

Moraga Canyon Sports Field - Complete Master Plan Buildout

| | |
|---------------------------|---|
| Project name | Blair Park Playing Field Moraga Avenue Piedmont CA |
| Estimator | TP |
| Labor rate table | 1g6BA,7/07-1/08,36mo |
| Job size | 205857 sf |
| Duration | 6 mos |
| Bid date | 11/28/2011 |
| Project | Blair Park Field |
| Project Type | Sports Field |
| Area 1 - U12 Field | 45,000 sf |
| Area 1- Parking | 9,000 sf |
| Area 1 - Site | 77,350 sf |
| Area 2 - U8 Field | 11,250 sf |
| Area 2 - Parking | 4,900 sf |
| Area 2 - Site | 46,880 sf |
| Concession - Area | 1,274 sf |
| Concession - Site | 1,133 sf |
| Area 1 Car Count | 26 stalls |
| Area 2 Car Count | 14 stalls |
| Notes | <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> |
| Report format | Sorted by 'location/systems/CSI' 'Detail' summary |



| location | CSI | Description | Takeoff Quantity | Total Cost/Unit | Total Amount |
|---------------|--------------|---|----------------------|-----------------------|----------------|
| 1 GCs | | General Conditions | | | |
| | | GENERAL CONDITIONS | | | |
| | 01200 | Allocate GC's | | | |
| | | 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 |
| | | 01200 Allocate GC's | 6.00 mos | 89,920.50 /mos | 539,523 |
| | | GENERAL CONDITIONS | 6.00 sf | 89,920.50 /sf | 539,523 |
| | | 1 GCs General Conditions | 6.00 mo | 89,920.50 /mo | 539,523 |
| Area 1 | | Large Sports Field, Vertical Garden Wall | | | |
| | | BUILDING PAD, EARTHWORK, SITEWORK | | | |
| | 02010 | Surveying | | | |
| | | Area 1 Surveying | 0.60 ls | 20,000.00 /ls | 12,000 |
| | | 02010 Surveying | 139,080.00 sf | 0.09 /sf | 12,000 |
| | 02025 | Debris Boxes | | | |
| | | Area 1, Debris Boxes | 52.00 ea | 420.00 /ea | 21,840 |
| | | 02025 Debris Boxes | 139,080.00 sf | 0.16 /sf | 21,840 |
| | 02050 | General Site Demolition | | | |
| | | Area 1 Tree Removal, U12 Field | 1.00 ls | 54,968.00 /ls | 54,968 |
| | | 02050 General Site Demolition | 139,080.00 sf | 0.40 /sf | 54,968 |
| | 02051 | Tree Protection | | | |
| | | Area 1 Tree Protection, U12 Field | 1.00 ls | 5,920.00 /ls | 5,920 |
| | | 02051 Tree Protection | 139,080.00 sf | 0.04 /sf | 5,920 |
| | 02055 | Investigative Demolition | | | |
| | | Investigative Demolition, U12 Field | 1.00 ls | 10,000.00 /ls | 10,000 |
| | | 02055 Investigative Demolition | 139,080.00 sf | 0.07 /sf | 10,000 |
| | 02150 | Shoring & Underpinning | | | |
| | | 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 |

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| | 02150 | Shoring & Underpinning | | | |
| | | 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 |
| | | 02150 Shoring & Underpinning | 139,080.00 sf | 7.27 /sf | 1,011,151 |
| | 02200 | Earthwork | | | |
| | | 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 |
| | | 02200 Earthwork | 139,080.00 sf | 4.51 /sf | 627,500 |
| | 02270 | Erosion Control | | | |
| | | Area 1, Erosion Control, U12 Field | 1.00 ls | 7,500.00 /ls | 7,500 |
| | | 02270 Erosion Control | 139,080.00 sf | 0.05 /sf | 7,500 |
| | 02500 | Grading & Paving | | | |
| | | Area 1, AC Patch Paving | 1.00 ls | 16,500.00 /ls | 16,500 |
| | | 02500 Grading & Paving | 139,080.00 sf | 0.12 /sf | 16,500 |
| | 02525 | Curbs & Sidewalks | | | |
| | | 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 |
| | | 02525 Curbs & Sidewalks | 139,080.00 sf | 1.50 /sf | 207,960 |
| | 02528 | Poured In Place Concrete Stairs | | | |
| | | 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 |
| | | 02528 Poured In Place Concrete Stairs | 139,080.00 sf | 0.32 /sf | 45,050 |
| | 02535 | Outdoor Athletic Surfacing | | | |
| | | 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 |
| | | 02535 Outdoor Athletic Surfacing | 139,080.00 sf | 4.86 /sf | 676,426 |
| | 02580 | Pavement Markings | | | |
| | | 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 |
|----------|-----|--|----------------------|------------------|------------------|
| | | 02580 Pavement Markings | | | |
| | | 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 |
| | | 02580 Pavement Markings | 139,080.00 sf | 0.02 /sf | 2,935 |
| | | 02600 Underground Utilities | | | |
| | | 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 |
| | | 02600 Underground Utilities | 139,080.00 sf | 5.55 /sf | 771,341 |
| | | 02830 Fences & Gates | | | |
| | | 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 |
| | | 02830 Fences & Gates | 139,080.00 sf | 0.80 /sf | 111,825 |
| | | 02842 Bicycle Racks & Lockers | | | |
| | | Bicycle Racks, West Field | 1.00 ea | 12,500.00 /ea | 12,500 |
| | | 02842 Bicycle Racks & Lockers | 139,080.00 sf | 0.09 /sf | 12,500 |
| | | 02870 Site Furnishings | | | |
| | | 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 |
| | | 02870 Site Furnishings | 139,080.00 sf | 0.19 /sf | 26,000 |
| | | BUILDING PAD, EARTHWORK, SITEWORK | 139,080.00 sf | 26.04 /sf | 3,621,416 |
| | | LANDSCAPE & IRRIGATION | | | |
| | | 02810 Irrigation Systems | | | |
| | | Irrigation Systems, U12 (Not Required) | sf | /sf | |
| | | 02900 Landscaping | | | |
| | | 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 |
|---------------|--------------|--|-----------------------|-------------------|------------------|
| | | 02900 Landscaping | 139,080.00 sf | 2.08 /sf | 289,461 |
| | | LANDSCAPE & IRRIGATION | 139,080.00 sf | 2.08 /sf | 289,461 |
| | | EXTERIOR ENVELOPE (VERTICAL) | | | |
| | 05720 | Railings & Handrails | | | |
| | | Area 1, Misc Railing & Handrails | 195.00 lf | 120.00 /lf | 23,400 |
| | 05720 | Railings & Handrails | 139,080.00 sf | 0.17 /sf | 23,400 |
| | | EXTERIOR ENVELOPE (VERTICAL) | 139,080.00 sf | 0.17 /sf | 23,400 |
| | | ELECTRICAL | | | |
| | 16100 | Electrical Systems | | | |
| | | 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 |
| | 16100 | Electrical Systems | 139,080.00 sf | 0.94 /sf | 130,000 |
| | | ELECTRICAL | 139,080.00 sf | 0.94 /sf | 130,000 |
| | | Area 1 Large Sports Field, Vertical Garden Wall | 205,857.00 gsf | 19.74 /gsf | 4,064,277 |
| Area 2 | | Glade Area | | | |
| | | GENERAL CONDITIONS | | | |
| | 02025 | Debris Boxes | | | |
| | | Area 2, Debris Boxes | 48.00 ea | 420.00 /ea | 20,160 |
| | 02025 | Debris Boxes | 64,370.00 sf | 0.31 /sf | 20,160 |
| | | GENERAL CONDITIONS | 64,370.00 sf | 0.31 /sf | 20,160 |
| | | BUILDING PAD, EARTHWORK, SITEWORK | | | |
| | 02010 | Surveying | | | |
| | | Area 2 Surveying | 0.40 ls | 20,000.00 /ls | 8,000 |
| | 02010 | Surveying | 64,370.00 sf | 0.12 /sf | 8,000 |
| | 02050 | General Site Demolition | | | |
| | | Area 2 Tree Removal | 1.00 ls | 33,824.00 /ls | 33,824 |
| | 02050 | General Site Demolition | 64,370.00 sf | 0.53 /sf | 33,824 |
| | 02051 | Tree Protection | | | |
| | | Area 2 Tree Protection | 1.00 ls | 3,680.00 /ls | 3,680 |
| | 02051 | Tree Protection | 64,370.00 sf | 0.06 /sf | 3,680 |
| | 02055 | Investigative Demolition | | | |
| | | Investigative Demolition | 1.00 ls | 10,000.00 /ls | 10,000 |

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|----------|-----|--|---------------------|-----------------|----------------|
| | | 02055 Investigative Demolition | 64,370.00 sf | 0.16 /sf | 10,000 |
| | | 02150 Shoring & Underpinning | | | |
| | | 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 |
| | | 02150 Shoring & Underpinning | 64,370.00 sf | 2.21 /sf | 142,500 |
| | | 02200 Earthwork | | | |
| | | 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 |
| | | 02200 Earthwork | 64,370.00 sf | 0.27 /sf | 17,500 |
| | | 02270 Erosion Control | | | |
| | | Area 2, Erosion Control | 1.00 ls | 7,500.00 /ls | 7,500 |
| | | 02270 Erosion Control | 64,370.00 sf | 0.12 /sf | 7,500 |
| | | 02500 Grading & Paving | | | |
| | | Area 2, AC Patch Paving | 1.00 ls | 10,000.00 /ls | 10,000 |
| | | 02500 Grading & Paving | 64,370.00 sf | 0.16 /sf | 10,000 |
| | | 02525 Curbs & Sidewalks | | | |
| | | 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 |
| | | 02525 Curbs & Sidewalks | 64,370.00 sf | 1.82 /sf | 117,025 |
| | | 02528 Poured In Place Concrete Stairs | | | |
| | | 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 |
| | | 02528 Poured In Place Concrete Stairs | 64,370.00 sf | 0.74 /sf | 47,716 |
| | | 02535 Outdoor Athletic Surfacing | | | |
| | | 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 |
| | | 02535 Outdoor Athletic Surfacing | 64,370.00 sf | 1.23 /sf | 79,273 |
| | | 02830 Fences & Gates | | | |
| | | 8' Perimeter Chain Link Fence | 170.00 lf | 60.00 /lf | 10,200 |

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

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

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| | | 05715 Miscellaneous Iron | 2,407.00 sf | 2.43 /sf | 5,850 |
| | | BUILDING STRUCTURE | 2,407.00 sf | 41.11 /sf | 98,944 |
| | | EXTERIOR ENVELOPE (VERTICAL) | | | |
| | 05720 | Railings & Handrails | | | |
| | | Area 3, Railing at Concession/Restroom | 120.00 lf | 300.00 /lf | 36,000 |
| | | 05720 Railings & Handrails | 2,407.00 sf | 14.96 /sf | 36,000 |
| | 08100 | Doors, Frames, Hardware, Labor | | | |
| | | Hollow Metal Doors & Frames | 4.00 lvs | 1,250.00 /lvs | 5,000 |
| | | 08100 Doors, Frames, Hardware, Labor | 2,407.00 sf | 2.08 /sf | 5,000 |
| | | EXTERIOR ENVELOPE (VERTICAL) | 2,407.00 sf | 17.03 /sf | 41,000 |
| | | INTERIOR CONSTRUCTION | | | |
| | 08331 | Coiling Doors & Grilles | | | |
| | | Area 3, Roll Up Door, Concession/Restroom | 2.00 ea | 3,000.00 /ea | 6,000 |
| | | 08331 Coiling Doors & Grilles | 2,407.00 sf | 2.49 /sf | 6,000 |
| | 09900 | Painting & Wallcovering | | | |
| | | Paint Interior Walls & Ceilings | 1,274.00 sf | 1.25 /sf | 1,593 |
| | | 09900 Painting & Wallcovering | 2,407.00 sf | 0.66 /sf | 1,593 |
| | | INTERIOR CONSTRUCTION | 2,407.00 sf | 3.15 /sf | 7,593 |
| | | SPECIALTIES | | | |
| | 10155 | Toilet Compartments | | | |
| | | 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 |
| | | 10155 Toilet Compartments | 2,407.00 sf | 3.20 /sf | 7,700 |
| | 10522 | Fire Extinguishers & Cabinets | | | |
| | | Fire Extinguishers & Cabinets - Surface | 2.00 ea | 225.00 /ea | 450 |
| | | 10522 Fire Extinguishers & Cabinets | 2,407.00 sf | 0.19 /sf | 450 |
| | 10800 | Toilet & Bath Accessories | | | |
| | | Toilet Accessories | 6.00 stl | 300.00 /stl | 1,800 |
| | | 10800 Toilet & Bath Accessories | 2,407.00 sf | 0.75 /sf | 1,800 |
| | | SPECIALTIES | 2,407.00 sf | 4.13 /sf | 9,950 |
| | | FIRE PROTECTION | | | |
| | 15300 | Fire Sprinkler Systems | | | |
| | | 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 |
|----------|--------------|--|-----------------------|------------------|----------------|
| | | 15300 Fire Sprinkler Systems | 2,407.00 sf | 3.03 /sf | 7,300 |
| | | FIRE PROTECTION | 2,407.00 sf | 3.03 /sf | 7,300 |
| | | PLUMBING | | | |
| | 15400 | Plumbing Systems | | | |
| | | 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 |
| | | 15400 Plumbing Systems | 2,407.00 sf | 25.68 /sf | 61,800 |
| | | PLUMBING | 2,407.00 sf | 25.68 /sf | 61,800 |
| | | ELECTRICAL | | | |
| | 16100 | Electrical Systems | | | |
| | | Concessions/Restrooms Lighting & Electrical System | 1,274.00 sf | 55.42 /sf | 70,608 |
| | | 16100 Electrical Systems | 2,407.00 sf | 29.33 /sf | 70,608 |
| | | ELECTRICAL | 2,407.00 sf | 29.33 /sf | 70,608 |
| | | Area 3 Concession/Restroom | 205,857.00 gsf | 2.08 /gsf | 427,804 |

Estimate Totals

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