Crested Butte Town Park Play Concept Design Narrative

The Town Park playground concept design is informed by community workshops, site visits, analysis of the existing conditions, and the site planning of the expansion of the Center for the Arts. It includes 15,000 square feet of playground programming that will be either be displaced or modified by the Center for the Arts expansion.

The guiding principle for the playground design is to create unique setting to foster creative and imaginative play, while tackling physical challenges such as coordination, balance, endurance and strength. The playground setting is designed to take advantage of the site's surrounding views, make connections to the surrounding neighborhood, and integrate the playground with the overall park and CFTA building.

The concept design is informed by feedback from four community workshops; two separate hands-on activities with 1st and 2nd graders at the Crested Butte Community School and two separate open houses at Town Hall. Common themes during the childrens' workshops were places to get up high and places to hide; forts, caves, climbing walls, slides, bridges and swings. Other interests were places to dig and connect with the natural environment. The open house comments from parents and community members included; having a buffer from 7th street, having places for parents to sit and hang out, having good visibility from Alpenglow, and having non-traditional play equipment that is "Crested Butte" style.

The proposed pirate shipwreck theme is a nod to the Mary Yelenick's Pirate Ship playground. Custom play structures will be built utilizing local materials, artists and craftsmen. The larger pirate shipwreck will be for ages 5-12 years and will feature a lookout 'crow's nest' with a big slide. The structure will be constructed out of peeled logs and wood boards and will include a bridge, netting for climbing, varies levels of poles to pull up on or balance on. This area will also include natural rocks, a sculpted concrete climbing boulder and cave. The toddler area to the south will have smaller ship and crow's nest and sand play where kids can dig for pirate treasures. A separate swing area, with toddler and belt swings, will be situated near an open lawn. This area has a picnic table and hammocks tucked into the grove. The existing Pavilion will remain with picnic tables and larger gathering space. The surrounding concrete accommodates bicycle parking. The playground is knitted with the CFTA courtyard with a perennial garden and lawn overlook. There will be steps and a sloped walk for ADA accessibility down from the courtyard to the play area. A bermed rock garden and trees will provide a buffer and separation from the 7th street. The basketball court is moved north adjacent to other "court" sports and the future skate park. This location was very favorable among the community , as basketball is more popular with teenagers and adults.

Town Park Playground
Town of Crested Butte
10/17/2016
Opinion of Estimated Construction Cost: Schematic Design

Work Item	Unit	Quantity	Unit Cost	Subtotal	
START UP AND GENERAL CONDITIONS				**$ 15,500.00**	4%
DEMOLITION				**$ 42,500.00**	12%
R&D Concrete, Asphalt	SF	2,300	$ 5.00	$ 11,500.00	
R&D Sand Surfacing	SF	9,500	$ 2.00	$ 19,000.00	
R&D Gravel Drive	SF	3,500	$ 2.00	$ 7,000.00	
R&D Play Equipment, Site Furnishings	LS	1	$ 5,000.00	$ 5,000.00	
Salvage and relocated sign and plaque	LS	1	$ 500.00	$ 500.00	
EARTHWORK AND DRAINAGE				**$ 6,250.00**	2%
Earthwork and Fill	CY	250	$ 25.00	$ 6,250.00	
PLAYGROUND INFRASTRUCTURE				**$ 134,965.00**	37%
Basketball court concrete post tension	SF	2100	$ 15.00	$ 31,500.00	
Concrete Paving (5" depth)	SF	3,400	$ 8.00	$ 27,200.00	
Concrete Stair	LF	24	$ 85.00	$ 2,040.00	
Concrete Curb	LF	250	$ 25.00	$ 6,250.00	
Rock Retaining Wall	LF	175	$ 125.00	$ 21,875.00	
Engineered Wood Fiber	SF	1200	$ 3.00	$ 3,600.00	
Resilient Surfacing (PIP)	SF	3000	$ 18.00	$ 54,000.00	
Resilient Surfacing Testing	LS	1	$ 2,500.00	$ 2,500.00	
Landscape Boulder	EA	35	$ 500.00	$ 17,500.00	
Sand Fill	CY	14	$ 35.00	$ 490.00	
PLAYGROUND EQUIPMENT (INSTALLATION, FREIGHT INC)				**$ 81,200.00**	22%
Playground Equipment- Tot Swings	EA	1	$ 2,700.00	$ 2,700.00	
Playground Equipment - Belt Swings	EA	1	$ 3,500.00	$ 3,500.00	
Custom pirate play equipment	LS	1	$ 75,000.00	$ 75,000.00	
Sculpted concrete rock and cave	EA	1	$ 11,400.00	$ 11,400.00	
Sculpted concrete digging treasures	LS	1	$ 2,700.00	$ 2,700.00	
Sculpted concrete rock with mast	EA	1	$ 2,200.00	$ 2,200.00	
Sand Digger	EA	1	$ 1,500.00	$ 1,500.00	
Bike racks	EA	23	$ 900.00	$ 20,700.00	
Benches	EA	2	$ 1,000.00	$ 2,000.00	
Trash receptacle	EA	1	$ 1,000.00	$ 1,000.00	
Picnic table	EA	1	$ 1,000.00	$ 1,000.00	
Hammocks	EA	3	$ 800.00	$ 2,400.00	
LANDSCAPE				**$ 40,475.00**	11%
Irrigation Renovation at Playground	SF	4000	$ 1.00	$ 4,000.00	
Topsoil (strip/stockpile/spread), Soil Preparation	CY	200	$ 10.00	$ 2,000.00	
Turf	SF	4200	$ 1.50	$ 6,300.00	
2" cal. Tree	EA	25	$ 375.00	$ 9,375.00	
Shrubs and perennials	SF	3800	$ 6.00	$ 22,800.00	
Subtotal				**$ 361,585.00**	100%
Contractor General Conditions / Mobilization (14%)				$ 50,621.90	
Construction contingency (10%)				$ 36,158.50	
Design and Engineering Contingency				$ 40,000.00	
TOTAL COSTS				**$ 488,365.40**	

CONCEPT PLAN

LEGEND

- EXISTING EVERGREEN TREE TO REMAIN
- EXISTING DECIDUOUS TREE TO REMAIN
- PROPOSED EVERGREEN TREE
- PROPOSED DECIDUOUS TREE
- PEDESTRIAN LIGHT
- BOULDERS
- PICNIC TABLE
- BENCH
- BIKE RACKS
- CONCRETE PAVING
- PROPOSED CONTOUR
- POURED IN PLACE RESILIENT SURFACE
- ENGINEERED WOOD FIBER SURFACE
- ROCK GARDEN
- TURF
- GARDEN

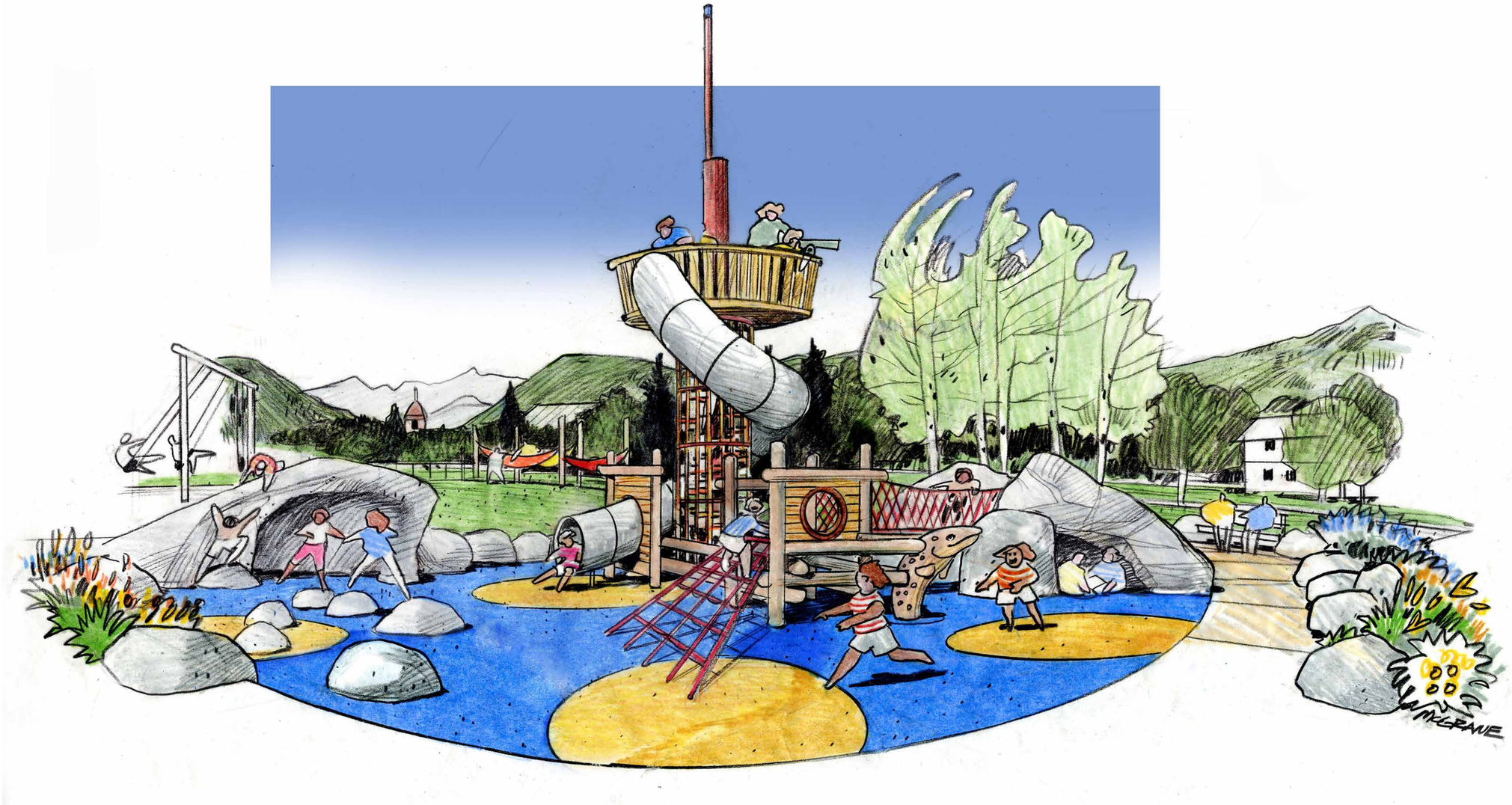
TOWN PARK PLAY

CRESTED BUTTE, CO

October 17, 2016

MUNDUS BISHOP

PIRATE PLAY - FANTASY - IMAGINATION



TOWN PARK PLAY

CRESTED BUTTE, CO

October 17, 2016

MUNDUS BISHOP