

**Moraga Canyon Sports Field - Complete Master Plan Buildout**

<b>Project name</b>	Blair Park Playing Field Moraga Avenue Piedmont CA
<b>Estimator</b>	TP
<b>Labor rate table</b>	1g6BA,7/07-1/08,36mo
<b>Job size</b>	205857 sf
<b>Duration</b>	6 mos
<b>Bid date</b>	11/28/2011
<b>Project</b>	Blair Park Field
<b>Project Type</b>	Sports Field
<b>Area 1 - U12 Field</b>	45,000 sf
<b>Area 1- Parking</b>	9,000 sf
<b>Area 1 - Site</b>	77,350 sf
<b>Area 2 - U8 Field</b>	11,250 sf
<b>Area 2 - Parking</b>	4,900 sf
<b>Area 2 - Site</b>	46,880 sf
<b>Concession - Area</b>	1,274 sf
<b>Concession - Site</b>	1,133 sf
<b>Area 1 Car Count</b>	26 stalls
<b>Area 2 Car Count</b>	14 stalls
<b>Notes</b>	<p>1. Traffic Mitigation Alternate per EIR for two (2) signalled pedestrian crossings, traffic islands: Allowance: \$214,000                      (This includes all work in the ELS Final Master Plan dated August 25, 2011 shown for pedestrian crossings at the Red Rock/Moraga intersection. The allowance also includes the implementation of the roundabout at Maxwellton.)</p> <p>2. DW Relocation: a Hot Tap may be Required - Allowance: \$191,500</p> <p>3. If Phase I and Phase II were to be built at the same time, the total cost would be \$6,273,000.</p> <p>4. This budget includes cost for supply and install of synthetic turf field.</p> <p>5a. Area 1: U-12 Big Field includes U12 playfield, parking lots and associated access and landscaping                      5b. Area 2 The Glade includes the glade area                      5c. Area 3: Includes the Phase II restroom building and other related site improvements</p>
<b>Report format</b>	Sorted by 'location/systems/CSI' 'Detail' summary



location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
<b>1 GCs</b>		<b>General Conditions</b>			
		<b>GENERAL CONDITIONS</b>			
	<b>01200</b>	<b>Allocate GC's</b>			
		Allocate General Conditions - Preconstruction	2.00 mos	20,598.00 /mos	41,196
		Allocate General Conditions - Construction	6.00 mos	43,202.83 /mos	259,217
		Allocate General Requirements	6.00 mos	39,851.67 /mos	239,110
			6.00 mos	89,920.50 /mos	539,523
		<b>01200 Allocate GC's</b>	<b>6.00 mos</b>	<b>89,920.50 /mos</b>	<b>539,523</b>
		<b>GENERAL CONDITIONS</b>	<b>6.00 sf</b>	<b>89,920.50 /sf</b>	<b>539,523</b>
		<b>1 GCs General Conditions</b>	<b>6.00 mo</b>	<b>89,920.50 /mo</b>	<b>539,523</b>
<b>Area 1</b>		<b>Large Sports Field, Vertical Garden Wall</b>			
		<b>BUILDING PAD, EARTHWORK, SITEWORK</b>			
	<b>02010</b>	<b>Surveying</b>			
		Area 1 Surveying	0.60 ls	20,000.00 /ls	12,000
		<b>02010 Surveying</b>	<b>139,080.00 sf</b>	<b>0.09 /sf</b>	<b>12,000</b>
	<b>02025</b>	<b>Debris Boxes</b>			
		Area 1, Debris Boxes	52.00 ea	420.00 /ea	21,840
		<b>02025 Debris Boxes</b>	<b>139,080.00 sf</b>	<b>0.16 /sf</b>	<b>21,840</b>
	<b>02050</b>	<b>General Site Demolition</b>			
		Area 1 Tree Removal, U12 Field	1.00 ls	54,968.00 /ls	54,968
		<b>02050 General Site Demolition</b>	<b>139,080.00 sf</b>	<b>0.40 /sf</b>	<b>54,968</b>
	<b>02051</b>	<b>Tree Protection</b>			
		Area 1 Tree Protection, U12 Field	1.00 ls	5,920.00 /ls	5,920
		<b>02051 Tree Protection</b>	<b>139,080.00 sf</b>	<b>0.04 /sf</b>	<b>5,920</b>
	<b>02055</b>	<b>Investigative Demolition</b>			
		Investigative Demolition, U12 Field	1.00 ls	10,000.00 /ls	10,000
		<b>02055 Investigative Demolition</b>	<b>139,080.00 sf</b>	<b>0.07 /sf</b>	<b>10,000</b>
	<b>02150</b>	<b>Shoring &amp; Underpinning</b>			
		Area 1, Mobilization/Demob/Field Staff/Safety, U12 Field	1.00 ls	39,000.00 /ls	39,000
		Area 1, Drilled Piers - 24" dia (typ)	2,657.00 lf	107.00 /lf	284,299
		Area 1, Tieback Anchors	9,640.00 lf	34.35 /lf	331,100
		Area 1, Shotcrete Face	10,000.00 sf	26.50 /sf	265,000
		Area 1, Retaining Wall at Moraga Ave (mechanically stabilized earth system)	1.00 ls	107,052.00 /ls	107,052
		Area 1, Field O/head Safety	1.00 ls	20,000.00 /ls	20,000
		Area 1, Layout	1.00 ls	7,000.00 /ls	7,000
		Area 1, Cal-OSHA Safety Railing @ retaining wall	1.00 ls	4,700.00 /ls	4,700
		Area 1, Micropiles	6.00 ea	4,700.00 /ea	28,200

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	<b>02150</b>	<b>Shoring &amp; Underpinning</b>			
		Area 1, 48" Dia. Buttress Pier	50.00 lf	250.00 /lf	12,500
		Area 1, Buttress Tie-Beam, Reif. & Concrete	1.00 ls	30,300.00 /ls	30,300
		Design Builld Value Engineering (Pier & Soil Nail Hybrid Wall)	1.00 ls	/ls	(120,000)
		Area 1, Survey Monitoring of Shoring System, U12 Field	2.00 trip	1,000.00 /trip	2,000
		<b>02150 Shoring &amp; Underpinning</b>	<b>139,080.00 sf</b>	<b>7.27 /sf</b>	<b>1,011,151</b>
	<b>02200</b>	<b>Earthwork</b>			
		Area 1, SWPP Protection	1.00 ls	17,500.00 /ls	17,500
		Area 1 Earthwork Package	139,080.00 sf	4.39 /sf	610,000
		<b>02200 Earthwork</b>	<b>139,080.00 sf</b>	<b>4.51 /sf</b>	<b>627,500</b>
	<b>02270</b>	<b>Erosion Control</b>			
		Area 1, Erosion Control, U12 Field	1.00 ls	7,500.00 /ls	7,500
		<b>02270 Erosion Control</b>	<b>139,080.00 sf</b>	<b>0.05 /sf</b>	<b>7,500</b>
	<b>02500</b>	<b>Grading &amp; Paving</b>			
		Area 1, AC Patch Paving	1.00 ls	16,500.00 /ls	16,500
		<b>02500 Grading &amp; Paving</b>	<b>139,080.00 sf</b>	<b>0.12 /sf</b>	<b>16,500</b>
	<b>02525</b>	<b>Curbs &amp; Sidewalks</b>			
		Area 1, Parking Lot Vertical Curb	1,760.00 lf	18.00 /lf	31,680
		Area 1, City Curb & Gutter on Moraga Ave	1,335.00 lf	7.49 /lf	10,000
		Area 1, Sidewalks, Flatwork	13,800.00 sf	7.50 /sf	103,500
		Area 1, V - Gutter @ Driveways	115.00 lf	32.00 /lf	3,680
		Handicap Truncated Domes	13.00 ea	1,500.00 /ea	19,500
		Field Edgebands	990.00 lf	40.00 /lf	39,600
		<b>02525 Curbs &amp; Sidewalks</b>	<b>139,080.00 sf</b>	<b>1.50 /sf</b>	<b>207,960</b>
	<b>02528</b>	<b>Poured In Place Concrete Stairs</b>			
		Area 1, Switchback Ramp Walls	341.00 lf	110.47 /lf	37,670
		Area 1 CIP Stair	82.00 lf	90.00 /lf	7,380
		<b>02528 Poured In Place Concrete Stairs</b>	<b>139,080.00 sf</b>	<b>0.32 /sf</b>	<b>45,050</b>
	<b>02535</b>	<b>Outdoor Athletic Surfacing</b>			
		Area 1, Big Field Artificial Soccer Turf/Bed & Subdrain System, U12	45,000.00 sf	15.03 /sf	676,426
		Area 1, Big Field - Natural Turf/Finish Grade, Subdrain & Irr, U12	0.00 sf	0.00 /sf	0
		<b>02535 Outdoor Athletic Surfacing</b>	<b>139,080.00 sf</b>	<b>4.86 /sf</b>	<b>676,426</b>
	<b>02580</b>	<b>Pavement Markings</b>			
		Area 1, Parking Lot Striping	12.00 stl	16.00 /stl	192
		Area 1, Lot 2, Parking Lot Striping	23.00 stl	16.00 /stl	368
		Area 1, Precast Wheel Stops	2.00 ea	25.00 /ea	50

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		<b>02580 Pavement Markings</b>			
		Area 1, Lot 2, Precast Wheel Stops	3.00 ea	25.00 /ea	75
		Area 1, Handicap Stall Striping & Signage	2.00 ea	250.00 /ea	500
		Area 1, Lot 2 Handicap Stall Striping & Signage	3.00 ea	250.00 /ea	750
		Directional Arrows & Signage	2.00 ea	250.00 /ea	500
		Directional Arrows & Signage	2.00 ea	250.00 /ea	500
		<b>02580 Pavement Markings</b>	<b>139,080.00 sf</b>	<b>0.02 /sf</b>	<b>2,935</b>
		<b>02600 Underground Utilities</b>			
		Area 1, Large Field - Gas	1.00 ls	13,197.00 /ls	13,197
		Area 1, Large Field - Sewer Lateral	1.00 ls	68,223.00 /ls	68,223
		Area 1, Large Field - 20" Water Main	1.00 ls	191,534.00 /ls	191,534
		Area 1, U12 Ret Wall 8" SD Collector	668.00 lf	102.13 /lf	68,223
		Area 1, Parking/70 LF TD	143.00 lf	122.13 /lf	17,464
		Area 1, 13,700 CF Vault	1.00 ls	400,500.00 /ls	400,500
		Area 1, Storm/Sewer Connection Fees	1.00 ls	8,400.00 /ls	8,400
		Area 1, Domestic Water Connection Fees	1.00 ls	3,800.00 /ls	3,800
		<b>02600 Underground Utilities</b>	<b>139,080.00 sf</b>	<b>5.55 /sf</b>	<b>771,341</b>
		<b>02830 Fences &amp; Gates</b>			
		20' Netting Fence U12	250.00 lf	250.00 /lf	62,500
		20' Arch Backstop - Galvanized U12	1.00 ea	35,000.00 /ea	35,000
		8' Galvanized Chain Link Fence U12	115.00 lf	60.00 /lf	6,900
		42" Galvanized Chain Link Fence U12	135.00 lf	35.00 /lf	4,725
		8' x 8' Double Swing Pedestrian Galv'd Gate U12	1.00 ea	1,500.00 /ea	1,500
		8' x 42" Double Swing Pedestrian Galv'd Gate U12	1.00 ea	1,200.00 /ea	1,200
		<b>02830 Fences &amp; Gates</b>	<b>139,080.00 sf</b>	<b>0.80 /sf</b>	<b>111,825</b>
		<b>02842 Bicycle Racks &amp; Lockers</b>			
		Bicycle Racks, West Field	1.00 ea	12,500.00 /ea	12,500
		<b>02842 Bicycle Racks &amp; Lockers</b>	<b>139,080.00 sf</b>	<b>0.09 /sf</b>	<b>12,500</b>
		<b>02870 Site Furnishings</b>			
		Metal Bench, West Field	8.00 ea	1,000.00 /ea	8,000
		Trash Receptacle, West Field	12.00 ea	1,500.00 /ea	18,000
		<b>02870 Site Furnishings</b>	<b>139,080.00 sf</b>	<b>0.19 /sf</b>	<b>26,000</b>
		<b>BUILDING PAD, EARTHWORK, SITEWORK</b>	<b>139,080.00 sf</b>	<b>26.04 /sf</b>	<b>3,621,416</b>
		<b>LANDSCAPE &amp; IRRIGATION</b>			
		<b>02810 Irrigation Systems</b>			
		Irrigation Systems, U12 (Not Required)	sf	/sf	
		<b>02900 Landscaping</b>			
		Landscaping, West Field - Other than turf field	1.00 ls	289,460.90 /ls	289,461

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		<b>02900 Landscaping</b>	<b>139,080.00 sf</b>	<b>2.08 /sf</b>	<b>289,461</b>
		<b>LANDSCAPE &amp; IRRIGATION</b>	<b>139,080.00 sf</b>	<b>2.08 /sf</b>	<b>289,461</b>
		<b>EXTERIOR ENVELOPE (VERTICAL)</b>			
	<b>05720</b>	<b>Railings &amp; Handrails</b>			
		Area 1, Misc Railing & Handrails	195.00 lf	120.00 /lf	23,400
	<b>05720</b>	<b>Railings &amp; Handrails</b>	<b>139,080.00 sf</b>	<b>0.17 /sf</b>	<b>23,400</b>
		<b>EXTERIOR ENVELOPE (VERTICAL)</b>	<b>139,080.00 sf</b>	<b>0.17 /sf</b>	<b>23,400</b>
		<b>ELECTRICAL</b>			
	<b>16100</b>	<b>Electrical Systems</b>			
		Incoming Service	1.00 ls	25,000.00 /ls	25,000
		Main Breaker Panel	1.00 ls	30,000.00 /ls	30,000
		Trenching and Conduit (for parking lot lighting and restroom building power)	1.00 ls	15,000.00 /ls	15,000
		Parking Lot Lighting (East & West Lots - A total of 12 pole lights on conc. bases)	1.00 ls	60,000.00 /ls	60,000
	<b>16100</b>	<b>Electrical Systems</b>	<b>139,080.00 sf</b>	<b>0.94 /sf</b>	<b>130,000</b>
		<b>ELECTRICAL</b>	<b>139,080.00 sf</b>	<b>0.94 /sf</b>	<b>130,000</b>
		<b>Area 1 Large Sports Field, Vertical Garden Wall</b>	<b>205,857.00 gsf</b>	<b>19.74 /gsf</b>	<b>4,064,277</b>
<b>Area 2</b>		<b>Glade Area</b>			
		<b>GENERAL CONDITIONS</b>			
	<b>02025</b>	<b>Debris Boxes</b>			
		Area 2, Debris Boxes	48.00 ea	420.00 /ea	20,160
	<b>02025</b>	<b>Debris Boxes</b>	<b>64,370.00 sf</b>	<b>0.31 /sf</b>	<b>20,160</b>
		<b>GENERAL CONDITIONS</b>	<b>64,370.00 sf</b>	<b>0.31 /sf</b>	<b>20,160</b>
		<b>BUILDING PAD, EARTHWORK, SITEWORK</b>			
	<b>02010</b>	<b>Surveying</b>			
		Area 2 Surveying	0.40 ls	20,000.00 /ls	8,000
	<b>02010</b>	<b>Surveying</b>	<b>64,370.00 sf</b>	<b>0.12 /sf</b>	<b>8,000</b>
	<b>02050</b>	<b>General Site Demolition</b>			
		Area 2 Tree Removal	1.00 ls	33,824.00 /ls	33,824
	<b>02050</b>	<b>General Site Demolition</b>	<b>64,370.00 sf</b>	<b>0.53 /sf</b>	<b>33,824</b>
	<b>02051</b>	<b>Tree Protection</b>			
		Area 2 Tree Protection	1.00 ls	3,680.00 /ls	3,680
	<b>02051</b>	<b>Tree Protection</b>	<b>64,370.00 sf</b>	<b>0.06 /sf</b>	<b>3,680</b>
	<b>02055</b>	<b>Investigative Demolition</b>			
		Investigative Demolition	1.00 ls	10,000.00 /ls	10,000

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		<b>02055 Investigative Demolition</b>	<b>64,370.00 sf</b>	<b>0.16 /sf</b>	<b>10,000</b>
		<b>02150 Shoring &amp; Underpinning</b>			
		Area 2, Drilled Piers - 24" dia (typ)	534.00 lf	164.79 /lf	88,000
		Area 2, Shotcrete Face	1,300.00 sf	23.08 /sf	30,000
		Area 2, Mobilization/Demob/Field Staff/Safety	1.00 ls	11,000.00 /ls	11,000
		Area 2, Dust Control	20.00 dy	200.00 /dy	4,000
		Area 2, Street Cleaning	30.00 dy	250.00 /dy	7,500
		Area 2, Survey Monitoring of Shoring System	2.00 trip	1,000.00 /trip	2,000
		<b>02150 Shoring &amp; Underpinning</b>	<b>64,370.00 sf</b>	<b>2.21 /sf</b>	<b>142,500</b>
		<b>02200 Earthwork</b>			
		Area 2, SWPP Protection	1.00 ls	17,500.00 /ls	17,500
		Area 2 Rough Grade Site - See Above	64,370.00 sf	/sf	0
		<b>02200 Earthwork</b>	<b>64,370.00 sf</b>	<b>0.27 /sf</b>	<b>17,500</b>
		<b>02270 Erosion Control</b>			
		Area 2, Erosion Control	1.00 ls	7,500.00 /ls	7,500
		<b>02270 Erosion Control</b>	<b>64,370.00 sf</b>	<b>0.12 /sf</b>	<b>7,500</b>
		<b>02500 Grading &amp; Paving</b>			
		Area 2, AC Patch Paving	1.00 ls	10,000.00 /ls	10,000
		<b>02500 Grading &amp; Paving</b>	<b>64,370.00 sf</b>	<b>0.16 /sf</b>	<b>10,000</b>
		<b>02525 Curbs &amp; Sidewalks</b>			
		Area 2, Parking Lot Vertical Curb	702.00 lf	28.00 /lf	19,656
		Area 2, City Curb & Gutter on Moraga Ave	443.00 lf	35.00 /lf	15,505
		Area 2, Sidewalks, Flatwork	6,527.00 sf	12.00 /sf	78,324
		Area 2, V - Gutter	118.00 lf	30.00 /lf	3,540
		<b>02525 Curbs &amp; Sidewalks</b>	<b>64,370.00 sf</b>	<b>1.82 /sf</b>	<b>117,025</b>
		<b>02528 Poured In Place Concrete Stairs</b>			
		Area 2, Switchback Ramp Walls	357.00 lf	110.47 /lf	39,436
		Area 2 CIP Stair	92.00 lf	90.00 /lf	8,280
		<b>02528 Poured In Place Concrete Stairs</b>	<b>64,370.00 sf</b>	<b>0.74 /sf</b>	<b>47,716</b>
		<b>02535 Outdoor Athletic Surfacing</b>			
		Area 2, Glade - Artificial Turf/Bed & Subdrain System	0.00 sf	0.00 /sf	0
		Area 2, Glade - Natural Grass/Finish Grade, Subdrain & Irr	11,250.00 sf	7.05 /sf	79,273
		<b>02535 Outdoor Athletic Surfacing</b>	<b>64,370.00 sf</b>	<b>1.23 /sf</b>	<b>79,273</b>
		<b>02830 Fences &amp; Gates</b>			
		8' Perimeter Chain Link Fence	170.00 lf	60.00 /lf	10,200

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	<b>02830</b>	<b>Fences &amp; Gates</b>			
		42" Galv chain Link Fence	190.00 lf	35.00 /lf	6,650
		3' x 42" Pedestrian Galv. Chain Link Gate	2.00 ea	680.00 /ea	1,360
		<b>02830 Fences &amp; Gates</b>	<b>64,370.00 sf</b>	<b>0.28 /sf</b>	<b>18,210</b>
	<b>02842</b>	<b>Bicycle Racks &amp; Lockers</b>			
		Bicycle Racks, East Field	1.00 ea	12,500.00 /ea	12,500
		<b>02842 Bicycle Racks &amp; Lockers</b>	<b>64,370.00 sf</b>	<b>0.19 /sf</b>	<b>12,500</b>
	<b>02870</b>	<b>Site Furnishings</b>			
		Metal Bench, East Field	4.00 ea	1,000.00 /ea	4,000
		<b>02870 Site Furnishings</b>	<b>64,370.00 sf</b>	<b>0.06 /sf</b>	<b>4,000</b>
		<b>BUILDING PAD, EARTHWORK, SITEWORK</b>	<b>64,370.00 sf</b>	<b>7.95 /sf</b>	<b>511,728</b>
		<b>LANDSCAPE &amp; IRRIGATION</b>			
	<b>02900</b>	<b>Landscaping</b>			
		Landscaping, Area 2, Less the Glade	1.00 ls	126,634.90 /ls	126,635
		<b>02900 Landscaping</b>	<b>64,370.00 sf</b>	<b>1.97 /sf</b>	<b>126,635</b>
		<b>LANDSCAPE &amp; IRRIGATION</b>	<b>64,370.00 sf</b>	<b>1.97 /sf</b>	<b>126,635</b>
		<b>EXTERIOR ENVELOPE (VERTICAL)</b>			
	<b>05720</b>	<b>Railings &amp; Handrails</b>			
		Area 2, Misc Railing & Handrails	200.00 lf	120.00 /lf	24,000
		<b>05720 Railings &amp; Handrails</b>	<b>64,370.00 sf</b>	<b>0.37 /sf</b>	<b>24,000</b>
		<b>EXTERIOR ENVELOPE (VERTICAL)</b>	<b>64,370.00 sf</b>	<b>0.37 /sf</b>	<b>24,000</b>
		<b>ELECTRICAL</b>			
	<b>16100</b>	<b>Electrical Systems</b>			
		Glade Area Lighting & Electrical System	16,150.00 sf	6.12 /sf	98,885
		<b>16100 Electrical Systems</b>	<b>64,370.00 sf</b>	<b>1.54 /sf</b>	<b>98,885</b>
		<b>ELECTRICAL</b>	<b>64,370.00 sf</b>	<b>1.54 /sf</b>	<b>98,885</b>
		<b>Area 2 Glade Area</b>	<b>205,857.00 gsf</b>	<b>3.80 /gsf</b>	<b>781,408</b>
<b>Area 3</b>		<b>Concession/Restroom</b>			
		<b>BUILDING PAD, EARTHWORK, SITEWORK</b>			
	<b>02050</b>	<b>General Site Demolition</b>			
		Area 3 Tree Removal, Concessions	1.00 ls	1,768.00 /ls	1,768
		<b>02050 General Site Demolition</b>	<b>2,407.00 sf</b>	<b>0.74 /sf</b>	<b>1,768</b>
	<b>02525</b>	<b>Curbs &amp; Sidewalks</b>			
		Area 3, Sidewalks, Flatwork	1,865.00 sf	12.00 /sf	22,380

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		<b>02525 Curbs &amp; Sidewalks</b>	<b>2,407.00 sf</b>	<b>9.30 /sf</b>	<b>22,380</b>
		<b>03001 Site Precast</b>			
		Concrete Countertops - Concession	67.00 sf	125.00 /sf	8,375
		Concrete Countertops - Restroom	20.00 sf	125.00 /sf	2,500
		<b>03001 Site Precast</b>	<b>2,407.00 sf</b>	<b>4.52 /sf</b>	<b>10,875</b>
		<b>07110 Waterproofing</b>			
		Area 3, BGWP	710.00 sf	12.00 /sf	8,520
		Area 3, Vapor Retarder	1,274.00 sf	/sf	0
		Area 3, Elastomeric, Applied to Roof Deck	1,274.00 sf	4.00 /sf	5,096
		<b>07110 Waterproofing</b>	<b>2,407.00 sf</b>	<b>5.66 /sf</b>	<b>13,616</b>
		<b>BUILDING PAD, EARTHWORK, SITEWORK</b>	<b>2,407.00 sf</b>	<b>20.21 /sf</b>	<b>48,639</b>
		<b>LANDSCAPE &amp; IRRIGATION</b>			
		<b>02528 Poured In Place Concrete Stairs</b>			
		Area 3 CIP Stair at Concession/Restroom	33.00 lf	90.00 /lf	2,970
		<b>02528 Poured In Place Concrete Stairs</b>	<b>2,407.00 sf</b>	<b>1.23 /sf</b>	<b>2,970</b>
		<b>LANDSCAPE &amp; IRRIGATION</b>	<b>2,407.00 sf</b>	<b>1.23 /sf</b>	<b>2,970</b>
		<b>FOUNDATIONS</b>			
		<b>03900 Structural Concrete Work</b>			
		Area 3, Structural Concrete - Slabs, Walls, Decks	1,274.00 sf	62.01 /sf	79,000
		<b>03900 Structural Concrete Work</b>	<b>2,407.00 sf</b>	<b>32.82 /sf</b>	<b>79,000</b>
		<b>FOUNDATIONS</b>	<b>2,407.00 sf</b>	<b>32.82 /sf</b>	<b>79,000</b>
		<b>BUILDING STRUCTURE</b>			
		<b>02200 Earthwork</b>			
		Area 3 Earthwork Package - Finegrading	2,407.00 sf	10.39 /sf	25,000
		<b>02200 Earthwork</b>	<b>2,407.00 sf</b>	<b>10.39 /sf</b>	<b>25,000</b>
		<b>04200 Unit Masonry</b>			
		Area 3, CMU Walls - Standard Grey Block (Exterior)	1,757.00 sf	22.00 /sf	38,654
		<b>04200 Unit Masonry</b>	<b>2,407.00 sf</b>	<b>16.06 /sf</b>	<b>38,654</b>
		<b>04425 Veneer Masonry Systems</b>			
		Area 3, Veneer Masonry Systems	640.00 sf	46.00 /sf	29,440
		<b>04425 Veneer Masonry Systems</b>	<b>2,407.00 sf</b>	<b>12.23 /sf</b>	<b>29,440</b>
		<b>05715 Miscellaneous Iron</b>			
		Area 3, Misc Metals at Concession/Restroom	1.00 ls	5,850.00 /ls	5,850

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		<b>05715 Miscellaneous Iron</b>	<b>2,407.00 sf</b>	<b>2.43 /sf</b>	<b>5,850</b>
		<b>BUILDING STRUCTURE</b>	<b>2,407.00 sf</b>	<b>41.11 /sf</b>	<b>98,944</b>
		<b>EXTERIOR ENVELOPE (VERTICAL)</b>			
	<b>05720</b>	<b>Railings &amp; Handrails</b>			
		Area 3, Railing at Concession/Restroom	120.00 lf	300.00 /lf	36,000
		<b>05720 Railings &amp; Handrails</b>	<b>2,407.00 sf</b>	<b>14.96 /sf</b>	<b>36,000</b>
	<b>08100</b>	<b>Doors, Frames, Hardware, Labor</b>			
		Hollow Metal Doors & Frames	4.00 lvs	1,250.00 /lvs	5,000
		<b>08100 Doors, Frames, Hardware, Labor</b>	<b>2,407.00 sf</b>	<b>2.08 /sf</b>	<b>5,000</b>
		<b>EXTERIOR ENVELOPE (VERTICAL)</b>	<b>2,407.00 sf</b>	<b>17.03 /sf</b>	<b>41,000</b>
		<b>INTERIOR CONSTRUCTION</b>			
	<b>08331</b>	<b>Coiling Doors &amp; Grilles</b>			
		Area 3, Roll Up Door, Concession/Restroom	2.00 ea	3,000.00 /ea	6,000
		<b>08331 Coiling Doors &amp; Grilles</b>	<b>2,407.00 sf</b>	<b>2.49 /sf</b>	<b>6,000</b>
	<b>09900</b>	<b>Painting &amp; Wallcovering</b>			
		Paint Interior Walls & Ceilings	1,274.00 sf	1.25 /sf	1,593
		<b>09900 Painting &amp; Wallcovering</b>	<b>2,407.00 sf</b>	<b>0.66 /sf</b>	<b>1,593</b>
		<b>INTERIOR CONSTRUCTION</b>	<b>2,407.00 sf</b>	<b>3.15 /sf</b>	<b>7,593</b>
		<b>SPECIALTIES</b>			
	<b>10155</b>	<b>Toilet Compartments</b>			
		Toilet Partitions, Stainless Steel, Ceiling Hung	6.00 stl	1,225.00 /stl	7,350
		Urinal Screens, Stainless Steel	1.00 ea	350.00 /ea	350
		<b>10155 Toilet Compartments</b>	<b>2,407.00 sf</b>	<b>3.20 /sf</b>	<b>7,700</b>
	<b>10522</b>	<b>Fire Extinguishers &amp; Cabinets</b>			
		Fire Extinguishers & Cabinets - Surface	2.00 ea	225.00 /ea	450
		<b>10522 Fire Extinguishers &amp; Cabinets</b>	<b>2,407.00 sf</b>	<b>0.19 /sf</b>	<b>450</b>
	<b>10800</b>	<b>Toilet &amp; Bath Accessories</b>			
		Toilet Accessories	6.00 stl	300.00 /stl	1,800
		<b>10800 Toilet &amp; Bath Accessories</b>	<b>2,407.00 sf</b>	<b>0.75 /sf</b>	<b>1,800</b>
		<b>SPECIALTIES</b>	<b>2,407.00 sf</b>	<b>4.13 /sf</b>	<b>9,950</b>
		<b>FIRE PROTECTION</b>			
	<b>15300</b>	<b>Fire Sprinkler Systems</b>			
		Fire Sprinkler System, Shell Retail	1,274.00 sf	4.55 /sf	5,800
		Fire Sprinkler System, Connection	1.00 ls	1,500.00 /ls	1,500

location	CSI	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		<b>15300 Fire Sprinkler Systems</b>	<b>2,407.00 sf</b>	<b>3.03 /sf</b>	<b>7,300</b>
		<b>FIRE PROTECTION</b>	<b>2,407.00 sf</b>	<b>3.03 /sf</b>	<b>7,300</b>
		<b>PLUMBING</b>			
	<b>15400</b>	<b>Plumbing Systems</b>			
		Plumbing Fixtures, etc	1,274.00 sf	41.84 /sf	53,300
		Design Fees	1.00 ls	3,500.00 /ls	3,500
		Ceiling Fans at Bathrooms	2.00 ea	2,500.00 /ea	5,000
		<b>15400 Plumbing Systems</b>	<b>2,407.00 sf</b>	<b>25.68 /sf</b>	<b>61,800</b>
		<b>PLUMBING</b>	<b>2,407.00 sf</b>	<b>25.68 /sf</b>	<b>61,800</b>
		<b>ELECTRICAL</b>			
	<b>16100</b>	<b>Electrical Systems</b>			
		Concessions/Restrooms Lighting & Electrical System	1,274.00 sf	55.42 /sf	70,608
		<b>16100 Electrical Systems</b>	<b>2,407.00 sf</b>	<b>29.33 /sf</b>	<b>70,608</b>
		<b>ELECTRICAL</b>	<b>2,407.00 sf</b>	<b>29.33 /sf</b>	<b>70,608</b>
		<b>Area 3 Concession/Restroom</b>	<b>205,857.00 gsf</b>	<b>2.08 /gsf</b>	<b>427,804</b>

**Estimate Totals**

Description	Amount	Totals
	<b>5,813,012</b>	<b>5,813,012</b>
Markups	<b>277,279</b>	<b>6,090,291</b>
CM & O/Head	<b>182,709</b>	
<b>Total</b>		<b>6,273,000</b>