	**140,300**	gsf	2.50	350,750		
868		Single pole switch	**26**	ea	34.50	897		
869		Occupancy/Vacancy/Daylight sensor	**496**	ea	220.00	109,120		
870		S LV	**7**	ea	34.50	242		
871		Dimmer switch	**105**	ea	65.00	6,825		
872		Lighting circuitry						
873		Lighting circuitry not yet defined	**140,300**	gsf	1.50	210,450		
874		Device plate	**138**	ea	6.00	828		
875		Device box	**2,240**	ea	36.00	80,640		
876		3/4" EMT	**8,000**	lf	9.50	76,000		
877		#12 THHN	**40,000**	lf	1.10	44,000		
878		MC cable	**26,000**	lf	5.50	143,000		
879		LV cable	**10,000**	lf	2.30	23,000		
880		Branch devices						
881		Duplex receptacle	**703**	ea	34.00	23,902		

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
	BUILDING BACKUP							
882		Double Duplex receptacle	**145**	ea	68.00	9,860		
883		GFI receptacle	**106**	ea	70.00	7,420		
884		Special purpose receptacle	**6**	ea	85.00	510		
885		EPO	**1**	ea	250.00	250		
886		Branch circuitry						
887		Device plate WP	**7**	ea	16.00	112		
888		Device plate	**953**	ea	6.00	5,718		
889		Floor box	**48**	ea	850.00	40,800		
890		Device box	**959**	ea	36.00	34,524		
891		3/4" EMT	**6,000**	lf	9.50	57,000		
892		#12 THHN	**30,000**	lf	1.10	33,000		
893		MC cable	**14,000**	lf	5.50	77,000		
894		SUBTOTAL					2,825,308	
895								
896	**D5030**	**COMMUNICATION & SECURITY SYSTEMS**						
897		Communications						
898		MDF Fit out	**1**	ls	15,000.00	15,000		
899		IDF Fit out	**2**	ls	11,000.00	22,000		
900		Devices & cabling	**140,300**	gsf	3.50	491,050		
901		Backbone cabling	**470**	lf	22.00	10,340		
902		Rough-in	**140,300**	gsf	1.50	210,450		
903		Network switches				By Owner		
904		WAP devices				By Owner		
905		VoIP system				By Owner		
906		Master Clock \ PA System						
907		Master clock PA	**140,300**	gsf	1.50	210,450		
908		Audio Visual System						
909		Gymnasium sound system, allow	**1**	ls	75,000.00	75,000		
910		Blackbox sound system, allow	**1**	ls	220,000.00	220,000		
911		Planetarium sound system, allow				See Below		
912		Library/ Media Center sound system, allow	**1**	ls	25,000.00	25,000		
913		Speech Amplification						
914		Speech Amplification	**140,300**	gsf	1.00	140,300		
915		Platform Lighting/Dimming						
916		Platform Lighting/Dimming, allow	**1**	ls	250,000.00	250,000		
917		Planetarium Lighting/Dimming						
918		Planetarium - Digistar7 4K System, Auto-blend, Cove lighting, Sound system	**1**	ls	417,100.00	417,100		
919		Rough-in with conduit stubs and backboxes	**1**	ls	50,000.00	50,000		
920		Digital Signage						
921		Digital Signage (rough-in and power only)	**140,300**	gsf	0.15	21,045		
922		Two Way Communications						
923		Two Way Communications	**1**	ls	20,000.00	20,000		
924		Bi-directional Amplification System						
925		BDA/DAS allowance	**140,300**	gsf	1.50	210,450		
926		Fire Alarm						
927		Control panel with Voice evacuation	**1**	ls	40,000.00	40,000		
928		Annunciator	**5**	ea	2,000.00	10,000		
929		Terminal cabinet	**2**	ea	1,200.00	2,400		
930		Beacon	**1**	ea	225.00	225		
931		Knox box	**1**	ea	350.00	350		
932		Initiating device	**14**	ea	165.00	2,310		
933		Audio visual device	**193**	ea	145.00	27,985		
934		Audio visual device WP	**1**	ea	155.00	155		
935		RAI	**53**	ea	125.00	6,625		
936		Modules	**40**	ea	165.00	6,600		
937		Device box	**301**	ea	36.00	10,836		
938		3/4" EMT	**9,050**	lf	9.50	85,975		
939		FA cable	**16,000**	lf	2.00	32,000		
940		Testing and programming	**1**	ls	10,000.00	10,000		
941		Allow for FA devices not depicted at this scope level	**140,300**	gsf	2.00	280,600		
942		Security System						
943		Security system	**140,300**	gsf	5.00	701,500		
944		SUBTOTAL					3,605,746	

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
D5040	**OTHER ELECTRICAL SYSTEMS**						
	Lightning Protection						
	Lightning protection system	1	ls	105,000.00	105,000		
	Grounding	1	ls	25,000.00	25,000		
	Common Work Result for Electrical						
	Temporary power	1	ls	150,000.00	150,000		
	Seismic	1	ls	5,000.00	5,000		
	Coordination, BIM	1	ls	400,000.00	400,000		
	Permit and fees	1	ls	190,000.00	190,000		
	SUBTOTAL					875,000	
	TOTAL - ELECTRICAL						**$9,993,587**
E10	***EQUIPMENT***						
E10	**EQUIPMENT, GENERALLY**						
113000	*LOADING DOCK*						
	Loading dock bumpers	1	ls	10,000.00	10,000		
	Loading dock lift	1	ls	17,500.00	17,500		
113100	*APPLIANCES*						
	Residential appliances						
	Range	6	ea	2,500.00	15,000		
	Refrigerator, side by side	11	ea	2,500.00	27,500		
	Refrigerator, undercounter	5	ea	600.00	3,000		
	Dishwasher	4	ea	800.00	3,200		
	Microwave	2	ea	600.00	1,200		
	Washer	2	ea	1,200.00	2,400		
	Dryer	2	ea	1,200.00	2,400		
	Kiln	2	ea	4,500.00	9,000		
114000	*FOODSERVICE EQUIPMENT*						
	Kitchen equipment	1	ls	727,875.00	727,875		
115213	*PROJECTION SCREENS*						
	Gym, allow	1	ls	15,000.00	15,000		
116200	*THEATRE EQUIPMENT*						
	Blackbox, allowance						
	Audio and Video				w/ D50		
	Pipe Grid	1	ls	65,000.00	65,000		
	Curtains	1	ls	25,000.00	25,000		
	Theatrical Lighting fixtures				w/ D50		
	Theatrical lighting dimming				incl above		
	Blackbox seating	1	ls	75,000.00	75,000		
	Freight for Audio/video for all spaces	1	ls	45,000.00	45,000		
	Planetarium, allowance				FF&E		
116600	*ATHLETIC EQUIPMENT*						
	Wall Pads to gym		sf		NR		
	Wall Pads to sensory	688	sf	25.00	17,200		
	Volleyball net and standards	1	ls	5,000.00	5,000		
	Score board and shot clock in Gym	2	ea	28,000.00	56,000		
	Bleachers; 580 seats	1	ls	150,000.00	150,000		
	Basketball backstops	6	loc	15,000.00	90,000		
	Gymnasium dividing net, fabric; electrically operated	1	ls	30,000.00	30,000		
	Overhead storage - wrestling mats	1	ls	15,000.00	15,000		
	Overhead storage - Batting cage	1	ls	10,000.00	10,000		
	SUBTOTAL					1,417,275	

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	TOTAL - EQUIPMENT						**$1,417,275**
E20	***FURNISHINGS***						
E2010	**FIXED FURNISHINGS**						
	Roller shades	**10,322**	sf	12.00	123,864		
	Premium for motorized shades	**1**	ls	10,000.00	10,000		
	Roller shades at interior glazing	**3,238**	sf	12.00	38,856		
062000	*ARCHITECTURAL WOODWORK*						
	Classroom/Stride	**32**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**264**	lf	500.00	132,000		
	Wall cabinet	**264**	lf	300.00	79,200		
	Tall cabinet 32"	**33**	ea	1,870.00	61,710		
	Science	**6**	rms				
	Base cabinet w/ epoxy resin countertop	**402**	lf	600.00	241,200		
	Wall cabinet	**114**	lf	300.00	34,200		
	Tall cabinet 32"	**6**	ea	1,870.00	11,220		
	Lab stations, 4 person				NIC		
	Science Prep	**6**	rms				
	Base cabinet w/ epoxy resin countertop	**216**	lf	600.00	129,600		
	Wall cabinet	**144**	lf	300.00	43,200		
	Tall cabinet 32"	**5**	ea	1,870.00	9,350		
	Art	**2**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**84**	lf	500.00	42,000		
	Wall cabinet	**64**	lf	300.00	19,200		
	Tall cabinet 32"	**4**	ea	1,870.00	7,480		
	IT office	**1**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**10**	lf	600.00	6,000		
	Wall cabinet	**10**	lf	300.00	3,000		
	Nurse Suite						
	Base cabinet w/ p'lam countertop, wood edge	**10**	lf	600.00	6,000		
	P'lam countertop, wood edge	**5**	lf	275.00	1,375		
	Wall cabinet	**10**	lf	300.00	3,000		
	Tall cabinet 24"	**1**	ea	1,400.00	1,400		
	Teacher	**3**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**82**	lf	500.00	41,000		
	Wall cabinet	**76**	lf	300.00	22,800		
	Tall cabinet 36"	**6**	ea	2,100.00	12,600		
	Work Rooms	**2**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**25**	lf	500.00	12,500		
	Wall cabinet	**25**	lf	300.00	7,500		
	Tall cabinet 32"	**1**	ea	1,870.00	1,870		
	Admin	**1**	rms				
	P'lam countertop, wood edge	**28**	lf	275.00	7,700		
	Robotic Tech Eng.	**1**	rms				
	Base cabinet w/ butcherblock countertop, wood edge	**22**	lf	550.00	12,100		
	Tall cabinet 36"	**2**	ea	2,100.00	4,200		
	Tall shelving unit 36"	**2**	ea	1,950.00	3,900		
	Tech Shop	**1**	rms				
	Base cabinet w/ butcherblock countertop, wood edge	**22**	lf	550.00	12,100		
	Tall cabinet 36"	**2**	ea	2,100.00	4,200		
	Tall shelving unit 36"	**2**	ea	1,950.00	3,900		
	Family Consumer Science	**1**	rms				
	Base cabinet w/ solid surface countertop	**94**	lf	550.00	51,700		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
BUILDING BACKUP							
	Wall cabinet	**50**	lf	300.00	15,000		
	Faculty Dining	**1**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**20**	lf	500.00	10,000		
	Wall cabinet	**20**	lf	300.00	6,000		
	Choral/Band/Orchestra	**3**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**18**	lf	500.00	9,000		
	Wall cabinet	**18**	lf	300.00	5,400		
	Tall cabinet 32"	**3**	ea	1,870.00	5,610		
	Special Ed	**1**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**12**	lf	500.00	6,000		
	Wall cabinet	**15**	lf	300.00	4,500		
	Flex Classroom	**2**	rms				
	Base cabinet w/ p'lam countertop, wood edge	**86**	lf	500.00	43,000		
	Wall cabinet	**56**	lf	300.00	16,800		
	Tall cabinet 32"	**1**	ea	1,870.00	1,870		
	Tall cabinet 36"	**1**	ea	2,100.00	2,100		
	SUBTOTAL					1,327,205	
E2020	**MOVABLE FURNISHINGS**						
	All movable furnishings to be provided and installed by owner						
	SUBTOTAL					NIC	
	TOTAL - FURNISHINGS						**$1,327,205**
F10	***SPECIAL CONSTRUCTION***						
F10	**SPECIAL CONSTRUCTION**						
	Planetarium dome	**1**	ls	507,350.00	507,350		
	SUBTOTAL					507,350	
	TOTAL - SPECIAL CONSTRUCTION						**$507,350**
F20	***SELECTIVE BUILDING DEMOLITION***						
F2010	**BUILDING ELEMENTS DEMOLITION**						
	SUBTOTAL					-	
F2020	**HAZARDOUS COMPONENTS ABATEMENT**						
	See main summary for HazMat allowance				See Summary		
	SUBTOTAL						
	TOTAL - SELECTIVE BUILDING DEMOLITION						
	SUBTOTAL						**$78,862,202**

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
	SITEWORK							
	G	***SITEWORK***						
1	***G10***	***SITE PREPARATION & DEMOLITION***						
2								
3		*GENERAL CONDITIONS*						
4		6' high site construction fence		lf	30.00	w_phasing		
5		Site construction entrance and removal/restoration		loc	12,000.00	w_phasing		
6		Site construction fence maintenance		lf	8.00	w_phasing		
7		Mobilizations	**1**	ls	50,000.00	50,000		
8		Temp laydown areas	**1**	ls	10,000.00	10,000		
9		Construction offices area prep - allowance	**1**	ls	10,000.00	10,000		
10		Temporary signs	**1**	ls	20,000.00	Excluded		
11		Wheel wash rack	**1**	ls	20,000.00	20,000		
12		Engineering/layout	**6**	mths	8,000.00	48,000		
13		As-builts	**1**	ls	5,000.00	5,000		
14		Concrete pump staging areas	**2**	loc	10,000.00	20,000		
15		Concrete washout area	**1**	ea	2,500.00	2,500		
16		Snow removal - allowance	**1**	ls		Excluded		
17		Winter conditions - allowance	**1**	ls		Excluded		
18		Police details	**1**	ls		Excluded		
19		Site security	**1**	ls		Excluded		
20		Job site construction trailer	**1**	ls		Excluded		
21		Temp utilities for job trailer	**1**	ls		Excluded		
22		*PHASING*						
23		Phase 1						
24		6' high site construction fence - per logisitcs	**5,273**	lf	30.00	158,190		
25		Site construction entrance and removal/restoration	**2**	loc	12,000.00	24,000		
26		Site construction fence maintenance	**5,273**	lf	8.00	42,184		
27		Silt Fence; installation and removal	**1,924**	lf	15.00	28,860		
28		Hay bales; installation and removal	**1,333**	lf	18.00	23,994		
29		Silt Sacks; installation and removal	**23**	ea	250.00	5,750		
30		Slope stabilization matting	**13,866**	sf	1.25	17,333		
31		Temporary paving; 2" thick - access road for construction - per logistics	*60,000*	*sf*				
32		Cut and prep	**2,222**	cy	35.00	77,770		
33		gravel base; 12" thick	**2,222**	cy	65.00	144,430		
34		Binder pavement	**60,000**	sf	2.00	Assumed NR		
35		Demolish temp road	**60,000**	sf	0.75	45,000		
36		Phase 2						
37		6' high site construction fence - relocate existing	**1,540**	lf	15.00	23,100		
38		Site construction entrance and removal/restoration	**1**	loc	12,000.00	12,000		
39		Site construction fence maintenance	**4,508**	lf	8.00	36,064		
40		Site construction fence - removal	**4,508**	lf	5.00	22,540		
41		Silt Fence; installation and removal	**833**	lf	15.00	12,495		
42		Hay bales; installation and removal	**126**	lf	18.00	2,268		
43		Silt Sacks; installation and removal	**45**	ea	250.00	11,250		
44		Slope stabilization matting	**2,927**	sf	1.25	3,659		
45		*SITE DEMOLITION AND RELOCATIONS*						
46		Demolish existing paving	**142,372**	sf	1.25	177,965		
47		Demolish existing concrete walk	**28,171**	sf	3.25	91,556		
48		Demolish gravel/bricks	**24,782**	sf	3.25	80,542		
49		Demolish curbing	**5,091**	lf	6.00	30,546		
50		Demolish existing fencing	**1,264**	lf	5.00	6,320		
51		Demolish steps	**147**	lf	20.00	2,940		
52		Demolish existing handrails	**45**	lf	25.00	1,125		
53		Demolish existing signs	**25**	ea	150.00	3,750		
54		Demolish large site sign	**1**	ea	750.00	750		
55		Remove columns foundations from covered walkway	**61**	ea	575.00	35,075		
56		Remove concrete blocks	**7**	ea	500.00	3,500		
57		Misc. demolition	**1**	ls	100,000.00	100,000		
58		*ROADWAY WORK*						
59		Sawcut - at new drives and utility connections	**392**	lf	8.25	3,234		

Design Development Cost Estimate

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
	SITEWORK							
60		Remove pavement	**270**	sf	3.50	945		
61		Temp pavement patching	**270**	sf	8.00	2,160		
62		Steel plates	**1**	ls	2,500.00	2,500		
63		Police details	**7**	dy	850.00	5,950		
64		Permanent pavement patch	**270**	sf	10.00	2,700		
65		*UTILITY DEMOLITION*						
66		Demolish existing lines	**3,093**	lf	25.00	77,325		
67		Demolish existing utility structures	**26**	ea	800.00	20,800		
68		Demolish existing light pole	**35**	ea	1,275.00	44,625		
69		Cut/cap utility lines	**2**	ea	10,000.00	20,000		
70		*VEGETATION & TOPSOIL MANAGEMENT*						
71		Clear and grub	**8**	acre	5,000.00	40,000		
72		Tree clearing	**1**	acre	20,000.00	20,000		
73		Remove existing trees	**38**	ea	850.00	32,300		
74		Stump removal	**1**	acre	4,000.00	4,000		
75		*EROSION & SEDIMENT CONTROL*						
76		Silt Sacks; installation and removal		ls		w_phasing		
77		Silt Fence; installation and removal		lf		w_phasing		
78		Dewatering allowance	**1**	ls	125,000.00	125,000		
79		Erosion Control monitoring & maintenance	**1**	ls	25,000.00	25,000		
80		SUBTOTAL					1,816,995	
81								
82		*SITE EARTHWORK*						
83		Phase 1						
84		Topsoil						
85		Strip + stockpile soil	**5,328**	cy	6.00	31,968		
86		Site cut to design subgrade	*4,318*	*cy*				
87		Cut	**4,318**	cy	10.00	43,180		
88		Site cut processing	*4,318*	*cy*				
89		Screen cut soils	**4,318**	cy	10.00	43,180		
90		Screen cut soils from building	**3,435**	cy	10.00	NR		
91		Site fill to design subgrade	*7,753*	*cy*				
92		Fill - from cut	**4,318**	cy	12.00	51,816		
93		Fill - from building	**3,435**	cy	12.00	NR		
84		Fill - imported swell 25%	**4,294**	cy	38.00	163,172		
95								
96		Phase 2						
97		Topsoil						
98		Strip + stockpile soil	**2,502**	cy	6.00	15,012		
99		Site cut to design subgrade	*17,965*	*cy*				
100		Cut	**17,965**	cy	10.00	179,650		
101		Site cut processing	*3,707*	*cy*				
102		Screen cut soils	**3,707**	cy	10.00	37,070		
103		Site fill to design subgrade	*3,707*	*cy*				
104		Fill - from cut	**3,707**	cy	12.00	44,484		
105								
106		*SOIL DISPOSAL - conversion factor 1.7 to tons*						
107		Load excess soils for disposal	**14,258**	cy	2.00	28,516		
108		Clean non-regulated	**24,239**	tn	11.00	266,629		
109								
110		*ROCK REMOVAL*						
111		Ledge allowance	**1**	ls	30,000.00	NR		
112								
113		*GEOTHERMAL*						
114		Groundwater management/ control measures	**1**	ls	50,000.00	50,000		
115		*EXCAVATION & BACKFILL - Geothermal well trenches*	*2,025*	*lf*				
116		SDR pipe excavation/backfill	**2,625**	cy	46.75	122,719		
117		Sand bedding for the trench	**750**	cy	38.50	28,875		
118		*EXCAVATION & BACKFILL - Geothermal well spoils*	*100*	*ea*				
119		Load excess soils for disposal	**450**	cy	2.50	1,125		
120		Less than RCS-1 - clean non-regulated	**765**	tn	8.00	6,120		
121								

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
SITEWORK							
	ESTABLISHING GRADE						
	Sub grade establishment	**626,366**	sf	0.15	93,955		
	Fine grading throughout the site	**626,366**	sf	0.25	156,592		
	HAZARDOUS MATERIALS						
	UST removal allowance	**1**	ls	50,000.00	50,000		
	SUBTOTAL					1,414,063	
	TOTAL - G10						**$3,231,058**
G20	***SITE IMPROVEMENTS***						
	Roadways and Parking Lots						
	Bituminous concrete pavement - standard duty	*46,628*	*sf*				
	gravel base; 6" thick	**863**	cy	55.00	47,465		
	asphalt top; 1.5" thick	**446**	tns	200.00	89,200		
	asphalt binder; 1.5" thick	**446**	tns	190.00	84,740		
	Bituminous concrete pavement - heavy duty	*97,369*	*sf*				
	gravel base; 8" thick	**1,803**	cy	55.00	99,165		
	asphalt top; 1.5" thick	**931**	tns	200.00	186,200		
	asphalt binder; 2.5" thick	**1,549**	tns	190.00	294,310		
	Stabilized turf	*4,146*	*sf*				
	Gravel base; 12" thick	**154**	cy	55.00	8,470		
	Grass pave 2 pavers and soil	**4,146**	sf	7.00	29,022		
	CURBING						
	Precast concrete curbing	**8,513**	lf	46.00	391,598		
	ADA Curb cuts	**11**	ea	850.00	9,350		
	ROAD MARKINGS AND SIGNS						
	Parking spot	**144**	ea	85.00	12,240		
	Parking spot ADA	**6**	ea	250.00	1,500		
	Crosswalk hatching	**7**	loc	2,500.00	17,500		
	Pavement markings - allowance	**1**	ls	25,000.00	25,000		
	Traffic signs						
	Signs - new	**20**	ea	125.00	2,500		
	Signs - mounting hardware	**20**	ea	225.00	4,500		
	Signs - posts	**20**	ea	487.50	9,750		
	SUBTOTAL					1,312,510	
	PEDESTRIAN PAVING						
	Concrete sidewalks	*40,324*	*sf*				
	gravel base; 6" thick	**747**	cy	65.00	48,555		
	Broom finish concrete paving; 5" thick	**40,324**	sf	14.00	564,536		
	Unilock pavers	*4,266*	*sf*				
	aggregate base; 10" thick	**131**	cy	50.00	6,550		
	Pavers	**4,266**	sf	28.00	119,448		
	Geotextiles	**4,266**	sf	0.55	NR		
	Edging	**198**	lf	18.00	3,564		
	STAIRS AND RAMPS						
	Stairs - cast-in-place concrete	**245**	lf	225.00	55,125		
	Stair foundations	**149**	lf	250.00	37,250		
	Stair handrails - galvanized	**105**	lf	350.00	36,750		
	SUBTOTAL					871,778	
	SITE IMPROVEMENTS						
	Site Furnishings						
	Bollards - utility areas and parking lots - allowance	**20**	ea	1,200.00	24,000		
	Bollards - entryways - allowance	**20**	ea	2,500.00	50,000		
	Bike racks	**10**	ea	900.00	9,000		
	Litter receptacles - allowance	**2**	ea	5,810.00	11,620		
	Flagpole - allowance	**1**	ea	7,000.00	7,000		
	Flagpole foundation	**1**	ea	4,500.00	4,500		

	CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
	SITEWORK							
183		Benches	**2**	ea	2,100.00	4,200		
184		Picnic tables	**7**	ea	2,968.00	Removed		
185		Picnic table benches	**14**	ea	2,100.00	Removed		
186		Café tables - movable with chairs	**3**	ea	3,500.00	10,500		
187		Moveable seating at paver area	**1**	ls	10,000.00	10,000		
188		Site lighting foundations	**29**	ea	875.00	25,375		
189		Site sign, allowance	**1**	ea	50,000.00	50,000		
190		Misc. site furnishings allowance				NR		
191		Wooden platforms at amphitheater	*570*	*sf*				
192		Composit wood decking - posts, beams, still plate, hardware	**570**	sf	50.00	28,500		
193		Aggregate base; 12" thick - average	**21**	cy	65.00	1,365		
194		Concrete slab;8" thick - average	**570**	sf	16.00	9,120		
195		Drainage system	**570**	sf	2.00	1,140		
196		Fencing						
197		3' Ht - Chain link fence	**344**	lf	55.00	6,500		
198		4' Ht - Steel picket fence	**128**	lf	110.00	14,080		
199		4' Ht - Ornamental single gate	**2**	ea	1,200.00	2,400		
200		Vehicular gate - 20' wide	**1**	ea	20,000.00	20,000		
201		Dumpster enclosure with gates - allowance	**1**	ls	25,000.00	25,000		
202		Fencing at reconstructed field	**100**	lf	85.00	8,500		
204	*320000*	*ATHLETIC EQUIPMENT*						
205		Backstop at reconstructed field	**1**	ea	55,000.00	55,000		
206		Players benches at reconstructed field	**4**	ea	4,000.00	16,000		
206		*UTILITY AREAS - ALLOWANCES*						
207		Concrete pads - profiles assumed	*244*	*sf*				
208		gravel base; 8" thick	**6**	cy	85.00	510		
209		Broom finish concrete paving; 12" thick	**244**	sf	32.00	7,808		
210		Stone drip strip - at building - allowance for 1.5' wide	*1,410*	*sf*				
211		Gravel base; 6" thick	**26**	cy	65.00	1,690		
212		Crushed stone; 1.5" thick	**7**	cy	500.00	3,500		
213		Edging	**940**	lf	33.00	31,020		
214		Loading Dock				w/ A10		
215		Guardrail at loading dock	**60**	lf	350.00	21,000		
216		SUBTOTAL					459,328	
217								
218		Site Walls						
219		Precast amphitheater seating - precast blocks 1'9" H x 2' W	*140*	*lf*				
220		Precast concrete	**140**	lf	800.00	112,000		
221		Concrete - below grade	**140**	lf	121.00	16,940		
222		Excavation	**29**	cy	100.00	2,900		
223		Backfill - (assume using onsite soils)	**9**	cy	25.00	225		
224		Wall drain	**140**	lf	22.00	3,080		
225								
226		Planter walls - precast walls - 6"w x 18" h	*371*	*lf*				
227		Precast concrete	**371**	lf	800.00	296,800		
228		Concrete - below grade with footing	**371**	lf	199.00	73,829		
229		Excavation	**77**	cy	100.00	7,700		
230		Backfill - (assume using onsite soils)	**23**	cy	25.00	575		
231		Wall drain	**371**	lf	22.00	8,162		
232								
233		Cast-in-place cheek wall - 6" ht.at amphitheater	*39*	*lf*				
234		Concrete	**39**	lf	89.00	3,471		
235		Excavation	**3**	cy	100.00	300		
236		Backfill - (assume using onsite soils)	**1**	cy	35.00	35		
237		Wall drain	**39**	lf	22.00	858		
238								
239		Cast-in-place cheek wall - 1' ht at west side stairs	*74*	*lf*				
240		Concrete	**74**	lf	430.00	31,820		
241		Excavation	**10**	cy	100.00	1,000		
242		Backfill - (assume using onsite soils)	**2**	cy	35.00	70		

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
SITEWORK							
	Wall drain	**74**	lf	22.00	1,628		
	Seat walls - pavers on west side of building - 1.5' ht. assume CIP	*112*	*lf*				
	Concrete	**112**	lf	469.00	52,528		
	Excavation	**23**	cy	100.00	2,300		
	Backfill - (assume using onsite soils)	**7**	cy	35.00	245		
	Wall drain	**112**	lf	22.00	2,464		
	Retaining wall west of building - 5' ht. - assume large block	*48*	*lf*				
	Large block wall	**288**	sf	55.00	15,840		
	Excavate and prepare wall base	**11**	cy	100.00	1,100		
	Backfill wall - crushed stone	**9**	cy	65.00	585		
	Backfill-controlled placement; above grade - on-site soils no	**36**	cy	35.00	1,260		
	Geotextiles	**432**	sf	2.50	1,080		
	Wall drain	**48**	lf	22.00	1,056		
	SUBTOTAL					639,851	
	Landscaping						
329900	*TOPSOIL*						
	Screen topsoil	**7,830**	cy	7.50	58,725		
	Export tailings from screening process - assume clean rock	**2,349**	cy	8.50	19,967		
	Amend/Place	**5,481**	cy	25.00	137,025		
	Topsoil - imported 6" thick; swell 25%	**2,463**	cy	70.00	172,410		
	Soil and mulch at planting areas; 12" thick	**627**	cy	135.00	84,645		
	LAWN AND SEED	*346,059*	*sf*				
	Topsoil - imported 6" thick	**6,409**	cy		incl. above		
	Scarify subgrade	**346,059**	sf	0.25	86,515		
	Power rake and hydroseed disturbed areas	**341,657**	sf	0.35	119,580		
	Rototill existing areas of lawn - no additional loam required.	**121,174**	sf	0.75	90,881		
	Meadow seed mix	**125,576**	sf	0.55	69,067		
	Boulders	**40**	ea	500.00	20,000		
	ATHLETIC LANDSCAPING - front field	*71,508*	*sf*				
	Topsoil 6" thick	**1,324**	cy		incl. above		
	Scarify subgrade	**71,508**	sf	0.25	17,877		
	Planting maintenance - 1 year	**1**	ls	15,000.00	15,000		
	Rectangle practice field	*71,508*	*sf*				
	Sodding	**71,508**	sf	2.50	178,770		
	Irrigation - larger than field area	**96,778**	sf	1.75	169,362		
	Sand gravel fill; 6" thick	**1,324**	cy	65.00	86,060		
	ATHLETIC LANDSCAPING - location of geothermal field	*85,350*	*sf*				
	Topsoil 6" thick	**1,581**	cy		incl. above		
	Scarify subgrade	**85,350**	sf	0.25	21,338		
	Planting maintenance - 1 year	**1**	ls	15,000.00	incl. above		
	Baseball	*85,350*	*sf*				
	Sodding	**85,350**	sf	2.50	213,375		
	Irrigation	**85,350**	sf	1.75	149,363		
	Sand gravel fill; 6" thick	**1,581**	cy	65.00	102,765		
	Baseball Infield Mix	*11,350*	*sf*				
	Infield mix	**229**	tn	225.00	51,525		
	Sand gravel fill; 6" thick	**210**	cy	65.00	13,650		
	TREES						
	Shade trees - 3-3.5" cal.	**163**	ea	1,800.00	293,400		
	Understory trees 10-12' ht.	**38**	ea	1,500.00	57,000		
	Evergreen trees - 8-10' Ht.	**39**	ea	1,000.00	39,000		
	SHRUBS						
	Shrubs - 24-30" ht.	**175**	ea	75.00	13,125		
	Understory planting - 2 gal. - 15,100 SF assume 18" o.c.	**7,750**	ea	28.00	217,000		
	MAINTENANCE						

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
SITEWORK							
	1-yr plant maintenance	**1**	ls	61,952.50	61,953		
	SUBTOTAL					2,559,378	
	TOTAL - G20						**$5,842,845**
G30	***CIVIL MECHANICAL UTILITIES***						
	WATER SERVICE						
	6" CLDI	**2,027**	lf	95.00	192,565		
	4" CLDI	**167**	lf	85.00	14,195		
	Fire department connection	**1**	ea	2,500.00	2,500		
	Hydrants	**3**	ea	6,500.00	19,500		
	Gate valves	**5**	ea	1,200.00	6,000		
	Thrust blocks	**16**	ea	500.00	8,000		
	Water meter pit	**1**	ea	20,000.00	20,000		
	CONNECTIONS						
	Connect to existing water line	**1**	ea	15,000.00	15,000		
	EXCAVATION & BACKFILL	*2,194*	*lf*				
	DI piping excavation/backfill (inside site)	**1,950**	cy	52.75	102,863		
	Trench bedding	**650**	cy	38.50	25,025		
	Pressure test & chlorinate	**2,194**	lf	7.50	16,455		
	Allowance for temporary water service				NR		
	Allowance for temporary support of existing utilities				NR		
	SUBTOTAL					422,103	
	SANITARY SEWER						
	8" PVC	**516**	lf	45.00	23,220		
	6" PVC	**509**	lf	38.00	19,342		
	Cleanouts	**3**	ea	1,200.00	3,600		
	SMH - 0-5' deep	**1**	ea	4,800.00	4,800		
	SMH - 5-12' deep	**6**	ea	6,500.00	39,000		
	Grease trap - 2,000 gal.	**1**	ea	15,000.00	15,000		
	CONNECTIONS						
	Connect to existing	**1**	ea	15,000.00	15,000		
	EXCAVATION & BACKFILL - Gravity	*1,025*	*lf*				
	PVC gravity piping excavation	**911**	cy	46.75	42,589		
	Trench bedding	**304**	cy	38.50	11,704		
	Pressure testing	**1,025**	lf	4.00	4,100		
	Video Inspection	**1**	ls	2,500.00	2,500		
	SUBTOTAL					180,855	
	STORM DRAINAGE						
	24" RCP	**1,275**	lf	230.00	293,250		
	24" HDPE	**140**	lf	120.00	16,800		
	18" HDPE	**217**	lf	80.00	17,360		
	15" HDPE	**873**	lf	75.00	65,475		
	12" HDPE	**1,620**	lf	70.00	113,400		
	6" HDPE - perforated	**125**	lf	70.00	8,750		
	CB - 4' Dia.	**25**	ea	4,500.00	112,500		
	CO	**2**	ea	1,200.00	2,400		
	4' Dia. DMH - 0-5' deep	**1**	ea	5,000.00	5,000		
	4' Dia. DMH - 5-12' deep	**1**	ea	6,000.00	6,000		
	FES	**3**	ea	2,500.00	7,500		
	OCS	**1**	ea	8,000.00	8,000		
	Riprap	**1,443**	sf	8.00	11,544		
	Roof drain connections	**2**	ea	500.00	1,000		
	Trench drains	**25**	lf	180.00	4,500		
	WQU	**2**	ea	25,000.00	50,000		
	YD	**21**	ea	2,500.00	52,500		
	12" HDPE - collector piping not drawn	**780**	lf	85.00	66,300		
	Field drains	**3,622**	lf	35.00	126,770		

Hillcrest Middle School 21-Jan-26
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Design Development Cost Estimate

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
SITEWORK							
334000	*CONNECTIONS*						
	Connect to existing structure (inside site)	**5**	ea	10,000.00	50,000		
334000	*SURFACE DRAINAGE SYSTEMS*						
	Bio retention/Rain Garden	*5,852*	*sf*				
	shape basins	**5,852**	sf	2.50	14,630		
	mulch	**54**	cy	50.00	2,700		
	24" Planting soil mix	**433**	cy	80.00	34,640		
	SUBTOTAL					1,071,019	
	TOTAL - G30						**$1,673,977**
G40	***ELECTRICAL UTILITIES***						
	Civil						
	Trenching, Backfilling, Concrete work						
	Primary duct bank	**350**	lf	64.00	22,400		
	Secondary/Generator duct bank	**415**	lf	64.00	26,560		
	Telecommunication duct bank	**350**	lf	64.00	22,400		
	Site Lighting/EV duct bank	**3,920**	lf	12.00	47,040		
	SUBTOTAL					118,400	
	Electrical Requirements						
	Manhole	**1**	ls	8,500.00	8,500		
	Pad mount transformer, provided by United Utility				United Utility		
	Pad mount transformer/ Generator pad and grounding	**2**	loc	3,500.00	7,000		
	Primary duct bank, empty, 2-4" conduits (allow)	**350**	lf	50.00	17,500		
	Secondary duct bank -2000A	**180**	lf	1,075.00	193,500		
	Generator duct bank , allow	**235**	lf	480.00	112,800		
	Telcom services, empty 4-4", allow	**350**	lf	100.00	35,000		
	Site lighting						
	Pole Light (single)	**15**	ea	2,500.00	37,500		
	Pole Light (double)	**14**	ea	3,250.00	45,500		
	Pole base and grounding	**29**	ea	750.00	21,750		
	Allow for signage feed and connections	**1**	ls	15,000.00	15,000		
	Site lighting circuitry	**3,500**	lf	18.00	63,000		
	Site security, allow	**1**	ls	75,000.00	75,000		
	EV Stations						
	225A Panelboard in NEMA 3R enclosure	**1**	ls	12,000.00	12,000		
	225A feed	**420**	lf	80.00	33,600		
	Electric vehicle charging station allow, rough-in, cabling and dual EVC	**5**	ea	18,000.00	90,000		
	Electric vehicle charging station allow, rough-in only	**30**	ea	2,500.00	75,000		
	Site Demolition						
	Site Demolition	**1**	ls	25,000.00	25,000		
	Sports field Lighting						
	Sports field Lighting				NIC		
	SUBTOTAL					867,650	
	TOTAL - G40						**986,050**
	TOTAL - SITE DEVELOPMENT						***$11,733,930***

CSI CODE	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
ALTERNATES							
	1 PV Array						
	Base Estimate						
	Alternate						
	PV array 876KW	**1**	ls	1,752,000.00	1,752,000		
	Rough-in with empty conduits and backboxes				w/ base estimate		
	SUBTOTAL					1,752,000	
	Markups	**1**	ls	385,440.00	385,440		
	TOTAL - ALTERNATE 1					*ADD*	**2,137,440**
	2 Folding Partition						
	Base Estimate						
	Folding partition at Flex classroom	**(280)**	sf	120.00	(33,600)		
	Alternate						
	C08 - 8" CMU	**280**	sf	43.50	12,180		
	Premium for ground faced to 9'-4"	**280**	sf	5.00	1,400		
	Seismic clips	**8**	ea	300.00	2,400		
	Misc. metals at masonry	**280**	sf	1.50	420		
	M21 - 1-5/8" MS, 1 layer GWB o/s	**280**	sf	8.75	2,450		
	SUBTOTAL					(14,750)	
	Markups	**1**	ls	(3,245.00)	(3,245)		
	TOTAL - ALTERNATE 2					*DEDUCT*	**(17,995)**
	3 Solar Shading Devices						
	Base Estimate						
	Sunshades						
	Horizontal, 2'	**(252)**	lf	200.00	(50,400)		
	Alternate						
	SUBTOTAL					(50,400)	
	Markups	**1**	ls	(11,088.00)	(11,088)		
	TOTAL - ALTERNATE 3					*DEDUCT*	**(61,488)**
	4 Parking lot with 40 spaces						
	Base Estimate						
	TOPSOIL						
	Topsoil - imported 6" thick; swell 25%	**(319)**	cy	70.00	(22,330)		
	LAWN AND SEED	*(13,773)*	*sf*				
	Topsoil - imported 6" thick	**(255)**	cy		incl. above		
	Scarify subgrade	**(13,773)**	sf	0.25	(3,443)		
	Power rake and hydroseed disturbed areas	**(13,773)**	sf	0.35	(4,821)		
	Alternate						
	Bituminous concrete pavement - standard duty	*13,773*	*sf*				
	gravel base; 6" thick	**255**	cy	55.00	14,025		
	asphalt top; 1.5" thick	**132**	tns	200.00	26,400		
	asphalt binder; 1.5" thick	**132**	tns	190.00	25,080		
	CURBING						
	Precast concrete curbing	**638**	lf	40.00	25,520		
	ADA Curb cuts - allowance	**1**	ls	1,500.00	1,500		
	ROAD MARKINGS AND SIGNS						
	Parking spot	**40**	ea	85.00	3,400		
	Parking spot ADA	**4**	ea	250.00	1,000		
	Crosswalk hatching	**2**	ea	2,500.00	5,000		
	Pavement markings allowance	**1**	ls	2,500.00	2,500		

CSI CODE	*DESCRIPTION*	*QTY*	*UNIT*	*UNIT COST*	*EST'D COST*	*SUB TOTAL*	*TOTAL COST*
ALTERNATES							
	Traffic signs						
	Signs - new	**2**	ea	125.00	250		
	Signs - mounting hardware	**2**	ea	225.00	450		
	Signs - posts	**2**	ea	487.50	975		
	STORM DRAINAGE						
	15" HDPE	**321**	lf	80.00	25,680		
	12" HDPE	**53**	lf	70.00	3,710		
	CB - 4' Dia.	**2**	ea	4,500.00	9,000		
	SUBTOTAL					113,896	
	Markups	**1**	ls	25,057.12	25,057		
	TOTAL - ALTERNATE 4					*ADD*	**138,953**
	5 Additional athletic field						
	Base Estimate						
	LAWN AND SEED	*(72,103)*	*sf*				
	Power rake and hydroseed disturbed areas	**(72,103)**	sf	0.35	(25,236)		
	Alternate						
320000	*ATHLETIC LANDSCAPING - profiles assumed*	*72,103*	*sf*				
	Planting maintenance - 1 year	**1**	ls	15,000.00	15,000		
	Multi-purpose field	*72,103*	*sf*				
	Sodding - assumed	**72,103**	sf	2.50	180,258		
	Irrigation - assumed	**72,103**	sf	1.75	126,180		
	Fencing - at new athletic field	**1,120**	lf	85.00	95,200		
	Sand gravel fill; 6" thick	**1,335**	cy	65.00	86,775		
	12" HDPE - collector piping not drawn	**1,200**	lf	85.00	102,000		
	Field drains	**2,600**	lf	10.00	26,000		
	SUBTOTAL					606,177	
	Markups	**1**	ls	133,358.94	133,359		
	TOTAL - ALTERNATE 5					*ADD*	**739,536**
	6 Pickleball Courts						
	Base Estimate						
	TOPSOIL						
	Topsoil - imported 6" thick; swell 25%	**(185)**	cy	70.00	(12,950)		
	LAWN AND SEED	*(7,968)*	*sf*				
	Topsoil - imported 6" thick	**(148)**	cy		incl. above		
	Scarify subgrade	**(7,968)**	sf	0.25	(1,992)		
	Power rake and hydroseed disturbed areas	**(7,968)**	sf	0.35	(2,789)		
	Alternate						
	Concrete sidewalks	*400*	*sf*				
	gravel base; 6" thick	**7**	cy	65.00	455		
	Broom finish concrete paving; 5" thick	**400**	sf	14.00	5,600		
	SPORTS COURTS						
	Pavement areas	*7,568*	*sf*				
	gravel base; 8" thick	**188**	cy	65.00	12,220		
	Plexipave surfacing; 1/8" thick	**7,568**	sf	6.00	45,408		
	Post tension concrete	**841**	sy	135.00	113,535		
	Pickleball nets	**4**	set	2,500.00	10,000		
	Single pickleball court lines	**4**	ea	2,500.00	10,000		
	Fencing - 8' CLF	**372**	lf	100.00	37,200		
	SUBTOTAL					216,687	
	Markups	**1**	ls	47,671.14	47,671		
	TOTAL - ALTERNATE 6					*ADD*	**264,358**