



In collaboration with:
Horner & Shifrin
Hydro Dramatics
TSi
AFH Design

City of Brentwood - Brentwood Park

Playground Equipment and Progress update - Board of Aldermen

February 7, 2022



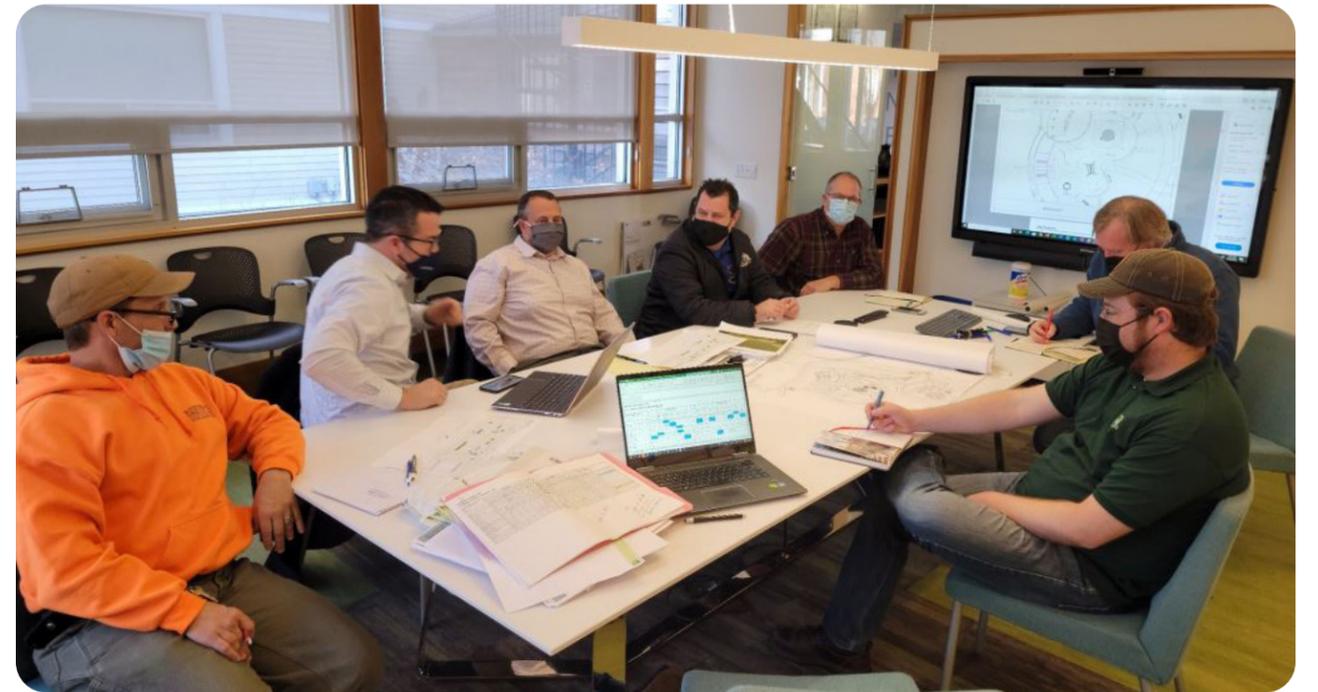
PROJECT RECAP

- STOCKPILE OF FILL SOIL FOR FUTURE WORK
- RECEIVED PLAYGROUND EQUIPMENT PROPOSALS (5 VENDORS)
- MOVED FORWARD ON DESIGN PLANS FOR \$5M REGIONAL DESTINATION AMENITY
- MSD PROJECT REVIEW SUBMITTAL
- PENDELTON AVENUE VACATION COORDINATION
- SUPPORT THE ECONOMIC RENEWAL
- MAXIMIZE BID COMPETITION
- LEVERAGE GRANTS + DONATIONS



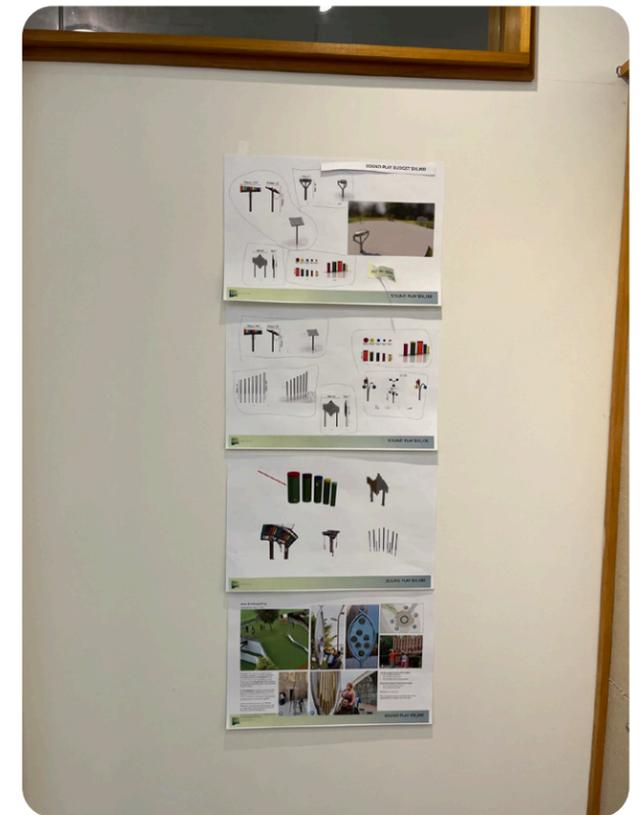
PLAY EQUIPMENT SELECTION PROCESS

- DEVELOP BID PACKAGE AND SPEC. FOR PLAY EQUIPMENT (FALL 2021)
- LET PLAY EQUIPMENT REQUEST FOR PROPOSAL (DECEMBER 7, 2021)
- RECEIVE PLAY EQUIPMENT PROPOSALS FROM 5 VENDORS (JANUARY 7, 2022)
- DESIGN REVIEW COMMITTEE, REVIEW OF PROPOSALS (JANUARY 10, 2022)
- REVIEW PROPOSALS WITH VENDORS FOR CLARIFICATIONS (JANUARY 11-28, 2022)
- COMMITTEE FOLLOW-UP TO CONFIRM SELECTIONS (JANUARY 24, 2022)
- MET WITH PUBLIC WORKS COMMITTEE (JANUARY 31, 2022)
- MEET WITH BOARD OF ALDERMAN (FEBRUARY 7, 2022)



PLAY EQUIPMENT REVIEW CRITERIA

- UNIQUE TO THE REGION
- SUPPORTS INCLUSIVE PLAY
- MEET CRITERIA FOR ACCESSIBILITY
- USE ZONE/SAFETY REQUIREMENTS
- DIVERSE ACTIVITIES
- EQUIPMENT SCALE
- MEETS OVERALL THEME
- STAYS WITHIN BUDGET
- MEETS NATIONAL SAFETY GUIDELINES
- MAINTENANCE NEEDS



DESIGN DEVELOPMENT COST BREAKDOWN

1. EARTHWORK	\$337,000
2. HARDSCAPE	\$1,190,000
3. PAVILION	\$313,000
4. EQUIP. INSTALL/SURFACING	\$1,153,000
5. LANDSCAPE/IRRIGATION	\$523,000
6. UTILITIES/MISC.	\$250,000
7. OWNER FURNISHINGS	\$60,000
8. <u>PLAY EQUIPMENT</u>	<u>\$1,174,000</u>
TOTAL:	\$5,000,000

NOTE: ABOVE NUMBERS INCLUDE CONTINGENCY, GENERAL CONDITIONS, AND MOBILIZATION

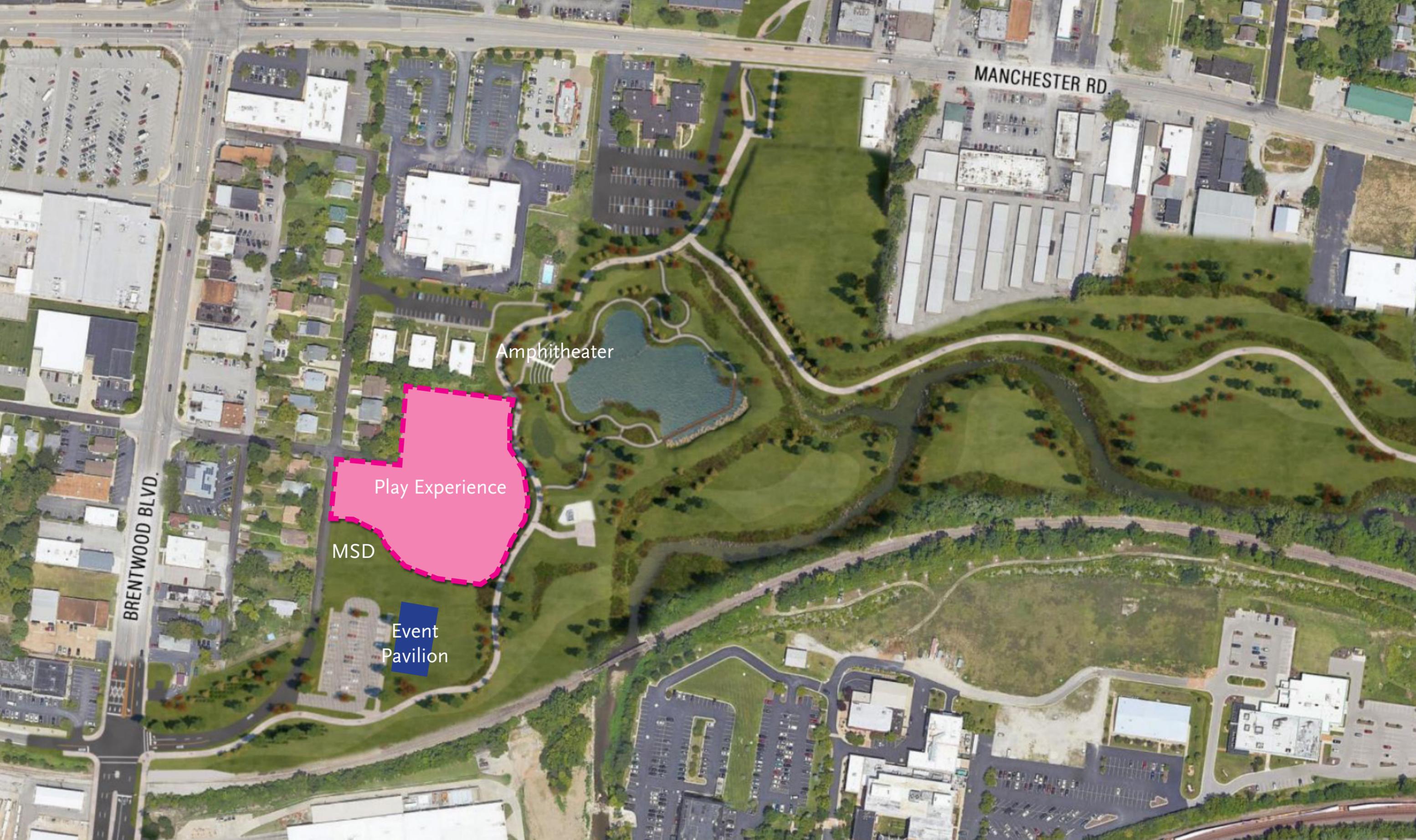
FUNDING

- CONSTRUCTION COSTS = \$5,000,000
- FUNDING
 - NOT USING CONTINGENCY, BRENTWOOD HAS \$5,237,571.39 IN ADDITIONAL FUNDING SOURCES.
 - INCLUDES A \$370,000 MUNY GRANT THAT IS DEDICATED TO THE PROJECT
 - BRENTWOOD IS PROJECTING TO RECEIVE AN ADDITIONAL \$2,400,000 IN EXCESS EDST BY END OF 2023
 - GRAND TOTAL PROJECTED ADDITIONAL FUNDING SOURCES = \$7,637,571.39
- PROJECT CONTINGENCY NOT FACTORED IN ANY OF THE ABOVE NUMBERS = \$4,146,417

PROJECT GOALS

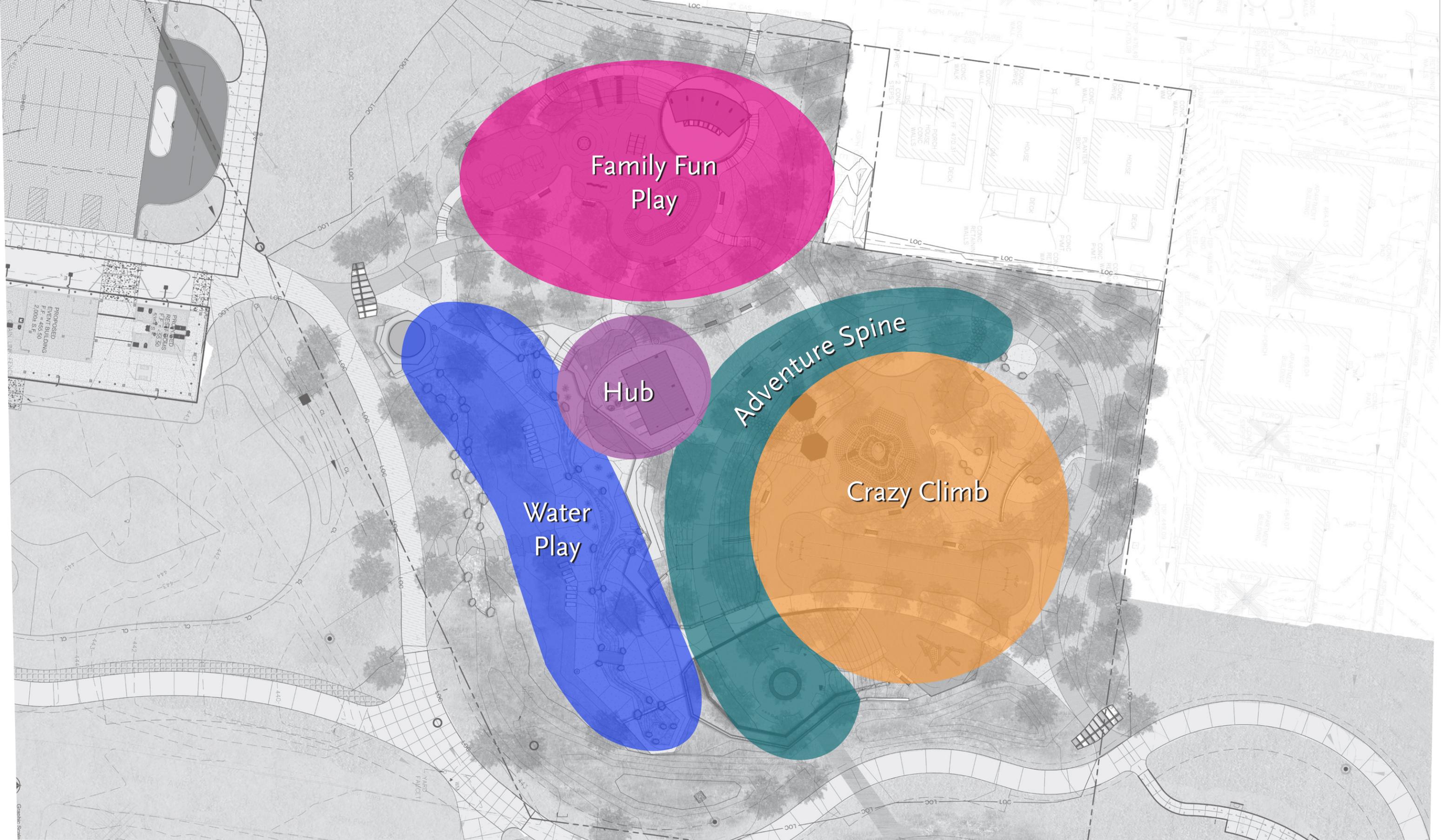
- MEMORABLE DESTINATION
- BUILD UPON “BRENTWOOD BRAND”
- CREATIVE AND FAMILY FRIENDLY
- CONNECT PEOPLE WITH NATURE
- COST EFFECTIVE O+M
- SUPPORT THE ECONOMIC RENEWAL
- MAXIMIZE BID COMPETITION
- LEVERAGE GRANTS + DONATIONS







REDEVELOPMENT AREA



Family Fun Play

Hub

Water Play

Adventure Spine

Crazy Climb



- 
MAIN ADA ROUTES
- 
SECONDARY ADA ROUTES
- 
PATH CONNECTIONS
- 
GRG TRAIL
- 
ENTRY POINTS



Cooperative Spinner



Roller Slide



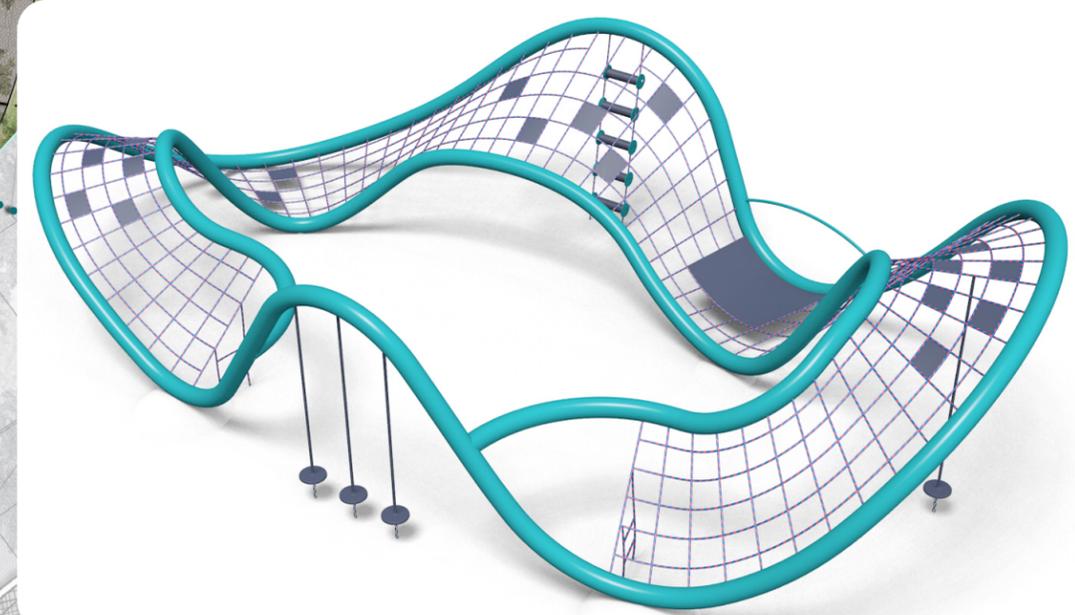
Generation Swing, Inclusive Swing, Tot Swing, 3 Belt Swings.



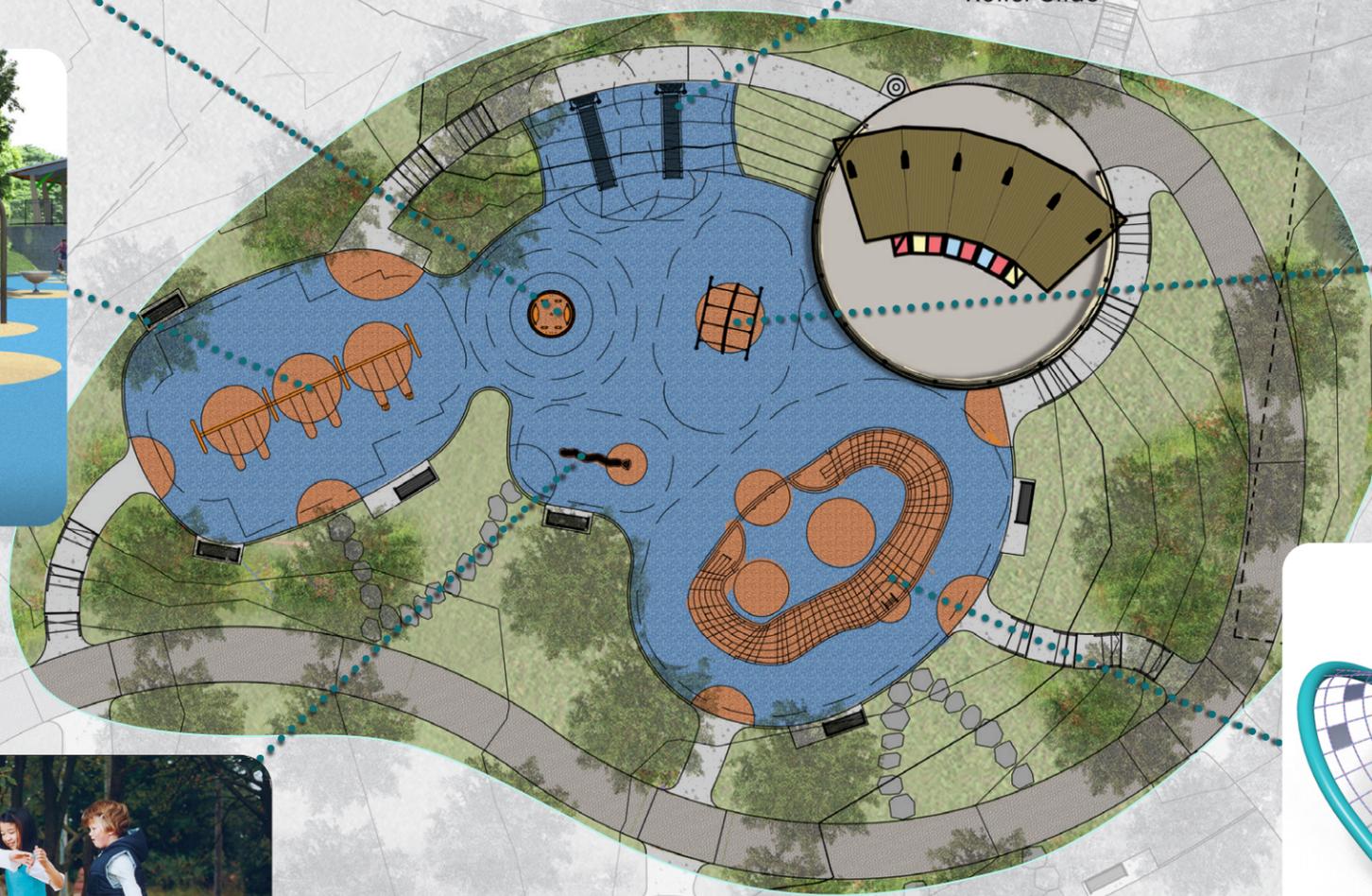
Multi-Person Rope Swing



Wobbly Balance Beam



Orchid Climber
Number of kids: 60







Mini Splash
Number of kids: 106



Scales Swing



Turf Adventure Play Hill



Play Tunnel



Log Pile Climber



Double Zip Line
110' Long





Mini Splash Comparison H :22' L: 44' W: 51'
Capacity: 106



CRAZY CLIMB
BRENTWOOD PARK BRENTWOOD, MO

FEBRUARY 7, 2022





Memorial Park - Mini Splash Comparison



Oak Tree Park - Mini Splash Comparison

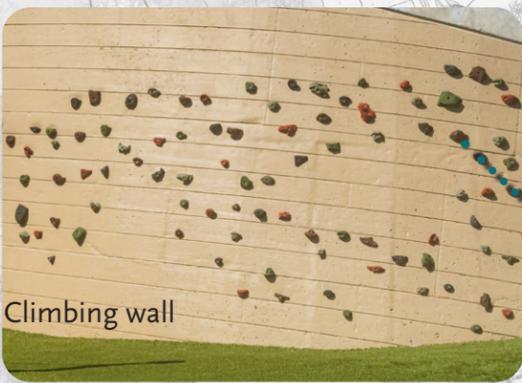
Mini Splash Comparison H :22' L: 44' W: 51'



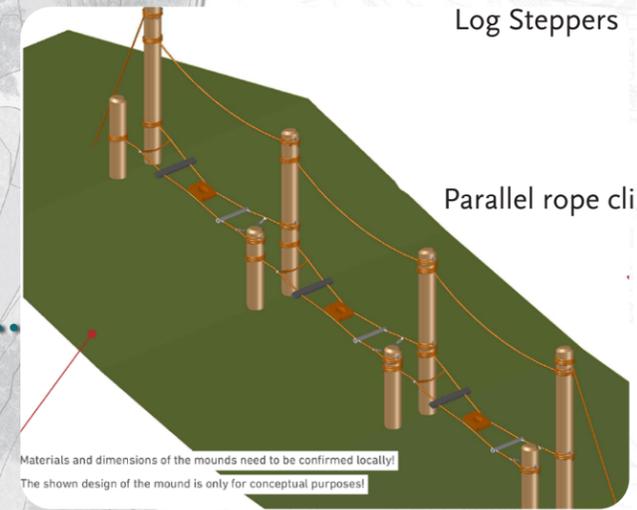
Adventure Structure



Log Steppers



Climbing wall



Parallel rope climber

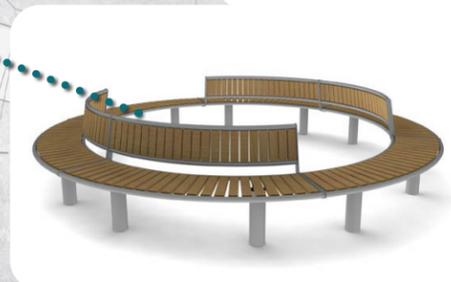
Materials and dimensions of the mounds need to be confirmed locally!
The shown design of the mound is only for conceptual purposes!



Hill Slide L: 30' H: 13.5'



Sound Play



Bench

provided by KOMPAN Design Studio signed by the end client or Sales Team prior to the order being placed.



provided by KOMPAN Design Studio signed by the end client or Sales Team prior to the order being placed.



Design approval provided by KOMPAN Design Studio signed by the end client or Sales Team prior to the order being placed.

Number of Kids: 65

EQUIPMENT PROPOSAL SUMMARY

FAMILY FUN AREA (BUDGET \$236,500)

3 BAY SWING:	\$10,756
COOPERATIVE SPINNER:	\$17,770
PARALLEL ROLLER SLIDES:	\$26,258
WOBBLY BALANCE BEAM:	\$3,970
TWO PERSON ROPE SWING A:	\$18,063
ARTISTIC WOOD CLIMBER:	\$148,224

TOTAL: \$225,041

CRAZY CLIMB AREA (BUDGET \$352,000)

NET CLIMBING FEATURE:	\$325,817
TWO PERSON ROPE SWING B:	\$13,000 (INSTEAD OF BASKET SWING)
DOUBLE ZIP LINE:	\$21,891
LOG PILE CLIMBER:	\$23,522

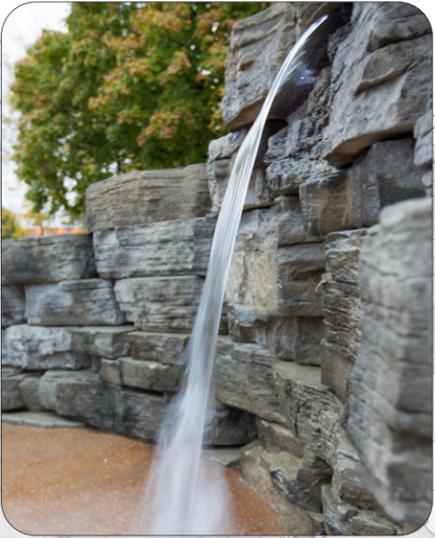
TOTAL: \$384,230

ADVENTURE SPINE (BUDGET \$585,500)

ADVENTURE STRUCTURE AND CARGO NET CLIMBER:	\$480,000
PARALLEL ROPE CLIMBER:	\$31,236
HILL SLIDE:	\$35,108
SOUND PLAY:	\$18,288

TOTAL: \$564,632

GRAND TOTAL: \$1,173,903
BUDGET: \$1,174,000
UNDER BUDGET BY: \$97







FAMILY PLAY AREA PAVILION - BID ALTERNATE



MAIN HUB PAVILION



INSPIRATIONAL CONCEPT IMAGES



ENTRY STRUCTURE - BID ALTERNATE

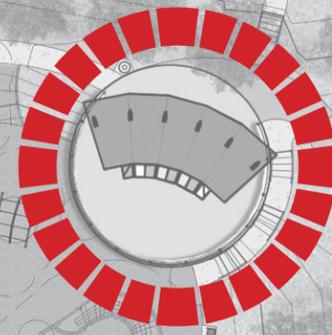






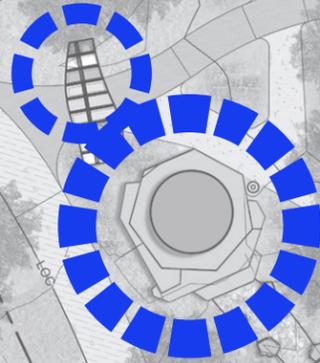
ALTERNATE #2 - ENTRY ARCH

ADD - \$80,000



ALTERNATE #4 - FAMILY FUN PAVILION ADD - \$250,000

BASE BUDGET \$ 5,000,000



ALTERNATE #1 - WATER CAPTURE SYSTEM

ADD - \$ 200,000



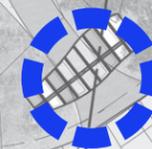
ALTERNATE #3 - ENTRY ARCH

ADD - \$80,000



ALTERNATE #5 - OVERLOOK

ADD - \$ 400,000



SCHEDULE

- 11/01/2021 – BOARD OF ALDERMEN PRESENTATION
- DEC. 2021 - JAN. 2022 – PLAYGROUND EQUIPMENT BIDDING
- NOV. 2021 - MAR. 2022 – SITE DESIGN/ PERMITTING
- APRIL 2022 – PROJECT SITE WORK BIDDING
- MAY 2022 – SPRING 2023– CONSTRUCTION

BOARD APPROVAL REQUESTS

- APPROVAL OF THE PROPOSED PLAYGROUND EQUIPMENT AND AUTHORIZATION FOR THE CITY TO GO INTO CONTRACT WITH THE PROPOSED VENDORS

\$1,173,903 TOTAL BID COST

\$1,174,000 BUDGETED (\$97 UNDER BUDGET)

- APPROVAL FOR SWT TO PROCEED WITH THE PREPARATION OF CONSTRUCTION DOCUMENTS FOR A \$5,000,000 DESTINATION PLAYGROUND AND WATER PLAY, ENGAGING THE PLAYGROUND EQUIPMENT COMPANIES TO INCORPORATE THE SELECTED PIECES INTO THE DESIGN
- APPROVAL OF A CHANGE ORDER WITH SWT TO DESIGN THE FAMILY PAVILION SO IT CAN BE INCLUDED IN THE DESTINATION PLAY SPACE DESIGN AS A BID ALTERNATE. \$22,590
- APPROVAL OF A CHANGE ORDER WITH SWT TO DESIGN THE OVERLOOK SO IT CAN BE INCLUDED IN THE DESTINATION PLAY SPACE DESIGN AS A BID ALTERNATE. \$31,270



THANK YOU