



CENTRAL PARK AND CULTURAL TRAIL SCHEMATIC DESIGN

CITY OF KYLE, TEXAS

JULY 30 2020

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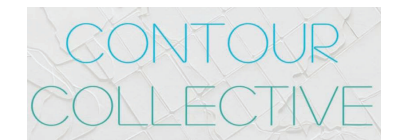
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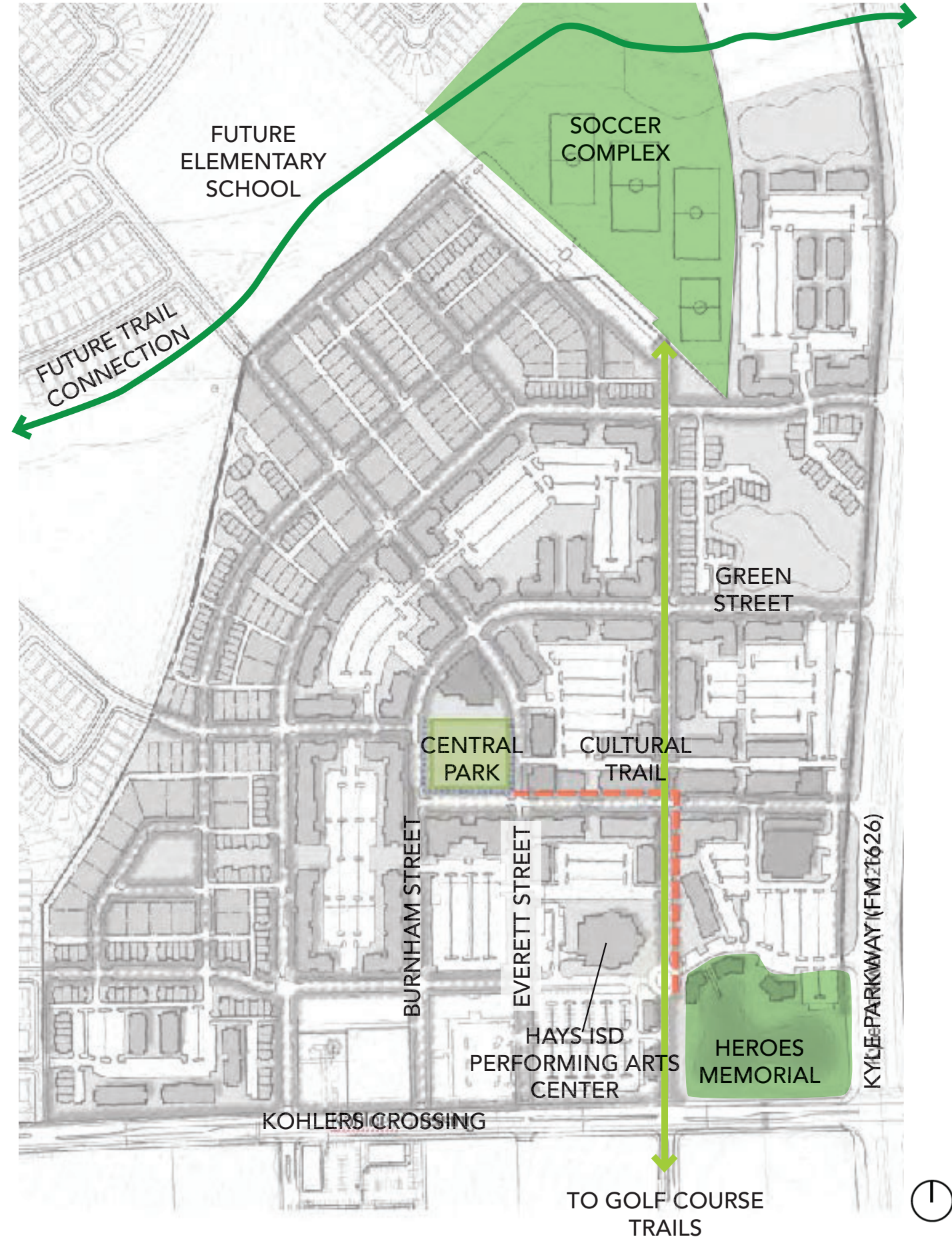


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PROJECT CONTEXT GRAPHIC

- APPROXIMATELY 1.6 ACRE PARK AND STREETScape (AROUND THE PARK)
- APPROXIMATELY 1,070 LINEAR FOOT CULTURAL TRAIL
- TRAIL LINKS HEROES MEMORIAL, MAIN RETAIL STREET AND CENTRAL PARK TOGETHER AND CONTRIBUTES TO A GREATER NETWORK OF PARKS AND OPEN SPACE WITHIN PLUM CREEK.



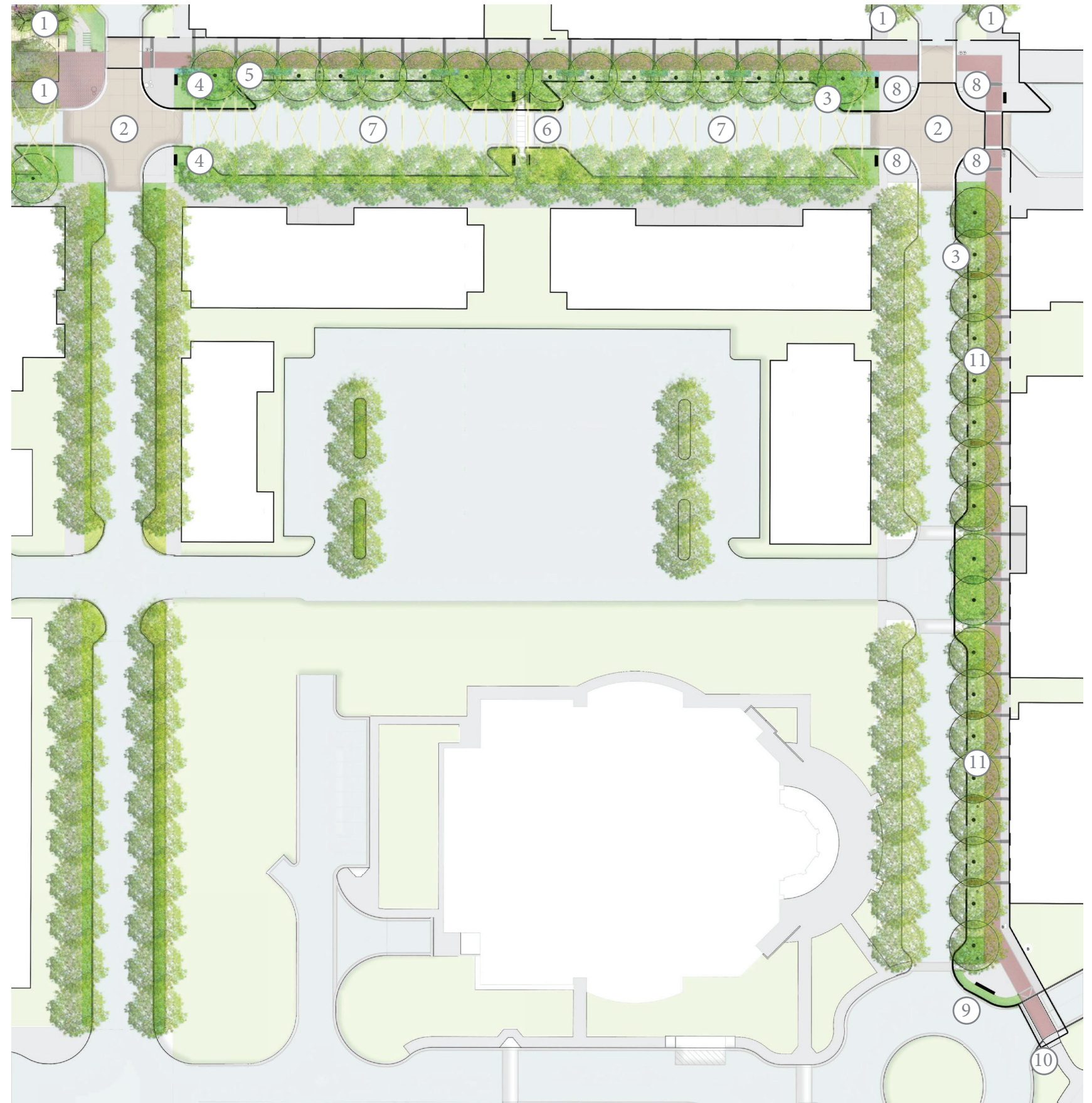
PARK + CULTURAL TRAIL
ILLUSTRATIVE PLANS

CENTRAL PARK ILLUSTRATIVE PLAN



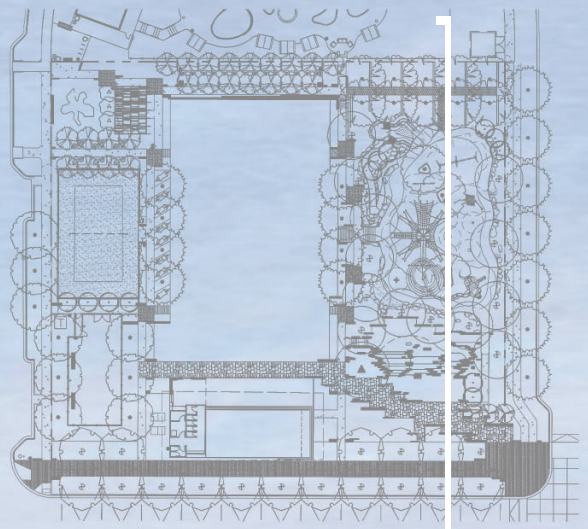
CULTURAL TRAIL ILLUSTRATIVE PLAN

- ① SHARED USE PATH (SUP)
- ② RAISED TABLE INTERSECTION
- ③ PUBLIC ART ON LIGHT POLES ON STREET SIDE OF TRAIL
- ④ BENCHES
- ⑤ WATER FEATURE RUNNEL
- ⑥ MID BLOCK CROSSING
- ⑦ TIVOLI LIGHTING
- ⑧ CUSTOM CANDELABRA
- ⑨ CORNER PLAZA
- ⑩ CONNECTION TO THE HEROES MEMORIAL
- ⑪ LUSH RAIN GARDEN





PARK + CULTURAL TRAIL
SECTIONS

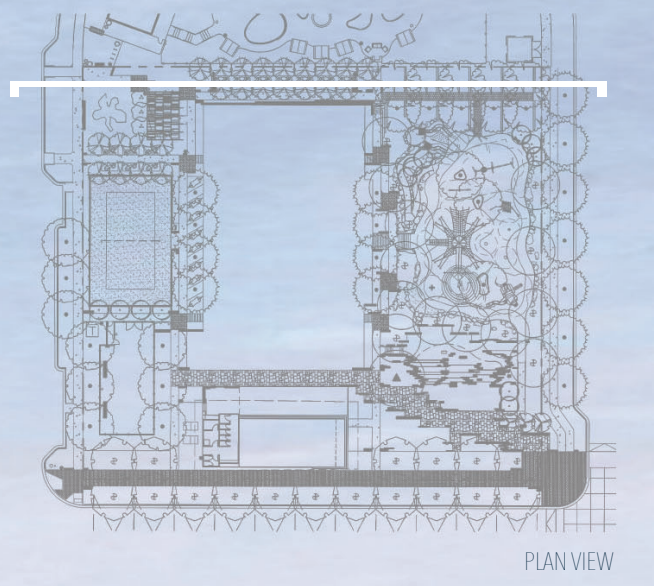


PLAN VIEW

MIXED USE OFFICE BUILDING	ACTIVATED MAIN RETAIL STREET SCAPE	MARKET AREA	CULTURAL TRAIL	MARKET AREA	PAVILION & ART GARDEN	REFLECTING POOL	INTERACTIVE WATERFALL FEATURE	OAK WOODLAND INCLUSIVE ADVENTURE PLAYGROUND	LUSH RAIN GARDEN + ENVIRONMENTAL INTERPRETATION
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PARK SECTION 1



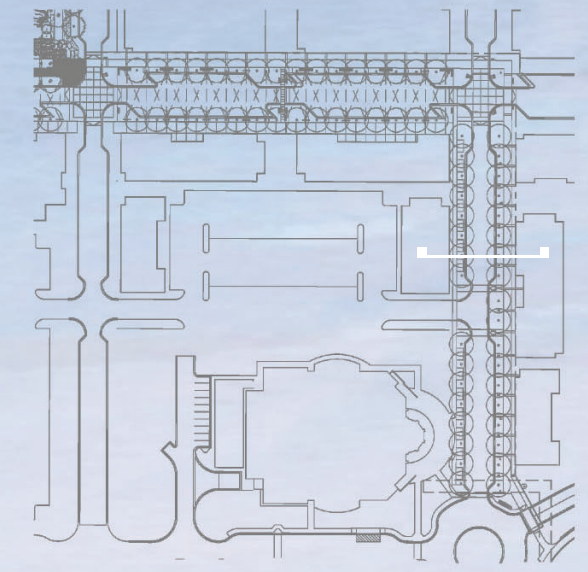


PLAN VIEW



PARK SECTION 2





PLAN VIEW



5'-0"	10'-0"	8'-0"	11'-0"	11'-0"	8'-0"	10'-0"	10'-0"	5'-0"
SIDEWALK	TREE PLANTING ZONE	PARALLEL PARKING	TRAVEL LANE	TRAVEL LANE	PARALLEL PARKING	RAIN GARDEN	CULTURAL TRAIL	BUILDING TRANSITION ZONE

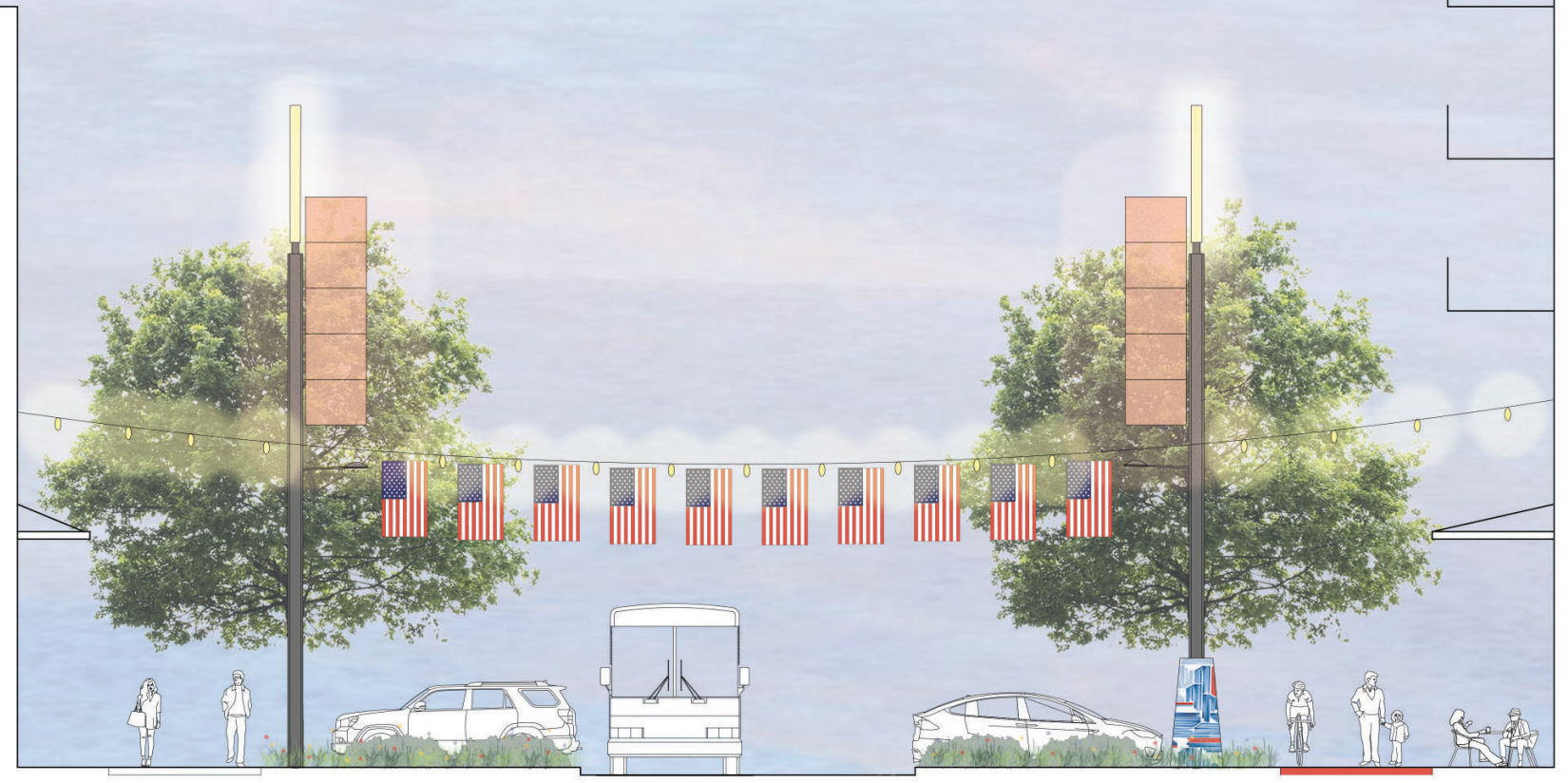
78' R.O.W.

CROMWELL STREET SECTION





PLAN VIEW



20'-0"	17'-0"	11'-0"	11'-0"	17'-0"	7'-0"	10'-0"	8'-0"
SIDEWALK	ANGLED PARKING	TRAVEL LANE	TRAVEL LANE	ANGLED PARKING	AMENITY AREA	CULTURAL TRAIL/ SUP	DINING/RETAIL

101' R.O.W.

MAIN STREET SECTION



PARK + PLAYGROUND
RENDERS

INTERACTIVE WATERFALL FEATURE



PAVILION & CULTURAL TRAIL MARKET PLACE



SOUTHERN PLAYGROUND ENTRANCE



INTERACTIVE TEXAS BOBCCAT PLAY STRUCTURE




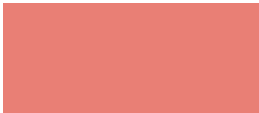

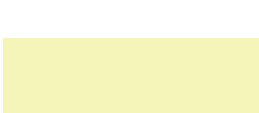

SKY TOWER CLIMBING STRUCTURE



DESIGN DIAGRAMS

DISTRICT MATERIALS

The Brick & Mortar District features attractive & durable materials to create a high-quality user experience. Materials are consistent throughout the district to establish a unique place making identity.

-  **BRICK PAVERS**
-  **CULTURAL TRAIL BRICK PAVERS**
-  **BROOM FINISHED CONCRETE**
-  **PRECAST CONCRETE PAVERS**
-  **LIMESTONE PAVERS**

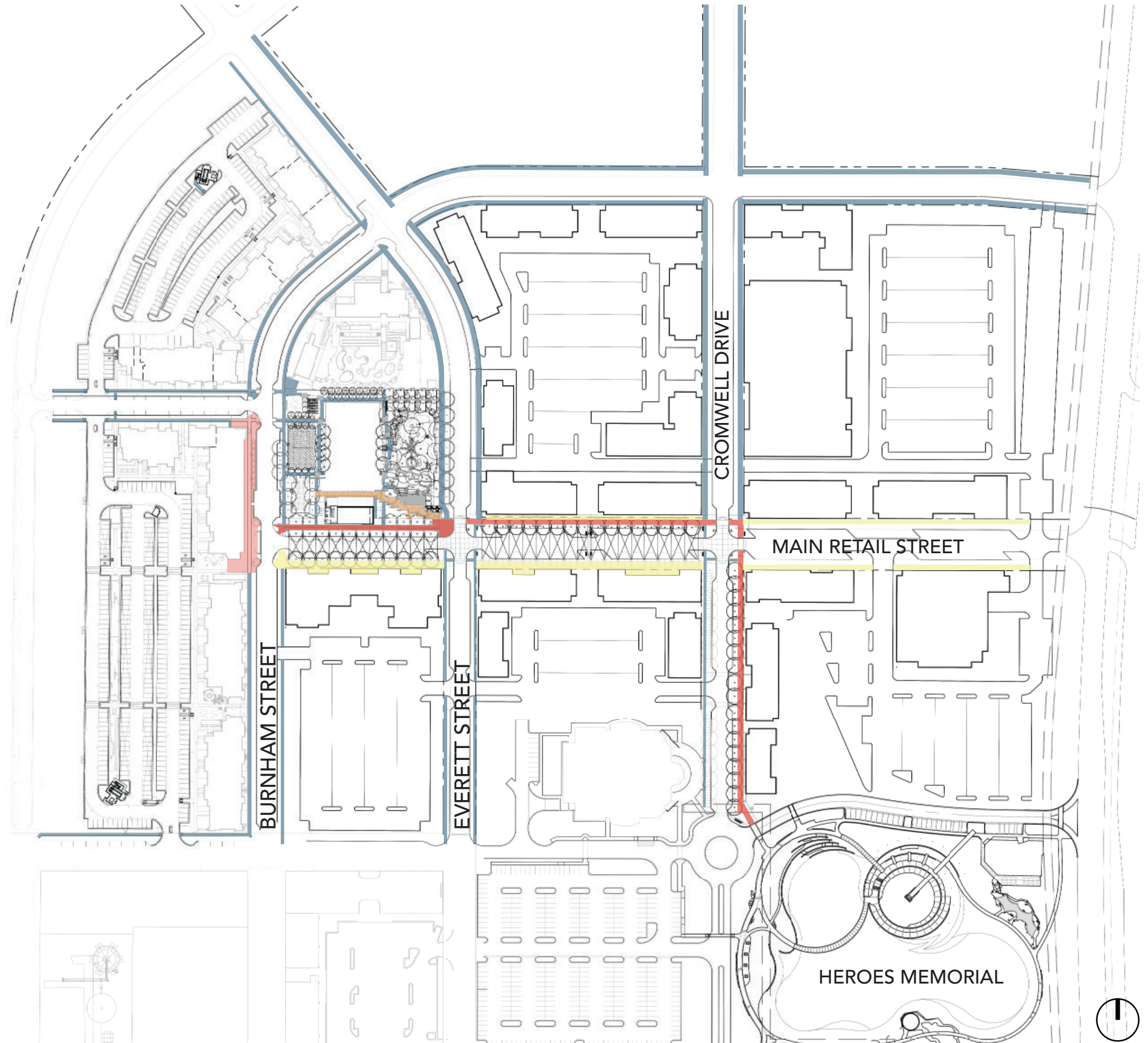
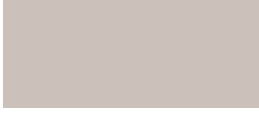
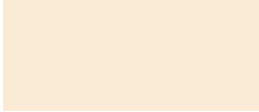

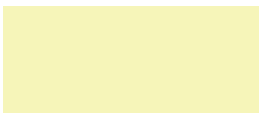



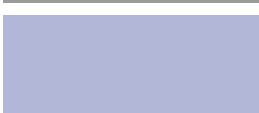

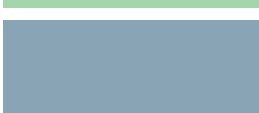


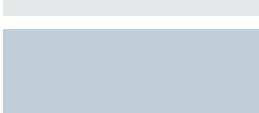


Figure 1: District Materials Diagram

PARK MATERIALS

Chosen Central Park materials work to further highlight the geology of Kyle, centering around the fractured limestone landscape. The “fractures” are realized as limestone blocks which vary in height and function to provide smooth transitions between grade and program. Additionally, all park materials will be durable to minimize lifecycle costs.

-  **ROSE DECOMPOSED GRANITE**
-  **SAND**
-  **LUEDERS LIMESTONE STEPS & SLABS**
-  **CAST IN PLACE CONCRETE**
-  **CULTURAL TRAIL BRICK PAVERS**
-  **BRICK PAVERS**
-  **BLACK CRUSHED DECOMPOSED GRANITE**
-  **POWDER IN PLACE RUBBER**
-  **BLACK BALLAST ROCK**
-  **CHARCOAL PAVERS**
-  **LUEDERS LIMESTONE PAVERS**
-  **STEEL GRATE BOARDWALK**
-  **BROOM FINISHED CONCRETE**

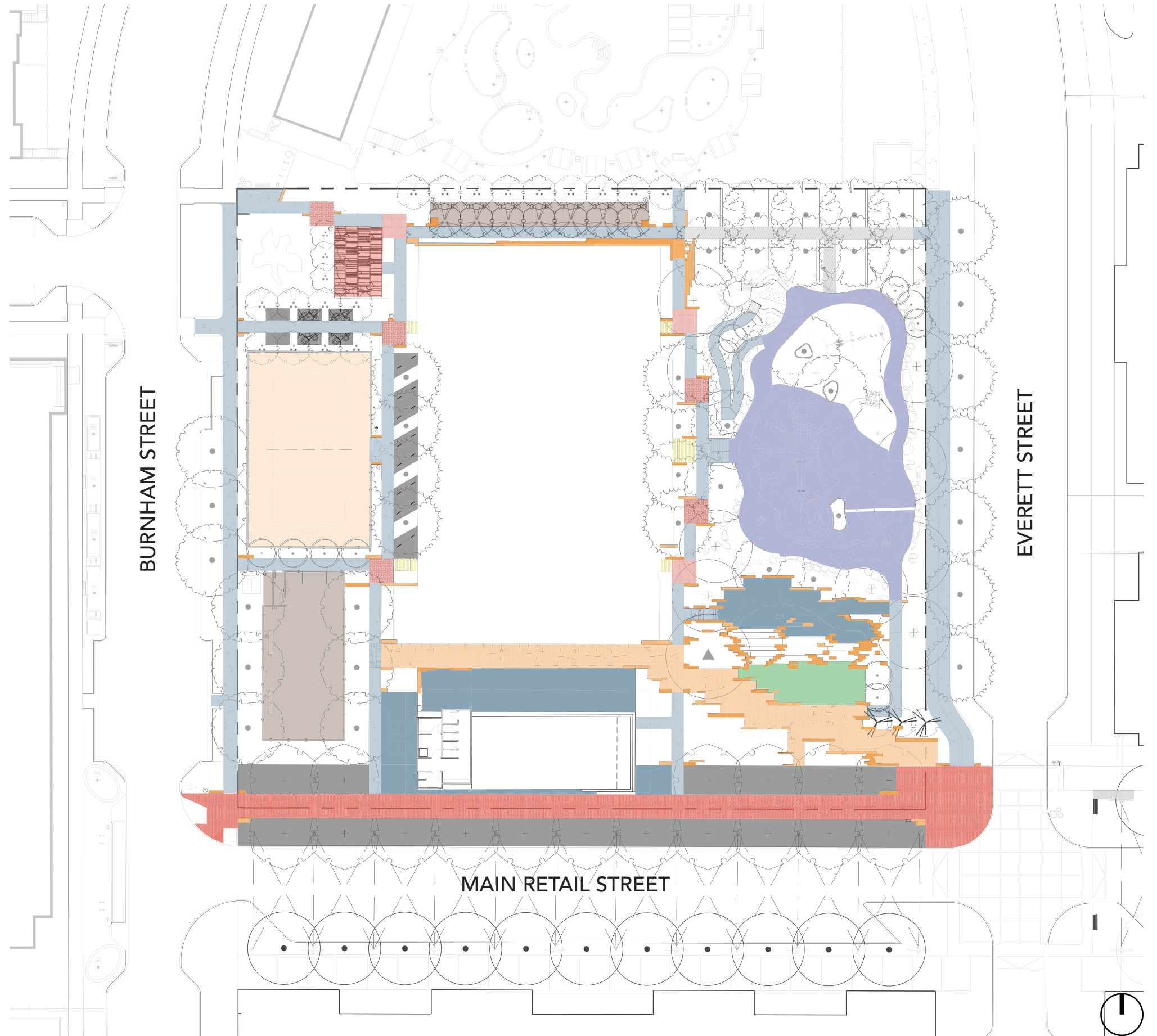



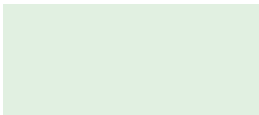



Figure 2: Central Park Materials Diagram

TRAIL MATERIALS

Materials along the Cultural Trail will aid in way finding and improve overall pedestrian experience. The durability of brick & natural stone features will minimize lifecycle costs.

-  CULTURAL TRAIL BRICK PAVERS
-  PRECAST CONCRETE PAVERS
-  BROOM FINISHED CONCRETE
-  INTEGRAL COLOR CONCRETE TYPE 1
-  INTEGRAL COLOR CONCRETE TYPE 2

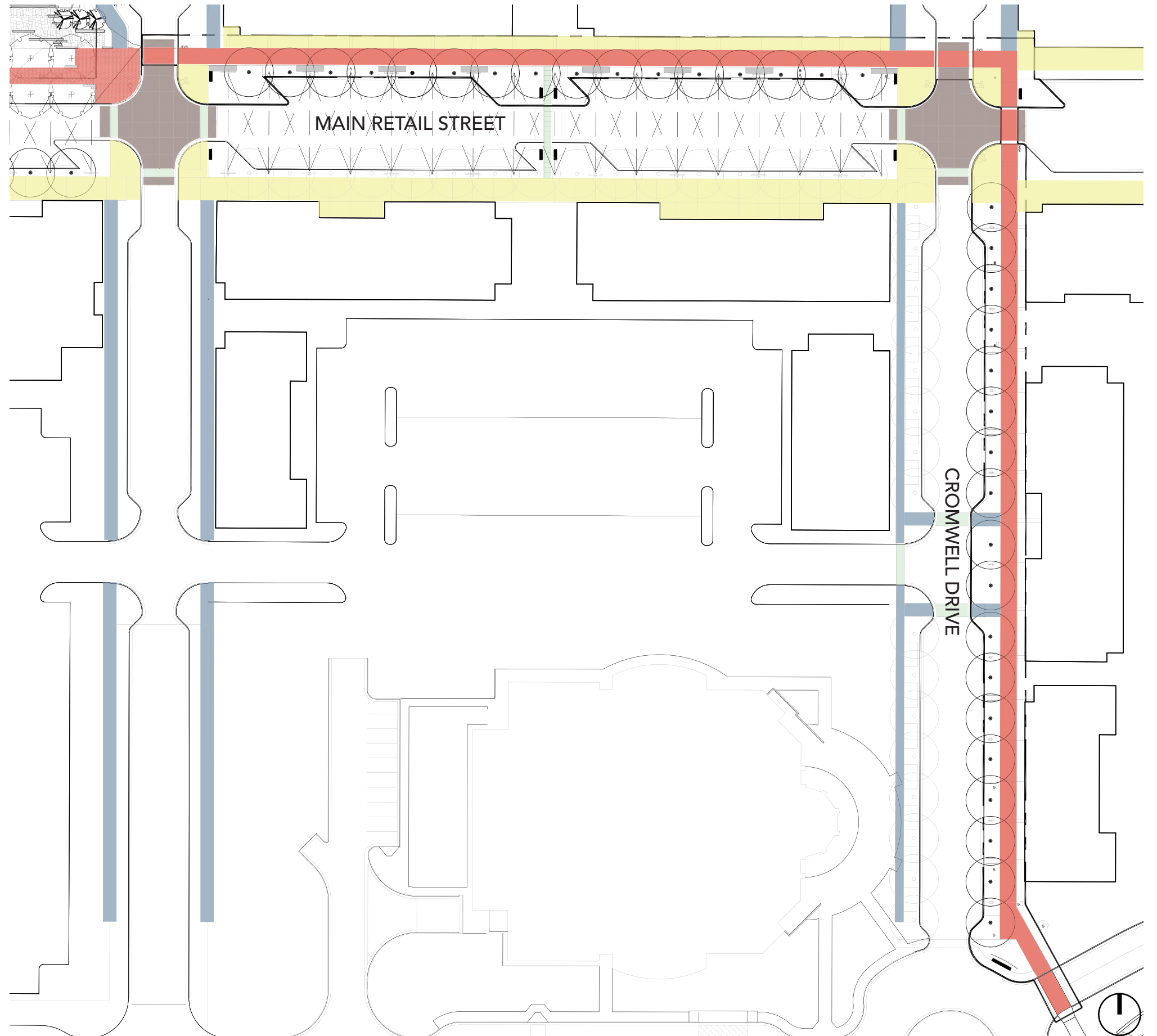


Figure 3: Cultural Trail Materials Diagram

MATERIAL CHARACTERISTICS

INTEGRAL COLORED CONCRETE



LUEDERS LIMSTONE STEPPING STONES



CULTURAL TRAIL BRICK PAVERS



CRUSHED BLACK GRANITE



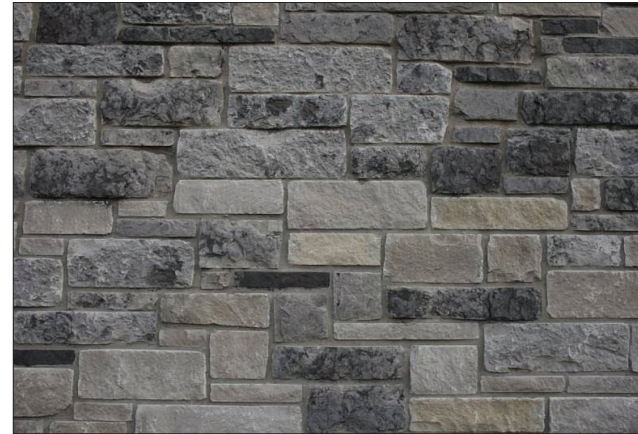
BROOM FINISHED CONCRETE



LUEDERS LIMSTONE STEPS



LUEDERS BOTTOM PAVERS



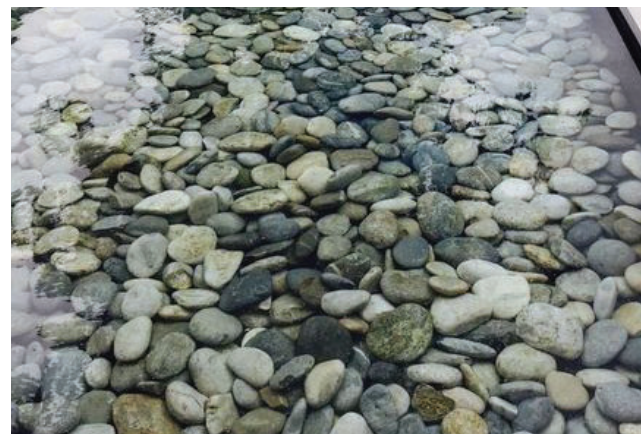
DECOMPOSED GRANITE



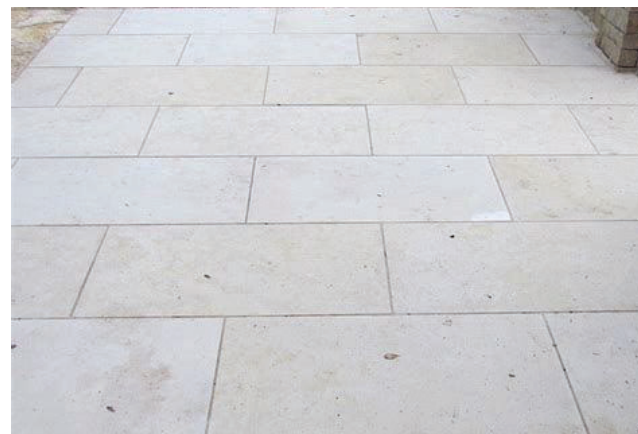
STEEL MESH WALKWAY



MIXED STONE BASIN



LUEDERS PAVERS

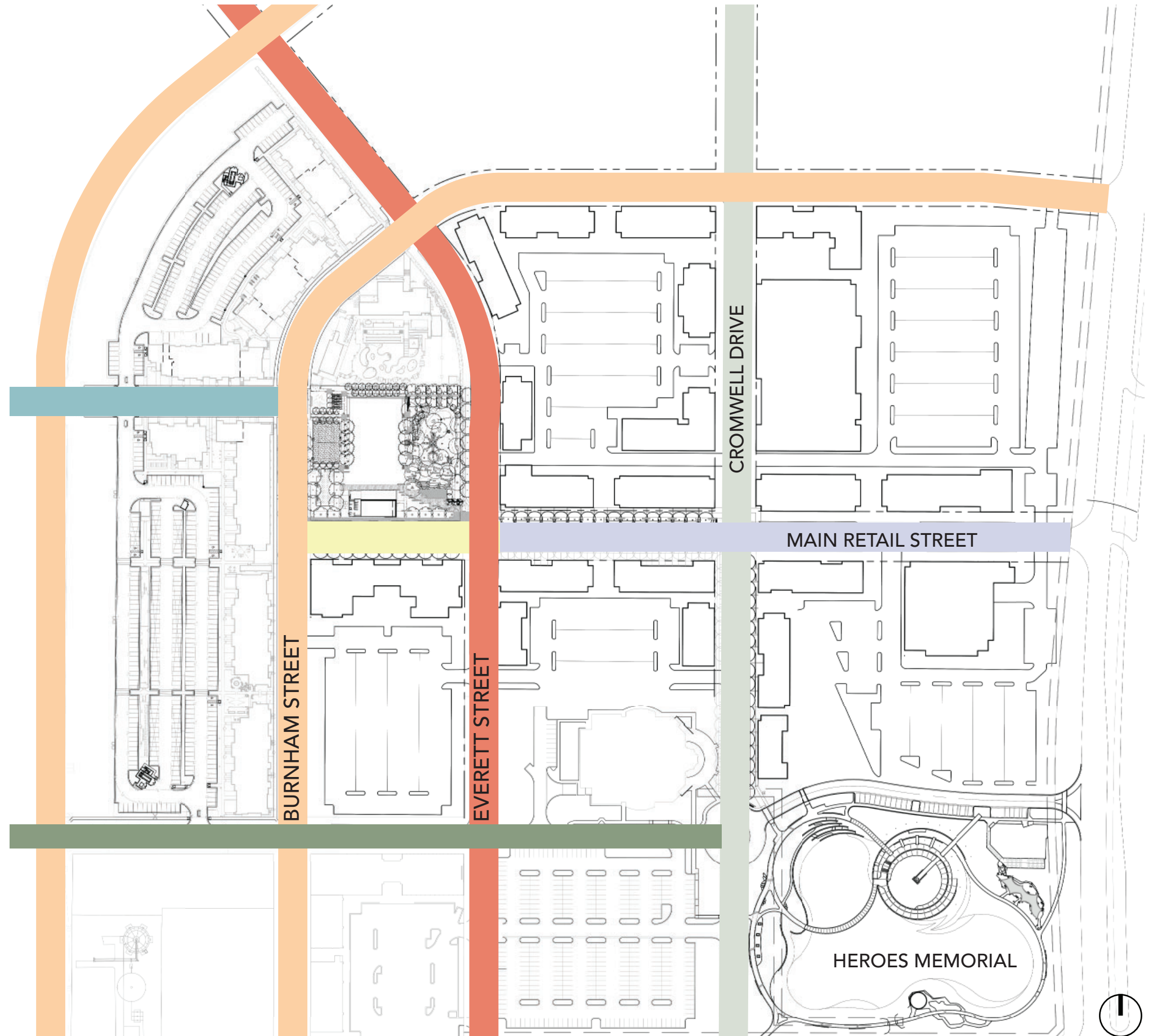
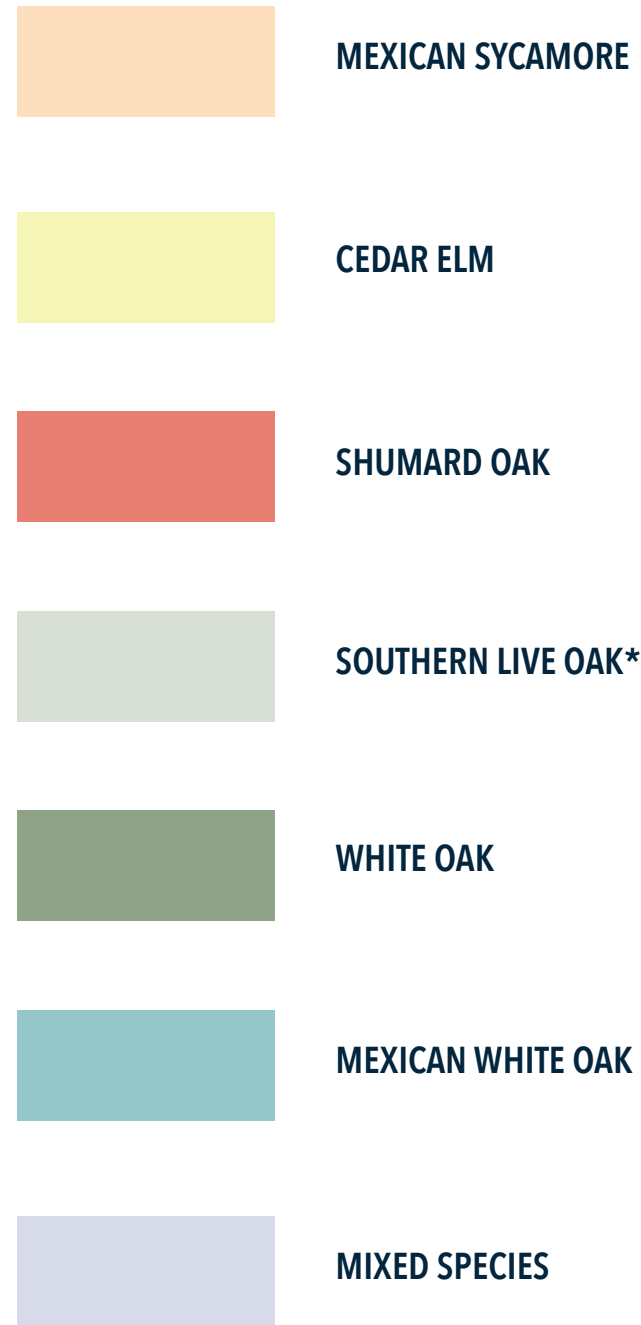


SAND



DISTRICT TREE CANOPY

The Central Park and Cultural Trail incorporate significant amounts of shade to contribute to human comfort. Additionally, street trees were chosen for their ability to thrive in an urban setting & their contribution to healthy air quality levels.



* WITH BALD CYPRESS IF RAIN GARDEN IS PRESENT

Figure 4: District Tree Canopy Diagram

PARK TREE CANOPY

At full growth, the tree canopy of Central Park will shade nearly 72% of the site area, providing relief from the sun for most park users. The variety in seasonal tree features provides visual intrigue for users and supports local wildlife.

-  MEXICAN SYCAMORE
-  CEDAR ELM
-  SHUMARD OAK
-  LIVE OAK
-  BALD CYPRESS
-  MEXICAN PLUM
-  PALO VERDE
-  FOREST PANSY REDBUD
-  NATCHEZ CREPE MYRTLE



Figure 5: Central Park Tree Canopy Diagram

TRAIL TREE CANOPY

In a hot Central Texas climate, shade is especially important along streetscapes. The Cultural Trail tree canopy shades 90% of the trail creating a more comfortable user experience in encourage pedestrian usage.

-  MIXED SPECIES
-  CEDAR ELM
-  LIVE OAK
-  BALD CYPRESS

90% OF TRAIL IS SHADED BY TREE CANOPY

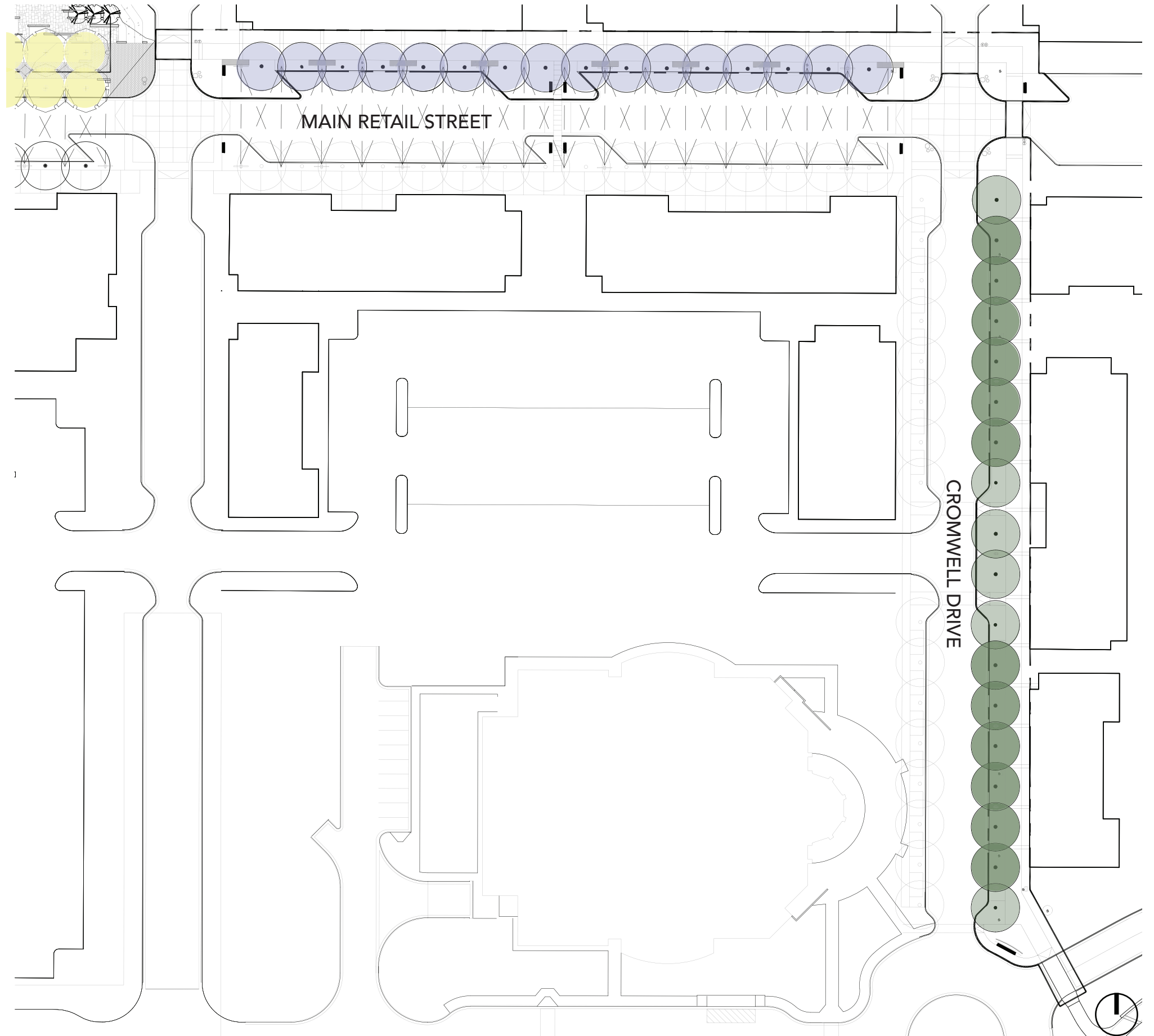
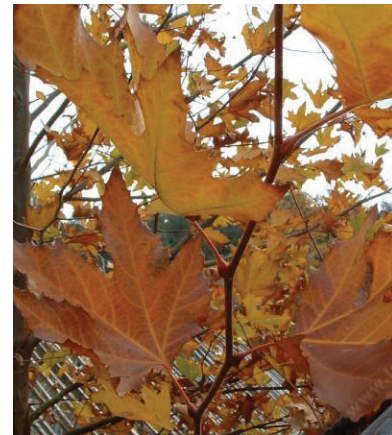


Figure 6: Cultural Trail Tree Canopy Diagram

TREE CANOPY CHARACTERISTICS

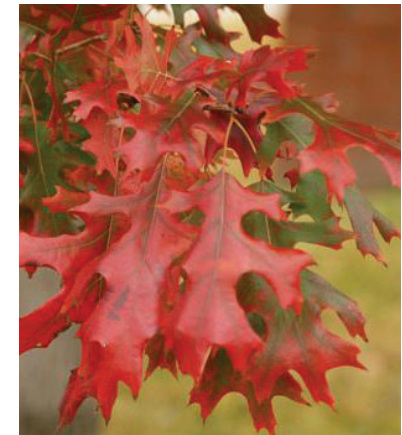
MEXICAN SYCAMORE



CEDAR ELM



SHUMARD OAK



LIVE OAK



BALD CYPRUS



NATCHEZ CREPE MYRTLE



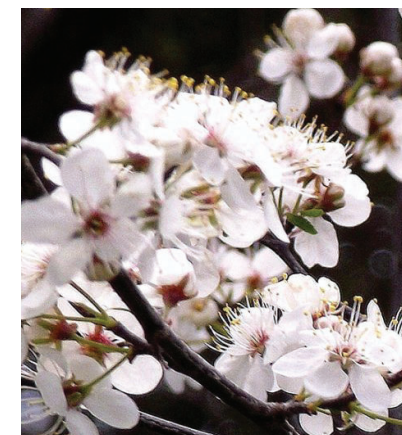
PALO VERDE



FOREST PANSY REDBUD



MEXICAN PLUM



DISTRICT UNDERSTORY

While the majority of the district has a turf understory, both the Central Park and Cultural Trail will utilize a diversity in shrubs, grasses and perennials. The increase in plant diversity further highlights a sense of place while creating an engaging street scape for all types of pedestrian users.



TURF



RAIN GARDEN WHERE APPLICABLE



SHRUBS + GRASSES + PERENNIALS

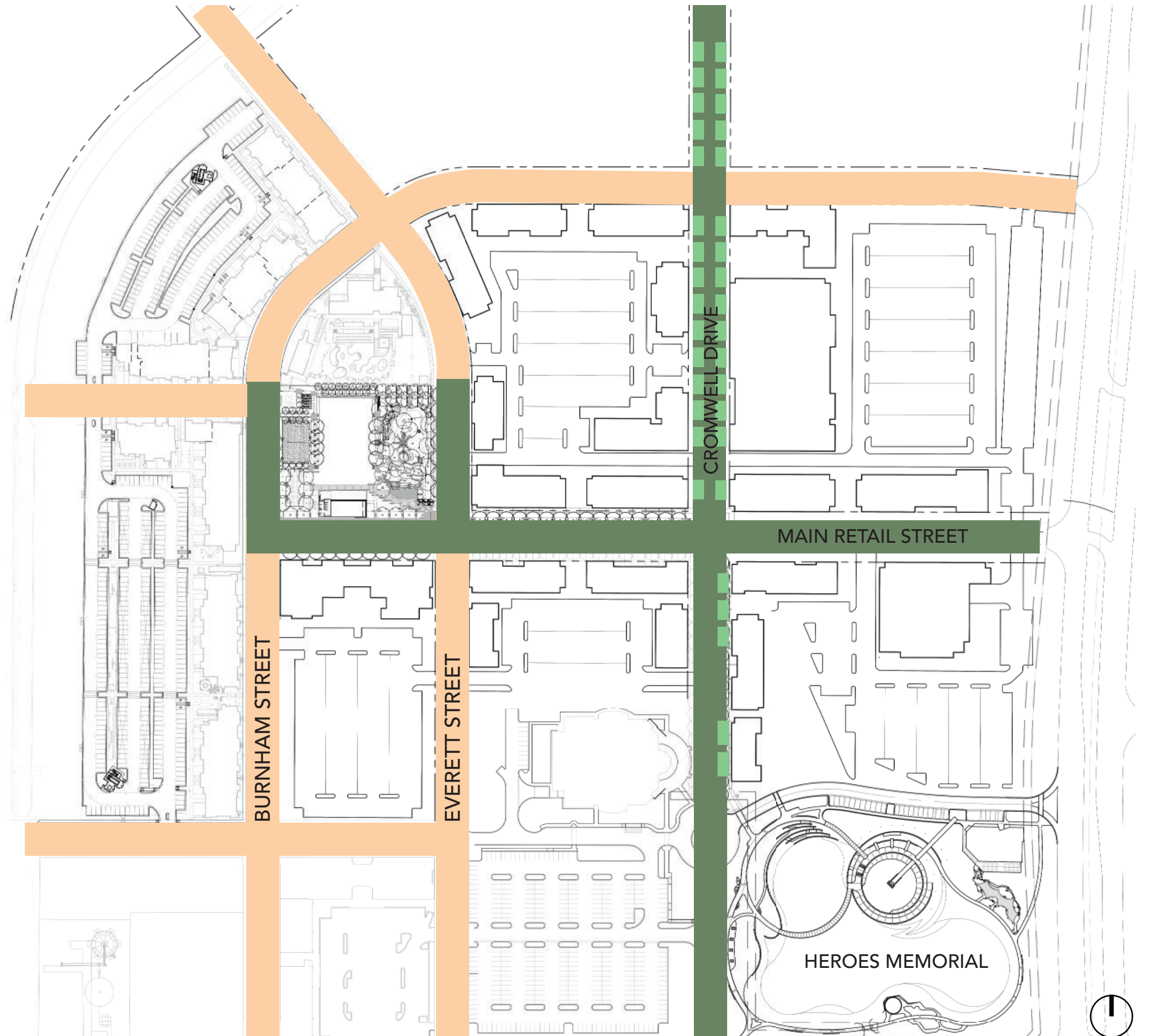
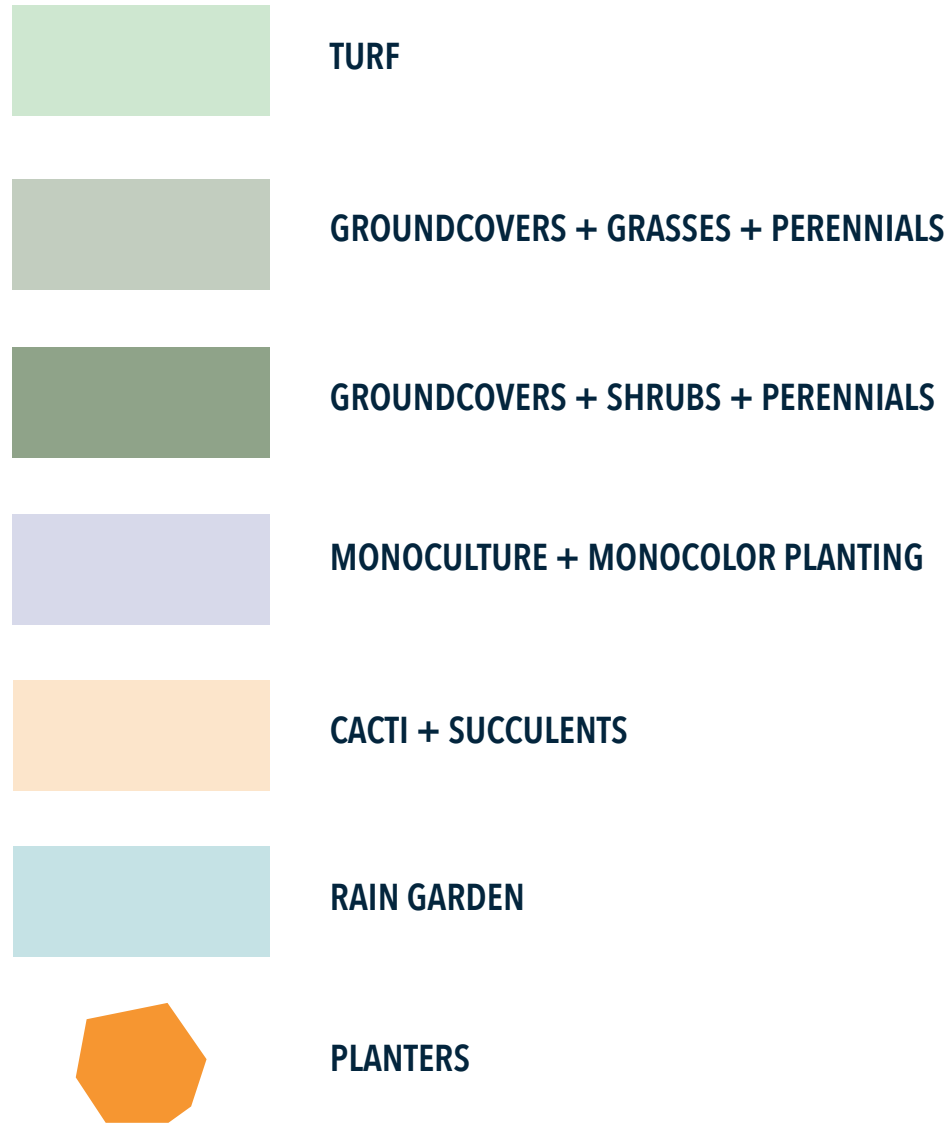


Figure 7: District Understory Diagram

PARK UNDERSTORY

Impervious cover was kept to a minimum, covering only 36% of the site area. Ample planting areas allow for a diversity in understory plant species, providing seasonal interest and habitat for pollinators.



42% OF SITE IS PERVIOUS



Figure 8: Central Park Understory Diagram

TRAIL UNDERSTORY

Understory planting along the Cultural Trail provides added structure and intrigue to the streetscape. Similarly, they also work to lessen urban pollutants improving air quality for pedestrians.

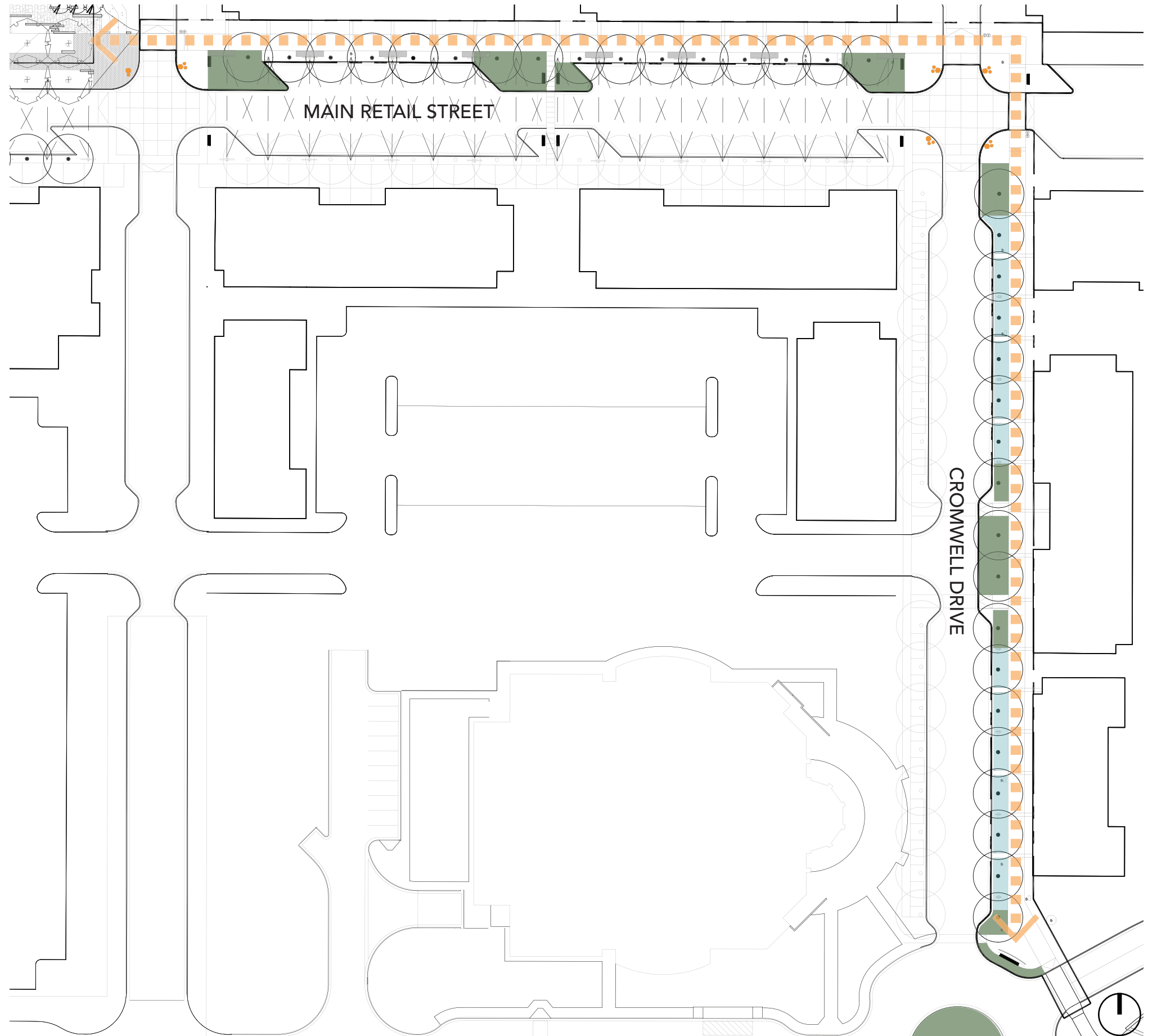
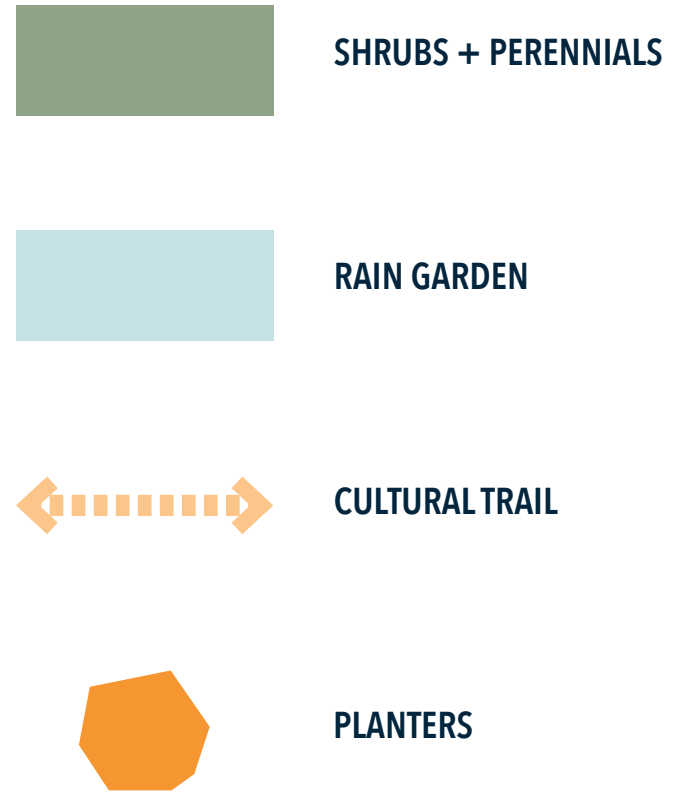
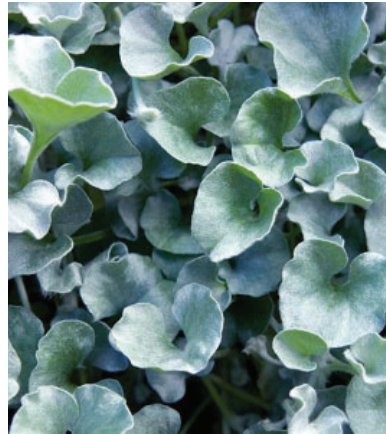


Figure 9: Cultural Trail Understory Diagram

UNDERSTORY CHARACTERISTICS

GROUNDCOVERS



SILVER PONYFOOT

GRASSES



TEXAS SEDGE

PERENNIALS



WILD FOXGLOVE

SHRUBS



DWARFS TURKS CAP

CACTI + SUCCULENTS



WHALE'S TONGUE AGAVE

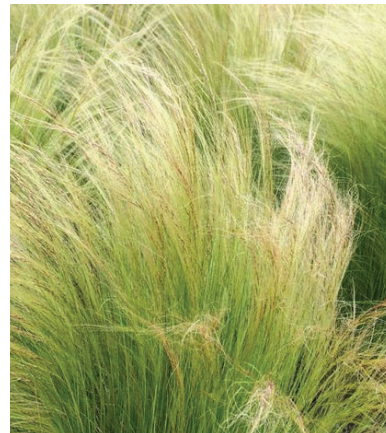
RAIN GARDEN



INLAND SEA OATS



SNOW WHITE BEE BALM



MEXICAN FEATHER GRASS



PURPLE CONE FLOWER



WOOLLY BUTTERFLY BUSH



PRICKLY PEAR



FALL OBEDIENT PLANT



GOLD MOSS SEDUM



INDIAN GRASS



MEADOW SAGE



TEXAS ROCK ROSE




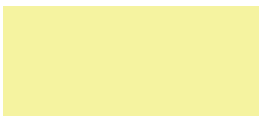



RED YUCCA



TEXAS BUTTONBUSH

DISTRICT LIGHTING

The district includes ornamental and security lighting to ensure that it is a safe experience for all visitors. Well lit streets increase frequency of pedestrian night time use, enlivening the streetscape.

-  **MAYA MA10 POLE MOUNT**
-  **MAYA MA21 POSTTOP**
-  **VERTICAL LIGHT SABER LIGHT**
-  **OVERHEAD TIVOLI LIGHTS**
-  **CUSTOM CANDELABRA**

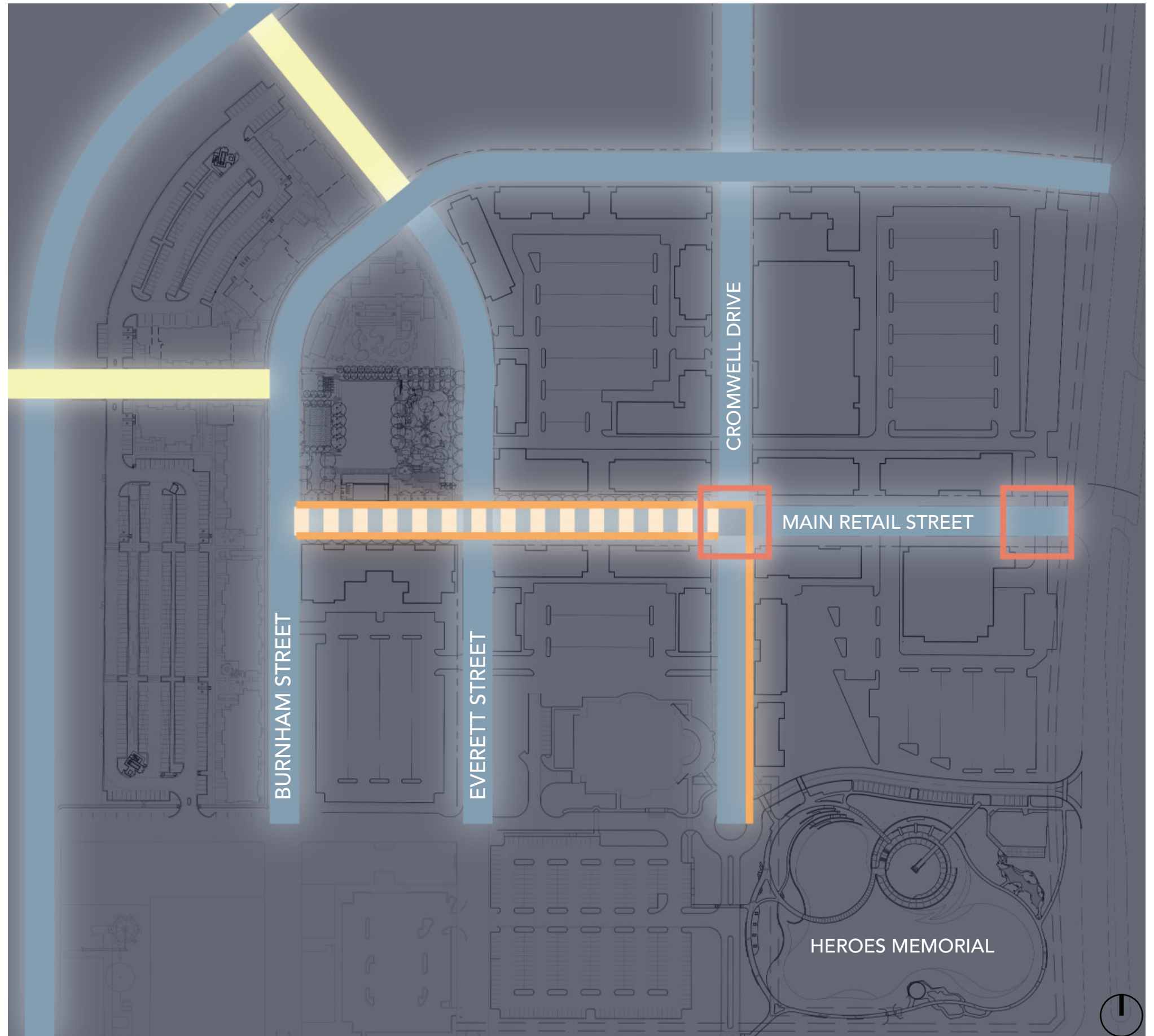


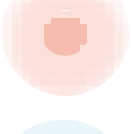



Figure 10: District Lighting Diagram

PARK LIGHTING

The Central Park design envisions a variety of lighting that will make the park safe at night as well as accentuate water features and art work.

-  **POLE LIGHT** (AR1550-30-CURVED FINISH)
-  **UP LIGHTING** (F080-15-MO-30-8-60 FINISH)
-  **DOWN LIGHTING** (66 979 K3 FINISH)
-  **ARCHITECTURAL COLUMN** (84 082-K3-FINISH)
-  **MAYA MA10 POLE MOUNT**
-  **STONE INLAID LIGHTING** (ZES-RP-FW-FINISH)
-  **PUCK LIGHTING** (JU-R-FL-L1-30-24-TRIM-LV)
-  **STEP INLAID LIGHTING** (33 053 K3 FINISH)
-  **STAGE STRUCTURE LIGHTING**
-  **TIVOLI LIGHTS**

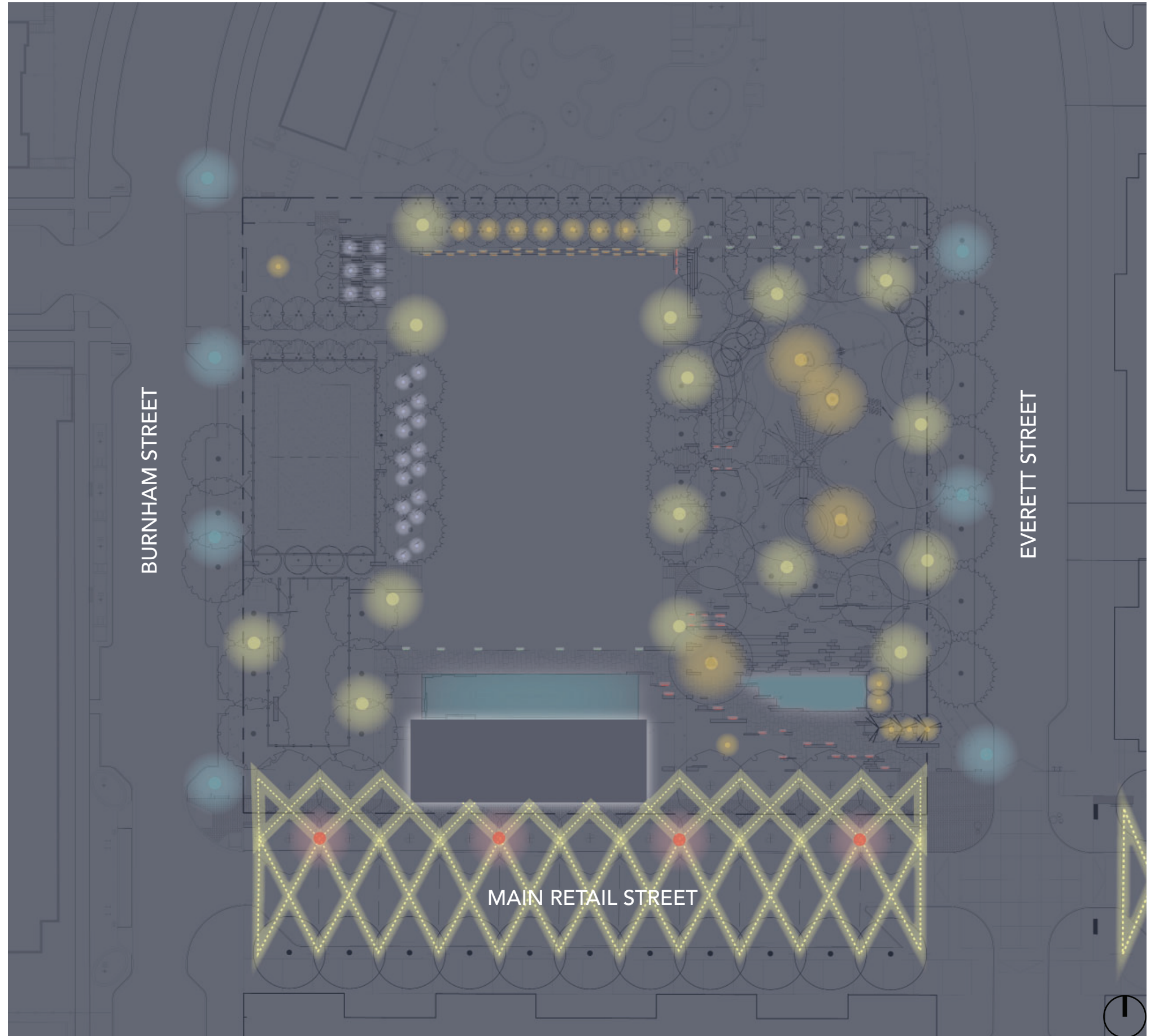


Figure 11: Central Park Lighting Diagram

TRAIL LIGHTING

The Cultural Trail includes ornamental and way finding lighting in addition to the standard security lighting. Lighting is key to ensure that the trail remains safe and usable well into the evening for visitors and residents.

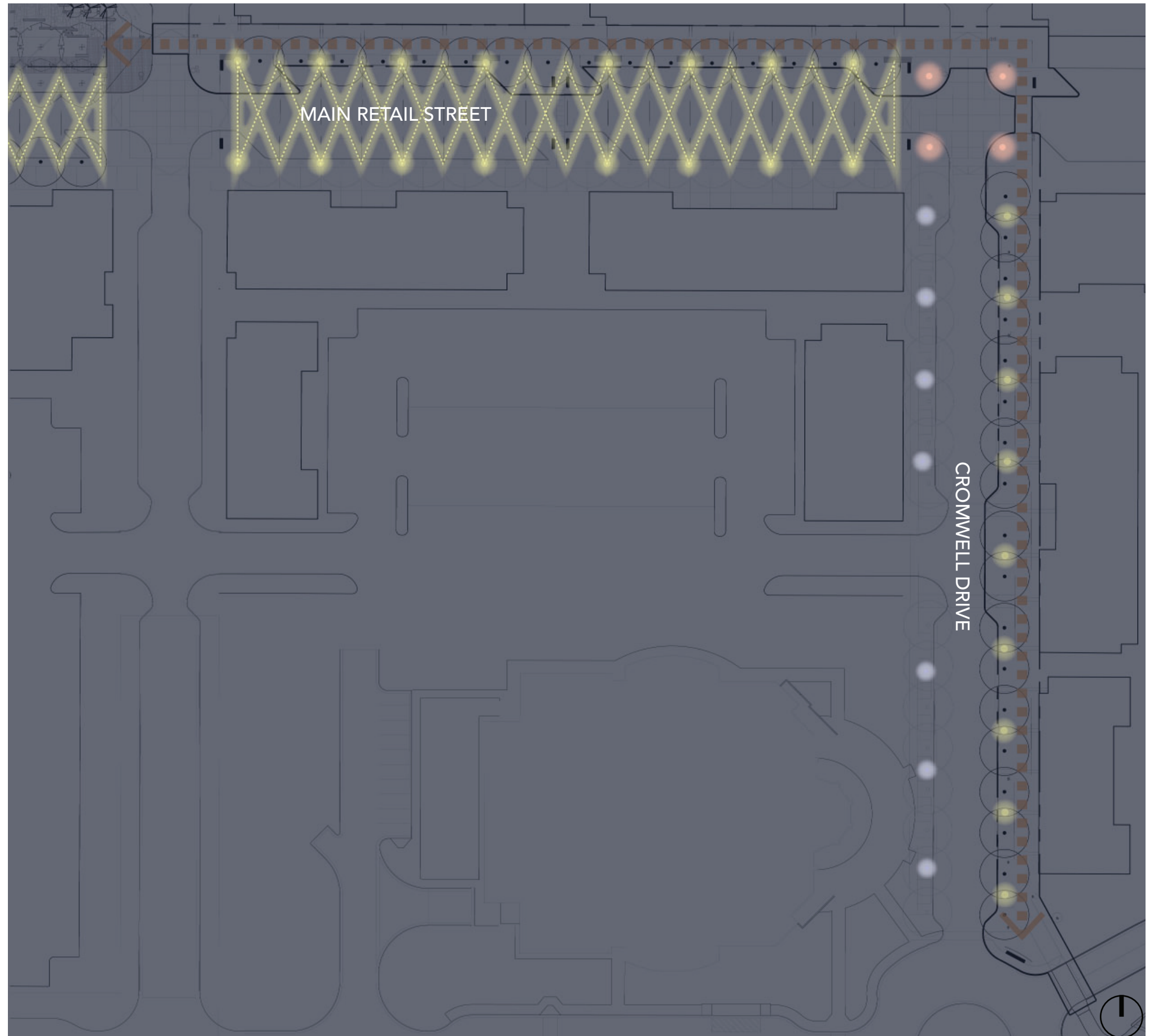
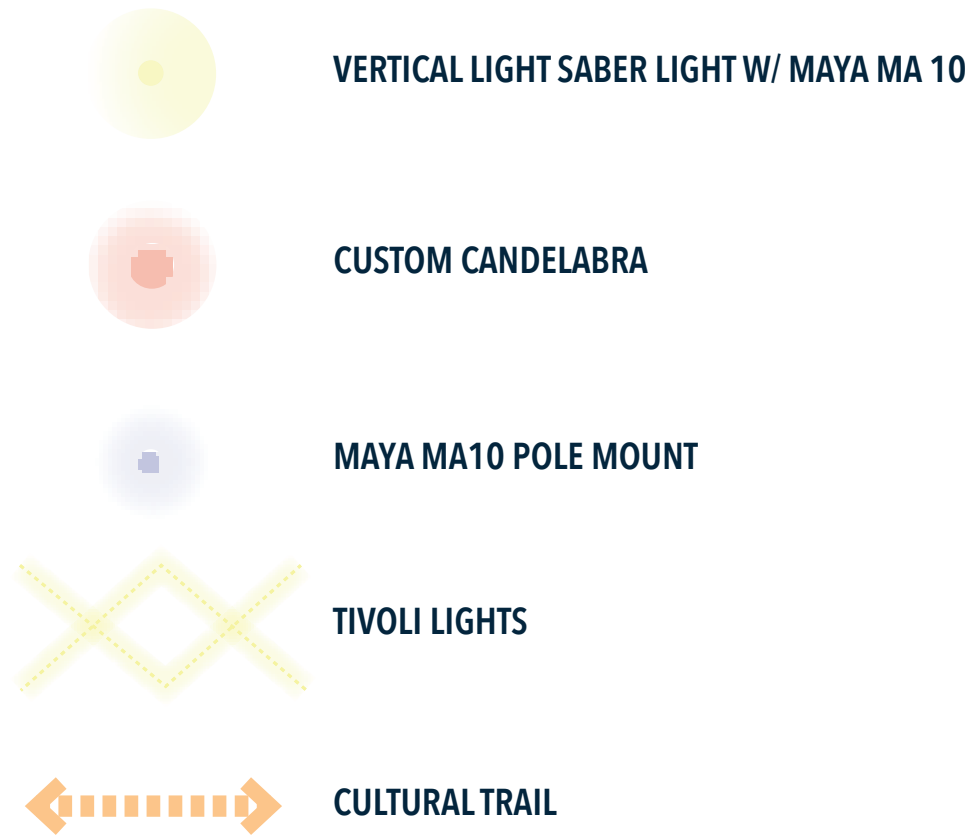


Figure 12: Cultural Trail Lighting Diagram

LIGHTING CHARACTERISTICS

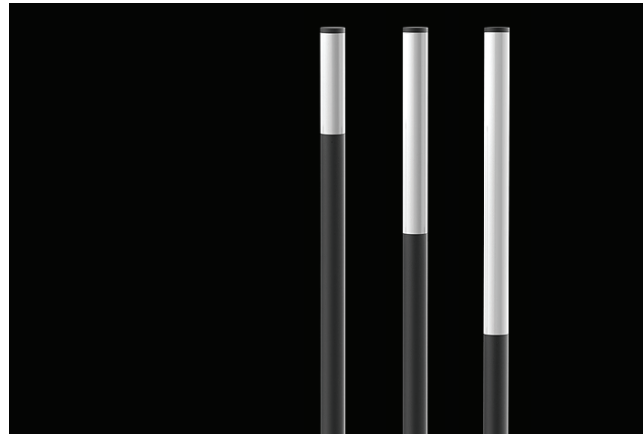
MAYA MA10 POLE MOUNT



MAYA MA21 POST MOUNT



VERTICAL LIGHT SABER LIGHT



OVERHEAD TIVOLI LIGHTS







CANDELABRA (CUSTOM)



DISTRICT WATER

Water is a great way to bring people to the district. Moments of interactions with water, whether visual or physical, reconnect users to the Central Texas ecosystem where water appears and disappears depending on the season.

-  VISUALLY INTERACTIVE WATER
-  PHYSICALLY INTERACTIVE WATER
-  CULTURAL TRAIL WATER FEATURE
-  CULTURAL TRAIL RAIN GARDEN

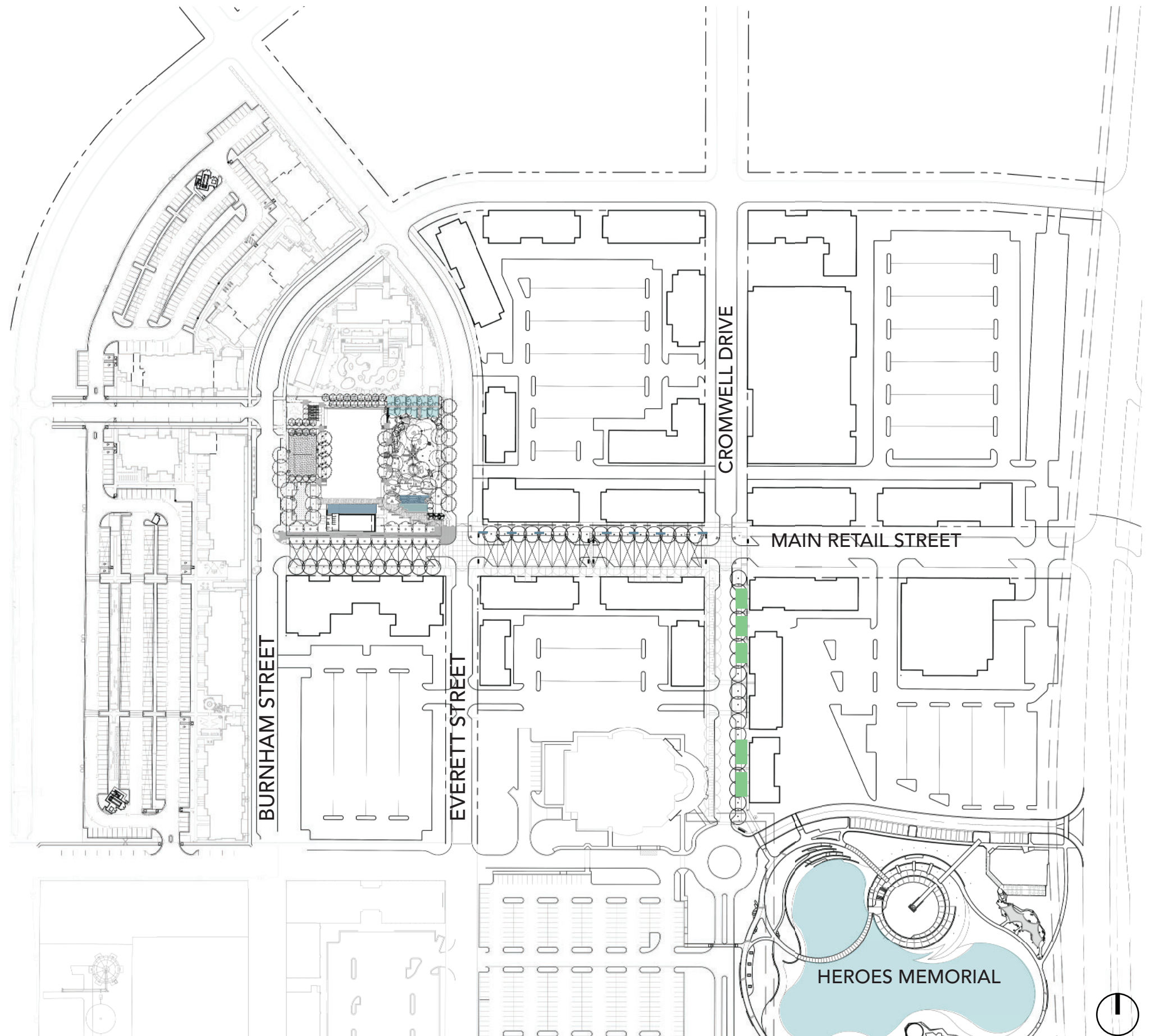
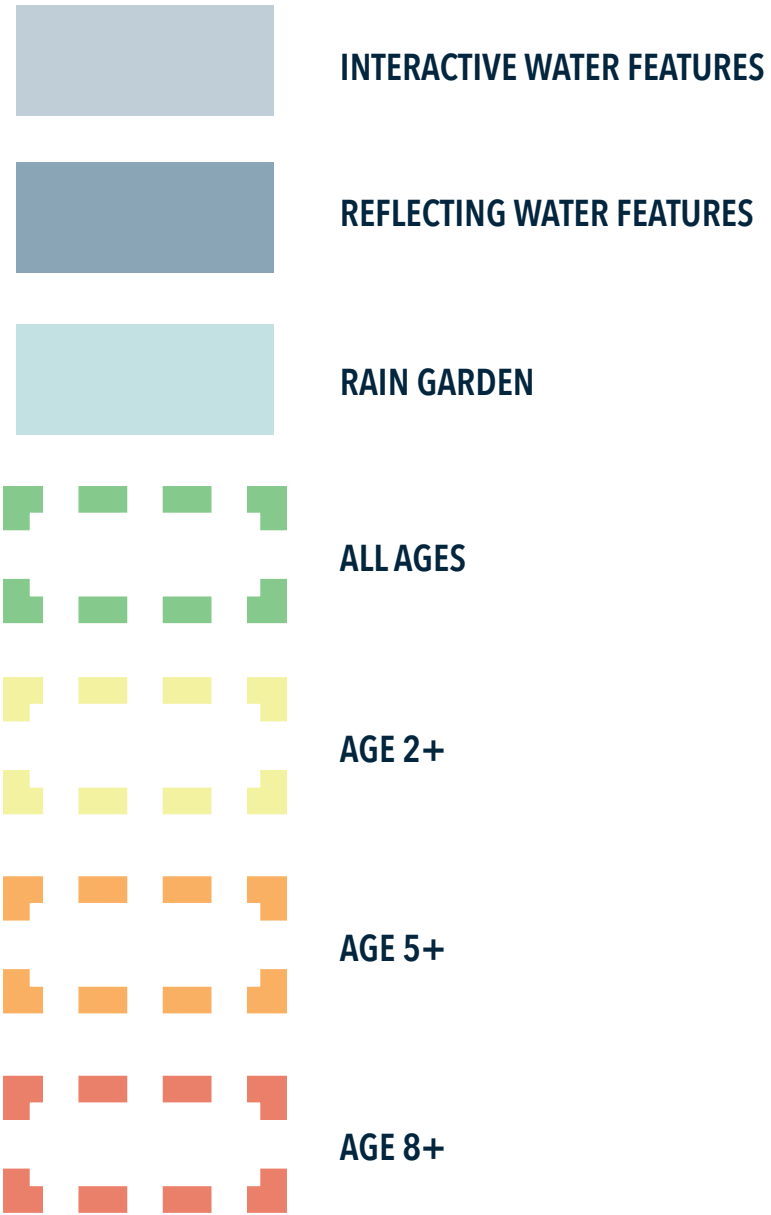


Figure 13: District Water Diagram

PARK WATER

The Central Park features a rain garden which functions as green infrastructure and contributes to the city's initiative for stormwater resilience. The interactive and reflecting elements of the two water features encourages use by a wide range of constituents who are able to interact with the water both visually and physically.



5,800+

SF OF ALL AGES INTERACTIVE WATER PLAY

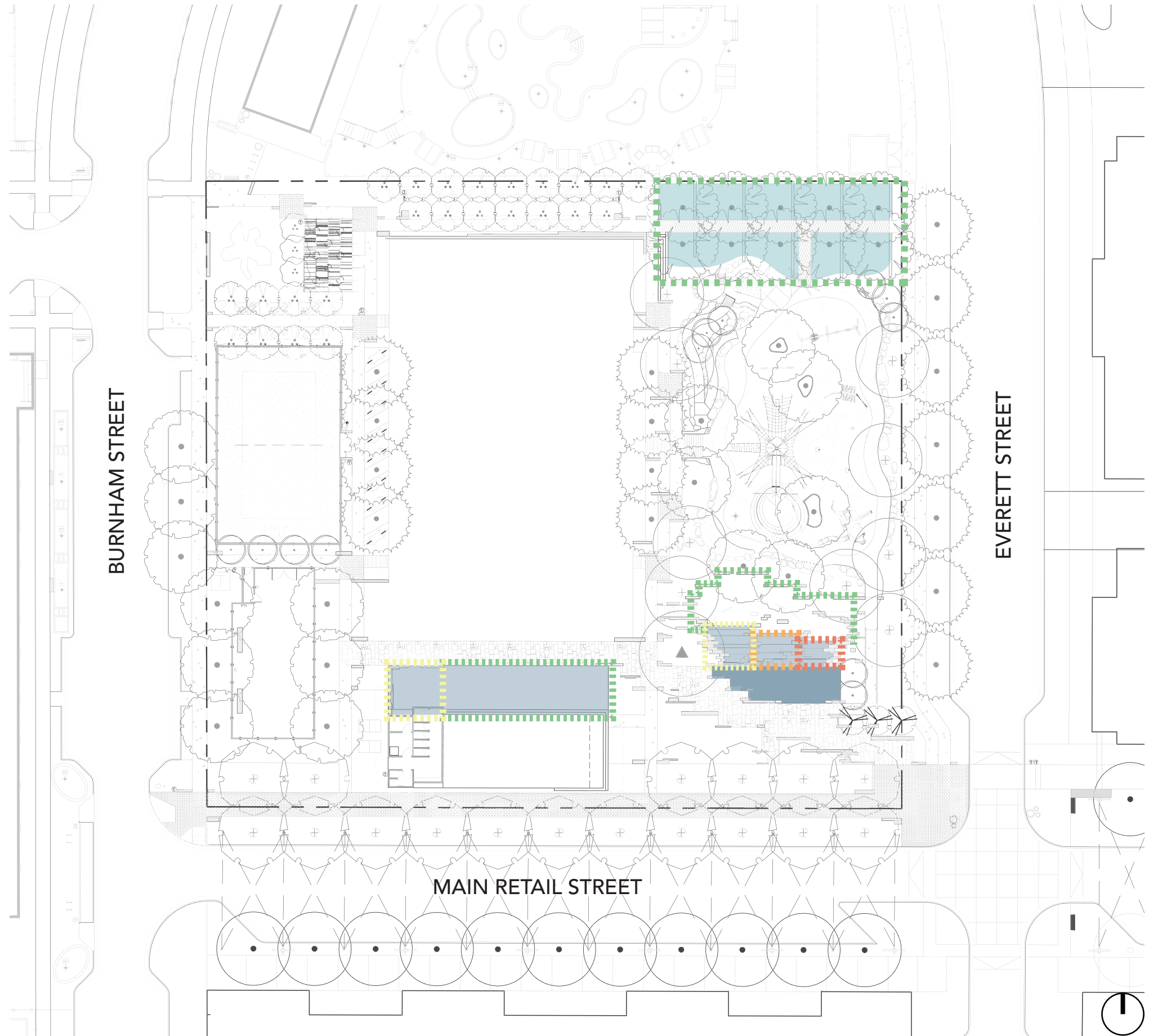
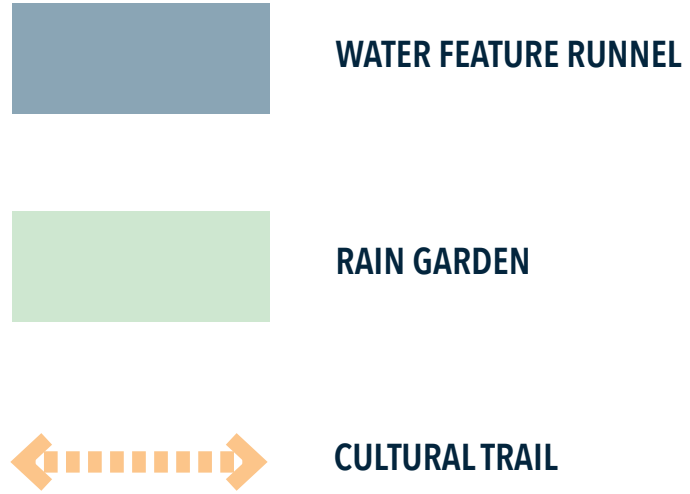


Figure 14: Central Park Planting Water Diagram

TRAIL WATER

Where possible, brief moments of water along the Cultural Trail as either a rain garden or artistic runnel, would add character to the trail and maintain a strong visual connection to the unique water cycles of Central Texas.



1,070 LINEAR FEET OF WATER INTERACTIONS

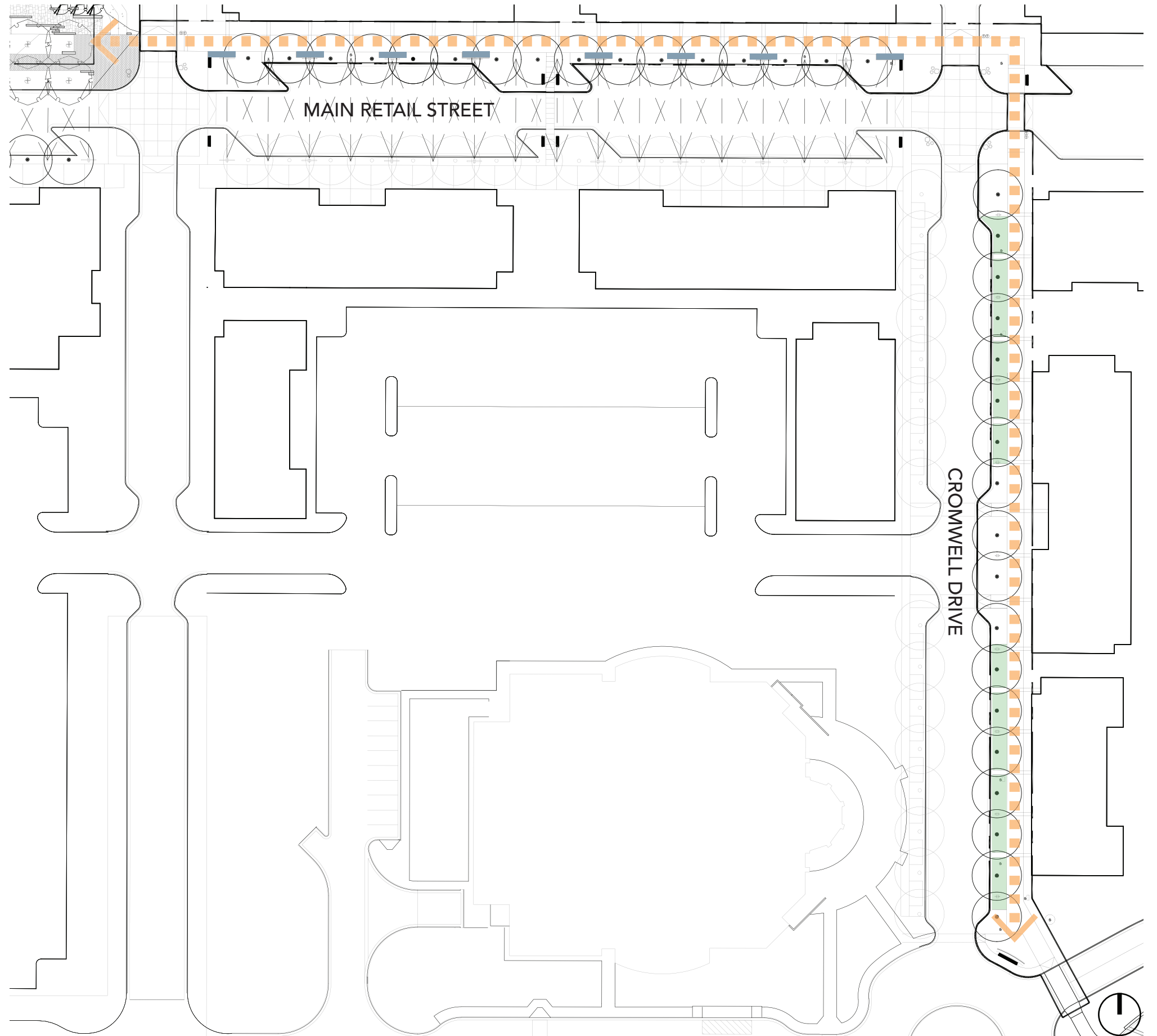


Figure 15: Cultural Trail Water Diagram

WATER CHARACTERISTICS

STAGE WATER FEATURE



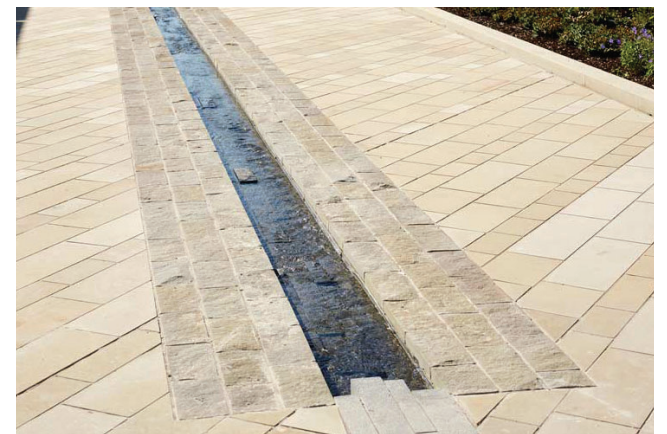
FAULT LINE WATER FEATURE



RAIN GARDEN



CULTURAL TRAIL



DISTRICT ART

Art is a critical element that ties the Central Park, Cultural Trail, and Heroes Memorial together in a cohesive manner. The Central Park and Cultural Trail will include an art plan that identifies multiple opportunities for integrating art by local artists.



ART SPACE



MURAL OPPORTUNITY



PERFORMANCE ART



CRAFT PERSON MARKET PLACE

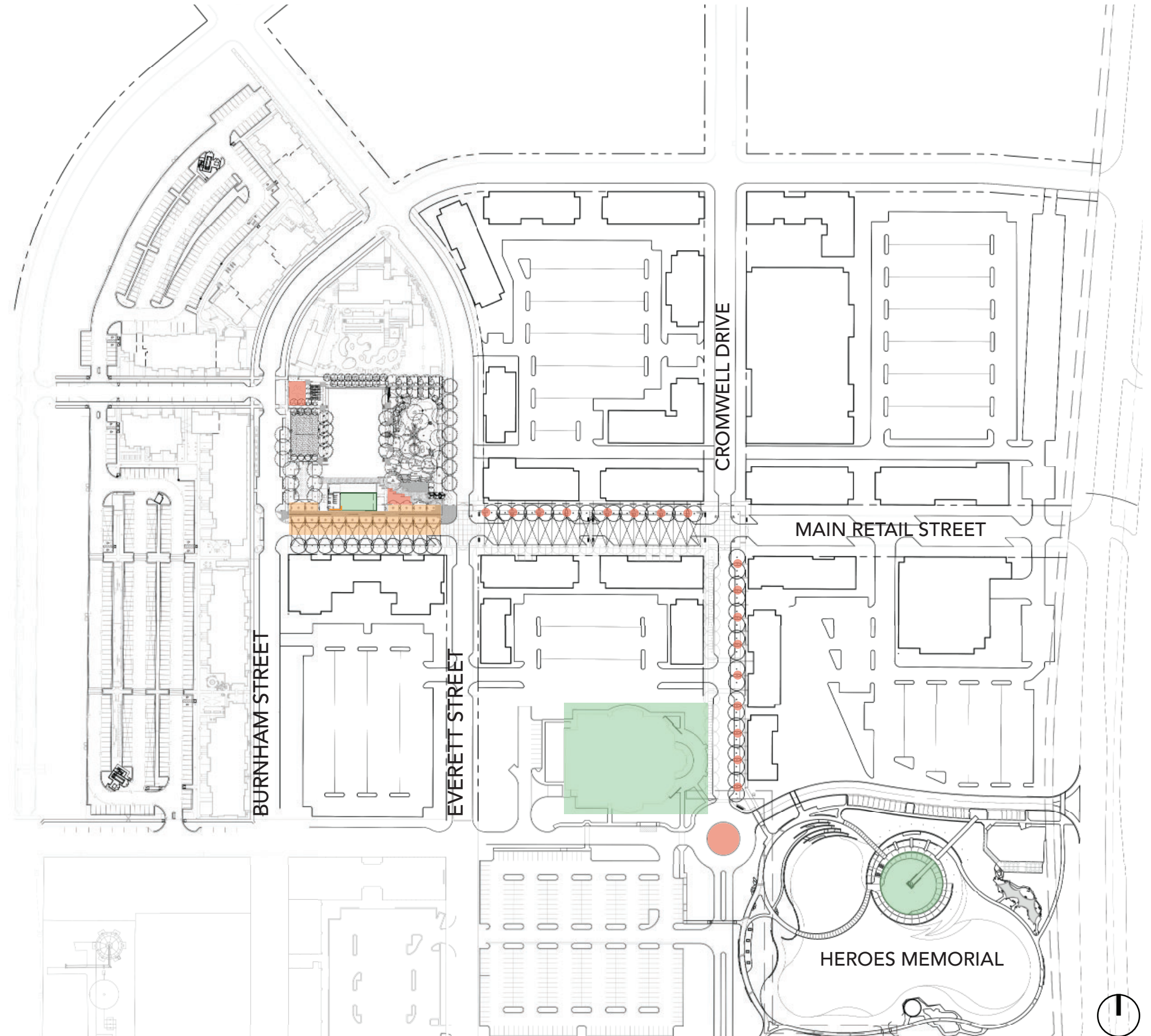


Figure 16: District Art Diagram

PARK ART

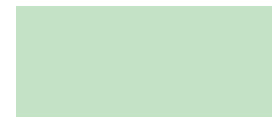
The Central Park has space for both sculptural and mural art elements. Both provide visual stimulation for users with the ability to be interactive and educational.



MURAL OPPORTUNITY



SCULPTURAL ELEMENTS



PERFORMANCE ART



CRAFT PERSON MARKET PLACE

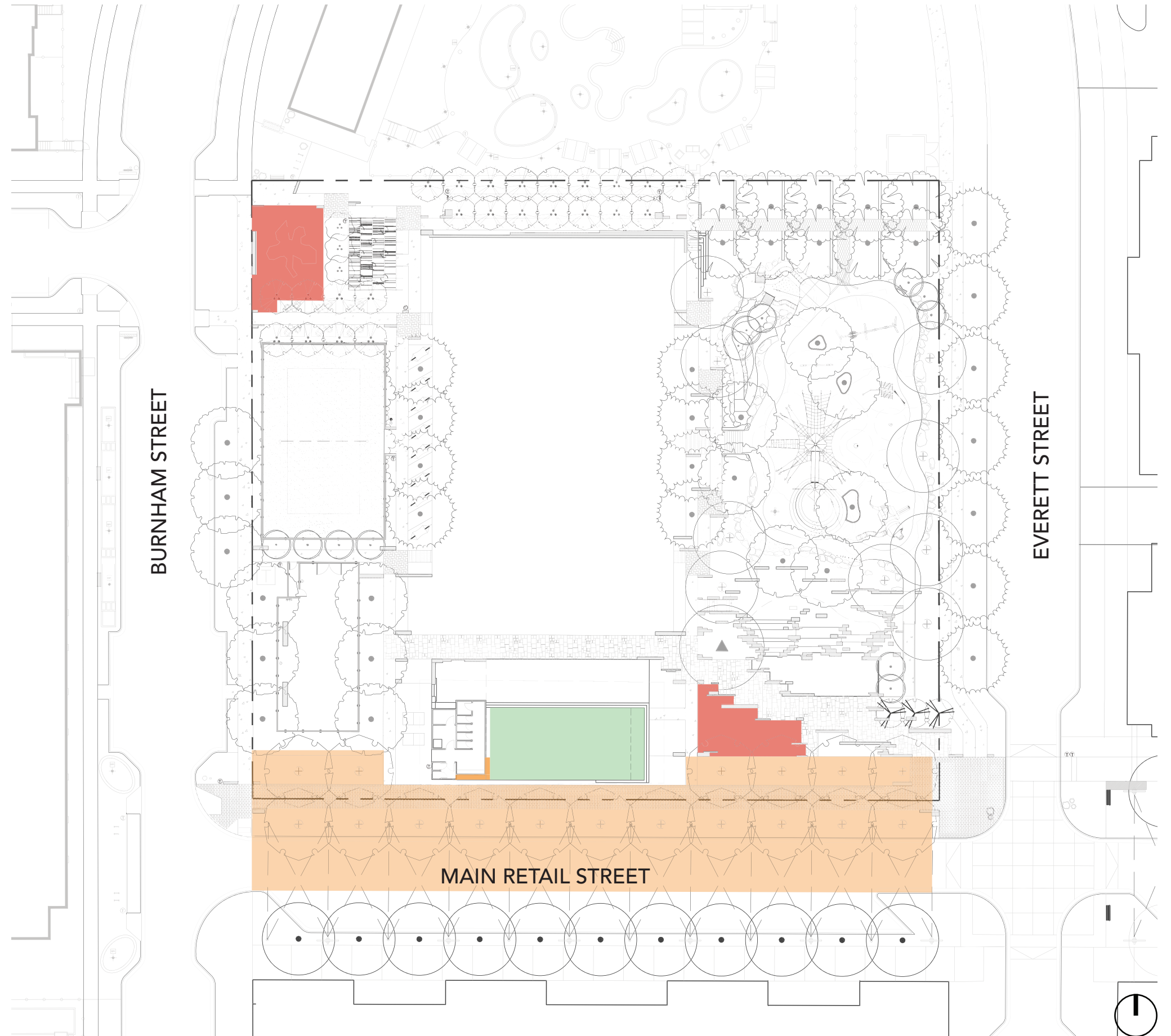
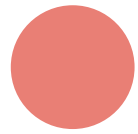


Figure 17: Central Park Art Diagram

TRAIL ART

The Cultural Trail is designed to incorporate artwork at the base of light posts along its entire length. These art installations engage users and establish the identity of the trail.



ART OPPORTUNITY



CULTURAL TRAIL



PERFORMANCE ART

18

OPPORTUNITIES FOR ART

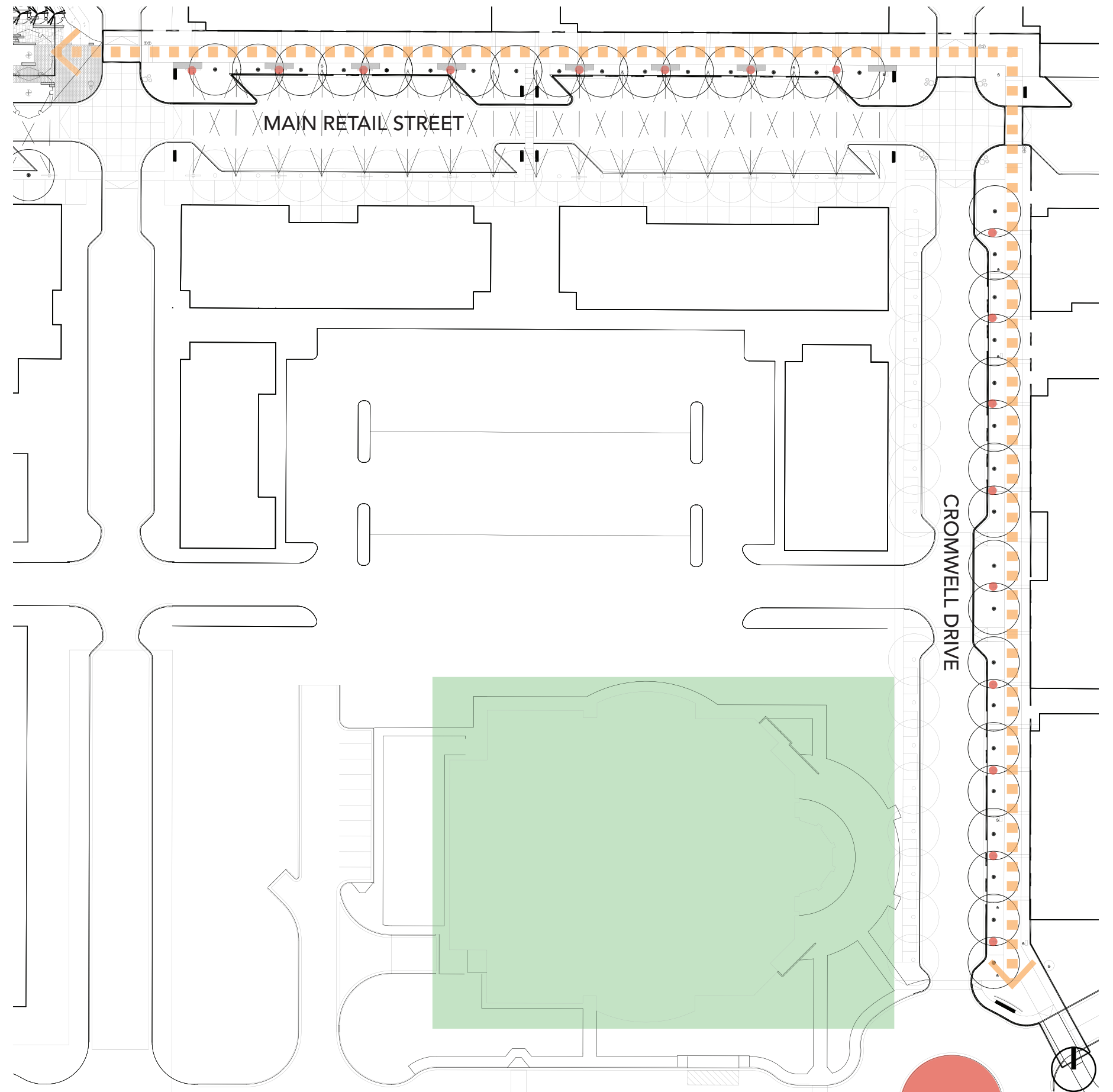


Figure 18: Cultural Trail Art Diagram

ART CHARACTERISTICS

EDUCATIONAL MURALS + MOSAICS



ENGAGING SCULPTURES



ENLIVENED CULTURAL TRAIL

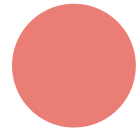


ENERGIZING PERFORMANCE ART



DISTRICT SIGNAGE

As both residents and visitors enjoy the Cultural Trail and district, integrating methods to inform and provide wayfinding are important. These would provide guidance on the destinations throughout the district, such as the park, memorial, or future soccer complex.



WAY FINDING SIGNAGE WITH INFORMATIONAL KIOSK

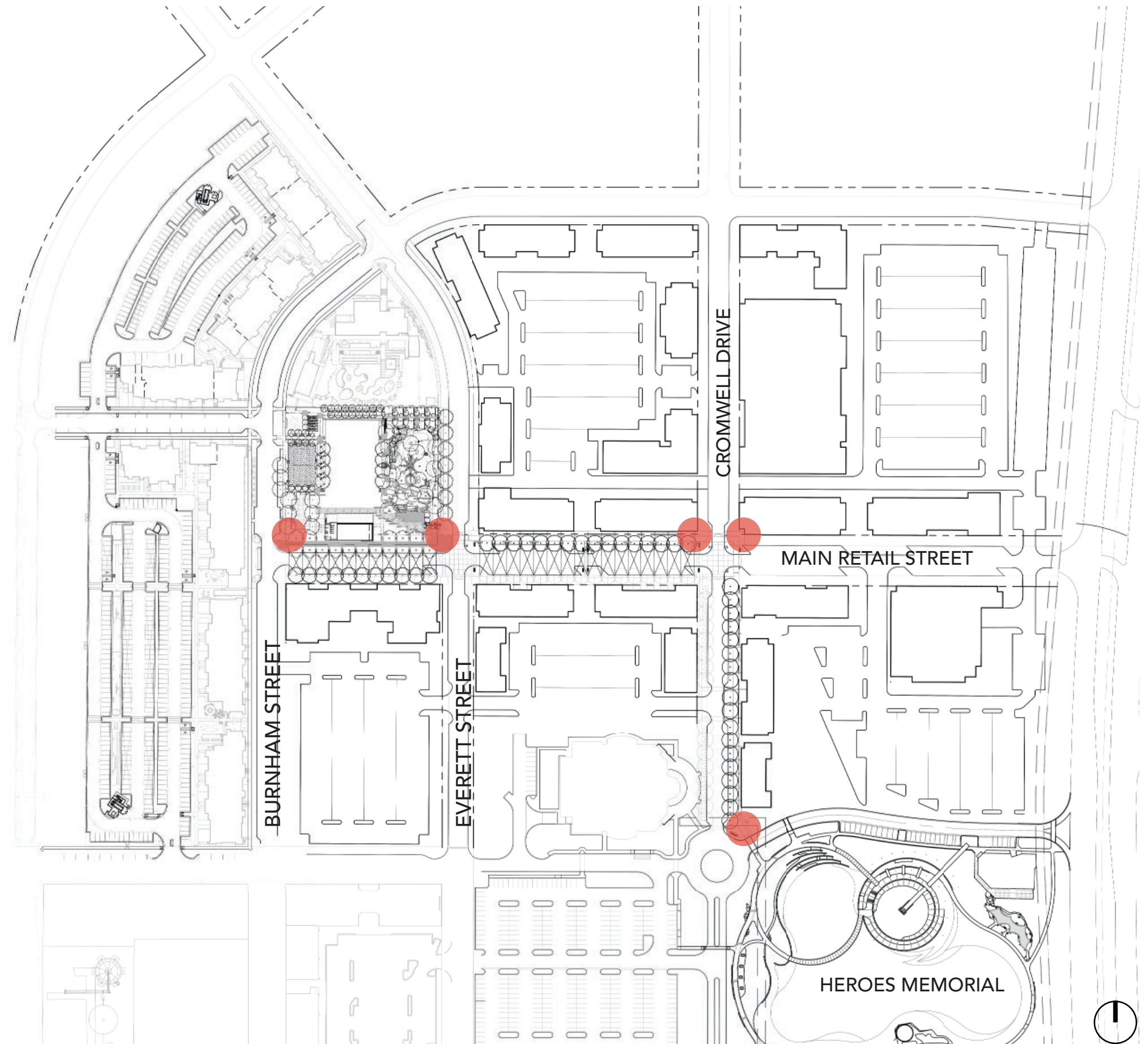


Figure 19: District Signage Diagram

PARK SIGNAGE

Similar to the Cultural Trail, pragmatic regulatory information and interpretation are a part of the park experience.

-  **KIOSK (PROJECT NAME, TIRZ, MESSAGE CABINET)**
-  **CONCRETE WALL SIGN**
-  **RULE SIGN ON POLE**
-  **RULE SIGN ON BLADE**
-  **STEEL PLACED LETTERS FLUSH IN SIDEWALK**
-  **POLE WITH FLAG DIRECTIONAL SIGNS**
-  **MOVABLE RULE SANDWICH BOARD**
-  **STEEL PARK ADDRESS WITH COORDINATES**
-  **POLE MOUNTED TRAIL LANE RULES**
-  **STONE WALL WITH NAME OF PARK**
-  **SANDBLASTED TEXT IN STONE**
-  **RAIN GARDEN INTERPRETATION SIGN**
-  **POLE MOUNTED STROLLER PARKING**

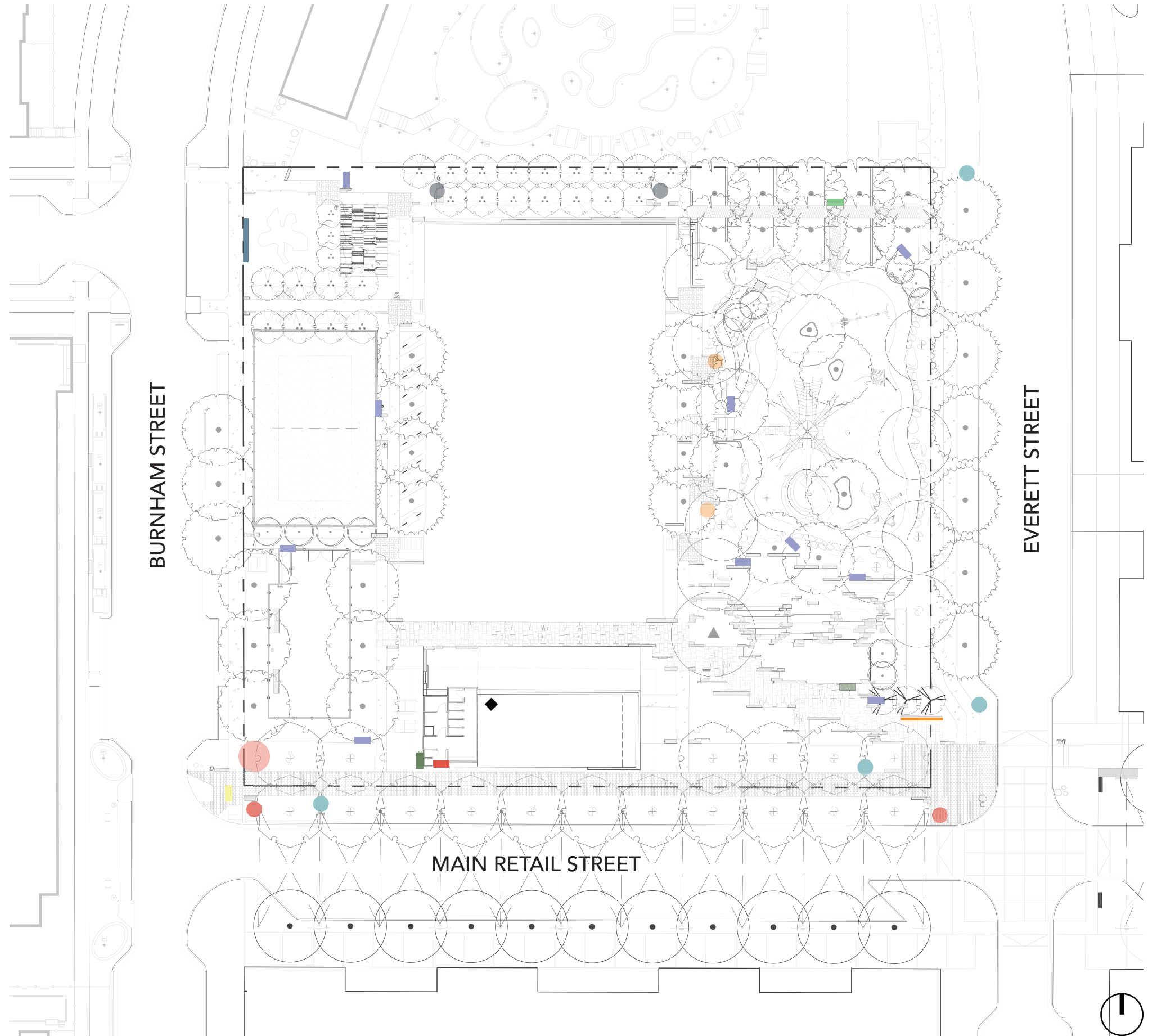


Figure 20: Central Park Signage Diagram

TRAIL SIGNAGE

As both residents and visitors enjoy the Cultural Trail and district, integrating methods to inform and provide wayfinding are important. These would provide guidance on the destinations throughout the district, such as the park, memorial, or future soccer complex.

-  **KIOSK (PROJECT NAME, TIRZ, MESSAGE CABINET)**
-  **DISTRICT BLADE SIGN**
-  **STEEL PLACED LETTERS FLUSH IN SIDEWALK**
-  **POLE WITH FLAG DIRECTIONAL SIGNS**
-  **POLE MOUNTED TRAIL LANE RULES**
-  **STONE WALL WITH NAME OF DEVELOPMENT**
-  **RAIN GARDEN INTERPRETATION SIGN**
-  **CULTURAL TRAIL**

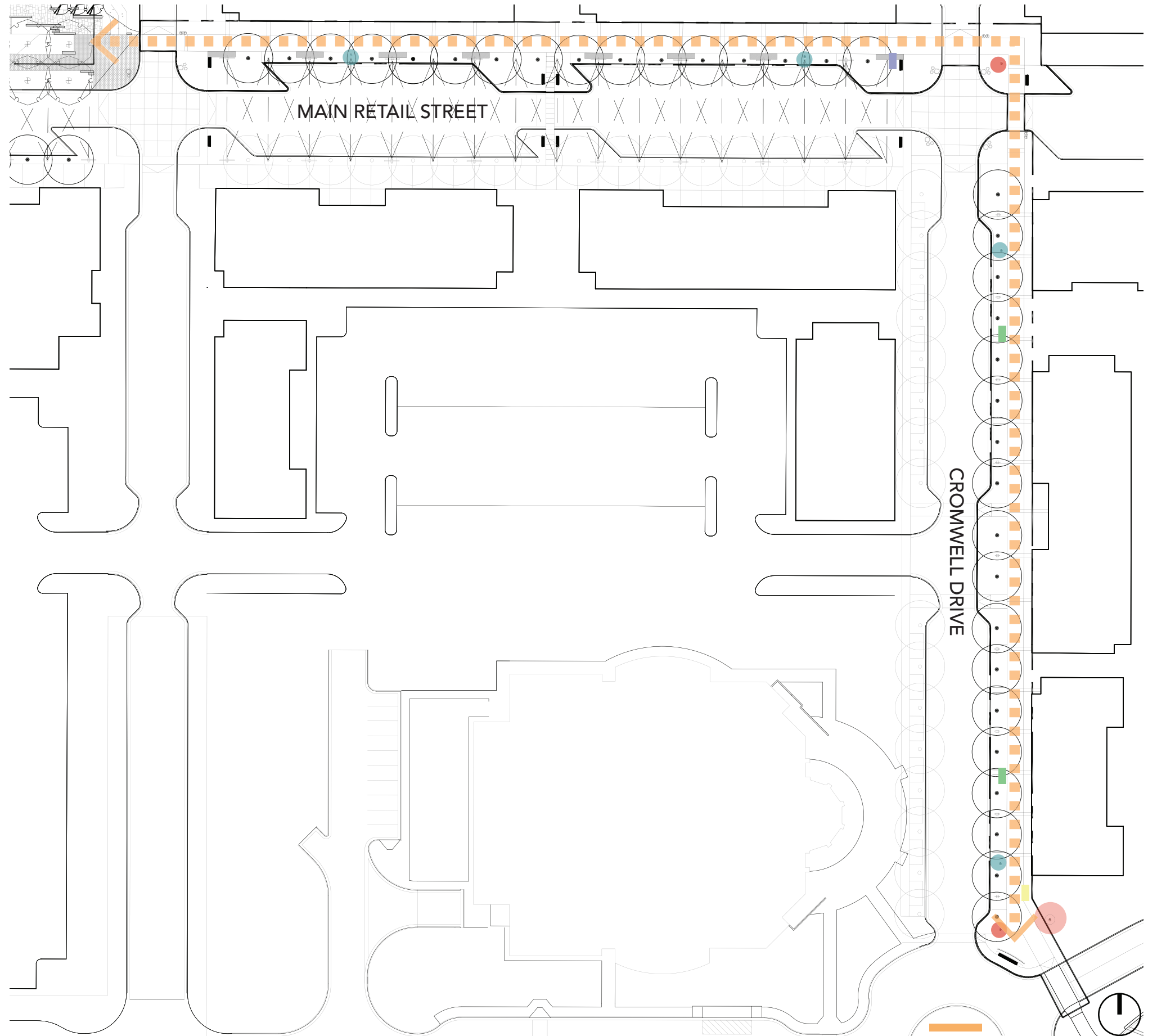


Figure 21: Cultural Trail Signage Diagram

SIGNAGE CHARACTERISTICS



CONCRETE WALL SIGN



KIOSK (PROJECT NAME, TIRZ, MESSAGE CABINET)



RULE SIGN ON POLE



RULE SIGN ON BLADE



STEEL PLATE LETTERS



STONE WALL WITH PARK NAME



MOVABLE RULE SANDWICH BOARD



POLE WITH DIRECTIONAL SIGNS



POLE MOUNTED STROLLER PARKING



SANDBLASTED LETTERS



RAIN GARDEN INTERPRETIVE SIGNAGE



POLE MOUNTED TRAIL RULES



DISTRICT BLADE SIGN



STEEL ADDRESS W/ COORDINATES

DISTRICT EVENTS

Parades and festivities throughout the district can also serve to tie the park, trail, and memorial together. Events help bring renewed energy to the public spaces. The Central Park and Cultural Trail will accommodate events that help celebrate the people of Kyle and events important to the community.

-  **OUTDOOR GATHERING SPACES**
-  **INDOOR GATHERING SPACES**
-  **FLEX MARKET SPACE**
-  **PUBLIC PARKING**
-  **PARADE ROUTE 1**
-  **PARADE ROUTE 2**
-  **PAVILION**

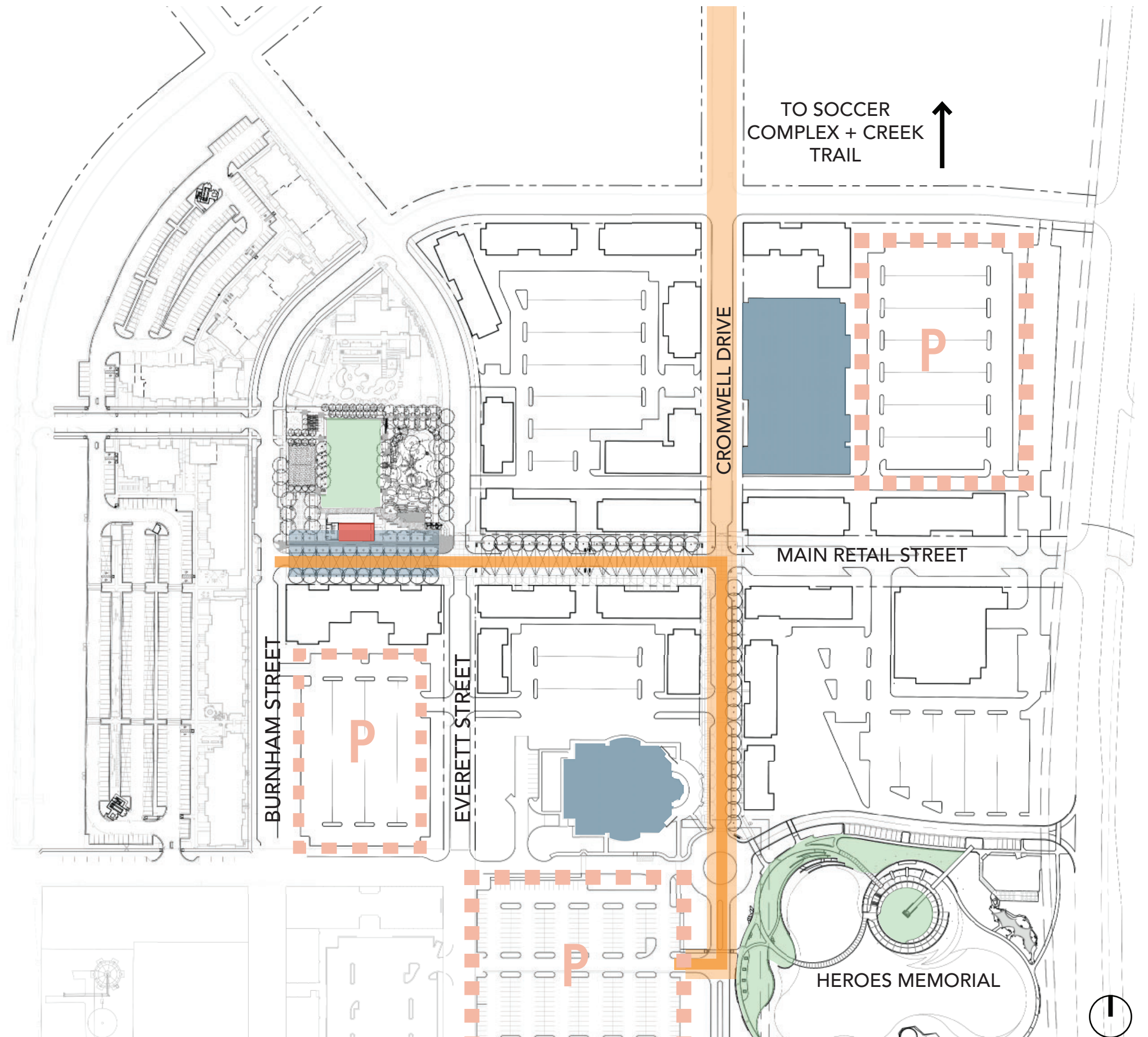
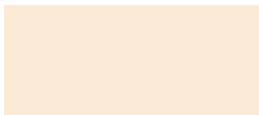



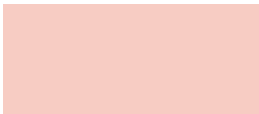


Figure 22: District Event Diagram

PARK EVENTS

Programming of the Central Park considered the opportunity for revenue generating events. These events include performances, movies in the park and markets that will bring visitors to the area to support surrounding businesses.

-  **LAWN EVENT SPACE (+/- 2,100 PEOPLE)**
-  **PARK MARKET SPACE**
-  **EVENT PAVILION (1,800 SF)**
-  **PAVILION INTIMATE AUDIENCE SPACE (1,800 SF)**
- 

65 SPACES FOR MARKET TENTS

2,000+

PEOPLE CAN BE ACCOMMODATED COMFORTABLY DURING LARGE EVENTS

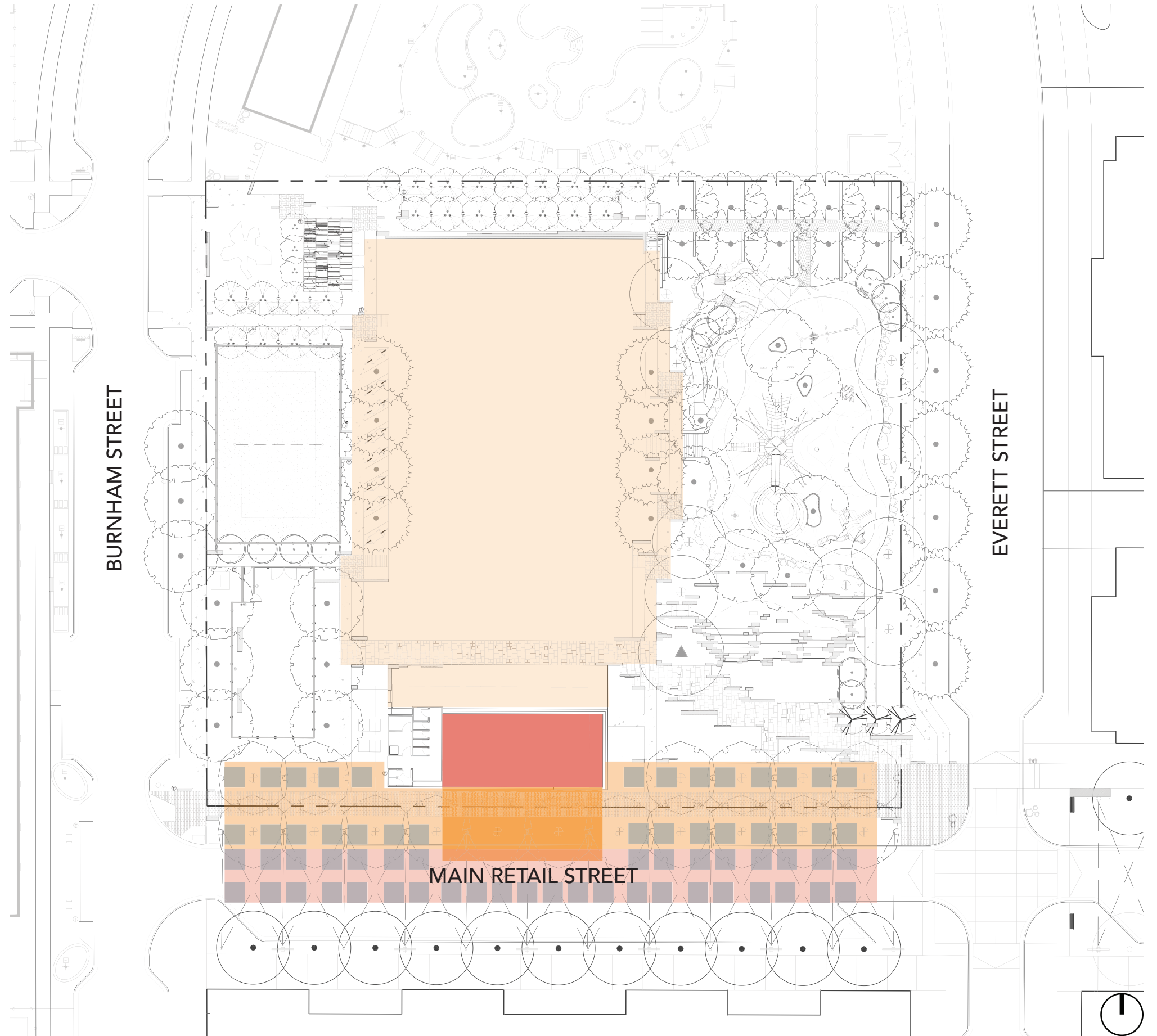


Figure 23: Central Park Events Diagram

TRAIL EVENTS

The Cultural Trail is designed to be versatile for a variety of events and temporary art installations.



PARADE ROUTE 1



PARADE ROUTE 2

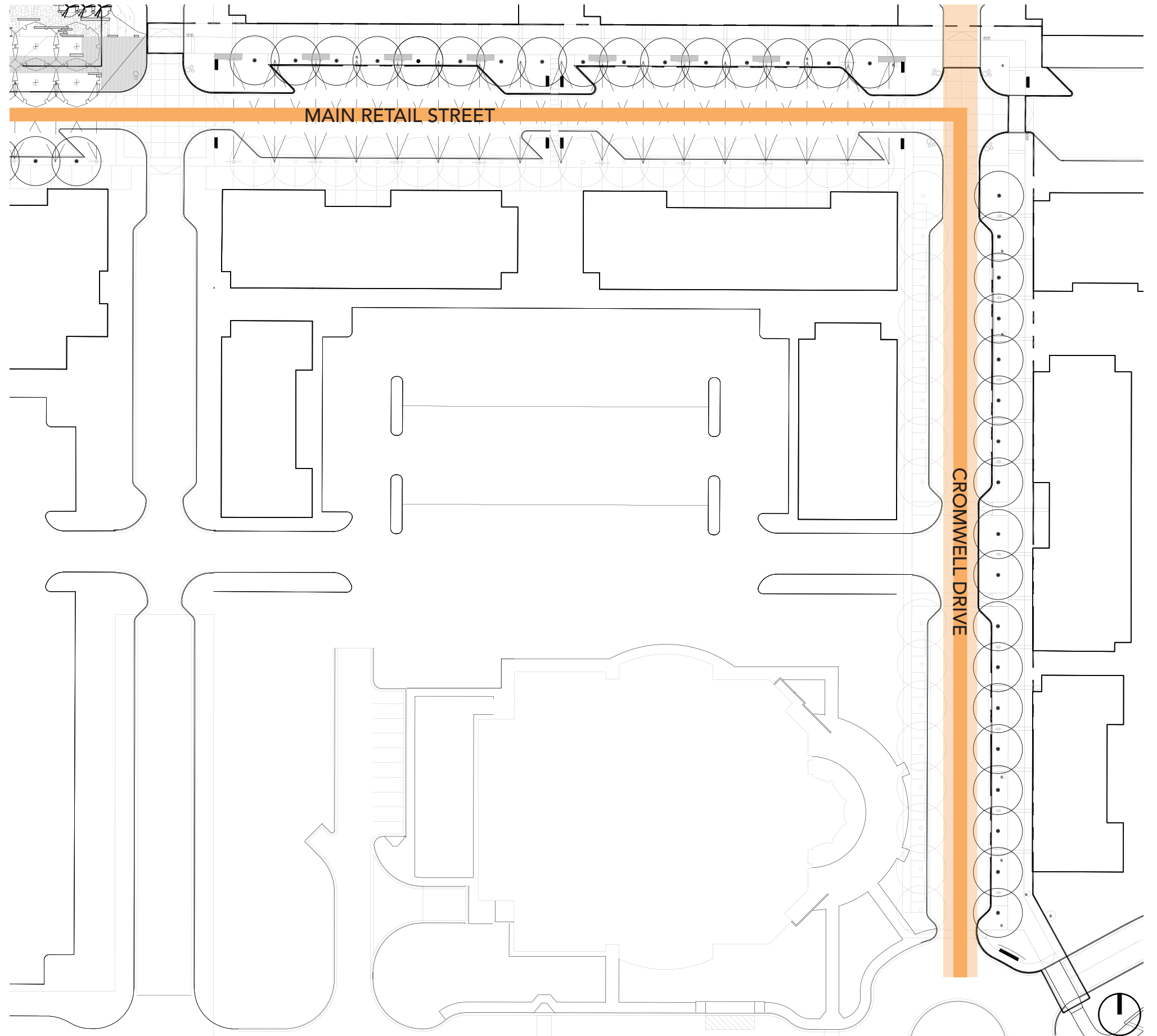


Figure 24: Cultural Trail Events Diagram

EVENT CHARACTERISTICS

MARKET



CONCERT + MOVIE NIGHT



PARADE

