

SURFACE LEGEND

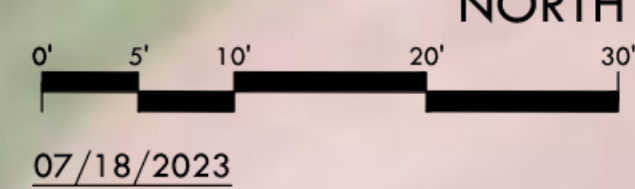
-  GRAY CONCRETE PAVING
-  RUBBER RESILIENT SURFACE
-  RESILIENT WOOD WALKWAY
-  SOD
-  RAIN GARDEN PLANTING
-  CALIFORNIA MEADOW - NATIVE HYDROSEED
-  SENSORY PLANTING

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



07/18/2023



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



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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
1 Site Clearing and Demolition				\$54,538.60
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
2 Site Grading and Earthwork				\$60,201.93
Rough Grading	31,049	sf	\$1.40	\$43,468.60
Off-haul and Disposal (allowance 6")	279	cy	\$60.00	\$16,733.33
3 Drainage / Utilities				\$56,287.73
Drainage	14,122	sf	\$2.50	\$35,305.00
Drainage Point of Connection	1	ls	\$1,500.00	\$1,500.00
C3 Area (Hardscape)				
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
4 Hardscape				\$363,436.00
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
Edgeband / Curb				
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
5 Gateway & Fencing				\$92,810.00
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
6 Site Furnishings				\$38,586.00
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

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