

## MEETING MINUTES

DATE OF MEETING: 3 May 2010  
 PROJECT: Charlotte Central School  
 PROJECT NO.: 07-537  
 SUBJECT: Construction Committee Meeting #7 - 1PM in the Tech. Ed. Room  
 ATTENDING:

ARCHITECTS  
PROJECT MANAGERS

VERMONT  
1795 Williston Rd. Ste. 200  
S. Burlington, VT 05403  
(P) 802.863.1428  
(F) 802.863.6955

MASSACHUSETTS  
260 Merrimac St. Bldg. 7  
Newburyport, MA 01950  
(P) 978.499.2999  
(F) 978.499.2944

Bob Mason (BM)	Chittenden South Supervisory Union
Lynne Jaunich (LJ)	CCS Board Member
Dan Luce (DL)	CCS Board Member
Sam Pugliese (SP)	Community Member
Lynn Kennedy (LK)	CCS Faculty/Staff
Dave Leblanc (DL)	CCS Faculty/Staff
Tom Barden (TB)	Barden Inspection and Consulting Services
Jeff Davis (JD)	DEW Construction
Lee P. Dore (LD)	Dore & Whittier Architects (DWA)
Al Frey (AF)	DEW Construction

### 1. 75% Construction Documents Estimate

- a. AF distributed the 75% CD cost estimate dated 4/27/10.
- b. This estimate is \$1,967,694 and the budget target is \$1,970,000.
- c. It was clarified that a \$10,000 allowance for temporary bracing of the chimney is included within the estimate.
- d. Current estimate is approximately \$3,000 under budget target.
- e. DWA 100% drawings are planned to be issued to DEW for bidding at the end of the day on 5/12/10.
- f. The Prebid site visit for subcontractors has been rescheduled from 5/13/10 at 3PM to 5/20/10 at 3PM – this is to be verified by DEW once Tim H. returns from vacation.

### 2. Current Alternates

1. Porch
2. Masonry Base System (Stone Veneer)
3. Metal Flue (replacement for existing chimney)
4. Automatic Flush Sensors for plumbing fixtures
5. Air Conditioning for Co-Principal and SPED administrator's offices
6. Insulated Relief Dampers at 1969 wing

### 3. ATC Update

- a. DL reported that ATC had conducted their site visit for testing/sampling at the school
- b. TB indicated that results were planned to be returned to the District by 5/4/10
- c. ATC is preparing the bid package for abatement

**4. Permitting Update**

- a. Dept. of Public Safety permit –DWA preparing application. DWA to forward to Bob Mason the permit fee that a check will need to be issued for to accompany the permit application
- b. Wastewater permit has been submitted to ANR – waiting for approval.
- c. Local permits and fees have been waived.

**5. Contract Status**

- a. CM contract – almost complete.
- b. LD asked about status of General Conditions for inclusion in specifications. BM to check.

**8. Other**

- a. DWA to establish a meeting this week to review items presented by the Charlotte Fire Dept. Fire Chief, DWA and DL to attend. This meeting will be at CCS. LD suggested that the site logistics plan also be presented at this meeting.

**9. Meeting Minutes and Next Meeting Date**

- a. Construction Committee Meeting (#6) minutes from 19 April 2010 was unanimously approved.
- b. Next Meeting dates will be May 17, 2010; June 7th and June 14th at 1PM in Tech Room.

The above is my summation of our meeting. If you have any additions and/or corrections, please contact me for incorporation into these minutes. After 10 days, we will accept these minutes as an accurate summary of our discussion and enter them into the permanent record of the project.

Sincerely,

**DORE & WHITTIER ARCHITECTS, INC.**  
Architects ■ Project Managers

Lee P. Dore, Assoc. AIA, CSI, LEED AP  
Principal

c: Construction Committee, Attendees, A/E team, File

**Attachments:**

Agenda  
DEW 75% CD estimate

**Agenda**  
**Construction Committee**  
**Monday, May 3, 2010**  
**1pm**  
**CCS Tech Ed Room**

- 1.0 Call to Order
- 2.0 Adjustments to Agenda
- 3.0 Audience and Communications
- 4.0 Discussion Matters:
  - 4.1 75% Construction Documents estimate update
  - 4.2 Alternates & Brickliners update
  - 4.3 ATC update
  - 4.4 Permitting update
  - 4.5 Contract update
- 5.0 Action matters:
  - 5.1 Approval of Minutes: Mtg #6
- 6.0 New Business
- 7.0 Confirm next meeting date: May 17rd, 2010 at 1pm
- 8.0 Adjourn

**Charlotte Central School - New South Wing Concept**  
**75% CD Estimate as Modified by Our Project Meeting on 4/23/2010**  
**DEW Construction Corp., Williston, Vermont**

<b>Project name</b>	Charlotte Central School Hinesburg Road Charlotte VT
<b>Labor rate table</b>	Standard
<b>Equipment rate table</b>	Standard
<b>Job size</b>	14700 gsf
<b>Duration</b>	48 wks
<b>Job cost job number</b>	09-3606.02
<b>Notes</b>	12,570 sf of New Space 2,130 sf of Existing Boiler Room & Corridor to Remain w/Minor Renovations.  Total Space - 14,700  This estimate reflects the cost of the 75% Construction Documents set dated April 16, 2010 and incorporates a number of design decisions as discussed in a design meeting on April 23, 2010 with the Construction Manager, Architect and Clerk of the Works in attendance. Subsequent to that meeting and after consultation with the engineers it was determined that three additional cost management ideas could be incorporated including returning to piped drainage control, decreasing the quantity of plantings and decreasing the height of the foundation walls. This estimate was reviewed at the Owner's meeting on May 3, 2010.
<b>Report format</b>	Sorted by 'Group phase/Phase' 'Detail' summary Allocate addons Combine items

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
<b>2.000 SITEWORK</b>								
<b>2.001</b>	<b>Sitework</b>							
200	Mobilization & Demobilization	1.00 ls	560	500	-	960	-	2,020
	<b>Sitework</b>		<b>560</b>	<b>500</b>		<b>960</b>		<b>2,020</b>
	16.00 Labor hours							
	8.00 Equipment hours							
<b>2.002</b>	<b>Site Demolition</b>							
10	Remove Paving	3,630.00 sf	249	-	-	1,280	-	1,529
20	Remove Condensing Unit	1.00 ls	249	-	-	240	-	489
40	Rmv. & Backfill Piping	190.00 lf	498	304	-	1,440	-	2,242
	<b>Site Demolition</b>		<b>996</b>	<b>304</b>		<b>2,960</b>		<b>4,260</b>
	32.00 Labor hours							
	18.00 Equipment hours							
<b>2.005</b>	<b>Remove Topsoil</b>							
10	Remove Topsoil	360.00 cy	249	-	-	1,280	-	1,529
	<b>Remove Topsoil</b>		<b>249</b>			<b>1,280</b>		<b>1,529</b>
	8.00 Labor hours							
	8.00 Equipment hours							
<b>2.006</b>	<b>Replace Topsoil</b>							
10	Replace Topsoil	360.00 cy	1,992	-	-	1,280	-	3,272
	<b>Replace Topsoil</b>		<b>1,992</b>			<b>1,280</b>		<b>3,272</b>
	64.00 Labor hours							
	16.00 Equipment hours							
<b>2.010</b>	<b>Bulk Cut</b>							
20	Bulk Cut To Fill w/Dozer	520.00 cy	249	-	-	880	-	1,129
40	Spread And Compact Bulk Cut in Fill Area	520.00 cy	249	-	-	880	-	1,129
	<b>Bulk Cut</b>		<b>498</b>			<b>1,760</b>		<b>2,258</b>
	16.00 Labor hours							
	16.00 Equipment hours							
<b>2.011</b>	<b>Bulk Fill</b>							
10	Buy, Spread & Compact Bulk Fill - Building Perimeter Grading	1,300.00 cy	996	12,480	-	3,520	-	16,996
10	Buy, Spread & Compact Bulk Fill - Inside '49 Building	800.00 cy	1,494	7,680	-	3,520	-	12,694
	<b>Bulk Fill</b>		<b>2,490</b>	<b>20,160</b>		<b>7,040</b>		<b>29,690</b>
	80.00 Labor hours							
	32.00 Equipment hours							
<b>2.018</b>	<b>Erosion Control</b>							
10	Siltation Fence	450.00 lf	498	675	-	338	-	1,511
60	Snow Fence Disturbance Limit	450.00 lf	498	900	-	0	-	1,398
	<b>Erosion Control</b>		<b>996</b>	<b>1,575</b>		<b>338</b>		<b>2,909</b>
	32.00 Labor hours							
<b>2.022</b>	<b>Paving Subbase</b>							
10	12" Crushed Gravel Subbase @ Sidewalk & Paving	200.00 cy	996	3,150	-	1,600	-	5,746

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>Paving Subbase</b>		996	3,150		1,600		5,746
	32.00 Labor hours							
	16.00 Equipment hours							
<b>2.025</b>	<b>Asphalt Paving</b>							
40	Asphalt Paving 3.0" (375 sy)	0.00 sy	-	-	0	-	-	-
<b>2.041</b>	<b>Storm Drainage</b>							
12	6" PVC Storm Drainage - Allowance	80.00 lf	498	280	-	1,280	-	2,058
12	Drainage Adjustment - Meeting of 4/23	1.00 ls			(2,500)		-	(2,500)
	<b>Storm Drainage</b>		498	280	(2,500)	1,280		(442)
	16.17 Labor hours							
	8.06 Equipment hours							
<b>2.050</b>	<b>Inlet &amp; Outlet Structures</b>							
10	Yard Inlet	0.00 ea	0	0	-	0	-	-
20	Flared End	0.00 ea	0	0	-	0	-	-
<b>2.051</b>	<b>Manholes</b>							
20	4' Diameter Manhole - Labor & Equipment	12.00 vf	498	1,200	-	800	-	2,498
30	4' Diameter Base	1.00 ea	-	120	-	-	-	120
40	4' Diameter Top	1.00 ea	-	140	-	-	-	140
50	4' Diameter Riser	12.00 vf	-	960	-	-	-	960
60	Cut Outs For Pipe w/Gasket	5.00 ea	-	375	-	-	-	375
70	Frame & Cover	1.00 ea	-	420	-	-	-	420
80	Brick @ Cover	1.00 ea	498	150	-	-	-	648
90	Form Inverts	3.00 ea	747	153	-	-	-	900
	<b>Manholes</b>		1,743	3,518		800		6,061
	56.00 Labor hours							
	8.00 Equipment hours							
<b>2.080</b>	<b>Gravel at Slabs</b>							
10	1' Gravel At Slab	360.00 cy	1,494	5,519	-	1,600	-	8,613
	<b>Gravel at Slabs</b>		1,494	5,519		1,600		8,613
	48.00 Labor hours							
	16.00 Equipment hours							
<b>2.105</b>	<b>French Drains</b>							
10	Stone Drip @ Eave	162.00 lf	672	501	-		-	1,173
	<b>French Drains</b>		672	501				1,173
	21.60 Labor hours							
	10.80 Equipment hours							
<b>2.107</b>	<b>Filter Fabric</b>							
30	Filter Fabric @ Paving & Sidewalks	4,400.00 sf	137	370	-	-	-	507
	<b>Filter Fabric</b>		137	370				507
	4.40 Labor hours							
<b>2.108</b>	<b>Perimeter Underdrain</b>							
10	4" Perforated Underdrain	300.00 lf	498	612	-		-	1,110
	<b>Perimeter Underdrain</b>		498	612				1,110
	16.00 Labor hours							
	12.00 Equipment hours							
<b>2.110</b>	<b>Exterior Finish Grade</b>							
10	Exterior Finish Grade	130.00 sqr	747	-	-	720	-	1,467

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>Exterior Finish Grade</b>		<u>747</u>			<u>720</u>		<u>1,467</u>
	24.00 Labor hours							
	8.00 Equipment hours							
<b>2.135</b>	<b>Fencing/Guardrail</b>							
10	Fencing-Temp + 2 Gates	550.00 lf	-	-	<u>4,400</u>	-	-	<u>4,400</u>
	<b>Fencing/Guardrail</b>				<u>4,400</u>			<u>4,400</u>
<b>2.140</b>	<b>Landscaping</b>							
10	Seeding & Mulching	12,800.00 sf	-	-	<u>2,016</u>	-	-	<u>2,016</u>
	<b>Landscaping</b>				<u>2,016</u>			<u>2,016</u>
<b>2.172</b>	<b>Water System</b>							
2cop	2" HDPE Water Line	75.00 lf	<u>498</u>	<u>268</u>	-	<u>960</u>	-	<u>1,726</u>
	<b>Water System</b>		<u>498</u>	<u>268</u>		<u>960</u>		<u>1,726</u>
	16.00 Labor hours							
	8.00 Equipment hours							
<b>2.174</b>	<b>Sanitary System</b>							
12	Pipe-SDR 35- 6"	208.00 lf	<u>1,494</u>	<u>874</u>	-	<u>2,560</u>	-	<u>4,928</u>
	<b>Sanitary System</b>		<u>1,494</u>	<u>874</u>		<u>2,560</u>		<u>4,928</u>
	48.000 Labor hours							
	16.00 Equipment hours							
<b>2.180</b>	<b>Site Concrete</b>							
10	Porch Slab on Grade	750.00 sf	-	-	<u>3,750</u>	-	-	<u>3,750</u>
	<b>Site Concrete</b>				<u>3,750</u>			<u>3,750</u>
<b>2.190</b>	<b>Planting</b>							
10	Plantings - Remove & Replace Existing Trees	2.00 ea	-	-	<u>700</u>	-	-	<u>700</u>
10	New Plantings-Reduce by 1/2 - Meeting of 4/23	0.50 ls	-	-	<u>1,250</u>	-	-	<u>1,250</u>
	<b>Planting</b>				<u>1,950</u>			<u>1,950</u>
<b>2.199</b>	<b>General Sitework</b>							
10	GeoFoam Fill @ '49 Building Basement	2,832.00 cf	<u>498</u>	<u>11,328</u>			-	<u>11,826</u>
10	Misc Sitework	1.00 ls	<u>1,400</u>	<u>500</u>		<u>1,920</u>	-	<u>3,820</u>
	<b>General Sitework</b>		<u>1,898</u>	<u>11,828</u>		<u>1,920</u>		<u>15,646</u>
	56.001 Labor hours							
	113,296.00 Equipment hours							
	<b>SITWORK</b>		<u>18,457</u>	<u>49,457</u>	<u>9,616</u>	<u>27,058</u>	<u>0</u>	<u>104,588</u>
	586.17 Labor hours							
	113,496.86 Equipment hours							
<b>2.200</b>	<b>DEMOLITION</b>							
<b>2.210</b>	<b>Remove Concrete</b>							
10	Remove Concrete Foundation for New Louver	1.00 ls	<u>498</u>	-	<u>400</u>	<u>80</u>	-	<u>978</u>
	<b>Remove Concrete</b>		<u>498</u>		<u>400</u>	<u>80</u>		<u>978</u>
	16.00 Labor hours							
	16.00 Equipment hours							
<b>2.250</b>	<b>Building Demolition</b>							
10	Remove Buildings	15,000.00 sf			<u>82,500</u>			<u>82,500</u>
20	Misc. Interior Demolition	1.00 ls	<u>9,960</u>	-		<u>2,000</u>	<u>1,000</u>	<u>12,960</u>
20	Temporary Protection @ Exposed Boiler Roof	1.00 ls	<u>1,494</u>	<u>1,500</u>		<u>500</u>	<u>0</u>	<u>3,494</u>
30	Rubbish Removal For Demo	4.00 ea	-	-		-	<u>3,200</u>	<u>3,200</u>
40	Current Cleanup - Demo	4.00 wk	<u>623</u>	-		<u>20</u>	<u>20</u>	<u>663</u>

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total	
			Amount	Amount	Amount	Name	Amount	Amount	Amount
	<b>Building Demolition</b>		<u>12,077</u>	<u>1,500</u>	<u>82,500</u>		<u>2,520</u>	<u>4,220</u>	<u>102,817</u>
	388.00 Labor hours								
	160.00 Equipment hours								
<b>2.800</b>	<b>Hazardous Material</b>								
10	Asbestos Abatement By Owner - Meeting of 4/23	15,000.00 sf	-	-	0		-	-	
<b>2.900</b>	<b>Misc. Demolition Items</b>								
10	Add Chimney Allowance - Meeting of 4/23	1.00 ls		-	<u>10,000</u>		-	-	<u>10,000</u>
	<b>Misc. Demolition Items</b>				<u>10,000</u>				<u>10,000</u>
	<b>DEMOLITION</b>		<b>12,575</b>	<b>1,500</b>	<b>92,900</b>		<b>2,600</b>	<b>4,220</b>	<b>113,795</b>
	404.00 Labor hours								
	176.00 Equipment hours								
<b>3.000</b>	<b>CONCRETE</b>								
<b>3.101</b>	<b>Footing Concrete</b>								
10	Footing Concrete -	28.00 cy	-	-	7,700		-	-	7,700
	Forming/Rebar/Concrete-3000 psi								
20	Isolated Footing Concrete -	2.00 cy	-	-	550		-	-	550
	Forming/Rebar/Concrete-3000 psi								
	<b>Footing Concrete</b>				<u>8,250</u>				<u>8,250</u>
<b>3.121</b>	<b>Wall Concrete</b>								
10	Frost Wall Conc -	60.00 cy	-	-	18,000		-	-	18,000
	Forming/Rebar/Concrete-3000 psi								
10	Door & Louver Infills @ Existing Basement	5.00 cy	-	-	2,000		-	-	2,000
10	Lower Concrete Wall Height - Meeting of 4/23	1.00 ls	-	-	<u>(4,000)</u>		-	-	<u>(4,000)</u>
	<b>Wall Concrete</b>				<u>16,000</u>				<u>16,000</u>
<b>3.161</b>	<b>Pier Concrete</b>								
10	Pier Concrete - Forming/Rebar/Concrete-3000 psi	1.00 cy	-	-	1,500		-	-	1,500
	<b>Pier Concrete</b>				<u>1,500</u>				<u>1,500</u>
<b>3.181</b>	<b>Slab On Grade Concrete</b>								
10	4" Slab on Grade -	61.00 cy	-	-	16,775		-	-	16,775
	Reinforcing/Concrete/Finishing								
10	6" Slab on Grade @ Entries	2.00 cy	-	-	600		-	-	600
30	Slab on Grade - Thickened Slab for Bearing Walls & Slab Edge	4.00 cy	-	-	1,000		-	-	1,000
	<b>Slab On Grade Concrete</b>				<u>18,375</u>				<u>18,375</u>
<b>3.261</b>	<b>Stair/Step Concrete</b>								
----	Add Concrete Stairs & Rails in Boiler Room - Meeting of 4/23	1.00 ls			<u>5,000</u>		-	-	5,000
	<b>Stair/Step Concrete</b>				<u>5,000</u>				<u>5,000</u>
<b>3.268</b>	<b>Fill Pan Stairs</b>								
c 30	Fill Pan Stairs 3000 psi	29.00 rs	<u>1,120</u>	<u>747</u>	-		-	-	<u>1,867</u>
	<b>Fill Pan Stairs</b>		<u>1,120</u>	<u>747</u>					<u>1,867</u>
	32.000 Labor hours								
<b>3.321</b>	<b>Concrete at Corruform</b>								
10	Slab on Deck Concrete - Reinforcing/Concrete/Finishing	70.00 cy	-	-	24,500		-	-	24,500

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>Concrete at Corruform</b>				24,500			24,500
3.999	<b>Misc. Concrete</b>							
10	Patch Floor & Provide MH Cover	1.00 ls	1,120	800	0	-	-	1,920
	<b>Misc. Concrete</b>		1,120	800				1,920
	32.00 Labor hours							
	<b>CONCRETE</b>		2,240	1,547	73,625	0	0	77,412
	64.000 Labor hours							
4.000	<b>MASONRY</b>							
4.200	<b>Concrete Block</b>							
32	8" Rated Block @ Connection Alcoves	0.00 sf	-	-	0	-	-	
32	8" Rated Block @ Building Transition	2,160.00 sf	-	-	38,880	-	-	38,880
32	8" Rated Block @ South Stairs	1,500.00 sf	-	-	27,000	-	-	27,000
32	Grout @ Existing Walls	8.00 cy	-	-	2,400	-	-	2,400
32	Infill Existing Openings	1.00 loc	-	-	600	-	-	600
32	Bond Beam @ Existing Wall	72.00 lf	-	-	1,800	-	-	1,800
	<b>Concrete Block</b>				70,680			70,680
4.400	<b>Stone Masonry</b>							
cs10	Cultured Stone Veneer	600.00 sf			21,000	-	-	21,000
li10	Stone Sill	210.00 lf			5,250	-	-	5,250
	<b>Stone Masonry</b>				26,250			26,250
	<b>MASONRY</b>		0	0	96,930	0	0	96,930
5.000	<b>METALS</b>							
5.110	<b>Structural Framing</b>							
10	Structural Steel & Misc. Metals	1.00 ls	-	0	62,000	-	-	62,000
	<b>Structural Framing</b>				62,000			62,000
5.140	<b>Loose Lintels</b>							
----	Channel & Plate Lintel @ Louver Opening	1.00 each	140	160		-	-	300
	<b>Loose Lintels</b>		140	160				300
	4.00 Labor hours							
5.175	<b>Misc Structural</b>							
10b	Misc Structural-Beam @ Porch	46.00 lf	840	2,070		-	-	2,910
10c	Misc Structural-Columns @ Porch	5.00 ea	840	1,800		-	-	2,640
	<b>Misc Structural</b>		1,680	3,870				5,550
	48.000 Labor hours							
5.400	<b>LMF - Accessories, Tracks</b>							
66A	6"-14 ga. Track-1 1/4" Leg	450.00 lf	1,400	1,089	-	-	-	2,489
68A	6"-18 ga. Track-1 1/4" Leg	540.00 lf	1,400	653	-	-	-	2,053
CA2	Corner Angle-2" x 2"- 16 ga	554.00 ea	560	457	-	-	-	1,017
CR16	CR U-Channel-1 1/2"-16 ga	516.00 lf	280	96	-	-	-	376
LS18	Metal Framing 18 ga-Labor-Each	239.00 ea	3,360	-	-	-	-	3,360
LS20	Metal Framing 16 ga-Labor-Each	315.00 ea	4,200	-	-	-	-	4,200
S&P	Shots & Pins	739.40 ea	-	244	-	-	-	244
ScrF	Metal Framing Screws	2,648.93 ea	-	146	-	-	-	146

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>LMF - Accessories, Tracks</b>		<u>11,199</u>	<u>2,686</u>				<u>13,885</u>
	320.000 Labor hours							
<b>5.402</b>	<b>LMF - Studs 1 5/8" Flange</b>							
603	6" CSW-16 ga.- 12' Stud	284.00 ea	-	5,998	-	-	-	5,998
604	6" CSW-16 ga.- 14' Stud	16.00 ea	-	394	-	-	-	394
662	6" CSJ-16 ga.- 10' Stud Ledger @ Small Upper Truss	24.00 ea	560	422	-	-	-	982
682	6" CSW-18 ga.- 10' Stud	34.00 ea	-	468	-	-	-	468
683	6" CSW-18 ga.- 12' Stud	205.00 ea	-	3,383	-	-	-	3,383
1043	10" CSJ-16 ga.- Overbuild @ Existing Roof	1,210.00 lf	4,200	2,928	-	-	-	7,128
1062	10" CSJ-16 ga.- 10' Stud @ Window Headers	86.00 ea	1,680	2,081	-	-	-	3,761
1062	12" CSJ-14 ga.- 10' Stud @ Hallway Headers	16.00 ea	560	563	-	-	-	1,123
	<b>LMF - Studs 1 5/8" Flange</b>		<u>7,000</u>	<u>16,237</u>				<u>23,237</u>
	200.000 Labor hours							
<b>5.450</b>	<b>Light Gauge Metal Trusses</b>							
10	25' Span 4/12 LGM T1 Trusses @ 2'	32.00 ea	840	0	-	480	-	1,320
10	10' Span 4/12 LGM T2 Trusses @ 2'	39.00 ea	560	0	-	585	-	1,145
10	25' Span 4/12 LGM T3 Trusses @ 2'	38.00 ea	840	0	-	570	-	1,410
10	Light Gauge Metal Truss Bracing	2,200.00 lf	1,680	0	-	0	-	1,680
10	8' Span 4/12 LGM T4 Trusses @ 2'	7.00 ea	280	0	-	0	-	280
10	31' Span 4/12 LGM T5 Girder Trusses	2.00 ea	280	0	-	0	-	280
10	31' Span 4/12 LGM T6 Trusses @ 2'	6.00 ea	280	0	-	-	-	280
10	12' Span 4/12 LGM T7 Trusses @ 2'	24.00 ea	560	0	-	-	-	560
10	22' Span 4/12 LGM T8 Trusses @ 2'	28.00 ea	560	0	-	-	-	560
10	17' Span 4/12 LGM T9 Trusses @ 2'	6.00 ea	280	0	-	-	-	280
10	14' Span 4/12 LGM T10 Trusses @ 2'	12.00 ea	280	0	-	-	-	280
10	Light Gauge Metal Truss Bracing	200.00 lf	255	0	-	-	-	255
10	Metal Trusses & Bracing Material @ Porch	1.00 ls	-	3,500	-	-	-	3,500
10	Metal Trusses & Bracing Material	1.00 ls	-	37,830	-	-	-	37,830
	<b>Light Gauge Metal Trusses</b>		<u>6,694</u>	<u>41,330</u>		<u>1,635</u>		<u>49,659</u>
	191.35 Labor hours							
<b>5.505</b>	<b>Stair Flights</b>							
10	Open Grate Stairs w/Handrails @ Basement Entry	7.00 rs	-	-	3,500	-	-	3,500
	<b>Stair Flights</b>				<u>3,500</u>			<u>3,500</u>
<b>5.530</b>	<b>Ladders</b>							
20	Ladder To Unused Space	10.00 lf	44	500	-	-	-	544
20	Ladder To Attic Space	10.00 lf	44	500	-	-	-	544
	<b>Ladders</b>		<u>87</u>	<u>1,000</u>				<u>1,087</u>
	2.50 Labor hours							
<b>5.800</b>	<b>Expansion Joint</b>							
10	Expansion Joint	224.00 lf	1,680	2,822	-	-	-	4,502
	<b>Expansion Joint</b>		<u>1,680</u>	<u>2,822</u>				<u>4,502</u>
	48.00 Labor hours							
	<b>METALS</b>		<u>28,480</u>	<u>68,105</u>	<u>65,500</u>	<u>1,635</u>	<u>0</u>	<u>163,721</u>
	813.85 Labor hours							
<b>6.000</b>	<b>WOOD &amp; PLASTICS</b>							
<b>6.137</b>	<b>Roof Framing - Misc.</b>							
12	Facia Board- 2 x 6 Trtd	640.00 lf	1,680	380	-	-	-	2,060
12	Facia Board- 2 x 6 Trtd @ Porch	60.00 lf	210	36	-	-	-	246
22	Outrigger- 2 x 6 Trtd	440.00 lf	1,120	261	-	-	-	1,381
22	Outrigger- 2 x 6 Trtd @ Porch	80.00 lf	204	47	-	-	-	251

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>Roof Framing - Misc.</b>		<u>3,213</u>	<u>724</u>				<u>3,938</u>
	91.82 Labor hours							
<b>6.165</b>	<b>Stair Framing</b>							
10	Stair Framing - New Stairs @ Boiler Room - Meeting of 4/23	0.00 ls	0	0	-	-	-	
<b>6.210</b>	<b>Plywood Subfloor</b>							
34AD	Subfloor-3/4" Trtd Plywood @ Attic Mechanical Space	800.00 sf	840	1,008	-	-	-	1,848
	<b>Plywood Subfloor</b>		<u>840</u>	<u>1,008</u>				<u>1,848</u>
	24.000 Labor hours							
<b>6.230</b>	<b>Plywood Sheathing</b>							
12	Sheathing-1/2" Pine CDX	5,540.00 sf	2,800	3,490	-	-	-	6,290
716	1/2" FRT Plywood	5,960.00 sf	2,800	5,319	-	-	-	8,119
	<b>Plywood Sheathing</b>		<u>5,600</u>	<u>8,810</u>				<u>14,409</u>
	160.00 Labor hours							
<b>6.235</b>	<b>Roof Sheathing</b>							
58	5/8" FRT Roof Sheathing	8,800.00 sf	3,802	9,240	-	-	-	13,042
	<b>Roof Sheathing</b>		<u>3,802</u>	<u>9,240</u>				<u>13,042</u>
	108.641 Labor hours							
<b>6.238</b>	<b>Stressed Skin Panels</b>							
n NB45	4.5" Vented Nailboard 1/2" CDX	8,100.00 sf	8,399	24,300	-	-	-	32,699
	<b>Stressed Skin Panels</b>		<u>8,399</u>	<u>24,300</u>				<u>32,699</u>
	240.00 Labor hours							
<b>6.240</b>	<b>Soffits</b>							
14cd	1x4 T&G Vee Cedar	592.00 sf	2,240	4,142	-	-	-	6,381
HHRD	Hardi-plank Soffit	640.00 sf	1,120	848	-	-	-	1,968
	<b>Soffits</b>		<u>3,360</u>	<u>4,990</u>				<u>8,349</u>
	96.00 Labor hours							
<b>6.320</b>	<b>Blocking</b>							
10	Blocking 2 x 4 Trtd	2.10 mbf	4,200	1,147	-	-	-	5,346
10	Blocking 2 x 4 Trtd @ Porch Trim	0.80 mbf	2,400	437	-	-	-	2,837
20	Blocking 2 x 6 Trtd	0.681 mbf	840	400	-	-	-	1,240
20	Blocking 2 x 6 KD	1.153 mbf	1,400	484	-	-	-	1,884
	<b>Blocking</b>		<u>8,839</u>	<u>2,468</u>				<u>11,308</u>
	252.571 Labor hours							
<b>6.330</b>	<b>Furring Strips</b>							
13	Strapping-1 x 3 Trtd	5,839.00 lf	1,680	1,962	-	-	-	3,642
	<b>Furring Strips</b>		<u>1,680</u>	<u>1,962</u>				<u>3,642</u>
	48.00 Labor hours							
<b>6.410</b>	<b>Wood Siding</b>							
HRDI	Siding-Clapboard-Hardiplank 4" TTW	6,100.00 sf		10,568	20,958	-	-	31,526
HRDI	Add for Attic Access Panel - Meeting of 4/23	1.00 ls			3,800	-	-	3,800
	<b>Wood Siding</b>			<u>10,568</u>	<u>24,758</u>			<u>35,326</u>
<b>6.600</b>	<b>Exterior Millwork</b>							
hd10	5/4 x 10 Hardi Trim @ Parapet	60.00 lf	280	189	-	-	-	469
hd10	5/4 x 10 Hardi Trim @ Porch Columns	240.00 lf	1,120	756	-	-	-	1,876
hd12	5/4 x 12 Hardi Trim Gable	168.00 lf	840	706	-	-	-	1,546
hd12	5/4 x 12 Hardi Trim Gable & Columns @ Porch	187.00 lf	1,047	785	-	-	-	1,833
hdr4	1 x 2 Hardi Trim Eave & Rake	320.00 lf	1,120	269	-	-	-	1,389
hdr4	5/4 x 4 Hardi Trim Jamb, Sill & Parapet	840.00 lf		1,455	-	-	-	1,455
hdr4	1 x 2 Hardi Trim Eave & Rake @ Porch	190.00 lf	997	160	-	-	-	1,157

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
<b>6.600</b>	<b>Exterior Millwork</b>							
hdr6	5/4 x 6 Hardi Trim Corners	212.00 lf		579	-	-	-	579
hdr6	5/4 x 6 Hardi Trim Eave & Rake	320.00 lf	1,120	874	-	-	-	1,994
hdr6	5/4 x 6 Hardi Trim Window & Door Headers	280.00 lf		764	-	-	-	764
hdr6	5/4 x 6 Hardi Trim Freize	320.00 lf	1,680	874	-	-	-	2,553
hdr6	5/4 x 6 Hardi Trim Eave & Rake @ Porch	64.00 lf	280	175	-	-	-	455
	<b>Exterior Millwork</b>		<b>8,484</b>	<b>7,585</b>				<b>16,069</b>
	386.42 Labor hours							
<b>6.640</b>	<b>Interior Millwork</b>							
10	Wood Window Sills	280.00 lf	1,680	1,714	-	-	-	3,394
	<b>Interior Millwork</b>		<b>1,680</b>	<b>1,714</b>				<b>3,394</b>
	48.000 Labor hours							
<b>6.700</b>	<b>Cabinets-Shelves</b>							
10	Cabinetry & Millwork Allowance @ Classrooms	4.00 ea			64,000	-	-	64,000
10	Shelving Allowance @ Storage Rooms	4.00 ea			9,600	-	-	9,600
10	Cabinetry & Millwork Allowance @ Offices	10.00 ea			32,000	-	-	32,000
10	Cabinetry & Millwork Allowance @ Guidance & Conference	3.00 ea			13,800	-	-	13,800
	<b>Cabinets-Shelves</b>				<b>119,400</b>			<b>119,400</b>
<b>6.800</b>	<b>Fasteners &amp; Misc</b>							
10	Fasteners & Misc	3,700.00 ea	-	3,700	-	-	-	3,700
	<b>Fasteners &amp; Misc</b>			<b>3,700</b>				<b>3,700</b>
<b>6.999</b>	<b>Misc. Carpentry</b>							
10	Staging for Carpentry	3.00 mo	2,800	3,000	-	-	4,500	10,300
30	Tools and Equipment	12.00 wk	-	-	-	2,400	4,200	6,600
40	Misc. Carpentry	1.00 ls	1,680	600	-	-	-	2,280
60	Current Cleanup	20.00 wk	3,500	-	-	-	100	3,600
80	Rubbish Removal	2.00 ea	-	-	-	-	1,600	1,600
	<b>Misc. Carpentry</b>		<b>7,979</b>	<b>3,600</b>		<b>2,400</b>	<b>10,400</b>	<b>24,379</b>
	228.000 Labor hours							
	480.00 Equipment hours							
	<b>WOOD &amp; PLASTICS</b>		<b>53,877</b>	<b>80,668</b>	<b>144,158</b>	<b>2,400</b>	<b>10,400</b>	<b>291,503</b>
	1,683.451 Labor hours							
	480.00 Equipment hours							
<b>7.000</b>	<b>THERM. &amp; MOIST. PROTECT</b>							
<b>7.150</b>	<b>Vapor Barriers</b>							
10	Rain Screen	5,680.00 sf	840	1,789	-	-	-	2,629
10	Vapor Barrier	5,680.00 sf			4,828	-	-	4,828
30	Window & Door Seal	1,000.00 lf	560	400	-	-	-	960
	<b>Vapor Barriers</b>		<b>1,400</b>	<b>2,189</b>	<b>4,828</b>			<b>8,417</b>
	40.00 Labor hours							
<b>7.206</b>	<b>Insulation</b>							
130	Wet Pack Cellulose R21 - Meeting of 4/23	0.00 sf	-	-	0	-	-	
<b>7.210</b>	<b>Batt Insulation</b>							
10	3 1/2" Unfaced Glass Batt	1,802.31 sf	280	378	-	-	-	658
30	6" Unfaced Glass Batt - R-19	9,107.09 sf	1,400	2,869	-	-	-	4,269

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>Batt Insulation</b>		<u>1,680</u>	<u>3,247</u>				<u>4,927</u>
	48.00 Labor hours							
<b>7.215</b>	<b>Board Insulation</b>							
Fnd.	2.0" Foundation Insulation	3,080.00 sf	560	2,911	-	-	-	3,471
ex30	1" Rigid Insulation - Meeting of 4/23	0.00 sf	0	0	-	-	-	-
ex30	2-1/2" Rigid Insulation @ Roof	8,100.00 sf	4,200	10,206	-	-	-	14,406
ex30	3" Rigid Insulation @ Soffit, Eave & Parapet	1,680.00 sf	1,120	3,175	-	-	-	4,295
ex30	3" Rigid Insulation @ Exterior Walls - Meeting of 4/23	5,680.00 sf	4,200	10,735	-	-	-	14,935
ex50	2.0" Rigid @ Window Headers	1,640.00 sf	<u>560</u>	<u>1,722</u>	-	-	-	<u>2,282</u>
	<b>Board Insulation</b>		<u>10,639</u>	<u>28,749</u>				<u>39,388</u>
	304.000 Labor hours							
<b>7.245</b>	<b>Waterproofing</b>							
20	Membrane Waterproofing	240.00 sf	-	-	720	-	-	720
20	Dampproofing	1,963.00 sf	-	-	<u>1,570</u>	-	-	<u>1,570</u>
	<b>Waterproofing</b>				<u>2,290</u>			<u>2,290</u>
<b>7.311</b>	<b>Roofing Felt/Ice Shield</b>							
10	Ice & Water Shield	8,800.00 sf	1,843	3,511	-	-	-	5,354
40	Underlayment Roof Guard II	0.00 sf	<u>0</u>	<u>0</u>	-	-	-	<u>0</u>
	<b>Roofing Felt/Ice Shield</b>		<u>1,843</u>	<u>3,511</u>				<u>5,354</u>
	52.67 Labor hours							
<b>7.620</b>	<b>Sheet Mtl. Flashing</b>							
10	Flashings	1,380.00 lf	<u>1,374</u>	<u>1,811</u>	-	-	-	<u>3,186</u>
	<b>Sheet Mtl. Flashing</b>		<u>1,374</u>	<u>1,811</u>				<u>3,186</u>
	48.00 Labor hours							
<b>7.630</b>	<b>Gutters &amp; Downspouts</b>							
10	Al. 5" Gutter	0.00 lf	0	0	-	-	-	-
20	Al. Downspout	0.00 lf	0	0	-	-	-	-
<b>7.745</b>	<b>Roofing Accessories</b>							
dp8	Drip Edge-Galv.-8"	384.00 lf	269	155	-	-	-	424
rv1	Ridge Vent	140.00 lf	131	184	-	-	-	314
sv1	Soffit Vent	210.00 lf	<u>840</u>	<u>110</u>	-	-	-	<u>950</u>
	<b>Roofing Accessories</b>		<u>1,239</u>	<u>449</u>				<u>1,689</u>
	35.413 Labor hours							
<b>7.821</b>	<b>Fiberglass Shingle</b>							
325	Fiberglass Shingle, 30 yr Architectural	88.00 sq		<u>9,504</u>	<u>10,560</u>	-	-	<u>20,064</u>
	<b>Fiberglass Shingle</b>			<u>9,504</u>	<u>10,560</u>			<u>20,064</u>
<b>7.920</b>	<b>Caulking &amp; Sealants</b>							
20	Fire Safing & Sealant Allowance	1.00 ls	1,680	2,200	-	-	-	3,880
20	Caulk & Sealants	1,800.00 lf	<u>1,890</u>	<u>1,188</u>	-	-	-	<u>3,078</u>
	<b>Caulking &amp; Sealants</b>		<u>3,570</u>	<u>3,388</u>				<u>6,958</u>
	102.001 Labor hours							
	<b>THERM. &amp; MOIST. PROTECT</b>		<u>21,746</u>	<u>52,849</u>	<u>17,678</u>	<u>0</u>	<u>0</u>	<u>92,273</u>
	630.08 Labor hours							
<b>8.000</b>	<b>DOORS &amp; WINDOWS</b>							
<b>8.100</b>	<b>Hollow Metal</b>							
6	3070 Rated HM Door with Frame & Hardware	2.00 ea	560	0	-	-	-	560
6	3070 Insulated HM Door with Frame & Hardware	1.00 ea	280	0	-	-	-	280

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
8.100	<b>Hollow Metal</b>							
6	Doors, Frames & Hardware Material +2 Doors	1.00 ls		49,000	-	-	-	49,000
	<b>Hollow Metal</b>		840	49,000				49,840
	24.00 Labor hours							
8.130	<b>Special Frames</b>							
10	HM Borrow Lite-3 x 4	2.00 ea	140	420	-	-	-	560
	<b>Special Frames</b>		140	420				560
	4.00 Labor hours							
8.210	<b>Wood Doors</b>							
5	Pre-finished, Narrow Light, 20 Min. 3070 Door, Mtl Frame & Hardware	18.00 ea	5,040	0	-	-	-	5,040
5	Pre-finished, 20 Min. 3070 Door, Mtl Frame & Hardware	17.00 ea	4,760	0	-	-	-	4,760
7	Pre-finished 6070 Rated Door, Mtl Frame & Hardware	2.00 ea	700	0	-	-	-	700
7	Pre-finished 6070 Rated Door, Mtl Frame & Hardware @ Alcoves	4.00 ea	1,400	0	-	-	-	1,400
	<b>Wood Doors</b>		11,899					11,899
	340.00 Labor hours							
8.305	<b>Access Doors</b>							
10	3' x 3' Rated Access Panels	3.00 ea	420	1,350	-	-	-	1,770
10	3' x 4' Attic Access Hatch	3.00 ea	560	3,300	-	-	-	3,860
	<b>Access Doors</b>		980	4,650				5,630
	28.00 Labor hours							
8.410	<b>Aluminum Storefront</b>							
20	Aluminum Exterior Storefront	0.00 sf	-	-	0	-	-	-
40	Aluminum Doors 6070	1.00 ea	-	-	2,800	-	-	2,800
	<b>Aluminum Storefront</b>				2,800			2,800
8.620	<b>Wood Windows</b>							
10	Marvin Integrity - Type A	15.00 ea	1,575	11,100	-	-	-	12,675
10	Marvin Integrity - Type B	18.00 ea	1,890	19,440	-	720	-	22,050
	<b>Wood Windows</b>		3,465	30,540		720		34,725
	99.000 Labor hours							
8.710	<b>Finish Hardware</b>							
100	Add For Closers	18.00 ea	630	0	-	-	-	630
102	Add For Panic @ Double Door	6.00 ea	420	0	-	-	-	420
	<b>Finish Hardware</b>		1,050					1,050
	30.00 Labor hours							
8.810	<b>Glass &amp; Glazing</b>							
15	1/4" Wire/Tempered Glass	42.00 sf	-	-	504	-	-	504
	<b>Glass &amp; Glazing</b>				504			504
8.999	<b>Misc. Doors &amp; Windows</b>							
10	Material Handling	12.00 wk	6,720	-	-	-	-	6,720
	<b>Misc. Doors &amp; Windows</b>		6,720					6,720
	192.00 Labor hours							
<b>DOORS &amp; WINDOWS</b>			<b>25,093</b>	<b>84,610</b>	<b>3,304</b>	<b>720</b>	<b>0</b>	<b>113,727</b>
	717.00 Labor hours							

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
<b>9.000 FINISHES</b>								
<b>9.200 Drywall</b>								
10	GWB Firewalls at Building Connection(s)	624.00 sf	2,800	2,808				5,608
	<b>Drywall</b>		<b>2,800</b>	<b>2,808</b>				<b>5,608</b>
	80.00 Labor hours							
<b>9.210 Metal Stud Framing</b>								
301	3 5/8" STE-20 ga.- 8' Stud	168.00 ea	-	665	-	-	-	665
303	3 5/8" STE-20 ga.- 12' Stud	455.00 ea	-	2,703	-	-	-	2,703
603	6" STE-16 ga.- 12' Stud	446.00 ea	-	9,420	-	-	-	9,420
603	6" STE-20 ga.- 12' Stud	741.00 ea	-	6,358	-	-	-	6,358
604	6" STE-16 ga.- 14' Stud	30.00 ea	-	739	-	-	-	739
604	6" STE-20 ga.- 14' Stud	35.00 ea	-	350	-	-	-	350
30TA	3 5/8" - 20 ga. Track - 1 1/4" leg	1,630.00 lf	3,080	807	-	-	-	3,887
30TB	3 5/8" - 14 ga. Track - 2 1/2" leg	244.00 lf	840	698	-	-	-	1,538
30TB	3 5/8" - 20 ga. Track - 2 1/2" leg	80.00 lf	140	48	-	-	-	188
60TA	6" - 16 ga. Track - 1 1/4" leg	370.00 lf	840	611	-	-	-	1,450
60TA	6" - 16 ga. Track - 1 1/4" leg	400.00 lf	840	616	-	-	-	1,456
60TA	6" - 20 ga. Track - 1 1/4" leg	1,310.00 lf	2,240	937	-	-	-	3,177
60TB	6" - 16 ga. Track - 2 1/2" leg	60.00 lf	140	119	-	-	-	259
60TB	6" - 20 ga. Track - 2 1/2" leg	680.00 lf	1,120	561	-	-	-	1,681
CH22	2 1/2" - 20 ga. C-H stud - 10'	116.00 ea	-	1,085	-	-	-	1,085
CH24	2 1/2" - 20 ga. C-H stud - 14'	28.00 ea	-	367	-	-	-	367
FC25	7/8" - 25 ga. Furring Channel	3,931.381 lf	4,200	1,514	-	-	-	5,713
FC25	7/8" - 25 ga. Furring Channel @ Porch Ceiling	592.00 lf	693	228	-	-	-	921
FC25	7/8" - 25 ga. Furring Channel @ Ceiling	5,750.00 lf	5,600	2,214	-	-	-	7,813
JR2	2 1/2" - 20 ga. J Runner	260.00 lf	-	238	-	-	-	238
f 10	Shots & Pins	438.00 ea	-	173	-	-	-	173
f 10	Shots & Pins	5,929.28 ea	-	1,957	-	-	-	1,957
flab	Metal Framing-Labor-Each	1,671.00 ea	18,199	-	-	-	-	18,199
frms	Metal Stud Framed Soffit/Fascia-Labor	411.00 ea	5,600	-	-	-	-	5,600
sc f	Metal Framing Screws	10,179.93 ea	-	616	-	-	-	616
z150	3' 20-ga. Z Furring @ Exterior Wall	0.00 lf	0	0	-	-	-	0
	<b>Metal Stud Framing</b>		<b>43,530</b>	<b>33,022</b>				<b>76,551</b>
	1,243.79 Labor hours							
<b>9.250 Drywall Ceilings</b>								
30	Drywall Ceiling on Mtl Framing @ Vestibules	172.00 sf	2,240	688	-	-	-	2,928
30	Drywall Ceiling on Trusses @ Attic Mechanical	426.00 sf	1,120	426	-	-	-	1,546
30	1 hr Rated Drywall Ceiling @ 2nd Floor Hallway	1,014.00 sf	2,800	3,042	-	-	-	5,842
	<b>Drywall Ceilings</b>		<b>6,160</b>	<b>4,156</b>				<b>10,316</b>
	176.00 Labor hours							
<b>9.260 Drywall</b>								
1"SL	Gypsum-Shaft Liner-1"	984.00 sf	1,230	595	-	-	-	1,825
58DG	Gypsum-Sheathing-5/8" Densglass	0.00 sf	0	0	-	-	-	0
58FC	Gypsum-5/8"-Type X	1,240.00 sf	1,680	409	-	-	-	2,089
58FC	Gypsum-5/8"-Type X @ Roof Trusses	6,390.00 sf	4,659	2,109	-	-	-	6,768
58FC	Gypsum-5/8"-Type X	29,271.140 sf	22,367	9,659	-	-	-	32,027
58FC	Gypsum-5/8"-Type X @ Mechanical Ceiling & Draftstop	800.00 sf	840	264	-	-	-	1,104
58GS	Hi-Abuse	4,042.88 sf	2,948	2,224	-	-	-	5,171
58MR	Gypsum-5/8"-MR	2,709.960 sf	1,976	1,043	-	-	-	3,019
Bd01	Gypsum-Metal Corner Bead	340.00 lf	476	75	-	-	-	551
sc 1	Gypsum-Drywall Screws	54,735.341 ea	-	602	-	-	-	602

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	<b>Drywall</b>		<b>36,176</b>	<b>16,980</b>				<b>53,156</b>
	1,033.653 Labor hours							
<b>9.510</b>	<b>Acoustical Ceilings</b>							
sub	2' x 4' Acoustical Ceilings	8,760.00 sf	-	-	19,710	-	-	19,710
sub	2' x 2' Acoustical Ceilings	1,925.00 sf	-	-	5,294	-	-	5,294
	<b>Acoustical Ceilings</b>				<b>25,004</b>			<b>25,004</b>
<b>9.700</b>	<b>Ceramic Tile</b>							
10	Ceramic Tile Walls - Full Hgt on Wet Walls Only - Meeting of 4/23	504.00 sf	-	-	6,048	-	-	6,048
20	Ceramic Tile Floors	767.00 sf	-	-	7,670	-	-	7,670
25	Quarry Tile Floors	0.00 sf	-	-	0	-	-	0
	<b>Ceramic Tile</b>				<b>13,718</b>			<b>13,718</b>
<b>9.860</b>	<b>Resilient Tile &amp; Carpet</b>							
10	Floor Prep.	7,824.00 sf	1,186	1,807	-	-	-	2,993
20	Vinyl Base	2,106.00 lf	-	-	2,843	-	-	2,843
31	VCT	7,824.00 sf	-	-	15,648	-	-	15,648
40	Carpet - \$30/yd	1,880.00 sf	-	-	6,580	-	-	6,580
50	Rubber Flooring	382.00 sf	-	-	5,730	-	-	5,730
70	Rubber Stair Treads & Risers	80.00 lf	-	-	1,120	-	-	1,120
	<b>Resilient Tile &amp; Carpet</b>		<b>1,186</b>	<b>1,807</b>	<b>31,921</b>			<b>34,914</b>
	33.88 Labor hours							
<b>9.980</b>	<b>Taping</b>							
ts 1	Tape GWB-Walls-3 Coats	35,840.97 sf	-	-	17,920	-	-	17,920
ts 2	Tape GWB-Fire Tape-1 Coat	7,200.00 sf	-	-	2,160	-	-	2,160
	<b>Taping</b>				<b>20,080</b>			<b>20,080</b>
<b>9.990</b>	<b>Painting</b>							
30	Paint/Finish Interior Trim	280.00 lf	-	-	350	-	-	350
40	Paint Exterior Trim	2,520.00 lf	-	-	3,150	-	-	3,150
40	Paint Exterior Trim @ Porch	681.00 lf	-	-	851	-	-	851
50	Paint Exterior Siding/Soffit	6,740.00 sf	-	-	4,718	-	-	4,718
50	Paint Exterior Soffit @ Porch	592.00 sf	-	-	414	-	-	414
ps 1	Paint Walls & Ceilings-3 Coats	35,205.41 sf	-	-	21,123	-	-	21,123
ps 2	Paint Doors & Frames	3.00 ea	-	-	225	-	-	225
ps 5	Paint Masonry	0.00 sf	-	-	0	-	-	0
	<b>Painting</b>				<b>30,832</b>			<b>30,832</b>
<b>9.999</b>	<b>Misc. Finishes</b>							
20	Current Cleanup	24.00 wk	4,200	-	-	-	120	4,320
30	Final Cleanup	12,570.00 sf	-	-	4,400	-	-	4,400
40	Rubbish Removal	4.00 ea	-	-	-	-	3,200	3,200
	<b>Misc. Finishes</b>		<b>4,200</b>		<b>4,400</b>		<b>3,320</b>	<b>11,919</b>
	120.00 Labor hours							
	<b>FINISHES</b>		<b>94,050</b>	<b>58,773</b>	<b>125,955</b>	<b>0</b>	<b>3,320</b>	<b>282,098</b>
	2,687.32 Labor hours							
<b>10.000</b>	<b>SPECIAL CONDITIONS</b>							
<b>10.110</b>	<b>Chalk &amp; Tack Boards</b>							
04TB	Tack Board- 4' x 4'	1.00 ea	35	192	-	-	-	227
04TB	Tack Board- 4' x 6'	15.00 ea	525	4,320	-	-	-	4,845
04TB	Tack Board- 4' x 8'	2.00 ea	70	768	-	-	-	838
08MB	Marker Board- 4' x 4'	1.00 ea	35	192	-	-	-	227
08MB	Marker Board- 4' x 6'	4.00 ea	140	1,152	-	-	-	1,292

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
<b>10.110 Chalk &amp; Tack Boards</b>								
08MB	Marker Board- 4' x 8'	1.00 ea	35	384	-	-	-	419
16MB	Marker Board- 4' x 12' - Meeting of 4/23	2.00 ea	70	1,536	-	-	-	1,606
	<b>Chalk &amp; Tack Boards</b>		<b>910</b>	<b>8,544</b>				<b>9,454</b>
	26.00 Labor hours							
<b>10.160 Toilet Partition</b>								
20	Toilet Partitions-Overhead Braced, Solid Plastic	6.00 ea	1,260	4,800	-	-	-	6,060
	<b>Toilet Partition</b>		<b>1,260</b>	<b>4,800</b>				<b>6,060</b>
	36.000 Labor hours							
<b>10.161 Urinal Screens</b>								
20	Urinal Screens-Solid Plastic	2.00 ea	210	640	-	-	-	850
	<b>Urinal Screens</b>		<b>210</b>	<b>640</b>				<b>850</b>
	6.00 Labor hours							
<b>10.200 Vents &amp; Louvers</b>								
20	Louvers-Aluminum-By Square Feet	80.00 sf	640	2,000	-	-	-	2,640
	<b>Vents &amp; Louvers</b>		<b>640</b>	<b>2,000</b>				<b>2,640</b>
	18.29 Labor hours							
<b>10.430 Signage</b>								
10	Signage - ADA	36.00 ea	315	900	-	-	-	1,215
10	Signage - Directory	1.00 ea	35	400	-	-	-	435
	<b>Signage</b>		<b>350</b>	<b>1,300</b>				<b>1,650</b>
	10.00 Labor hours							
<b>10.500 Lockers &amp; Benches</b>								
10	Metal Lockers-Duplex-Reduce by 40 - Meeting of 4/23	60.00 ea	2,100	7,200	-	-	-	9,300
	<b>Lockers &amp; Benches</b>		<b>2,100</b>	<b>7,200</b>				<b>9,300</b>
	60.00 Labor hours							
<b>10.522 Fire Ext. &amp; Cabinets</b>								
10	Fire Extinguisher-10# ABC	4.00 ea	70	300	-	-	-	370
20	Extinguisher Cabinet-Fully Recessed-Full Glass	4.00 ea	140	600	-	-	-	740
	<b>Fire Ext. &amp; Cabinets</b>		<b>210</b>	<b>900</b>				<b>1,110</b>
	6.00 Labor hours							
<b>10.811 Toilet Paper Holder</b>								
10	Toilet Paper Holder - OFCI	8.00 ea	140		-	-	-	140
	<b>Toilet Paper Holder</b>		<b>140</b>					<b>140</b>
	4.00 Labor hours							
<b>10.812 Mirror</b>								
10	Mirror 18 x 36	10.00 ea	175	560	-	-	-	735
	<b>Mirror</b>		<b>175</b>	<b>560</b>				<b>735</b>
	5.00 Labor hours							
<b>10.814 Grab Bars</b>								
20	Grab Bar 36"	6.00 ea	241	180	-	-	-	421
30	Grab Bar 42"	6.00 ea	241	192	-	-	-	433
	<b>Grab Bars</b>		<b>483</b>	<b>372</b>				<b>855</b>
	13.80 Labor hours							
<b>10.815 Toilet Access - Other</b>								
50	Soap Dispenser - OFCI	6.00 ea	105		-	-	-	105
70	Robe Hook- B 2116	8.00 ea	70	112	-	-	-	182
70	Electric Hand Dryer	0.00 ea	0	0	-	-	-	

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total
			Amount	Amount	Amount	Name	Amount	Amount
	Toilet Access - Other		175	112				287
	5.00 Labor hours							
	<b>SPECIAL CONDITIONS</b>		<b>6,653</b>	<b>26,428</b>	<b>0</b>		<b>0</b>	<b>33,081</b>
	190.09 Labor hours							
<b>11.000</b>	<b>EQUIPMENT</b>							
<b>11.032</b>	<b>Projection Screens</b>							
10	Projection Screen Surface - Meeting of 4/23	0.00 ea	0	0	-	-	-	
	<b>EQUIPMENT</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>12.000</b>	<b>FURNISHINGS</b>							
<b>12.500</b>	<b>Entrance Mats</b>							
10	Pedi-Grid Recessed Frame & Mat - Meeting of 4/23	0.00 sf	0	0	-	-	-	
<b>12.510</b>	<b>Blinds</b>							
10	Window Treatment	0.00 locs	0	0	-	-	-	
	<b>FURNISHINGS</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>15.000</b>	<b>MECHANICAL</b>							
<b>15.300</b>	<b>Sprinkler</b>							
10	Sprinkler-Wet System (includes existing boiler room & attic)	0.00 sf	-	-	0	-	-	
<b>15.400</b>	<b>Plumbing</b>							
sub	Plumbing	1.00 ls	-	-	84,000	-	-	84,000
sub	Deduct from Plumbing - Meeting of 4/23	1.00 ls	-	-	(19,000)	-	-	(19,000)
	<b>Plumbing</b>				<b>65,000</b>			<b>65,000</b>
<b>15.500</b>	<b>HVAC</b>							
10	HVAC & Controls (includes unit ventilators)	1.00 ls	-	-	411,000	-	-	411,000
20	Mechanical Cost Reduction Items	1.00 ls	-	-	(126,700)	-	-	(126,700)
20	Add Occupancy Sensors to HVAC - Meeting of 4/23	1.00 ls	-	-	2,000	-	-	2,000
	<b>HVAC</b>				<b>286,300</b>			<b>286,300</b>
	<b>MECHANICAL</b>		<b>0</b>	<b>0</b>	<b>351,300</b>	<b>0</b>	<b>0</b>	<b>351,300</b>
<b>16.000</b>	<b>ELECTRICAL</b>							
<b>16.001</b>	<b>Electrical</b>							
sub	Electrical-Budget	1.00 ls	-	-	191,000	-	-	191,000
sub	Deduct from Electrical - Meeting of 4/23	1.00 ls	-	-	(15,000)	-	-	(15,000)
	<b>Electrical</b>				<b>176,000</b>			<b>176,000</b>

Item	Description	Takeoff Qty	Labor	Material	Subcontract	Equipment	Other	Total	
			Amount	Amount	Amount	Name	Amount	Amount	Amount
<b>ELECTRICAL</b>			0	0	176,000		0	0	176,000
<b>17.000</b>	<b>SQUARE FOOT COSTS</b>								
<b>17.300</b>	<b>Unit Building</b>								
10	Eliminate the Stone Veneer and Change to Hardi-plank Siding & Trim - Meeting of 4/23	1.00 Is			(21,430)		-	-	(21,430)
10	Eliminate the West Porch - Meeting of 4/23	1.00 Is			(38,600)		-	-	(38,600)
10	Add Protective Roof and Increase Walkway In Lieu of West Porch - Meeting of 4/23	1.00 Is			4,600		-	-	4,600
	<b>Unit Building</b>				(55,430)				(55,430)
	<b>SQUARE FOOT COSTS</b>		0	0	(55,430)		0	0	(55,430)

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost per Unit
Labor	263,171		7,775.951 hrs		17.903
Material	423,938				28.839
Subcontract	1,101,536				74.934
Equipment	34,413		114,152.856 hrs		2.341
Other	17,940				1.220
	<u>1,840,998</u>	<u>1,840,998</u>			<u>125.238</u>
MEP Sub Bonds @ 1.5%	7,696				0.524
	<u>7,696</u>	<u>1,848,694</u>			<u>125.761</u>
Temp Heat Allowance	10,000				0.680
	<u>10,000</u>	<u>1,858,694</u>			<u>126.442</u>
Contingency Lump Sum	109,000				7.415
	<u>109,000</u>	<u>1,967,694</u>			<u>133.857</u>
CM Fees					
		<u>1,967,694</u>			<u>133.857</u>
P & P Bonds on \$2,000,000					
		<u>1,967,694</u>			<u>133.857</u>
<b>Total</b>		<b>1,967,694</b>			<b>133.857</b>