

FENTON CHESTER ARENA
PRELIMINARY BUDGET #1
26,000 sf Renovation + 7,900 sf Addition = 33,900 sf

Project name	Fenton Chester Arena - Preliminary Budget #1 145 College Circle Lyndon Center VT 05850
Labor rate table	Central Vt Rates
Job size	33900 SF
Report format	Sorted by 'Alternate/Group phase/Phase' 'Detail' summary Paginate
Alternates	00 Base Budget, 01 Add Cover Board @ Roof, 02 Use Ply In Lieu of OSB @ Roof

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
00 Base Budget														
	1100.00		GENERAL REQUIREMENTS											
		1101.00	<i>Personnel: Supervision</i>											
			Superintendent (Full Time)	10.00 mo	121,333	2,000		-		5,200	-	128,533	46,794	175,327
			Superintendents Gas (90 mi Rd. Trip x 220 Trips)	1,320.00 gal	-	4,620		-		-	-	4,620	1,235	5,855
			<i>Personnel: Supervision</i>		121,333	6,620				5,200		133,153	48,028	181,182
		1131.00	<i>Personnel: Proj. Managmnt</i>											
			Project Manager (1/3 Time)	10.00 mo	43,333	700		-		1,733	-	45,767	16,668	62,434
			Project Managers Gas (90 mi Rd. Trip x 50 Trips)	300.00 gal	-	1,050		-		-	-	1,050	281	1,331
			<i>Personnel: Proj. Managmnt</i>		43,333	1,750				1,733		46,817	16,948	63,765
		1355.00	<i>Temp: Protection</i>											
			Temporary Fence - Chain Link	150.00 lf	-	-		1,125		-	-	1,125	301	1,426
			Temporary Fence - Chain Link - Gate	2.00 ea	-	-		600		-	-	600	160	760
			<i>Temp: Protection</i>					1,725				1,725	461	2,186
		1400.00	<i>Winter Conditions</i>											
			Tenting & Heating	Is				-		-	-			
			Temporary Heat	Is				-		-	-			
			Snow Removal	Is				-		-	-			
			Winter Conditions	Is				-		-	-			
		1511.00	<i>Temp: Utilities</i>											
			Temp Electricity (Assume Use of Existing Power Paid For By Owner)	mo	-				Owner	-	-			
			Temp Phone (Cell)	10.00 mo	-	1,000		-		-	-	1,000	267	1,267
			Temp Water (Assume Use of Existing Water Paid For By Owner)	mo					Owner	-	-			
			<i>Temp: Utilities</i>			1,000						1,000	267	1,267
		1521.00	<i>Temp: Facilities</i>											
			Storage (Conex) 2 each	20.00 mo	5,200	-		-		2,600	-	7,800	2,760	10,560
			Temp. Toilet	10.00 mo	-	-		1,700		-	-	1,700	454	2,154
			Temp. Toilet - ADA	10.00 mo	-	-		2,500		-	-	2,500	668	3,168
			<i>Temp: Facilities</i>		5,200			4,200		2,600		12,000	3,883	15,883
		1590.02	<i>Office Supplies</i>											
			Office Supplies	mo	-			-		-	-			
		1591.00	<i>Office Equipment</i>											
			Office Trailer - Rental	10.00 mo	2,600	7,500		-		-	-	10,100	2,959	13,059
			Office Trailer - Delivery/Pick-Up	1.00 ea	-	360		-		-	-	360	96	456
			Buy Extra Plans & Specs	5.00 ea	-	1,500		-		-	-	1,500	401	1,901
			<i>Office Equipment</i>		2,600	9,360						11,960	3,456	15,416
		1592.05	<i>Controls: Safety</i>											
			Safety Director	10.00 mo	10,400	1,500		-		-	-	11,900	4,220	16,120
			<i>Controls: Safety</i>		10,400	1,500						11,900	4,220	16,120
		1651.00	<i>Engineer/Architect Fees</i>											
			Permits (Assume By Owner)	Is	-				Owner	-	-			
			Engineer Fee (Assume By Owner)	Is	-	-			Owner	-	-			
			Architect Fee (Assume By Owner)	Is	-	-			Owner	-	-			
		1701.10	<i>Surveying</i>											
			Surveying	1.00 Is				5,000		-	-	5,000	1,336	6,336

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
			<i>Surveying</i>					5,000				5,000	1,336	6,336
		1705.00	<i>Clean Up</i>											
			Continuous Cleanup (1 mh/day)	44.00 wk	14,300	2,200		-		-	-	16,500	5,839	22,339
			Dumpsters (30 cy)	10.00 ea	-	15,000		-		-	-	15,000	4,009	19,009
			Final Cleanup (Arena Area)	26,000.00 sf	5,070	650		-		-	-	5,720	2,036	7,756
			Final Cleanup (Other Areas)	7,900.00 sf	3,081	395		-		-	-	3,476	1,237	4,713
			<i>Clean Up</i>		22,451	18,245						40,696	13,120	53,816
		1730.00	<i>Tools & Equipment</i>											
			EFW Fork Lift (Material Handling)	5.00 mo	-	-		-		10,833	-	10,833	3,545	14,378
			19' Scissor Lift Rental - Electric w/Env. Fees	5.00 mo	-	-		-		3,150	-	3,150	1,031	4,181
			37'-44' Telescopic Boom Lift Rental w/Env. Fees	5.00 mo	-	-		-		13,500	-	13,500	4,418	17,918
			Delivery & Pick-Up Fees (Both Ways)	3.00 ea	-	-		-		1,200	-	1,200	393	1,593
			<i>Tools & Equipment</i>							28,683		28,683	9,386	38,069
		1801.00	<i>Insurance</i>											
			Builders Risk Insurance (Assume By Owner)	Is	-	-			Owner	-	-			
		1900.00	<i>Testing</i>											
			Compaction Testing	1.00 Is	-	-		2,500		-	-	2,500	668	3,168
			Concrete Testing	1.00 Is	-	-		2,500		-	-	2,500	668	3,168
			<i>Testing</i>					5,000				5,000	1,336	6,336
			GENERAL REQUIREMENTS		205,318	38,475		15,925		38,217		297,934	102,443	400,377
	2050.00		DEMOLITION											
		2060.00	<i>Demolition Disposal Fees</i>											
			Demolition Debris Disposal Fees	600.00 cy	-	30,000		-		-	-	30,000	8,017	38,017
			<i>Demolition Disposal Fees</i>			30,000						30,000	8,017	38,017
		2075.00	<i>Demo: Concrete</i>											
			Cut 8" TOW @ CL 2	223.00 lf				8,920	VT Conc Cutting	-	-	8,920	2,384	11,304
			Remove 8" TOW @ CL 2	223.00 sf	725			-		-	-	725	266	991
			Cut 8" TOW @ CL 7&8	290.00 lf	-	-		11,600	VT Conc Cutting	-	-	11,600	3,100	14,700
			Remove 8" TOW @ CL 7&8	290.00 sf	943			-		-	-	943	346	1,289
			Cut 4" SOG @ CL 7&8 (3'x3' Squares)	3,000.00 lf				45,000	VT Conc Cutting	-	-	45,000	12,025	57,025
			Remove 4" SOG @ CL 7&8	4,070.00 sf	13,228			-		-	-	13,228	4,858	18,085
			Cut 8" TOW @ North Egress Door	4.00 lf				160	VT Conc Cutting	-	-	160	43	203
			Remove 8" TOW @ North Egress Door	4.00 sf	13			-		-	-	13	5	18
			Remove Ties @ Column Lines	If					By Others	-	-			
			Remove Ice Slab	If					By Others	-	-			
			<i>Demo: Concrete</i>		14,908			65,680				80,588	23,026	103,614
		2079.00	<i>Demo: Exterior Finishes</i>											
			Remove Exterior Siding & Insulation - East Front (186 lf x 10')	1,860.00 sf	3,627			-		-	-	3,627	1,332	4,959
			Remove Exterior Siding & Insulation - Northeast (20 lf x 13' AVG)	260.00 sf	507			-		-	-	507	186	693
			Remove Exterior Siding & Insulation - Northeast (20 lf x 16')	300.00 sf	585			-		-	-	585	215	800
			Remove Exterior Siding & Insulation - North/Right (100 lf x 24' AVG)	2,400.00 sf	4,680			-		-	-	4,680	1,719	6,399
			Remove Exterior Siding & Insulation - West/Back (223 lf x 16')	3,568.00 sf	6,958			-		-	-	6,958	2,555	9,513
			Remove Exterior Siding & Insulation - South/Left (100 lf x 24' AVG)	2,400.00 sf	4,680			-		-	-	4,680	1,719	6,399
			Remove Exterior Siding & Insulation - Southeast/Dia. (26 lf x 13' AVG)	338.00 sf	659			-		-	-	659	242	901

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
		2211.00	<i>Building Excavation & Backfill</i>											
			E&B Footings and Frost Wall @ East Addition	265.00 lf				90,229			-	90,229	24,112	114,341
			Sub-base and Preparation For SOG @ East Addition	2,900.00 sf				1			-	1	0	1
			E&B Footings and Frost Wall @ West Addition	260.00 lf				1			-	1	0	1
			Sub-base and Preparation For SOG @ West Addition	4,500.00 sf				1			-	1	0	1
			E&B Interior Plumbing/Waste @ West Addition	1.00 ls				1			-	1	0	1
			E&B footings and frost wall @ Main Entrance Stoop	40.00 lf				1			-	1	0	1
			Sub-base and Preparation for SOG @ Main Entrance Stoop	185.00 sf				1			-	1	0	1
			E&B footings and frost wall @ Emergency Egress Stoops	64.00 lf				1			-	1	0	1
			Sub-base and Preparation for SOG @ Emergency Egress Stoops	128.00 sf				1			-	1	0	1
			<i>Building Excavation & Backfill</i>					90,237				90,237	24,114	114,351
		2615.00	<i>Utilities: Water</i>											
			6" Water Service (sprinkler) From Mechanical To Street.	425.00 lf				67,435			-	67,435	18,021	85,456
			<i>Utilities: Water</i>					67,435				67,435	18,021	85,456
		2668.00	<i>Storm Water</i>											
			Storm Water Pond (Not Clear If Needed - No Info. Provided)	ls				-			-			
			Storm Water Structures & Piping (Not Clear If Needed - No Info. Provided)	ls				-			-			
		2933.00	<i>Landscape: Lawns</i>											
			Lawn Restoration	1.00 ls				1			-	1	0	1
			<i>Landscape: Lawns</i>					1				1	0	1
			SITEWORK					679,326				679,326	181,538	860,864
	3000.00		CONCRETE											
		3306.00	<i>Conc: Footings</i>											
			F-4 Pier/Column Footings	4.15 cy	1,556	1,556		-			-	3,113	987	4,100
			F-5 Pier/Column Footings	5.56 cy	2,085	2,085		-			-	4,170	1,323	5,493
			F-6 Pier/Column Footings	13.33 cy	4,999	4,999		-			-	9,998	3,172	13,169
			F-7 Pier/Column Footings	18.15 cy	6,806	6,806		-			-	13,613	4,318	17,931
			F-8 Pier/Column Footings	4.74 cy	1,778	1,778		-			-	3,555	1,128	4,683
			F-4.6x6.0 Pier/Column Footings	0.89 cy	334	334		-			-	668	212	879
			F-5.6x10.0 Pier/Column Footings	5.56 cy	2,085	2,085		-			-	4,170	1,323	5,493
			Wall Footings @ West Addition	8.79 cy	3,296	3,296		-			-	6,593	2,091	8,684
			Wall Footings @ East Addition	13.24 cy	4,965	4,965		-			-	9,930	3,150	13,080
			Wall Footings @ Emergency Egress Stoops (4 each)	3.16 cy	1,185	1,185		-			-	2,370	752	3,122
			<i>Conc: Footings</i>		29,089	29,089						58,178	18,456	76,633
		3307.00	<i>Conc: Walls</i>											
			8" Frost Wall @ West Addition	25.98 cy	9,743	9,743		-			-	19,485	6,181	25,666
			8" Frost Wall @ East Addition	17.58 cy	6,593	6,593		-			-	13,185	4,183	17,368
			12" Frost Wall @ East Addition	18.07 cy	6,776	6,776		-			-	13,553	4,299	17,852
			8" Frost Wall @ Emergency Egress Stoops (4 each)	6.32 cy	2,370	2,370		-			-	4,740	1,504	6,244
			<i>Conc: Walls</i>		25,481	25,481						50,963	16,167	67,129
		3309.00	<i>Conc: Piers</i>											
			P-1 Piers 16"x16" (2 each)	0.53 cy	199	199		-			-	398	126	524

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		5510.05	<i>Pre-Engineered Steel</i>											
			3/8"x9" Plate To Bottom Of Existing Rafters (100 lf x 12)	1,200.00 lf				1	Jeffords Steel	-	-	1	0	1
			8" Z2.75x105 Purlins (223 lf x 20 Rows)	4,460.00 lf				1	Jeffords Steel	-	-	1	0	1
			L6x4x1/4 Purlin Connection Angle - Welded To Rafters (20 pcs x 12)	240.00 ea				1	Jeffords Steel	-	-	1	0	1
			Replace Roof "X" Bracing (Two Locations)	2.00 ea				1	Jeffords Steel	-	-	1	0	1
			Wall Girts @ East Addition (150 lf x 3 Rows)	450.00 lf	2,925	4,500		-		-	-	7,425	2,277	9,702
			Wall Girts @ East Addition (118 lf x 2 Rows)	236.00 lf	1,534	2,360		-		-	-	3,894	1,194	5,088
			Frame For Double Egress Doors (Existing Building)	3.00 ea	1,560	3,000		-		-	-	4,560	1,375	5,935
			Frame For OH Doors (Existing Building)	1.00 ea	1,040	1,500		-		-	-	2,540	783	3,323
			<i>Pre-Engineered Steel</i>		7,059	11,360		4				18,423	5,629	24,052
			METALS		7,059	11,360		652,509				670,928	180,000	850,928
	6000.00		WOOD & PLASTICS											
		6054.00	<i>Fasteners</i>											
			Fasteners/Bits/Blades	1.00 ls	-	5,000		-		-	-	5,000	1,336	6,336
			<i>Fasteners</i>			5,000						5,000	1,336	6,336
		6113.10	<i>Blocking: Roof Nailers</i>											
			PT 2x12 Nailer @ Service Parapet Cap - Membrane Roofing	200.00 lf	390	520		-		-	-	910	282	1,192
			PT 2x12 Nailer @ Entrance Parapet Cap - Membrane Roofing	185.00 lf	361	481		-		-	-	842	261	1,103
			(6) PT 2x6 Nailer @ Canopy - Membrane Roofing (120 lf)	720.00 lf	1,404	720		-		-	-	2,124	708	2,832
			(4) PT 2x6 Roof Nailers @ Eave - SS Roofing (330 lf)	1,320.00 lf	2,574	1,320		-		-	-	3,894	1,298	5,192
			(4) PT 2x6 Roof Nailers @ Rake - SS Roofing (330 lf)	1,320.00 lf	2,574	1,320		-		-	-	3,894	1,298	5,192
			<i>Blocking: Roof Nailers</i>		7,303	4,361						11,664	3,847	15,511
		6113.20	<i>Blocking & Nailers: Miscellaneous</i>											
			Miscellaneous Blocking & Nailers	1.00 ls	5,200	2,300		-		-	-	7,500	2,524	10,024
			<i>Blocking & Nailers: Miscellaneous</i>		5,200	2,300						7,500	2,524	10,024
		6118.00	<i>Plywood: Other Sheathing</i>											
			PT 1/2" Ply Sheathing @ Entrance Parapet - Membrane Roofing (185 lf x 4')	740.00 sf	1,443	1,073		-		-	-	2,516	817	3,333
			PT 1/2" Ply Sheathing @ Canopy Fascia (120 lf x 4')	480.00 sf	936	696		-		-	-	1,632	530	2,162
			PT 1/2" Ply Sheathing @ Entrance North & South (90 lf x 10')	900.00 sf	1,755	1,305		-		-	-	3,060	993	4,053
			<i>Plywood: Other Sheathing</i>		4,134	3,074						7,208	2,340	9,548
		6200.00	<i>Architectural Millwork</i>											
			SS Lavatory Top W/3 Integral Sinks @ Men (7 lf)	1.00 ea	260	3,500		-		-	-	3,760	1,031	4,791
			SS Lavatory Top W/3 Integral Sinks @ Women (7 lf)	1.00 ea	260	3,500		-		-	-	3,760	1,031	4,791
			SS Lavatory Top W/2 Integral Sinks @ Team Rooms (6 lf)	4.00 ea	1,040	14,000		-		-	-	15,040	4,123	19,163
			SS Lavatory Top W/1 Integral Sink @ Official (4 lf)	1.00 ea	260	3,500		-		-	-	3,760	1,031	4,791
			SS Service Counter Top (7 lf)	1.00 ea	260	3,500		-		-	-	3,760	1,031	4,791
			Base Cabinets @ Food Service	25.00 lf	1,040	2,500		-		-	-	3,540	1,050	4,590
			Wall Cabinets @ Food Service	25.00 lf	1,040	2,500		-		-	-	3,540	1,050	4,590
			SS Counter Top @ Food Service (25 lf x 2')	50.00 sf	1,040	5,000		-		-	-	6,040	1,718	7,758
			<i>Architectural Millwork</i>		5,200	38,000						43,200	12,064	55,264

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			WOOD & PLASTICS		21,837	52,735						74,572	22,112	96,683
	7000.00		THERMAL & MOISTURE PROT											
		7212.00	<i>Insulation Protection</i>											
			12" "Nudo Ground Breaker" Fdn. Insul. Prot. @ West Addition	265.00 lf	517	795		-		-	-	1,312	402	1,714
			12" "Nudo Ground Breaker" Fdn. Insul. Prot. @ East Addition	260.00 lf	507	780		-		-	-	1,287	395	1,682
			<i>Insulation Protection</i>		<i>1,024</i>	<i>1,575</i>						<i>2,599</i>	<i>797</i>	<i>3,396</i>
		7212.25	<i>Insulation: Foundation</i>											
			3" Rigid Insulation @ West Addition Foundation Walls (265 lf x 5')	1,325.00 sf	1,292	2,915		-		-	-	4,207	1,253	5,460
			3" Rigid Insulation @ East Addition Foundation Walls (260 lf x 5')	1,300.00 sf	1,268	2,860		-		-	-	4,128	1,230	5,357
			<i>Insulation: Foundation</i>		<i>2,559</i>	<i>5,775</i>						<i>8,334</i>	<i>2,483</i>	<i>10,818</i>
		7212.50	<i>Insulation: SOG</i>											
			2" SOG Rigid Insulation @ West Addition SOG	3,000.00 sf	1,950	5,250		-		-	-	7,200	2,119	9,319
			2" SOG Rigid Insulation @ East Addition SOG	4,600.00 sf	2,990	8,050		-		-	-	11,040	3,249	14,289
			2" SOG Rigid Insulation @ East Replaced SOG	1,520.00 sf	988	2,660		-		-	-	3,648	1,074	4,722
			<i>Insulation: SOG</i>		<i>5,928</i>	<i>15,960</i>						<i>21,888</i>	<i>6,442</i>	<i>28,330</i>
		7213.00	<i>Vapor Barrier: SOG</i>											
			"Stego" Reinforced Vapor Barrier @ West Additon SOG (3,000 sf)	3,300.00 sf	1,287	1,155		-		-	-	2,442	781	3,223
			"Stego" Reinforced Vapor Barrier @ East Additon SOG (4,600 sf)	5,100.00 sf	1,989	1,785		-		-	-	3,774	1,207	4,981
			"Stego" Reinforced Vapor Barrier @ East Replaced SOG (1,520 sf)	1,700.00 sf	663	595		-		-	-	1,258	402	1,660
			<i>Vapor Barrier: SOG</i>		<i>3,939</i>	<i>3,535</i>						<i>7,474</i>	<i>2,391</i>	<i>9,865</i>
		7213.50	<i>Insulation: Board</i>											
			2" Rigid Insul w/Taped Seams @ Ext. Walls - Team Rm	600.00 sf	585	1,050		-		-	-	1,635	495	2,130
			2" Rigid Insul w/Taped Seams @ Ext. Walls - Main Ent. Low	400.00 sf	390	700		-		-	-	1,090	330	1,420
			2" Rigid Insul w/Taped Seams @ Ext. Walls - Main Ent. High	600.00 sf	585	1,050		-		-	-	1,635	495	2,130
			2" Rigid Insul w/Taped Seams @ Ext. Walls - Main Ent. North & West	900.00 sf	878	1,575		-		-	-	2,453	743	3,196
			<i>Insulation: Board</i>		<i>2,438</i>	<i>4,375</i>						<i>6,813</i>	<i>2,064</i>	<i>8,877</i>
		7215.00	<i>Insulation: Spray Foam</i>											
			3" Spray Foam @ Ext. Walls - Team Rm	600.00 sf				2,100	Chey Insul	-	-	2,100	561	2,661
			3" Spray Foam @ Ext. Walls - Main Ent. Low	400.00 sf				1,400	Chey Insul	-	-	1,400	374	1,774
			3" Spray Foam @ Ext. Walls - Main Ent. High	600.00 sf				2,100	Chey Insul	-	-	2,100	561	2,661
			3" Spray Foam @ Ext. Walls - Main Ent. North & West	900.00 sf				3,150	Chey Insul	-	-	3,150	842	3,992
			<i>Insulation: Spray Foam</i>					<i>8,750</i>				<i>8,750</i>	<i>2,338</i>	<i>11,088</i>
		7217.00	<i>Air Barrier & Sealant</i>											
			Air Barrier & Sealant @ Ext. Walls - Team Rm	600.00 sf				3,000		-	-	3,000	802	3,802
			Air Barrier & Sealant @ Ext. Walls - Main Ent. Low	400.00 sf				2,000		-	-	2,000	534	2,534
			Air Barrier & Sealant @ Ext. Walls - Main Ent. High	600.00 sf				3,000		-	-	3,000	802	3,802
			Air Barrier & Selant @ Ext. Walls - Main Ent. North & West	900.00 sf				4,500		-	-	4,500	1,203	5,703
			Misc. Air Sealing	1.00 ls	2,600	1,400		-		-	-	4,000	1,329	5,329

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
		8330.01	<i>Doors: Coiling</i>											
			Coiling Door @ Service Counter (6'-0x3'-0)	1.00 ea				3,000	Champlain Door	-	-	3,000	802	3,802
			<i>Doors: Coiling</i>					3,000				3,000	802	3,802
		8361.00	<i>Doors: Overhead</i>											
			12'-0x14'-0 OH Doors w/Operators (Exterior)	2.00 ea				16,800	Champlain Door	-	-	16,800	4,490	21,290
			12'-0x14'-0 OH Door w/Operator (Interior)	1.00 ea				8,400	Champlain Door	-	-	8,400	2,245	10,645
			10'-0x12'-0 OH Door w/Operator (Exterior)	1.00 ea				6,000	Champlain Door	-	-	6,000	1,603	7,603
			10'-0x7'-0 OH Door w/Operator (Exterior)	1.00 ea				3,500	Champlain Door	-	-	3,500	935	4,435
			<i>Doors: Overhead</i>					34,700				34,700	9,273	43,973
		8520.01	<i>Aluminum Storefront & Entrances</i>											
			Exterior Aluminum Storefront (100 lf x 8')	800.00 sf				80,000	Portland-Barr e	-	-	80,000	21,379	101,379
			Exterior Double Aluminum Entrance Doors	2.00 pr				40,000	Portland-Barr e	-	-	40,000	10,689	50,689
			Interior Aluminum Storefront (21 lf x 12')	252.00 sf				25,200	Portland-Barr e	-	-	25,200	6,734	31,934
			Interior Double Aluminum Entrance Doors	2.00 pr				30,000	Portland-Barr e	-	-	30,000	8,017	38,017
			<i>Aluminum Storefront & Entrances</i>					175,200				175,200	46,819	222,019
		8565.00	<i>Operators: Automatic</i>											
			ADA Automatic Door Operators (Double Doors)	2.00 pr				10,000		-	-	10,000	2,672	12,672
			<i>Operators: Automatic</i>					10,000				10,000	2,672	12,672
			DOORS & WINDOWS		14,820	41,180		222,900				278,900	76,013	354,913
9000.00			FINISHES											
		9211.00	<i>Light Gauge Valley Framing</i>											
			Light Gauge Valley Framing @ Entrance	410.00 sf	5,200	4,800		-		-	-	10,000	3,192	13,192
			Light Gauge Valley Framing @ Service	360.00 sf	5,200	4,800		-		-	-	10,000	3,192	13,192
			<i>Light Gauge Valley Framing</i>		10,400	9,600						20,000	6,385	26,384
		9240.00	<i>Exterior Metal Wall Framing</i>											
			6"-16 ga. Deflection Track @ Team Rooms 2-3	60.00 lf	234	159		-		-	-	393	128	521
			6"-16 ga. Track @ Team Rooms 2-3 (60 lf x 2 pcs)	120.00 lf	468	264		-		-	-	732	242	974
			6"-16 ga. Stud @ Team Rooms 2-3 (60 pcs x 10)	600.00 lf	1,170	1,470		-		-	-	2,640	822	3,462
			Horizontal Bridging (60 lf x 2 Rows)	120.00 lf	234	198		-		-	-	432	139	571
			6"-16 ga. Track Below Main Ent. Lobby Store Front (100 lf x 2 pcs)	200.00 lf	780	440		-		-	-	1,220	404	1,624
			6"-16 ga. Stud Below Main Ent. Lobby Store Front (100 pcx x 4')	400.00 lf	1,560	980		-		-	-	2,540	835	3,375
			6"-16 ga. Track Above Main Ent. Lobby Store Front (100 lf x 2 pcs)	200.00 lf	780	440		-		-	-	1,220	404	1,624
			6"-16 ga. Stud Above Main Ent. Lobby Store Front (100 pcs x 6')	600.00 lf	2,340	1,470		-		-	-	3,810	1,252	5,062
			6"-16 ga. Track @ Main Ent. Lobby - North & West Wall (90 lf x 2 pcs)	180.00 lf	702	396		-		-	-	1,098	364	1,462
			6"-16 ga. Stud @ Main Ent. Lobby - North & West Wall (90 lf x 10')	900.00 lf	1,755	2,205		-		-	-	3,960	1,234	5,194
			Horizontal Bridging (90 lf x 2 Rows)	180.00 lf	351	297		-		-	-	648	208	856
			<i>Exterior Metal Wall Framing</i>		10,374	8,319						18,693	6,033	24,726
		9252.14	<i>Canopy Framing</i>											
			6"-16 ga. Track @ Main Ent. Lobby Canopy Fascia (120 lf x 2 pcs)	240.00 lf	936	528		-		-	-	1,464	485	1,949

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
		9252.14	<i>Canopy Framing</i>											
			6"-16 ga. Stud @ Main Ent. Lobby Canopy Fascia (120 lf x 3')	300.00 lf	1,170	735		-		-	-	1,905	626	2,531
			6"-16 ga. Track @ Main Ent. Lobby Canopy Ceiling	220.00 lf	858	484		-		-	-	1,342	444	1,786
			6"-16 ga. Stud @ Main Ent. Lobby Canopy Ceiling	340.00 lf	1,326	833		-		-	-	2,159	710	2,869
			<i>Canopy Framing</i>		4,290	2,580						6,870	2,265	9,135
		9253.10	<i>GWB: Fasteners</i>											
			Fasteners/Bits/Blades/Beads	1.00 ls		1,500		-		-	-	1,500	401	1,901
			<i>GWB: Fasteners</i>			1,500						1,500	401	1,901
		9253.30	<i>GWB: Boards & Sheathing</i>											
			Ext. Gyp. Sheathing - Walls @ Team Rooms 2-3	600.00 sf	780	630		-		-	-	1,410	455	1,865
			Ext. Gyp. Sheathing - Below Storefront @ Main Ent. Lobby	400.00 sf	780	420		-		-	-	1,200	399	1,599
			Ext. Gyp. Sheathing - Above Storefront @ Main Ent. Lobby	600.00 sf	1,170	630		-		-	-	1,800	598	2,398
			Ext. Gyp. Sheathing - North & West Wall @ Main Ent. Lobby	900.00 sf	1,170	540		-		-	-	1,710	574	2,284
			5/8" Type X GWB - Walls @ Team Rooms 2-3	600.00 sf	780	360		-		-	-	1,140	383	1,523
			5/8" Type X GWB - Walls Below Storefront @ Main Ent. Lobby	400.00 sf	780	240		-		-	-	1,020	351	1,371
			5/8" Type X GWB - Walls Above Storefront @ Main Ent. Lobby	600.00 sf	1,170	360		-		-	-	1,530	526	2,056
			5/8" Type X GWB - North & West Wall @ Main Ent. Lobby	600.00 sf	780	360		-		-	-	1,140	383	1,523
			<i>GWB: Boards & Sheathing</i>		7,410	3,540						10,950	3,667	14,617
		9254.00	<i>GWB: Finish Mud/Tape</i>											
			Tape & Finish Gypsum Drywall	2,200.00 sf	3,300	1,100		-		-	-	4,400	1,506	5,906
			<i>GWB: Finish Mud/Tape</i>		3,300	1,100						4,400	1,506	5,906
		9400.00	<i>Acoustical Ceilings</i>											
			24"x24" Acoustical Ceilings	4,000.00 sf	16,000	16,000		-		-	-	32,000	10,151	42,151
			<i>Acoustical Ceilings</i>		16,000	16,000						32,000	10,151	42,151
		9660.01	<i>Resilient Flooring</i>											
			Rubber Athletic Flooring	1.00 ls					By Others	-	-			
		9720.01	<i>Flooring Epoxy</i>											
			Epoxy Flooring (Men/Women)	500.00 sf				14,000	VT Prot Coat	-	-	14,000	3,741	17,741
			Epoxy Flooring (Bath/Shower @ Team Room 1)	135.00 sf				3,780	VT Prot Coat	-	-	3,780	1,010	4,790
			Epoxy Flooring (Bath/Shower @ Team Room 2)	190.00 sf				5,320	VT Prot Coat	-	-	5,320	1,422	6,742
			Epoxy Flooring (Bath/Shower @ Team Room 3)	190.00 sf				5,320	VT Prot Coat	-	-	5,320	1,422	6,742
			Epoxy Flooring (Bath/Shower @ Team Room 4)	190.00 sf				5,320	VT Prot Coat	-	-	5,320	1,422	6,742
			Epoxy Flooring (Entire Officals Room)	210.00 sf				5,880	VT Prot Coat	-	-	5,880	1,571	7,451
			4" Integral Cove Base	430.00 lf	-	-		3,870	VT Prot Coat	-	-	3,870	1,034	4,904
			<i>Flooring Epoxy</i>					43,490				43,490	11,622	55,112
		9910.01	<i>Painting: Exterior</i>											
			Double HM Doors & Frames	4.00 ea				2,000	Tuite Assoc	-	-	2,000	534	2,534
			<i>Painting: Exterior</i>					2,000				2,000	534	2,534
		9920.01	<i>Painting: Interior</i>											
			Columns, Rafters, Girts, Purlins	1.00 ls				26,000	Tuite Assoc	-	-	26,000	6,948	32,948
			Metal Roof Deck (35,000 sf - 4000 sf)	31,000.00 sf	-	-		23,250	Tuite Assoc	-	-	23,250	6,213	29,463
			CMU Interior Walls (1,800 lf x 14' avg.)	25,200.00 sf	-	-		31,500	Tuite Assoc	-	-	31,500	8,418	39,918
			Single HM Doors & Frames	19.00 ea	-	-		5,700	Tuite Assoc	-	-	5,700	1,523	7,223
			Single HM Doors & Frames w/Sidelights	2.00 ea				1,000	Tuite Assoc	-	-	1,000	267	1,267

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
		12600.00	FF&E											
			FF&E	<i>Is</i>					<i>By Others</i>	-	-			
			Bleacher Seating, Stairs & Railings	<i>ea</i>					<i>By Others</i>	-	-			
			FURNISHINGS		780	7,500						8,280	2,291	10,571
	13000.00		SPECIAL CONSTRUCTION											
		13159.00	Rink Specialties											
			Rink Specialties	<i>Is</i>	-	-			<i>By Others</i>	-	-			
	15000.00		MECHANICAL											
		15300.00	Sprinkler Complete											
			Sprinkler (Dry System)	33,900.00 sf	-	-		144,075	No-Fire	-	-	144,075	38,502	182,577
			Flush Water Entrance	1.00 Is	-	-		3,000		-	-	3,000	802	3,802
			Sprinkler Complete					147,075				147,075	39,303	186,378
		15400.00	Plumbing											
			Plumbing	<i>Is</i>	-	-			<i>By Others</i>	-	-			
		15500.00	HVAC											
			HVAC	<i>Is</i>	-	-			<i>By Others</i>	-	-			
		15650.00	Refrigeration											
			Refrigeration	<i>Is</i>	-	-			<i>By Others</i>	-	-			
			MECHANICAL					147,075				147,075	39,303	186,378
	16000.00		ELECTRICAL											
		16100.00	Electrical Complete											
			Electrical	<i>Is</i>	-	-			<i>By Others</i>	-	-			
			00 Base Budget		837,139	922,885		2,969,410		38,217		4,767,651	1,360,079	6,127,731

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
01 Add Cover Board @ Roof	7000.00		THERMAL & MOISTURE PROT											
		7410.05	Roofing: Standing Seam											
			ADD 1/2" Coverboard Over The Metal Roof Deck	31,500.00 sf	61,425	61,646		-		-	-	123,071	39,031	162,101
			Roofing: Standing Seam		61,425	61,646						123,071	39,031	162,101
			THERMAL & MOISTURE PROT		61,425	61,646						123,071	39,031	162,101
			01 Add Cover Board @ Roof		61,425	61,646						123,071	39,031	162,101

Alternate	Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Vendor Name	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Amount	Addon Amount	Grand Total Amount
02 Use Ply In Lieu of OSB @ Roof	7000.00		THERMAL & MOISTURE PROT											
		7410.05	<i>Roofing: Standing Seam</i>											
			ADD Use 5/8" cdx Plywood In Lieu Of 7/16" OSB @ Roof - Nail Board	31,500.00 sf		81,900		-		-	-	81,900	21,886	103,786
			<i>Roofing: Standing Seam</i>			81,900						81,900	21,886	103,786
			THERMAL & MOISTURE PROT			81,900						81,900	21,886	103,786
			02 Use Ply In Lieu of OSB @ Roof			81,900						81,900	21,886	103,786

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	898,564		13,526.384 hrs			26.506 /SF	14.05%
Material	1,066,431					31.458 /SF	16.68%
Subcontract	2,969,410					87.593 /SF	46.44%
Equipment	38,217		868.667 hrs			1.127 /SF	0.60%
Other							
	4,972,622	4,972,622				146.685 /SF	77.77%
Tool Rental & Consumables	89,856			10.000 %	C	2.651 /SF	1.41%
Sales Tax - Equip.	2,293			6.000 %	C	0.068 /SF	0.04%
Surety Bond- 10% MU added	50,124				B	1.479 /SF	0.78%
O. H. + P	639,362			10.000 %	T	18.860 /SF	10.00%
Contingency	639,362			10.000 %	T	18.860 /SF	10.00%
Total		6,393,619				188.602 /SF	