

Final Conceptual Design

**SURFACE LEGEND**

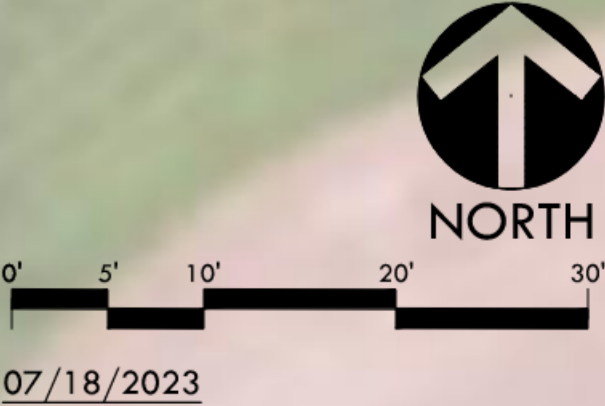
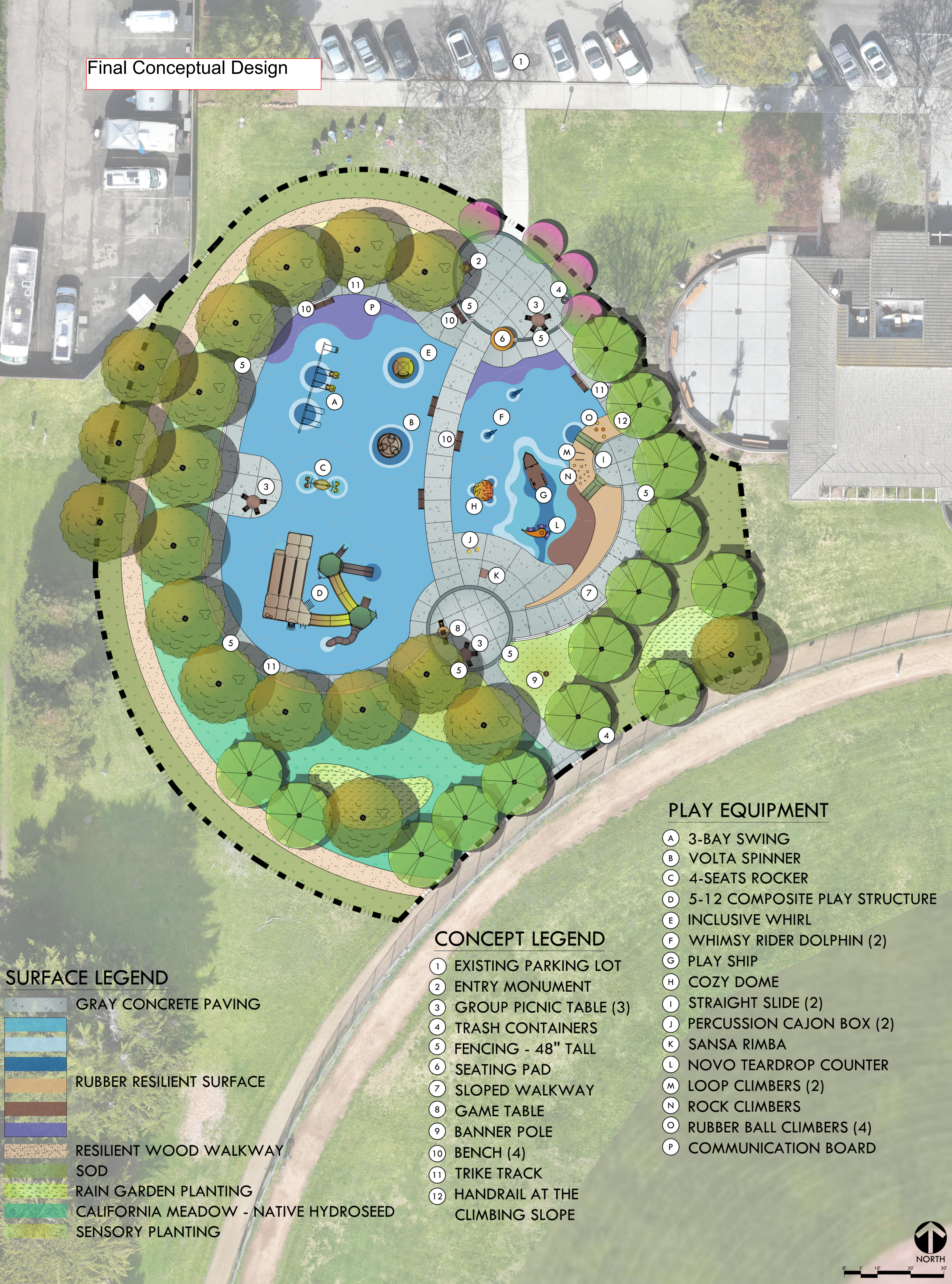
-  GRAY CONCRETE PAVING
-  RUBBER RESILIENT SURFACE
-  RESILIENT WOOD WALKWAY
-  SOD
-  RAIN GARDEN PLANTING
-  CALIFORNIA MEADOW - NATIVE HYDROSEED
-  SENSORY PLANTING

**CONCEPT LEGEND**

- ① EXISTING PARKING LOT
- ② ENTRY MONUMENT
- ③ GROUP PICNIC TABLE (3)
- ④ TRASH CONTAINERS
- ⑤ FENCING - 48" TALL
- ⑥ SEATING PAD
- ⑦ SLOPED WALKWAY
- ⑧ GAME TABLE
- ⑨ BANNER POLE
- ⑩ BENCH (4)
- ⑪ TRIKE TRACK
- ⑫ HANDRAIL AT THE CLIMBING SLOPE

**PLAY EQUIPMENT**

- A 3-BAY SWING
- B VOLTA SPINNER
- C 4-SEATS ROCKER
- D 5-12 COMPOSITE PLAY STRUCTURE
- E INCLUSIVE WHIRL
- F WHIMSY RIDER DOLPHIN (2)
- G PLAY SHIP
- H COZY DOME
- I STRAIGHT SLIDE (2)
- J PERCUSSION CAJON BOX (2)
- K SANSA RIMBA
- L NOVO TEARDROP COUNTER
- M LOOP CLIMBERS (2)
- N ROCK CLIMBERS
- O RUBBER BALL CLIMBERS (4)
- P COMMUNICATION BOARD



Preferred Plan  
 Jade Street Park Universally Accessible Playground  
 City of Capitola  
 4400 Jade St, Capitola, CA 95010



**Jade Street Playground Project - Preferred Plan**

July 18, 2023

**City of Capitola**

Verde Design Inc.

Preliminary Construction Cost Estimate  
 VERDE DESIGN PROJECT NO. 2300300

Completed by: DL  
 Reviewed by: TY

Cost Estimate: Play Area

\$1,157,089

Cost Estimate: Play Area with Construction Contingencies

\$1,492,644

| ITEM DESCRIPTION  | QUANTITY | UNIT  | UNIT PRICE  | EXTENDED PRICE      |
|---|----------|-------|-------------|---------------------|
| <b>1 Site Clearing and Demolition</b>                                     |          |       |             | <b>\$54,538.60</b>  |
| Tree Protection   | 5        | ea.   | \$500.00    | \$2,500.00          |
| Spray, Clear, Grub and Strip existing landscape areas                     | 16,425   | sf    | \$0.50      | \$8,212.50          |
| Demolish DG Paving  | 1,224    | sf    | \$2.50      | \$3,060.00          |
| Demolish and Remove Existing Play Equipment                               | 1        | allow | \$20,000.00 | \$20,000.00         |
| Demolish Hardscape  | 896      | sf    | \$1.60      | \$1,433.60          |
| Demolish 24" Concrete Curb at Play Area                                   | 405      | lf    | \$10.00     | \$4,050.00          |
| Demolish Concrete Edgeband  | 51       | sf    | \$15.00     | \$765.00            |
| Remove and Reused at Dog Walkway  | 9,235    | sf    | \$0.50      | \$4,617.50          |
| Remove and Salvage Bench  | 6        | ea.   | \$200.00    | \$1,200.00          |
| Remove and Salvage Trash Receptcle  | 3        | ea.   | \$200.00    | \$600.00            |
| Remove Drinking Fountain  | 1        | ea.   | \$1,000.00  | \$1,000.00          |
| Remove Signage  | 1        | ea.   | \$500.00    | \$500.00            |
| Remove Irrigation Pipe, Valves, and Heads, and Cap Main and Lateral Lines | 1        | ls    | \$1,500.00  | \$1,500.00          |
| Demolish and Remove Existing Tree   | 3        | ea.   | \$1,200.00  | \$3,600.00          |
| Miscellaneous Demolition  | 1        | ls    | \$1,500.00  | \$1,500.00          |
| <b>2 Site Grading and Earthwork</b>                                       |          |       |             | <b>\$60,201.93</b>  |
| Rough Grading   | 31,049   | sf    | \$1.40      | \$43,468.60         |
| Off-haul and Disposal (allowance 6")                                      | 279      | cy    | \$60.00     | \$16,733.33         |
| <b>3 Drainage / Utilities</b>   |          |       |             | <b>\$56,277.83</b>  |
| Drainage  | 14,122   | sf    | \$2.50      | \$35,305.00         |
| Drainage Point of Connection  | 1        | ls    | \$1,500.00  | \$1,500.00          |
| <b>C3 Area (Hardscape)</b>  |          |       |             |                     |
| Biofiltration Soil -24"   | 69       | cy    | \$85.00     | \$5,899.63          |
| Biofiltration Drain Rock Base - 24" depth                                 | 937      | sf    | \$3.60      | \$3,373.20          |
| 6" Perforated Underdrain  | 80       | lf    | \$60.00     | \$4,800.00          |
| Cleanouts   | 2        | ea    | \$500.00    | \$1,000.00          |
| Rasied Catch Basin -18"   | 2        | ea    | \$2,200.00  | \$4,400.00          |
| <b>4 Hardscape</b>  |          |       |             | <b>\$352,768.00</b> |
| Std. Concrete Paving - Pedestrian   | 3,621    | sf    | \$14.00     | \$50,694.00         |
| Concrete Paving with Thickened Edge                                       | 487      | lf    | \$50.00     | \$24,350.00         |
| Resilient Surfacing with Aggregate Base                                   | 7,814    | sf    | \$25.00     | \$195,350.00        |
| Resilient Surfacing at Sloped Concrete Slab at Toddler Play Area          | 451      | sf    | \$40.00     | \$18,040.00         |
| Resilient Wood Walkway on Grade w/ recycled Existing Wood Fiber           | 0        | sf    | \$1.75      | \$0.00              |
| Wood Header at Resilient Wood Walkway                                     | 633      | lf    | \$8.00      | \$5,064.00          |
| Concrete Seating Pad  | 1        | ea    | \$2,000.00  | \$2,000.00          |
| Concrete Trike Track  | 1,520    | sf    | \$14.00     | \$21,280.00         |
| Sloped Walkway at Toddler Area - Concrete Paving                          | 515      | sf    | \$25.00     | \$12,875.00         |
| <b>Edgeband / Curb</b>  |          |       |             |                     |
| 12" Wide Concrete Edgeband  | 46       | lf    | \$75.00     | \$3,450.00          |
| 6" Wide Concrete Curb   | 81       | lf    | \$65.00     | \$5,265.00          |
| 12" Wide Concrete Curb  | 92       | lf    | \$100.00    | \$9,200.00          |
| Footing for Sloped Concrete at Resilient Surfacing                        | 80       | lf    | \$65.00     | \$5,200.00          |
| <b>5 Gateway &amp; Fencing</b>  |          |       |             | <b>\$89,675.00</b>  |
| Entry Monument  | 1        | ls    | \$50,000.00 | \$50,000.00         |
| 48" Tall Metal Fence  | 405      | lf    | \$95.00     | \$38,475.00         |
| Handrail at Climbing Slope  | 10       | lf    | \$120.00    | \$1,200.00          |
| <b>6 Site Furnishings</b>   |          |       |             | <b>\$20,528.00</b>  |
| Group Picnic Table - 4 Seat w/ 1 ADA                                      | 3        | ea.   | \$3,528.00  | \$10,584.00         |
| Reinstall Existing Bench  | 6        | ea    | \$200.00    | \$1,200.00          |
| Game Table  | 1        | ea.   | \$2,344.00  | \$2,344.00          |
| Reinstall Existing Trash Receptcle  | 2        | ea.   | \$200.00    | \$400.00            |
| Banner Pole   | 1        | ea.   | \$2,500.00  | \$2,500.00          |
| Communication Board   | 1        | ea.   | \$3,500.00  | \$3,500.00          |

**7 Playground Equipment** **\$399,786.04**

**5-12 Years PlayArea**

**Climber and Slide Zone**

|   |   |     |              |              |
|---|---|-----|--------------|--------------|
| 5-12 Composite play Struture (simplified) | 1 | ea. | \$145,000.00 | \$145,000.00 |
| Burke 4 Seat Orb Rocker                   | 1 | ea. | \$8,550.00   | \$8,550.00   |

**Swing and Sway Zone**

|  |   |     |             |             |
|--|---|-----|-------------|-------------|
| 3-Bay Swing w/ (2) Belt, (2) Full Bucket & (1) Molded Bucket seats | 1 | ea. | \$12,000.00 | \$12,000.00 |
| Volta Spinner  | 1 | ea. | \$8,000.00  | \$8,000.00  |
| Inclusive Whirl (Gametime)   | 1 | ea. | \$18,000.00 | \$18,000.00 |

**Tot Play**

**Climber and Slide Zone**

|                                     |   |     |             |             |
|-------------------------------------|---|-----|-------------|-------------|
| Small Embankment Slide              | 2 | ea. | \$3,000.00  | \$6,000.00  |
| Cozy Dome                           | 1 | ea. | \$5,680.00  | \$5,680.00  |
| Novo Teardrop Counter Climber       | 1 | ea. | \$3,000.00  | \$3,000.00  |
| Imagination Play Ship               | 1 | ea. | \$17,995.00 | \$17,995.00 |
| Whimsy Rider Dolphin w/ Coil Spring | 2 | ea. | \$1,840.00  | \$3,680.00  |
| Hillside Loop Climber               | 2 | ea. | \$180.00    | \$360.00    |
| Rock Climber                        | 1 | ls  | \$1,250.00  | \$1,250.00  |
| Rubber Ball Climber                 | 4 | ea. | \$180.00    | \$720.00    |

**Sensory Play Zone**

|                      |   |     |            |            |
|----------------------|---|-----|------------|------------|
| Percussion Cajon Box | 2 | ea. | \$2,500.00 | \$5,000.00 |
| Sansa Rimba          | 1 | ea. | \$3,800.00 | \$3,800.00 |

**Play Equipment Subtotal Estimate:**

**\$239,035.00**

|   |             |
|---|-------------|
| <b>Tax, 9.25%</b>                           | \$22,110.74 |
| <b>Freight, approx. 10%</b>                 | \$23,903.50 |
| <b>Installation, approx. 35%</b>            | \$83,662.25 |
| <b>Contractor mark-up, at 10%</b>           | \$23,903.50 |
| <b>Manufacturer's schedule surcharge 3%</b> | \$7,171.05  |

**8 Irrigation and Planting**

**\$123,313.10**

|   |        |     |            |             |
|---|--------|-----|------------|-------------|
| Planting (Shrubs, Ground Covers, Mulch, Fine Grading) | 2138   | sf  | \$2.50     | \$5,345.00  |
| Sod Grass   | 6102   | sf  | \$2.30     | \$14,034.60 |
| Native Hydroseed                                      | 6726   | sf  | \$0.50     | \$3,363.00  |
| Tree 1.5 gallon                                       | 36     | ea. | \$800.00   | \$28,800.00 |
| Bark Mulch  | 8,864  | sf  | \$0.75     | \$6,648.00  |
| Landscape - 90 day Maintenance Period                 | 14,966 | sf  | \$0.25     | \$3,741.50  |
| Irrigation (Main/Lateral Line, Drip & Bubbler)        | 14,966 | sf  | \$3.50     | \$52,381.00 |
| Remote Control Valves                                 | 3      | ea. | \$1,000.00 | \$3,000.00  |
| Quick Coupler Valves                                  | 3      | ea. | \$500.00   | \$1,500.00  |
| Gate Valves   | 4      | ea. | \$500.00   | \$2,000.00  |
| Wiring  | 1      | ls  | \$1,000.00 | \$1,000.00  |
| Retrofit Existing Irrigation                          | 1      | ls  | \$1,500.00 | \$1,500.00  |

**Estimated Construction Subtotal**

**\$1,157,088.50**

|   |              |
|---|--------------|
| Survey, Permits, Traffic, SWPPP, etc. - 3%      | \$34,713.00  |
| Mobilization, Bonding & Project Management -10% | \$115,709.00 |
| Bidding & Inflation Contingency 5% (First Year) | \$57,854.00  |
| Construction Contingency 6%                     | \$69,425.00  |
| Design Contingency 5%                           | \$57,854.00  |

**Total Estimated Project Field Construction Costs:**

**\$1,492,643.50**

# Enhanced Conceptual Design

## SURFACE LEGEND

-  GRAY CONCRETE PAVING
-  RUBBER RESILIENT SURFACE
-  RESILIENT WOOD WALKWAY
-  SOD
-  RAIN GARDEN PLANTING
-  CALIFORNIA MEADOW - NATIVE HYDROSEED
-  SENSORY PLANTING

## CONCEPT LEGEND

- ① EXISTING PARKING LOT
- ② ENTRY MONUMENT
- ③ GROUP PICNIC TABLE (3)
- ④ TRASH CONTAINERS
- ⑤ FENCING - 48" TALL
- ⑥ SEATING PAD
- ⑦ SLOPED WALKWAY
- ⑧ GAME TABLE (3)
- ⑨ PICNIC TABLE - 4 SEATS (3)
- ⑩ BANNER POLE (3)
- ⑪ BENCH (4)
- ⑫ TRIKE TRACK
- ⑬ HANDRAIL AT CLIMBING SLOPE

## PLAY EQUIPMENT

- Ⓐ 3-BAY SWING
- Ⓑ 4-SEATS ROCKER
- Ⓒ 5-12 COMPOSITE PLAY STRUCTURE
- Ⓓ INCLUSIVE WHIRL
- Ⓔ ADA CYCLONE SPINNER
- Ⓕ REVIROCK BOUNCER
- Ⓖ WHIMSY RIDER DOLPHIN (2)
- Ⓗ KID FORCE SPINNER (2)
- Ⓘ PLAY SHIP
- Ⓙ COZY DOME
- Ⓚ ROLLER SLIDE
- Ⓛ DOUBLE SLIDE
- Ⓜ PERCUSSION CAJON BOX (2)
- Ⓝ SANSA RIMBA
- Ⓞ KINDERBELLS
- Ⓟ NOVO TEARDROP COUNTER
- Ⓠ LOOP CLIMBERS (3)
- Ⓡ ROCK CLIMBERS
- Ⓢ RUBBER BALL CLIMBERS (4)
- Ⓣ SWIFT TWIST SPINNER
- Ⓤ COMMUNICATION BOARD



Enhanced Plan  
 Jade Street Park Universally Accessible Playground  
 City of Capitola  
 4400 Jade St, Capitola, CA 95010



LANDSCAPE ARCHITECTURE  
 CIVIL ENGINEERING  
 SPORT PLANNING & DESIGN  
 2455 The Alameda, Ste. 200  
 Santa Clara, CA 95050  
 Tel: 408.985.7200  
 Fax: 408.985.7260  
 www.verdedesigninc.com



07/18/2023

**Jade Street Playground Project - Enhanced Plan**

July 18, 2023

**City of Capitola**

Verde Design Inc.

Preliminary Construction Cost Estimate

Completed by: DL

VERDE DESIGN PROJECT NO. 2300300

Reviewed by: TY

Cost Estimate: Play Area

\$1,257,385

Cost Estimate: Play Area with Construction Contingencies

\$1,622,027

| ITEM DESCRIPTION  | QUANTITY | UNIT  | UNIT PRICE  | EXTENDED PRICE      |
|---|----------|-------|-------------|---------------------|
| <b>1 Site Clearing and Demolition</b>                                     |          |       |             | <b>\$54,538.60</b>  |
| Tree Protection   | 5        | ea.   | \$500.00    | \$2,500.00          |
| Spray, Clear, Grub and Strip existing landscape areas                     | 16,425   | sf    | \$0.50      | \$8,212.50          |
| Demolish DG Paving  | 1,224    | sf    | \$2.50      | \$3,060.00          |
| Demolish and Remove Existing Play Equipment                               | 1        | allow | \$20,000.00 | \$20,000.00         |
| Demolish Hardscape  | 896      | sf    | \$1.60      | \$1,433.60          |
| Demolish 24" Concrete Curb at Play Area                                   | 405      | lf    | \$10.00     | \$4,050.00          |
| Demolish Concrete Edgeband  | 51       | sf    | \$15.00     | \$765.00            |
| Remove and Reused at Dog Walkway  | 9,235    | sf    | \$0.50      | \$4,617.50          |
| Remove and Salvage Bench  | 6        | ea.   | \$200.00    | \$1,200.00          |
| Remove and Salvage Trash Receptcle  | 3        | ea.   | \$200.00    | \$600.00            |
| Remove Drinking Fountain  | 1        | ea.   | \$1,000.00  | \$1,000.00          |
| Remove Signage  | 1        | ea.   | \$500.00    | \$500.00            |
| Remove Irrigation Pipe, Valves, and Heads, and Cap Main and Lateral Lines | 1        | ls    | \$1,500.00  | \$1,500.00          |
| Demolish and Remove Existing Tree   | 3        | ea.   | \$1,200.00  | \$3,600.00          |
| Miscellaneous Demolition  | 1        | ls    | \$1,500.00  | \$1,500.00          |
| <b>2 Site Grading and Earthwork</b>                                       |          |       |             | <b>\$60,201.93</b>  |
| Rough Grading   | 31,049   | sf    | \$1.40      | \$43,468.60         |
| Off-haul and Disposal (allowance 6")                                      | 279      | cy    | \$60.00     | \$16,733.33         |
| <b>3 Drainage / Utilities</b>   |          |       |             | <b>\$56,287.73</b>  |
| Drainage  | 14,122   | sf    | \$2.50      | \$35,305.00         |
| Drainage Point of Connection  | 1        | ls    | \$1,500.00  | \$1,500.00          |
| <b>C3 Area (Hardscape)</b>  |          |       |             |                     |
| Biofiltration Soil -24"   | 69       | cy    | \$85.00     | \$5,905.93          |
| Biofiltration Drain Rock Base - 24" depth                                 | 938      | sf    | \$3.60      | \$3,376.80          |
| 6" Perforated Underdrain  | 80       | lf    | \$60.00     | \$4,800.00          |
| Cleanouts   | 2        | ea    | \$500.00    | \$1,000.00          |
| Rasied Catch Basin -18"   | 2        | ea    | \$2,200.00  | \$4,400.00          |
| <b>4 Hardscape</b>  |          |       |             | <b>\$363,436.00</b> |
| Std. Concrete Paving - Pedestrian   | 4,383    | sf    | \$14.00     | \$61,362.00         |
| Concrete Paving with Thickened Edge                                       | 487      | lf    | \$50.00     | \$24,350.00         |
| Resilient Surfacing with Aggregate Base                                   | 7,814    | sf    | \$25.00     | \$195,350.00        |
| Resilient Surfacing at Sloped Concrete Slab at Toddler Play Area          | 451      | sf    | \$40.00     | \$18,040.00         |
| Resilient Wood Walkway on Grade with recycled Existing Wood Fiber         | 0        | sf    | \$1.75      | \$0.00              |
| Wood Header at Resilient Wood Walkway                                     | 633      | lf    | \$8.00      | \$5,064.00          |
| Concrete Seating Pad  | 1        | ea    | \$2,000.00  | \$2,000.00          |
| Concrete Trike Track  | 1,520    | sf    | \$14.00     | \$21,280.00         |
| Sloped Walkway at Toddler Area - Concrete Paving                          | 515      | sf    | \$25.00     | \$12,875.00         |
| <b>Edgeband / Curb</b>  |          |       |             |                     |
| 12" Wide Concrete Edgeband  | 46       | lf    | \$75.00     | \$3,450.00          |
| 6" Wide Concrete Curb   | 81       | lf    | \$65.00     | \$5,265.00          |
| 12" Wide Concrete Curb  | 92       | lf    | \$100.00    | \$9,200.00          |
| Footing for Sloped Concrete at Resilient Surfacing                        | 80       | lf    | \$65.00     | \$5,200.00          |
| <b>5 Gateway &amp; Fencing</b>  |          |       |             | <b>\$92,810.00</b>  |
| Entry Monument  | 1        | ls    | \$50,000.00 | \$50,000.00         |
| 48" Tall Metal Fence  | 438      | lf    | \$95.00     | \$41,610.00         |
| Handrail at Climbing Slope  | 10       | lf    | \$120.00    | \$1,200.00          |
| <b>6 Site Furnishings</b>   |          |       |             | <b>\$38,586.00</b>  |
| Group Picnic Table  | 3        | ea.   | \$3,528.00  | \$10,584.00         |
| Reinstall Existing Bench  | 6        | ea    | \$200.00    | \$1,200.00          |
| Game Table  | 3        | ea.   | \$2,344.00  | \$7,032.00          |
| Picnic Table - 4 Seats  | 3        | ea    | \$2,790.00  | \$8,370.00          |
| Reinstall Existing Trash Receptcle  | 2        | ea.   | \$200.00    | \$400.00            |
| Banner Pole   | 3        | ea.   | \$2,500.00  | \$7,500.00          |
| Communication Board   | 1        | ea.   | \$3,500.00  | \$3,500.00          |

**7 Playground Equipment** **\$468,851.93**

**5-12 Years PlayArea**

**Climber and Slide Zone**

|                              |   |     |              |              |
|------------------------------|---|-----|--------------|--------------|
| 5-12 Composite play Struture | 1 | ea. | \$145,000.00 | \$145,000.00 |
| Burke 4 Seat Orb Rocker      | 1 | ea. | \$8,550.00   | \$8,550.00   |

**Swing and Sway Zone**

|  |   |     |             |             |
|--|---|-----|-------------|-------------|
| 3-Bay Swing w/ (2) Belt, (2) Full Bucket & (2) Molded Bucket seats | 1 | ea. | \$13,500.00 | \$13,500.00 |
| ADA Cyclone Spinner  | 1 | ea. | \$22,500.00 | \$22,500.00 |
| Inclusive Whirl (Gametime)   | 1 | ea. | \$18,000.00 | \$18,000.00 |
| Swift Twist Spinner  | 1 | ea. | \$1,800.00  | \$1,800.00  |

**Tot Play**

**Climber and Slide Zone**

|                                     |   |     |             |             |
|-------------------------------------|---|-----|-------------|-------------|
| Small Embankment Slide              | 1 | ea. | \$3,000.00  | \$3,000.00  |
| Roller Slide                        | 1 | ea. | \$9,195.00  | \$9,195.00  |
| Cozy Dome                           | 1 | ea. | \$5,680.00  | \$5,680.00  |
| Novo Teardrop Counter Climber       | 1 | ea. | \$3,000.00  | \$3,000.00  |
| Imagination Play Ship               | 1 | ea. | \$17,995.00 | \$17,995.00 |
| Whimsy Rider Dolphin w/ Coil Spring | 2 | ea. | \$1,840.00  | \$3,680.00  |
| KidForce Spinner                    | 2 | ea. | \$1,000.00  | \$2,000.00  |
| ReviRock Bouncer                    | 1 | ea. | \$5,300.00  | \$5,300.00  |
| Hillside Loop Climber               | 2 | ea. | \$180.00    | \$360.00    |
| Rock Climber                        | 1 | ls  | \$1,250.00  | \$1,250.00  |
| Rubber Ball Climber                 | 4 | ea. | \$180.00    | \$720.00    |

**Sensory Play Zone**

|                      |   |     |             |             |
|----------------------|---|-----|-------------|-------------|
| Percussion Cajon Box | 2 | ea. | \$2,500.00  | \$5,000.00  |
| Sansa Rimba          | 1 | ea. | \$3,800.00  | \$3,800.00  |
| Kinderbells          | 1 | ea. | \$10,000.00 | \$10,000.00 |

**Play Equipment Subtotal Estimate:**

**\$280,330.00**

|   |             |
|---|-------------|
| <b>Tax, 9.25%</b>                           | \$25,930.53 |
| <b>Freight, approx. 10%</b>                 | \$28,033.00 |
| <b>Installation, approx. 35%</b>            | \$98,115.50 |
| <b>Contractor mark-up, at 10%</b>           | \$28,033.00 |
| <b>Manufacturer's schedule surcharge 3%</b> | \$8,409.90  |

**8 Irrigation and Planting**

**\$122,673.10**

|   |        |     |            |             |
|---|--------|-----|------------|-------------|
| Planting (Shrubs, Ground Covers, Mulch, Fine Grading) | 1734   | sf  | \$2.50     | \$4,335.00  |
| Sod Grass   | 6262   | sf  | \$2.30     | \$14,402.60 |
| Native Hydroseed                                      | 6970   | sf  | \$0.50     | \$3,485.00  |
| Tree 1.5 gallon                                       | 36     | ea. | \$800.00   | \$28,800.00 |
| Bark Mulch  | 8,704  | sf  | \$0.75     | \$6,528.00  |
| Landscape - 90 day Maintenance Period                 | 14,966 | sf  | \$0.25     | \$3,741.50  |
| Irrigation (Main/Lateral Line, Drip & Bubbler)        | 14,966 | sf  | \$3.50     | \$52,381.00 |
| Remote Control Valves                                 | 3      | ea. | \$1,000.00 | \$3,000.00  |
| Quick Coupler Valves                                  | 3      | ea. | \$500.00   | \$1,500.00  |
| Gate Valves   | 4      | ea. | \$500.00   | \$2,000.00  |
| Wiring  | 1      | ls  | \$1,000.00 | \$1,000.00  |
| Retrofit Existing Irrigation                          | 1      | ls  | \$1,500.00 | \$1,500.00  |

**Estimated Construction Subtotal**

**\$1,257,385.28**

|   |              |
|---|--------------|
| Survey, Permits, Traffic, SWPPP, etc. - 3%      | \$37,722.00  |
| Mobilization, Bonding & Project Management -10% | \$125,739.00 |
| Bidding & Inflation Contingency 5% (First Year) | \$62,869.00  |
| Construction Contingency 6%                     | \$75,443.00  |
| Design Contingency 5%                           | \$62,869.00  |

**Total Estimated Project Field Construction Costs:**

**\$1,622,027.28**