



January 29, 2018

# CENTRAL PARK MASTER PLAN UPDATE

CITY OF RANCHO CUCAMONGA, CALIFORNIA







## INTRODUCTION

Rancho Cucamonga Central Park is now and has always been viewed as a unique place within the heart of the city. Central Park is not like any other park in the city. It is a refuge, an escape from the urban confines into nature. Central Park is intended to contain recreation elements not typically found in other areas of the city. The community and its elected leaders have continuously preserved this design philosophy for Rancho Cucamonga Central Park, from the first approved master plan developed in 1989 through today.

In 2017 the Rancho Cucamonga City Council approved efforts for a Central Park Master Plan Update. The new update would reVISION the remaining park space and identify smaller (3-10 acre), buildable sections comprised of financially responsible amenities, so that when funding becomes available, park development could continue within the framework of a comprehensive community inspired vision.

### Major changes to the previous Master Plan include:

- Relocated / Larger Amphitheater
- Reduction of Large Parking Lots
- Removal / Reduction of Family Aquatics Center
- Removal of Large Lakes
- Removal of Fire Station (Built Elsewhere)

### New elements to the Master Plan Include:

- Development of a Universal Accessible Playground
- Viticulture Pavilion (grape vine preservation)
- Adventure Area
- Recreation Pool
- Dog Park (4.4 acres)
- Water Treatment and Bioswale Facilities
- Developable Phases in 3-10 Acre Sizes

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reVISION  N  
CENTRAL  
P A R K  
RANCHO CUCAMONGA

# EXECUTIVE SUMMARY

In 1984, the City Council acquired approximately 103.4 gross acres of land located at the northwest corner of Milliken Avenue and Base Line Road for a park that would serve the whole city and become a major public resource on the order of other great parks in other major cities. The City negotiated a purchase agreement with Lewis Homes to acquire the Central Park property over a ten year period through a land purchase agreement and note. Central Park was placed into the City's General Plan and the property was reserved for future park purposes.

During the late 1980's a Central Park Task Force was organized to begin workshops on the development of a conceptual master plan for Central Park. No revenue was available for its construction nor was there any real time line for plan development. Approved in 1987, the original Park Master Plan integrated the cultural and sports-related needs of the community, as well as the need for a large open park setting. The Master Plan contained three major use areas or elements: the OmniCenter, Sports Complex (non sports fields), and Park and Open Space.

- The OmniCenter was envisioned to contain five separate but integrated components: a central library, a community center, a children's theater and lecture hall, a fine arts center and museum, and finally a one acre central plaza.
- The Sports Complex contained a multi-purpose facility, recreation center, swim complex and tennis complex. It purposefully did not include sports fields as the Task Force and City Council determined that these elements were available at other parks within the city and wanted Central Park to be unique in providing grand amenities not located at other locations.
- Park and Open Space was perhaps the most important element and was the link tying the other two elements together. It provide a variety of active and passive recreation opportunities to draw people from all over the city. The park area contained two lakes with a stream and waterfalls, group and individual picnic areas, a performance pavilion on the lake's edge with natural amphitheater seating, children's play areas, a botanical garden, interpretive trail and a series of walking paths throughout the park.

Throughout the last thirty years the vision for Central Park revolved around an Olmstedian Philosophy. The idea that a design's psychology and the visual effects on people can be an antidote to the stress and artificialness of urban life. Central Park in New York was built on this principle, an escape from the urban confines into nature. Walkways are wide curving elements through passive areas where build structures are worked into the landscape and surroundings. The Rancho Cucamonga Central Park Master Plan presented here is this philosophy while being responsive to dynamic economic conditions and most importantly, the recreation needs of the community.

As part of the Master Plan Update, the City and RJM Design Group conducted an extensive community outreach and public input process. This community outreach was designed to illustrate to the community the historical design and development of Central Park to date, seek public input for its future development. A combination of local community workshops, online surveys, social networking, and a live Facebook broadcast were conducted to develop the resulting Master Plan.

The Master Plan reflects the historical design philosophy, is responsive to the past planning efforts, includes modern community inspired recreation elements, and incorporates a phased approach providing for fiscally achievable projects of 3-10 acres.



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## HISTORY / THINGS WE’VE HEARD

Central Park has a long history of planning and development. In preparation for community input, a historical timeline of Central Park’s development, planning, as well as economic events that impacted the park was compiled. Additionally, in preparation for developing a meaningful public dialogue, informative updates were developed based on early feedback from the community. This information was made available online as well as in printed material.



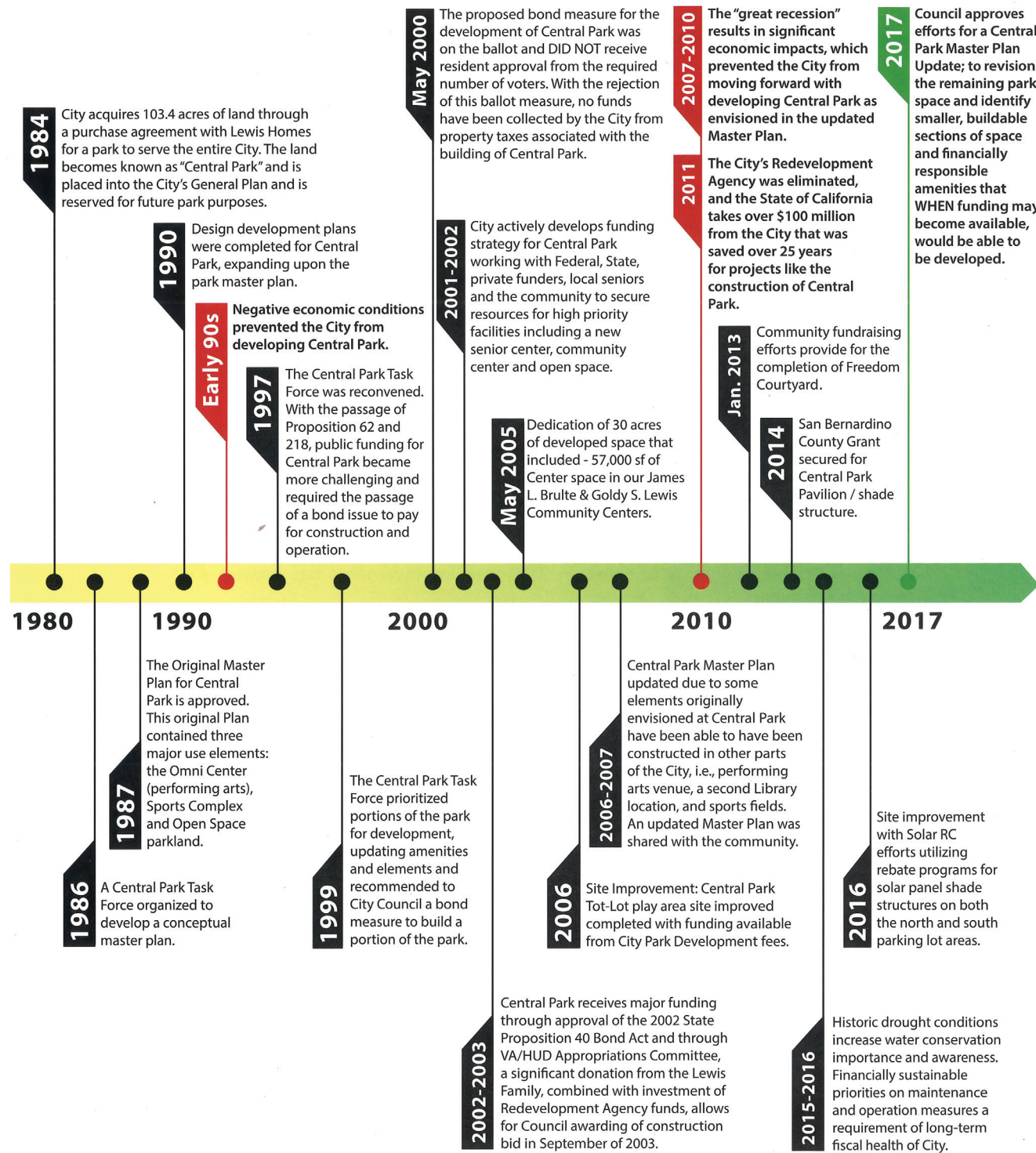
# 2017 Central Park Master Plan Update

Identifying buildable segments for when funding is available



# 2017 Central Park Master Plan Update

Identifying buildable segments for when funding is available



## THINGS WE'VE HEARD

### "Why create a vision of 'buildable segments'?"

Due to the loss of the Redevelopment Agency, funds are not available for expansion of Central Park. This process is to update the existing Central Park Master Plan to create a vision for a fiscally and environmentally responsible park space. Revisioning buildable segments of space and amenities in 3 – 10 acre improvements provides greater opportunities for development as we continue to search for potential grants, donations and other funding sources. Without a vision, there can be no plan.

### "The City has been collecting taxes from residents for decades to build Central Park!"

Fact: In May of 2002, the ballot measure DID NOT receive resident approval. No funds/taxes have been collected from residents for the development of Central Park. RDA funds, saved for this purpose, were taken by the State.

### "30 years ago, my real estate agent/developer told me that they paid for the development of the park."

Fact: The City purchased the land now known as Central Park in 1984. No fees were collected from developers to pay specifically for Central Park development.

### "Why 'Update' the Master Plan?"

Over time, recreation needs, resources and desires of a community change. The original 1987 Central Park Master Plan, the 2002 and the 2007 Master Plan amenities were developed with different funding and environmental resources in mind. The elimination of RDA and the recession along with the unprecedented drought conditions over the last several years, is an example of the need to revisit use of space, operational and maintenance expenses, and use of water resources. We must be environmentally and financially responsible with the resources available. Revisiting use of space and revisioning buildable segments of space in 3-10 acre improvements has greater success of being achieved over the years.

### "What does the elimination of Redevelopment Agencies by the State of California have to do with Central Park?"

In 2012, after the elimination of Redevelopment Agencies, the State of California took over \$100 million (yes, dollars) in cash from the City of Rancho Cucamonga, funds that had been saved by the City over 25 years for projects like the construction of Central Park. These funds will not be recovered or paid back.

For more information regarding the Central Park Master Plan Update, please visit [www.CityofRC.us/reVISION](http://www.CityofRC.us/reVISION)

Be a part of the Central Park Master Plan reVISION:

**Community Workshops**

August 15th History of Central Park & the Central Park Master Plan

September 19th What We've Heard

October 9th Update Status/Next Steps

All workshops will be held at Central Park, 11200 Base Line Rd. | 6-8 p.m.

RSVP | [www.CityofRC.us/reVISION](http://www.CityofRC.us/reVISION)  
reVISION@CityofRC.us  
(909) 477-2760 ext. 2212

*(RSVP recommended, not required to attend)*

Take the latest **Central Park Master Plan Update Survey** at [www.CityofRC.us/reVISION](http://www.CityofRC.us/reVISION)





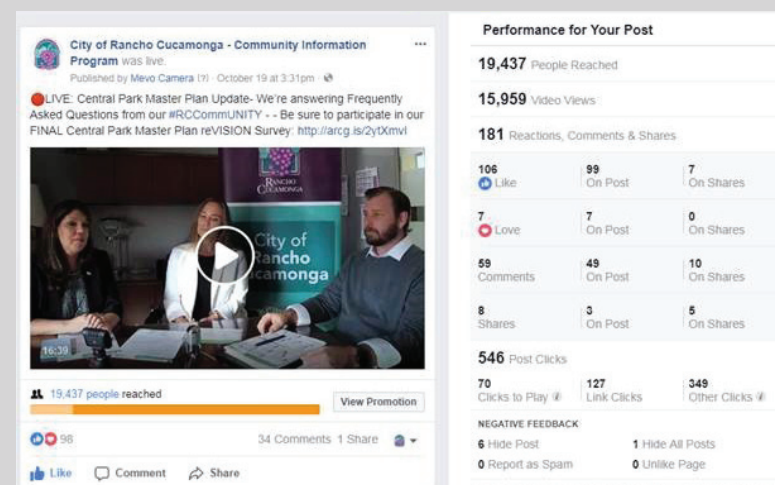


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## reVISION / COMMUNITY OUTREACH

As part of the Master Plan Update the City and RJM Design Group conducted an extensive community outreach and public input process. This community outreach was designed to illustrate to the community the historical design and development of Central Park to date, and seek public input and garner support for its future development. The following summary illustrates the events, when they were held, and number of participants involved.

Outreach Event	Date	Participants
Staff Focus Group	June 29, 2017	14
FlashVote Survey 1	July 19, 2017	669
Online Survey 1	August 1-14, 2017	454
Workshop ONE	August 15, 2017	80
FlashVote Survey 2	September 13, 2017	568
Workshop TWO	September 19, 2017	50
Workshop THREE	October 9, 2017	60
Facebook Live Broadcast	October 19, 2017	180 reactions
Online Survey 2	October 19, 2017	553



<p><b>Staff Focus Group</b></p> <p><b>When:</b> June 29 2017, 8-11am <b>Where:</b> City Hall</p> <p><b>Why:</b> Discuss with staff the planning and development history of Central Park from 1987 to today. Review the Current Master Plan, latest updates, current amenities and solicit input regarding next steps and the future of Central Park.</p> <p><b>Topics:</b> Current Master Plan Most Recent Updates Current Amenities Group Discussion</p> <p><b>How Many:</b> 2 groups / 14+ participants</p>	<p><b>Flash Vote Survey 1</b></p> <p><b>When:</b> July 19, 2017 <b>Where:</b> Online Flash Vote</p> <p><b>Why:</b> Online web survey to solicit responses from community members on their views and attitudes to the previous park elements and potential recommendations for additional program elements.</p> <p><b>Topics:</b> How often you visit a park in RC? Rate the overall quality of parks? What have you done at a park? Additional Comments</p> <p><b>How Many:</b> 669 local participants</p>	<p><b>ESRI 123 Online Survey 1</b></p> <p><b>When:</b> August 1-14, 2017 <b>Where:</b> Online</p> <p><b>Why:</b> Online survey distributed by the City in collaboration with RJM Design to solicit community engagement and feedback from citizens for what they would like to see in Central Park when funding for the Master Plan becomes available.</p> <p><b>Topics:</b> Overall Quality of Rancho Cucamonga Parks Frequency of Attendance Importance of Amenities Important Improvements Desired Importance of Central Park Master Plan ReVISION Questions about the ReVISION Process</p> <p><b>How Many:</b> 456 participants</p>	<p><b>Community Workshop 3</b></p> <p><b>When:</b> October 9, 2017, 6-8pm <b>Where:</b> Goldy S. Lewis Community Center in Central Park</p> <p><b>Why:</b> Community workshop to solicit input as to the Community's desired prioritized park elements. Introduction and history of the Master Plan Development, purpose, process, opportunities/constraints, previously developed consensus items, web survey results, and consensus program refinements.</p> <p><b>Topics:</b> What are the Top 5 Recreation Facilities Needed What are the Top 5 Recreation Programs Needed</p> <p><b>How:</b> Individual - Group Review <b>How Many:</b> 8 groups / 60+ participants</p>	<p><b>Facebook Live</b></p> <p><b>When:</b> October 19, 2017 3pm <b>Where:</b> Facebook Live Video</p> <p><b>Why:</b> Community outreach to solicit and respond to "live" questions regarding the Master Plan Development, purpose, process, survey results, developed consensus items, and prioritized park elements.</p> <p><b>How Many:</b> 19,400+ people reached, 15,900+ video views 180+ reactions, comments &amp; shares 546 post clicks 5,900+ minutes of video watched</p>	<p><b>City Council Meeting</b></p> <p><b>When:</b> February 7, 2018 <b>Where:</b> City Hall <b>Why:</b> To review Draft Master Plan, community outreach, and begin environmental study.</p>
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2017      JUNE      JULY      AUGUST      SETPEMBER      OCTOBER      NOVEMBER-JANUARY      FEBRUARY      2018

<p><b>Joint Commission/Council Mtg</b></p> <p><b>When:</b> July 31, 2017 <b>Where:</b> Cultural Center <b>Why:</b> To review history of Central Park planning efforts and solicit planning ideas and direction from both Commission and Council.</p>	<p><b>Community Workshop 1</b></p> <p><b>When:</b> August 15, 2017 6-8pm <b>Where:</b> Goldy S. Lewis Community Center in Central Park</p> <p><b>Why:</b> Community workshop to solicit input as to the Community's likes, dislikes, and issues for the park's development going forward. Introduction and history of the Master Plan Development, purpose, process, opportunities/constraints.</p> <p><b>Topics:</b> Like the Most Like the Least Key Issues / Concerns</p> <p><b>How:</b> Individual / Group Responses Group Presentations Consensus Summary</p> <p><b>How Many:</b> 7 groups/ 80+ participants</p>	<p><b>Flash Vote Survey 2</b></p> <p><b>When:</b> September 13, 2017 <b>Where:</b> Online Flash Vote</p> <p><b>Why:</b> Online web survey to solicit responses from community members on their views and attitudes to the previous park elements and potential recommendations for additional program elements.</p> <p><b>Topics:</b> Do you visit Central Park? What did you know about Central Park prior to reading the survey? How do you expect to give your input, if at all, as part of the reVISION process? Which methods do you use to get information about city projects and events? Additional comments</p> <p><b>How Many:</b> 568 local participants</p>	<p><b>Community Workshop 2</b></p> <p><b>When:</b> September 19, 2017 6-8pm <b>Where:</b> Goldy S. Lewis Community Center in Central Park</p> <p><b>Why:</b> Community workshop to solicit input as to the Community's desire for potential modifications to park programming. Introduction and history of the Master Plan Developed consensus items, web survey results and potential program refinements.</p> <p><b>Topics:</b> How do you envision what the identified amenities look like?</p> <p><b>How:</b> Dot Exercise Dot Review / Comment Cards</p> <p><b>How Many:</b> 50+ participants</p>	<p><b>ESRI 123 Online Survey 2</b></p> <p><b>When:</b> October 19-Nov 1, 2017 <b>Where:</b> Online</p> <p><b>Why:</b> 2nd Online survey distributed by the City in collaboration with RJM Design to solicit community engagement and feedback from citizens for what they would like to see in Central Park when funding for the Master Plan becomes available.</p> <p><b>Topics:</b> Describe your ideal Central Park Preferred Facilities and Ranking Preferred Programs and Ranking Usage of Pacific Electric Trail How do you get to Central Park Funding Options Additional Comments</p> <p><b>How Many:</b> 553 participants</p>	<p><b>RC Reach Out</b></p> <p><b>When:</b> February 26, 2018 <b>Where:</b> Central Park/Community Senior Center</p> <p><b>Why:</b> To share Draft Master Plan with community illustrating their efforts, ideas, and concerns that went into the Master Plan.</p>
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## OUTREACH SUMMARY

What did we hear? Multiple methods were employed to maximize the community input. Online surveys, Community Workshops, and a Live Facebook broadcast event were held to solicit community feedback on the development of the Central Park Master Plan. Throughout the process, program and park elements were recorded in each of the outreach tools. The following is a summary of the data collected and what elements we heard most often among all of the tools.

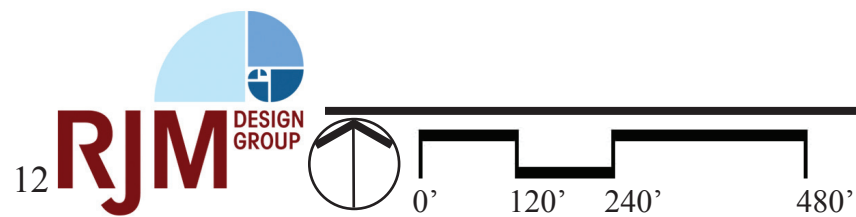




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## SITE PLAN (MASTER PLAN)

The Central Park Master Plan incorporates the ideas compiled in an extensive community outreach process. The plan focuses on the remaining, undeveloped 70 acres of land located west of the Phase 1 Senior and Community Centers at Central Park. The Master Plan is composed of recreation areas and elements that relate to the existing open drainage channel spine and is anchored by the Senior and Community Centers to the east and the proposed Recreation Pool, Multi-Purpose Facility, and Tennis Courts to the west. The park will provide a variety of both active and passive zones and uses for groups of all ages. The Universal Accessible Playground will provide access to opportunity for people of all ages and abilities to promote play, physical activity, sociability, and learning. The Adventure Area will promote a unique outdoor experience for personal physical development, leadership, and team building. The core of the park features the “Great Lawn”, Viticulture Pavilion and Amphitheater, creating a flexible park area for large community event gatherings and celebrations.



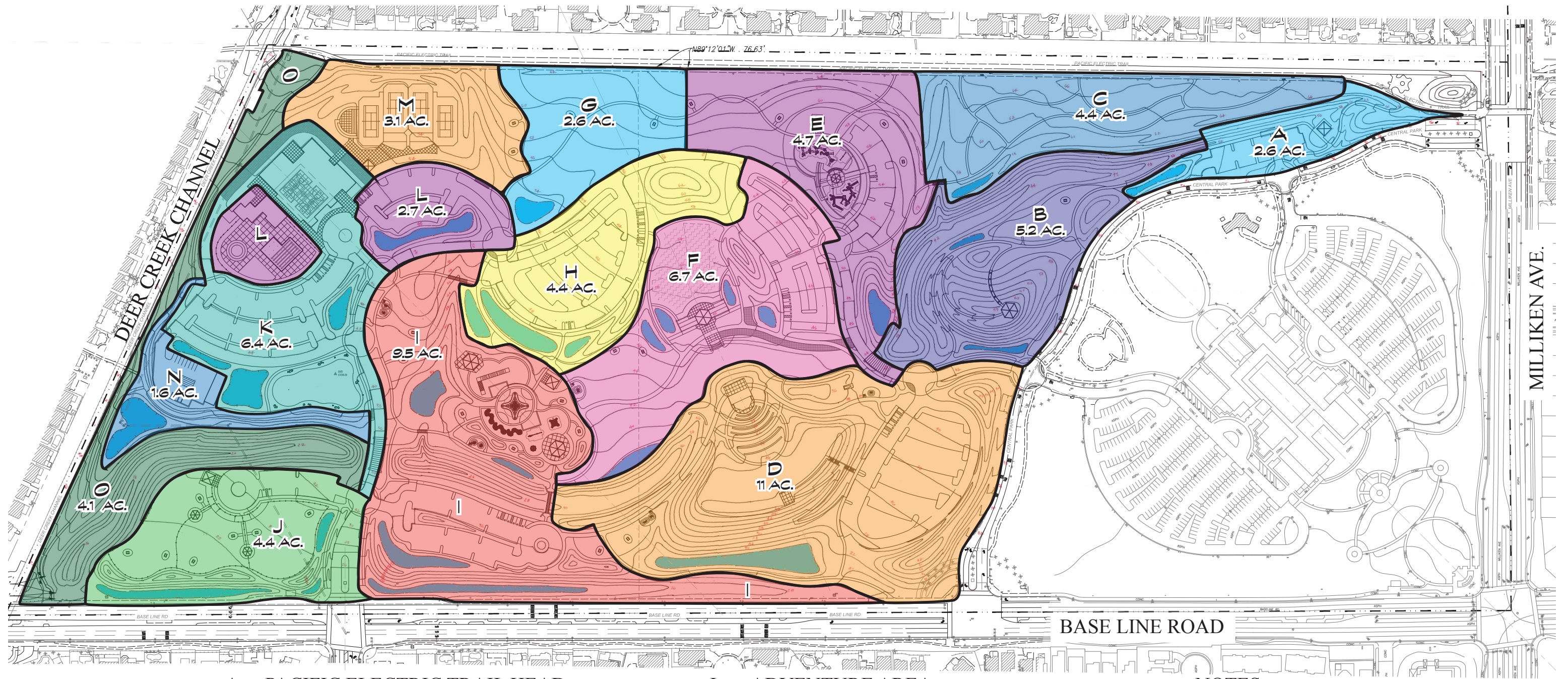


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## PHASING PLAN WITH ACREAGE

In 2005, the City of Rancho Cucamonga dedicated the first Phase of Rancho Cucamonga Central Park, which is located in the eastern portion of the site. Phase 1 includes 29 acres of beautifully landscaped parkland and a 57,000 square foot state of the art Senior and Community Center.

The Master Plan for the remaining +/- 70 acres Central Park site identifies proposed phasing of implementation with “smaller 3 to 10 acre parcels”. The smaller parcel sizes will allow the City flexibility to develop portions of the park as funds become available. The suggested phase order does not represent the sequence of improvements and sub-phases may occur within each of the identified phase. Sequence of phasing will need to consider grading (cut and fill), utility services and roadway infrastructure, programming and priorities and ongoing operation and maintenance costs.



- |  |                                       |
|--|---------------------------------------|
| A. PACIFIC ELECTRIC TRAIL HEAD               | I. ADVENTURE AREA                     |
| B. TERRACED GARDENS                          | PARKING AND EVENT / PICNIC AREA       |
| C. WATER CONSERVATION / DEMONSTRATION GARDEN | J. DOG PARK                           |
| D. AMPHITHEATER                              | K. MULTI-PURPOSE FACILITY AND PARKING |
| E. UNIVERSAL ACCESSIBLE PLAYGROUND           | L. RECREATION POOL                    |
| F. VITICULTURE PAVILION                      | M. TENNIS COURTS                      |
| G. UPPER PICNIC AREA AND EVENT AREA          | N. MAINTENANCE YARD                   |
| H. EVENT PARKING AREA                        | O. DEER CREEK CHANNEL TRAIL           |

**NOTES:**  
 1. Phase order does not represent actual sequence of areas for improvement.  
 2. Sub-phasing of improvements may occur within each identified phase.





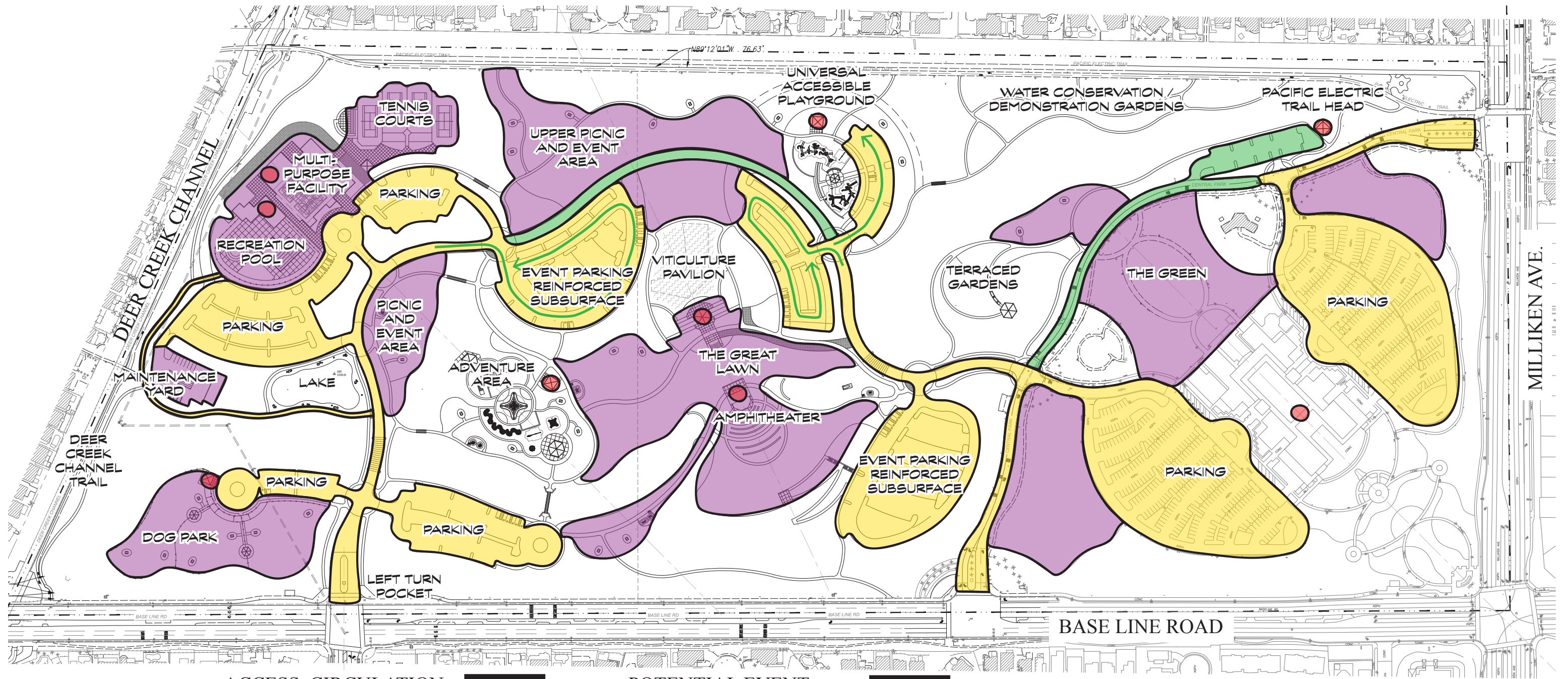
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## EVENT AREAS

Central Park will be home to a wide variety of community events and celebrations hosted by the City or private / corporate / individual groups and partnerships. The park will have the flexibility of holding a number of different events simultaneously with the capability of separating event areas in order to control traffic and crowds.

Event Parking areas will accommodate overflow parking needs during such events, and can be used as large open space passive areas during normal non-event park hours.

- Summer Concerts in the Park
- Summer Movies in the Park
- Street Fairs
- Bike / Foot Race



ACCESS, CIRCULATION,  
EVENT AREA PARKING



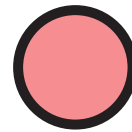
POTENTIAL EVENT  
AREA (ROADWAY  
CLOSURE)



EVENT AREA



RESTROOMS





## TRAIL ROUTES

The Central Park loop trail system will provide opportunities for the community to participate in physical activity promoting the health and well-being of residents and visitors alike.

Multiple trail routes are identified at distances of 1K, 3K and 5K. The routes will have signs to differentiate each trail loop with milestone markers to provide the casual jogger/walker and runner with a pacing system. Each route is designed to minimize roadway crossing, providing continuous, uninterrupted experiences.

- **1 Kilometer Routes**

Three separate 1K loop fun runs are located in three distinct areas of Central Park – Multi-Purpose Facility, Great Lawn and Adventure Area, and Senior / Community Center

- “Sports Run” starts and finishes at the lawn area across from the Multi-Purpose Facility.
- “Vineyard Run” starts and finishes at the Great Lawn south of the Viticulture Pavilion and loops around the Adventure Area and the Picnic and Event Area. This route is considered the Fitness Course with five exercise stations located along the trail.
- “Community Run” encircles the senior center and community center which starts and finishes at the Oval Green.

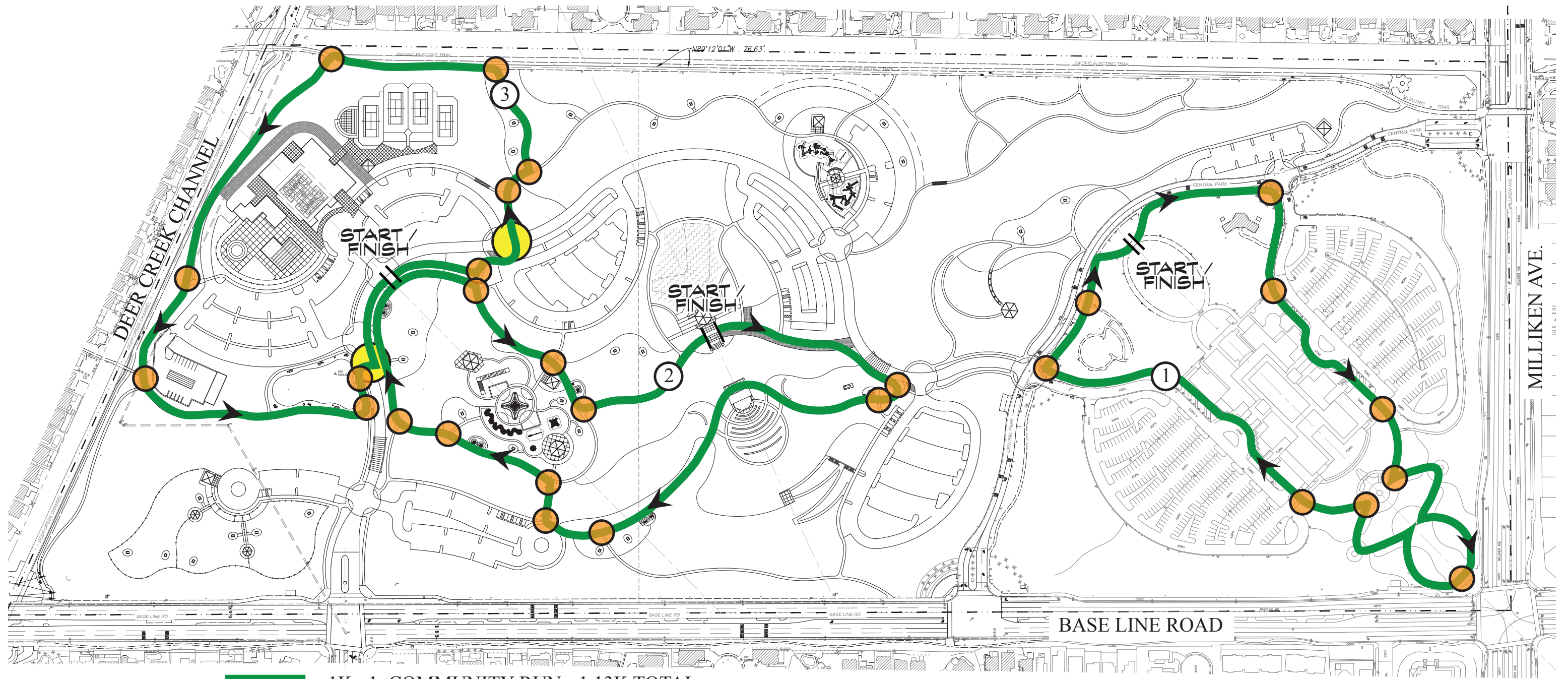
- **3 Kilometer Routes**

“Central Park Run” starts and finishes at the Great Lawn and follows the perimeter of the park along Base Line Road, Milliken Avenue, Pacific Electric Trail, and Deer Creek Channel.

- **5 Kilometer Routes**

“Grand Central Park Tour” provides a tour of all the park amenities, where the “tour” begins at the Great Lawn. The route follows the perimeter of the park and intertwines through the interior of Central Park and finishing back at the Great Lawn.

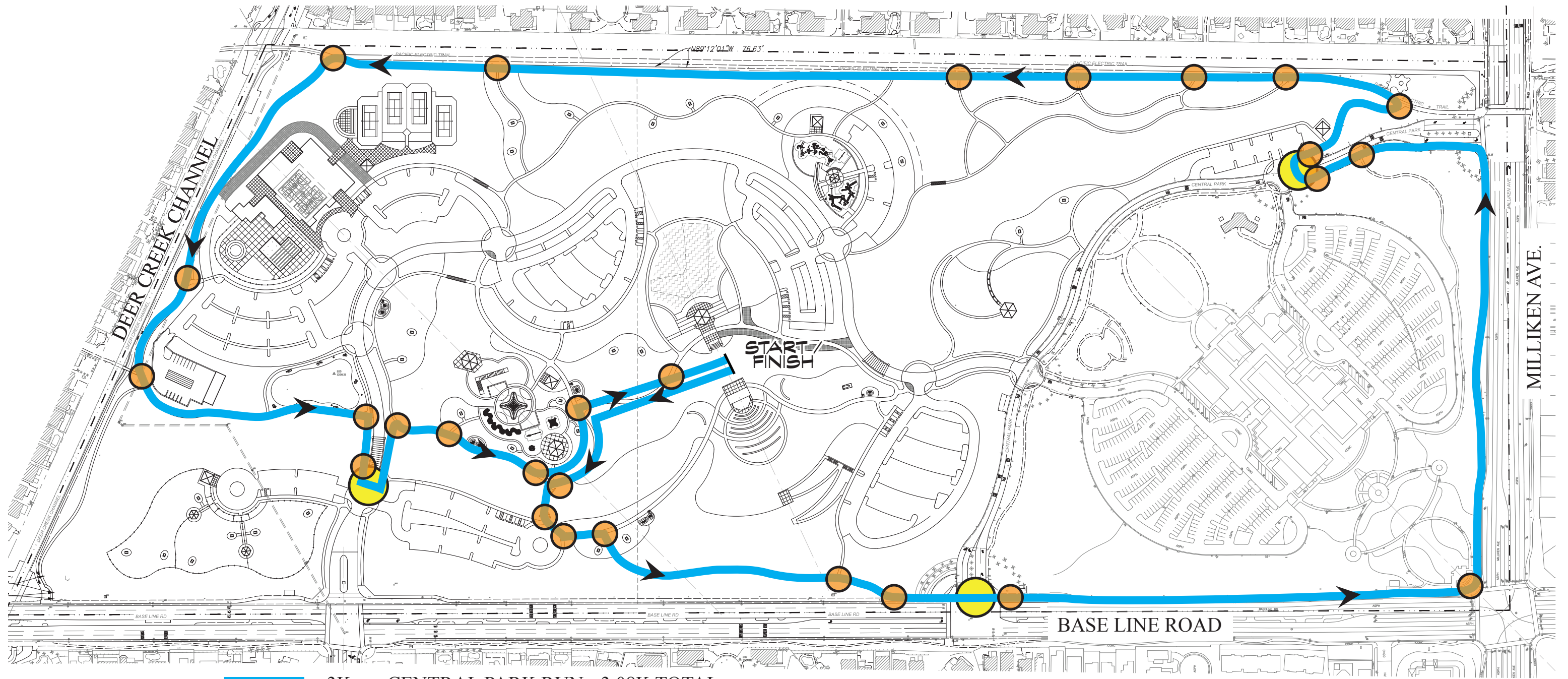
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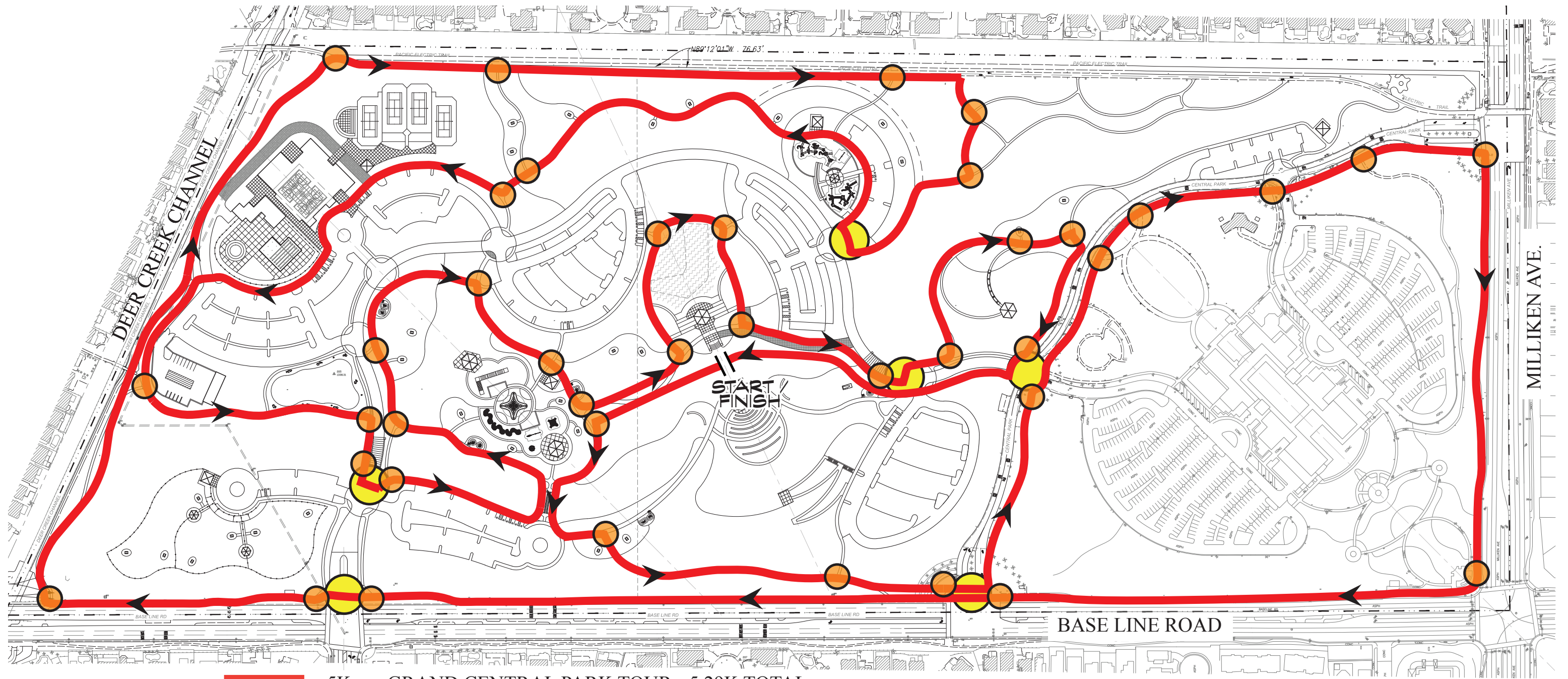
-  1K 1- COMMUNITY RUN - 1.13K TOTAL
- 2- VINEYARD RUN - 1.09K TOTAL
- 3- SPORTS RUN - 1.07K TOTAL

 TRAIL CROSSING AT INTERSECTION OR PARKING LOT

 TRAIL ROUTE MARKERS - PORCELAIN, BRONZE OR PECAST IN GROUND MARKERS



- 3K CENTRAL PARK RUN - 3.08K TOTAL
- TRAIL CROSSING AT INTERSECTION OR PARKING LOT
- TRAIL ROUTE MARKERS - PORCELAIN, BRONZE OR PECAST IN GROUND MARKERS



 5K GRAND CENTRAL PARK TOUR - 5.29K TOTAL

 TRAIL CROSSING AT INTERSECTION OR PARKING LOT

 TRAIL ROUTE MARKERS - PORCELAIN, BRONZE OR PECAST IN GROUND MARKERS OR CITY OPERATED ROUTE MARKERS FOR ORGANIZED EVENTS



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## SITE UTILITIES

The utilities have been compiled based on existing and proposed information available from the utility companies. The Master Plan includes the design of sewer, water, storm drain, electric, gas, telephone, data and cable TV, as well their impacts on the project.

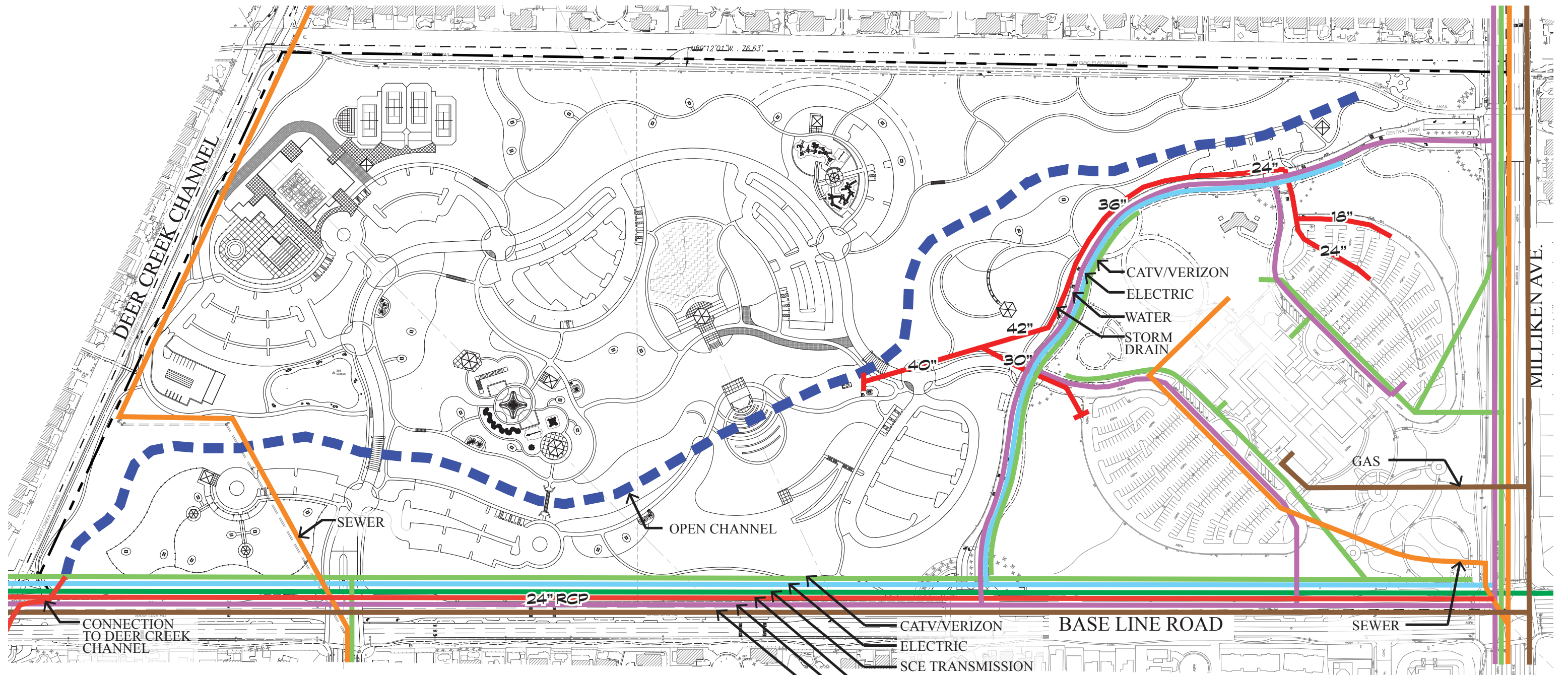
Electric Services will be provided by SCE or RCMU (if available). On the north side of Base Line Road, exists an underground Edison transmission line (66KV) and distribution line which provides electric service for Phase 1 at Central Park Drive and Base Line Road. The distribution line that runs parallel can service subsequent phases of park development, including the Recreation Pool, Tennis Courts and the Multi-Purpose Facility. Electric service will be available at Spruce Avenue and Base Line Road.

Telephone, gas and cable TV exist along Base Line Road as well, and will be utilized to service the future development phases.

The pick-up points for subsequent phases for electric, telephone, gas and cable TV are located at the northeast corner of Base Line Road and Spruce Avenue. Across the intersection at the southwest corner is the connection point for fiber.

In order to reduce construction cost a joint on-site dry utility trench will be located along Central Park Drive, directly behind the curb which will include electrical, cable, telephone, fiber and gas.

The joint utility trench will tie into the phase development, north of the Senior Center. From this main trench, lateral utility trenches will service the Viticulture Pavilion and Amphitheater, Multi-Purpose Facility, Recreation Pool and Tennis Courts, and Maintenance Yard. Facilities directly adjacent to one another will be split in order to accommodate phased development.



- OPEN DRAINAGE CHANNEL
- STORM DRAIN
- WATER
- SEWER
- SCE TRANSMISSION AND DISTRIBUTION
- CATV / VERIZON
- GAS
- ELECTRIC

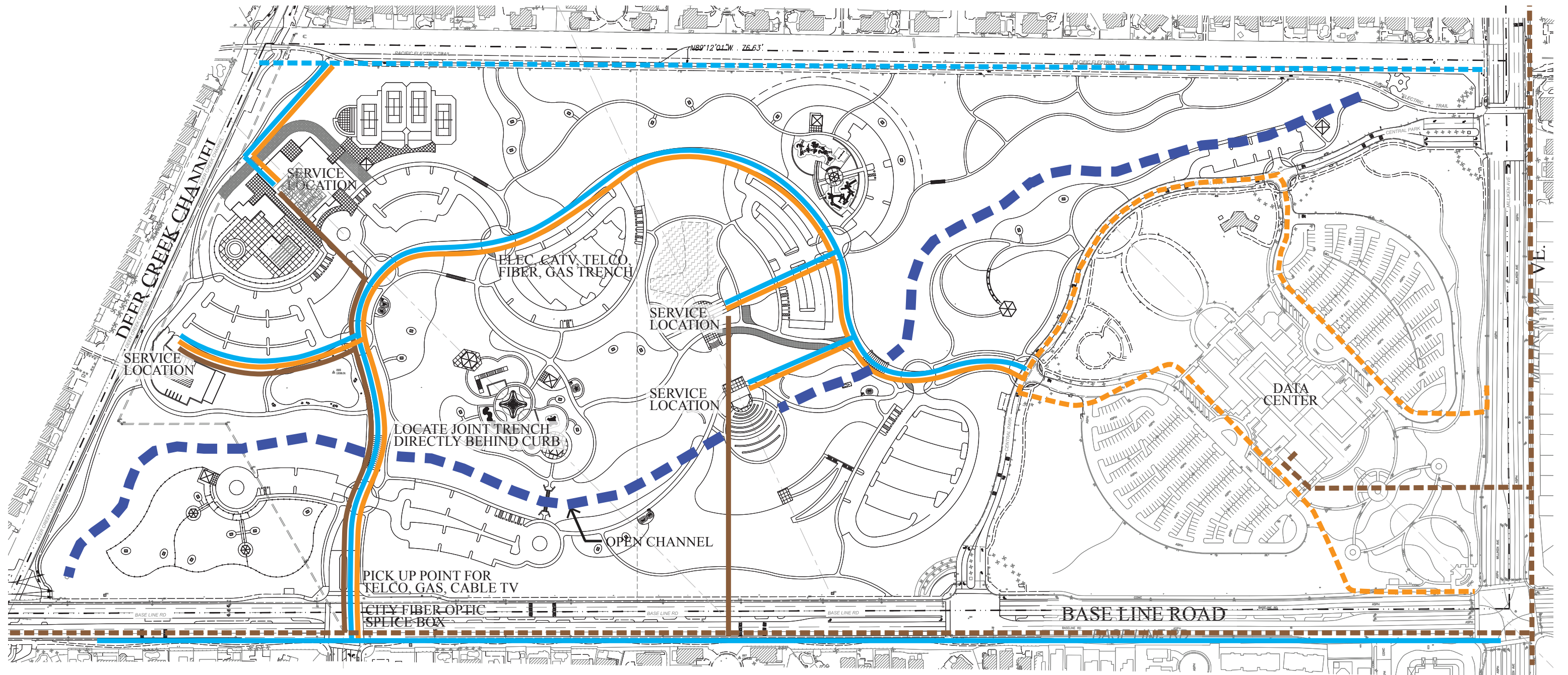
22 **RJM** DESIGN GROUP

EXISTING SITE UTILITIES

## CENTRAL PARK MASTER PLAN UPDATE

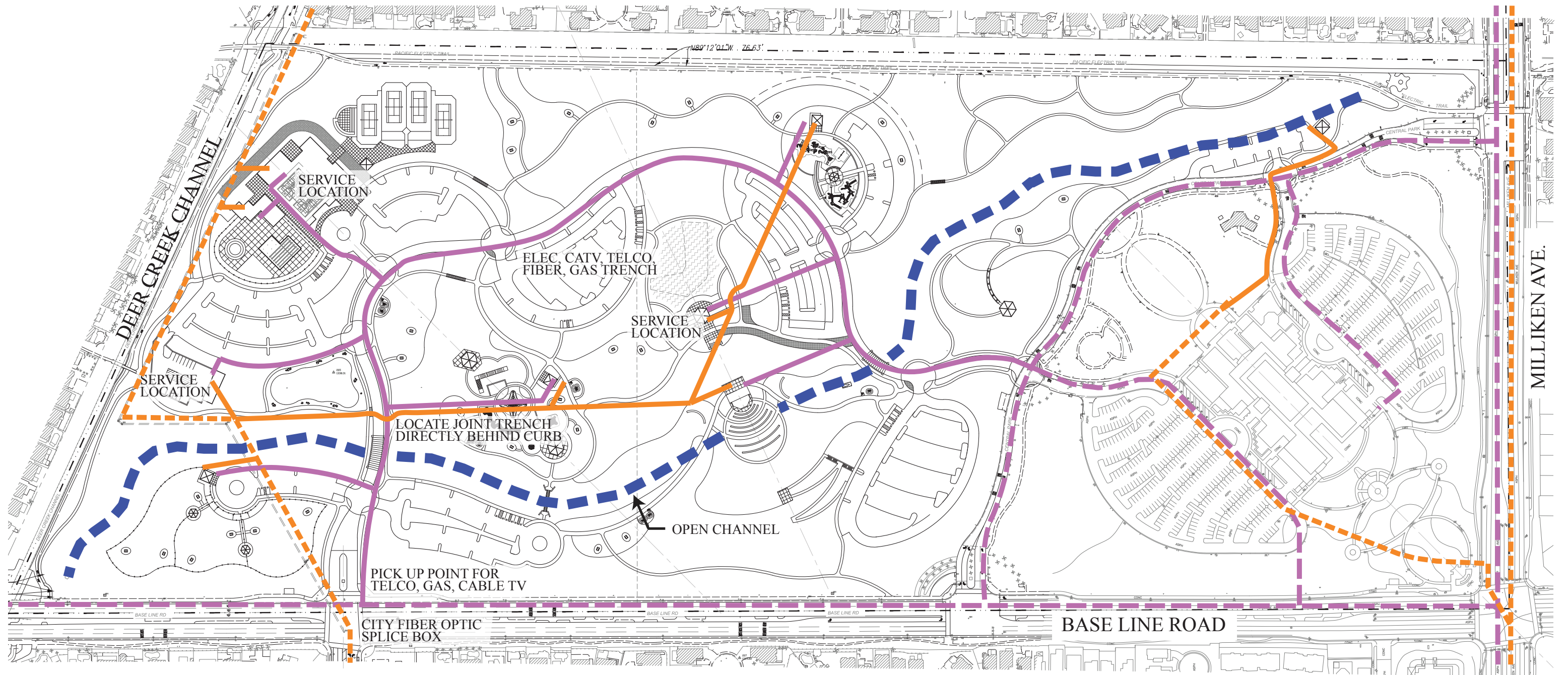
CITY OF RANCHO CUCAMONGA, CALIFORNIA





- PROPOSED CITY FIBER
- - - - EXISTING CITY FIBER
- PROPOSED JOINT TRENCH
- - - - EXISTING JOINT TRENCH
- PROPOSED GAS
- - - - EXISTING GAS
- - - - OPEN CHANNEL

NOTE: ALL JOINT TRENCHES SHOULD HAVE FIBER TO ALLOW FOR DISTRIBUTION THROUGH-OUT THE SITE TO SERVE CAMERAS AND OTHER DEVICES AND EQUIPMENT.



- PROPOSED WATER (8" RECYCLED, PURPLE PIPE)
- EXISTING WATER
- PROPOSED SEWER
- EXISTING SEWER



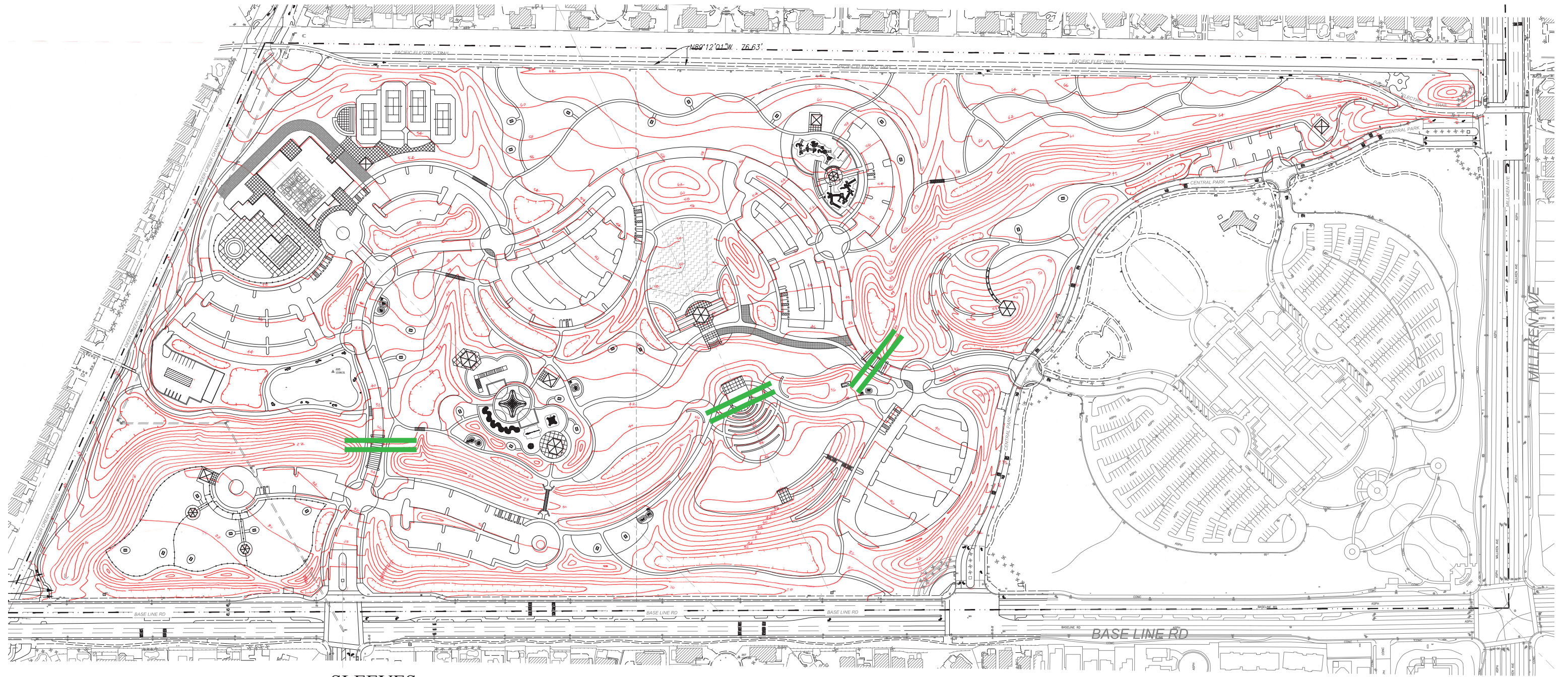
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## GRADING MASTER PLAN

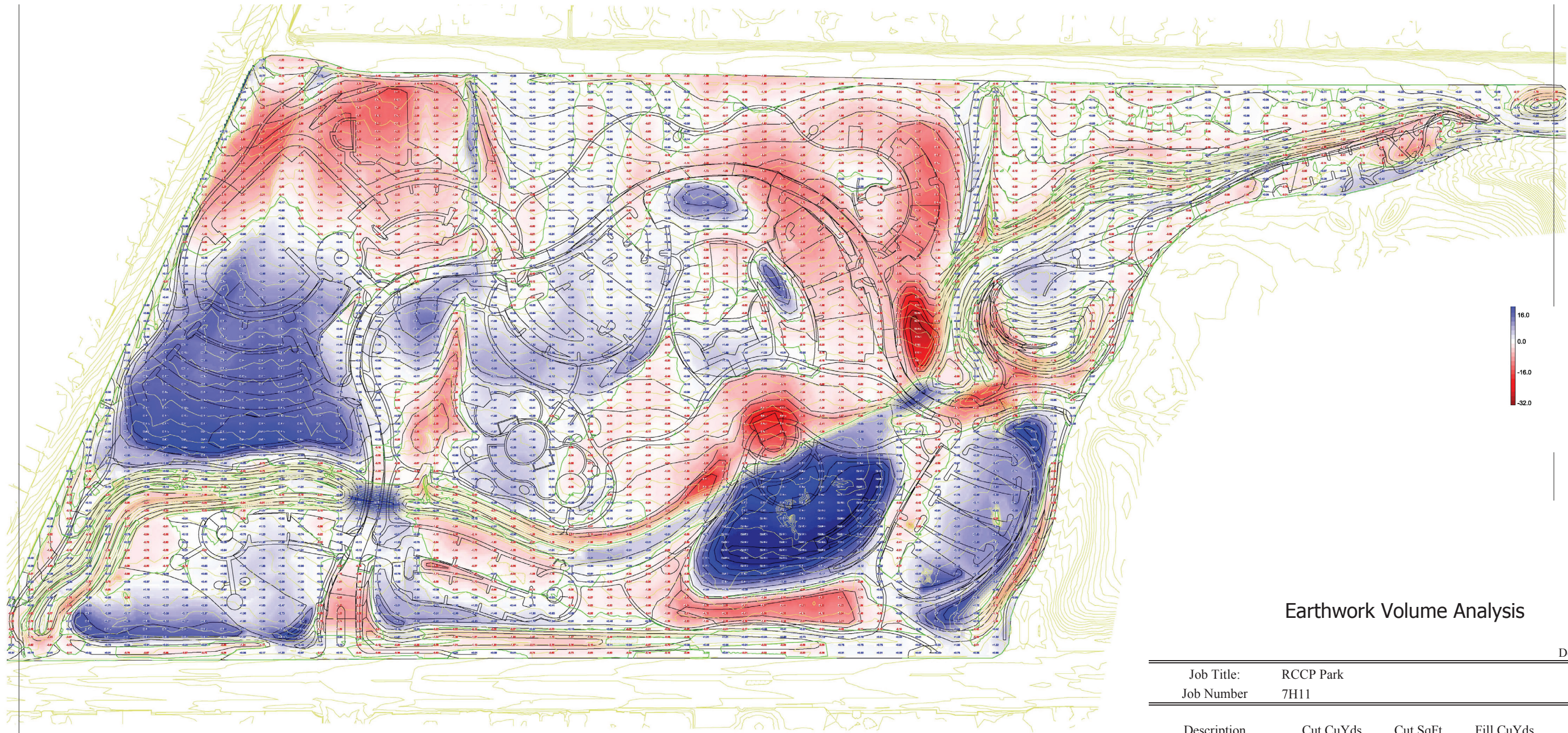
Detailed grading studies and cut and fill calculations have been developed to generate the final Master Plan grading concept. The Grading Master Plan indicates a shortage of fill, in particular the parking area at the Multi-Purpose Facility and Amphitheater. The shortage may be mitigated by increase of cut soil along the northern property edge of the site or import of soils from other private developer projects within the City needing to export soil. However, any soil brought on-site should be tested and evaluated prior to use.

Preliminary grading studies have been prepared to include the entire park site with consideration to the existing Senior and Community Center in Phase 1. The grading will incorporate best management practices for treatment of storm water runoff to include; bioretention basins to be located within each proposed phase of development.





——— SLEEVES  
——— PROPOSED GRADES



### Earthwork Volume Analysis

December 6, 2017

Job Title:	RCCP Park			
Job Number:	7H11			

Description	Cut CuYds	Cut SqFt	Fill CuYds	Fill SqFt
Mass Excavation	81,200	1,510,652	134,366	1,681,179
			Import	53,167 CY
			Total Area	3,191,842 SF
				73.27 Acres

Volume Change Per 0.10ft: 11,821 CY

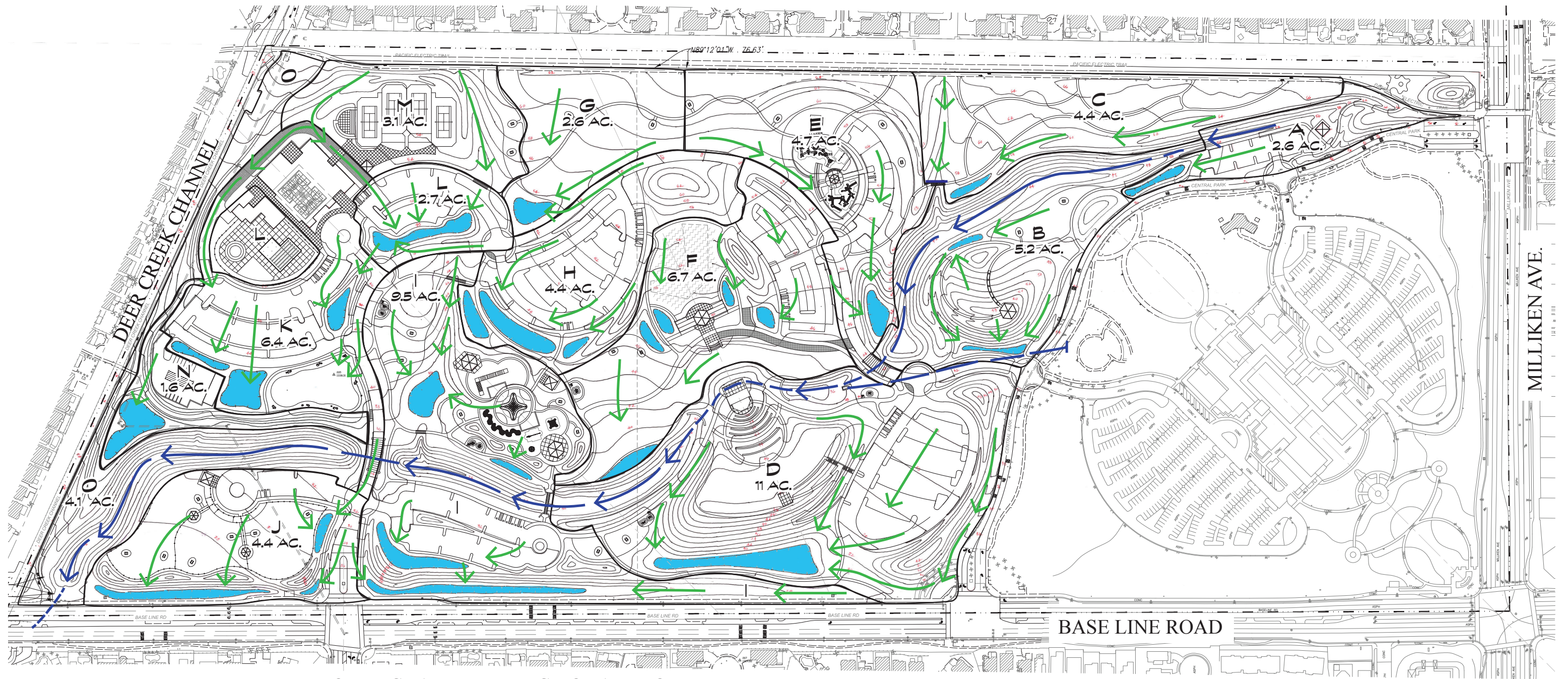
THE DATA AND INFORMATION PRESENTED HEREIN HAVE BEEN PRODUCED CONSISTANT WITH INDUSTRY STANDARDS, BY OPERATORS EXERCISING REASONABLE SKILL AND CARE. THIS DATA AND INFORMATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO GUARANTEE OR WARRANTY EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO THE ACCURACY OF THIS DATA OR INFORMATION. IN NO EVENT WILL EARTHWORK CALCULATION SERVICES BE LIABLE FOR ANY LOSS OF PROFIT OR ANY OTHER COMMERCIAL DAMAGE INCLUDING BUT NOT LIMITED TO SPECIAL, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES RESULTING FROM THE USE OF THIS INFORMATION OR DATA.






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## PRELIMINARY WATER QUALITY PLAN

Bioretention basins are shallow, vegetated, depressed basins which function to collect, store and treat storm water runoff. The basin is designed to incorporate an engineered soil media to assist in plant uptake of pollutants. The bioretention basin allows infiltration to the extent the on-site soil and engineered soil media can accommodate. When the infiltration rate of the underlying soil is exceeded, the treated flows are discharged through an underdrain system. Each proposed phase of construction is designed with its own bioretention facility, sized according to the required treatment volume as determined by the current WQMP.

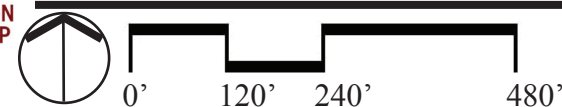


-  OPEN CHANNEL DIRECTIONAL FLOW
-  PHASED DIRECTIONAL FLOW
-  BIORETENTION BASINS



	Phase A	Phase B	Phase C	Phase D	Phase E	Phase F	Phase G	Phase H	Phase I	Phase J	Phase K	Phase L	Phase M	Phase N	Phase O	Total
Area	79532	225462	192086	481562	206397	291723	113947	191694	412364	190847	284955	116531	134210	19266	225103	3165679
Impervious Area	22716	15019	0	115523	29506	94702	3977	95479	79500	45569	155327	72690	40175	16100	0	786283
Pervious Area	56816	210443	192086	366039	176891	197021	109970	96215	332864	145278	129628	43841	94035	3166	225103	2379396
% Impervious	28.6%	6.7%	0.0%	24.0%	14.3%	32.5%	3.5%	49.8%	19.3%	23.9%	54.5%	62.4%	29.9%	83.6%	0.0%	24.8%
AMC	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
Soil Group	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Longest Flow Path																
Longest Flow Path Slope																
Current Land Cover (open brush -fair)	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
Pre-developed pervious area condition	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair
Receiving Waters	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel	Cucamonga Channel (via Deer Creek Channel)
Applicable TMDLs	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Bacterial Indicator/Pathogens (Cucamonga Channel, Reach 1)
303(d) listed impairments	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ESA	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Unlined downstream water bodies	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Runoff Coefficient (Rc)	0.217	0.088	0.040	0.193	0.137	0.238	0.066	0.338	0.166	0.192	0.369	0.428	0.225	0.643	0.040	0.197
P(2yr-1hr) (inches)	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628	0.628
P6 (inches)	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930
DCV (cubic feet)	2630	3030	1169	14111	4308	10580	1146	9857	10436	5574	15999	7579	4590	1884	1370	94994
Land cover (post)	Pacific Electric Trail Head	Terraced Gardens	Water Conservation/Demonstration Garden	Amphitheater	Universal Accessible Garden	Vineyard	Upper Picnic Area and Event Area	Event Parking Area	Adventure/Ropes Challenge, Parking	Dog Park	Gymnasium and Parking	Aquatics Recreation Facility	Tennis Courts	Maintenance Yard	Deer Creek Channel Trail	Central Park
CN (post)	56	39	39	54	47	58	39	68	51	53	70	75	57	89	39	54
S (pre-dev)	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Ia (pre-dev)	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
S (post-dev)	7.9	15.6	15.6	8.5	11.3	7.2	15.6	4.7	9.6	8.9	4.3	3.3	7.5	1.2	15.6	8.5
Ia (post)	1.57	3.13	3.13	1.70	2.26	1.45	3.13	0.94	1.92	1.77	0.86	0.67	1.51	0.25	3.13	1.70
2-yr, 24-hour storm	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33
Volume (pre-dev)	503	1425	1214	3043	1304	1843	720	1211	2606	1206	1801	736	848	122	1422	20005
Volume (post-dev)	2132	48	41	10462	1608	9435	24	12849	6188	3696	21485	11487	3961	3533	48	68777
Hydromod. Volume	1629	0	0	7419	304	7592	0	11637	3582	2490	19684	10750	3113	3411	0	48772
Hydromod. Req'd	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	NO	YES
Estimated Treatment Basin Surface Area Required (sq.ft.) *	1762	2030	783	9454	2886	7088	768	7797	6992	3735	13189	7203	3075	2286	N/A - non-priority [<5,000 sf of impervious area]	

\* Assumes BMP is a bioretention area with underdrain, 0.5-foot ponding depth, 48 hour drawdown time



PRELIMINARY WATER QUALITY CALCULATIONS  
**CENTRAL PARK MASTER PLAN UPDATE**  
 CITY OF RANCHO CUCAMONGA, CALIFORNIA



reVISION  N  
CENTRAL  
P A R K  
RANCHO CUCAMONGA

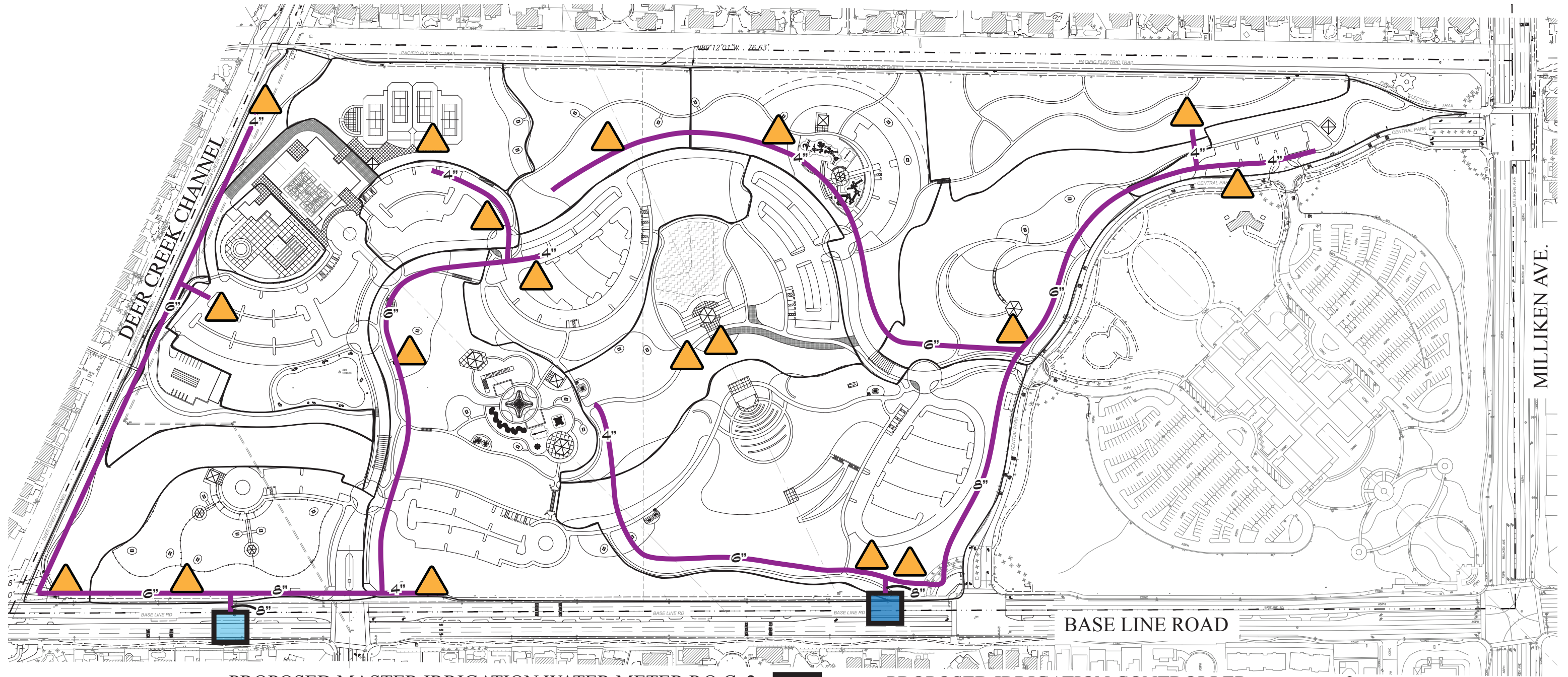


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## LANDSCAPE IRRIGATION MASTER PLAN

The following represents the back bone irrigation system for the Master Plan Update to include water demand calculations, water use calculations, water pressure calculations, proposed 'point of connection' locations for water and electrical power, proposed Master mainline routing with secondary point of connections for irrigation system, descriptions of proposed irrigation methods for both the permanent and any temporary irrigated areas.

The irrigation system will be designed for future reclaimed water. The irrigation design will require water use allocation calculations and programming parameters per the state model water efficient ordinance, AB 1881.



PROPOSED MASTER IRRIGATION WATER METER P.O.C. 2  
 4" METER W/6" SERVICE  
 437 GPM ESTIMATED DEMAND



PROPOSED IRRIGATION CONTROLLER  
 120V ELECTRICAL CONNECTION REQUIRED



PROPOSED MASTER IRRIGATION WATER METER P.O.C. 3  
 4" METER W/6" SERVICE  
 323 GPM ESTIMATED DEMAND



PROPOSED IRRIGATION MAINLINE  
 4"-8" CL 200PVC, SIZE AS SHOWN



PHASING SEPARATION LINE



# Water Demand Calculation

PROJECT: Rancho Cucamonga Center Park Phases A-G

METER ID: 2

## Design Criteria:

Variables	Description	Value	Site Information	Value	Unit
A =	Total irrigated area in acres	28.12	Total irrigated area	1,224,946	Sq. Ft.
I =	Inches per week required	1.50	Maximum monthly Eto.	7.90	Inches
SF =	Safety factor (1 + % of factor)	1.10	Irrigation efficiency	0.75	%
H =	Hours per irrigation day of operation	8	Plant factor	0.61	%
D =	Days of irrigation per week	6			

60 = 60 Minutes per hour  
 27,154 = Gallons of water per acre inch

## Standard Calculation for Water Demand:

$$\text{Water Demand} = \frac{27,154 \times A \times I \times SF}{60 \times D \times H}$$

## Water Demand calculation for Project:

$$\text{Water Demand} = \frac{27,154 \times 28.12 \times 1.50 \times 1.10}{60 \times 6 \times 8}$$

Water Demand = 437 GPM

Estimated Water Meter Size* =	4.0	INCH
Proposed Meter Type* =	HP Turbine	

\* VERIFY AVAILABILITY AND USE WITH MUNICIPALITY OR WATER PURVEYOR

2015 MWELO WATER EFFICIENT LANDSCAPE WORKSHEET - POC #2, Phases A-G							
Reference Evapotranspiration (Eto):				55.7			
Hydrozone # /Planting Description <sup>a</sup>	Plant Factor (PF)	Irrigation Method <sup>b</sup>	Irrigation Efficiency (IE) <sup>c</sup>	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Total Water Use (ETWU) <sup>d</sup>
<b>Regular Landscape Areas</b>							
#1 Low	0.2	Rotary	0.75	0.27	378,834	101,022.40	3,488,707.56
#2 Med	0.4	Rotor/Drip	0.75	0.53	430,009	229,338.13	7,919,963.10
					Totals	808,843	330,360.53
<b>Special Landscape Areas</b>							
#3 High				1	416,103	416,103.00	14,369,701.00
					Totals	416,103	416,103.00
						ETWU Total	25,778,371.66
						Maximum Allowed Water Allowance (MAWA) <sup>e</sup>	26,939,363.87
<sup>a</sup> Refer to legend for Hydrozone description.							
<sup>d</sup> ETWU (Annual Gallons Required) = Eto x 0.62 x ETAF x Area where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.							
<sup>e</sup> MAWA (Annual Gallons Allowed) = (Eto) ( 0.62) [( ETAF x LA) + ((1-ETAF) x SLA)] where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.							
<b>ETAF Calculations</b>							
Regular Landscape Areas							
Total ETAF x Area	330,361						
Total Area	808,843						
Average ETAF	0.41						
All Landscape Areas Including SLA							
Total ETAF x Area	746,463.53						
Total Area	1,224,946						
Sitewide ETAF	0.61						

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.



# Water Demand Calculation

PROJECT: Rancho Cucamonga Center Park Phases H-O

METER ID: 3

## Design Criteria:

Variables	Description	Value	Site Information	Value	Unit
A =	Total irrigated area in acres	22.62	Total irrigated area	985,512	Sq. Ft.
I =	Inches per week required	1.38	Maximum monthly Eto.	7.90	Inches
SF =	Safety factor (1 + % of factor)	1.10	Irrigation efficiency	0.75	%
H =	Hours per irrigation day of operation	8	Plant factor	0.56	%
D =	Days of irrigation per week	6			

60 = 60 Minutes per hour  
27,154 = Gallons of water per acre inch

## Standard Calculation for Water Demand:

$$\text{Water Demand} = \frac{27,154 \times A \times I \times SF}{60 \times D \times H}$$

## Water Demand calculation for Project:

$$\text{Water Demand} = \frac{27,154 \times 22.62 \times 1.38 \times 1.10}{60 \times 6 \times 8}$$

Water Demand = 323 GPM

Estimated Water Meter Size* =	4.0	INCH
Proposed Meter Type* =	HP Turbine	

\* VERIFY AVAILABILITY AND USE WITH MUNICIPALITY OR WATER PURVEYOR

2015 MWELO WATER EFFICIENT LANDSCAPE WORKSHEET - POC #3, Phases H-O							
Reference Evapotranspiration (ETo):				55.7			
Hydrozone # /Planting Description <sup>a</sup>	Plant Factor (PF)	Irrigation Method <sup>b</sup>	Irrigation Efficiency (IE) <sup>c</sup>	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Total Water Use (ETWU) <sup>d</sup>
<b>Regular Landscape Areas</b>							
#1 Low	0.2	Rotary	0.75	0.27	272,312	72,616.53	2,507,739.36
#2 Med	0.4	Rotor/Drip	0.75	0.53	492,607	262,723.73	9,072,901.41
					Totals	764,919	335,340.27
<b>Special Landscape Areas</b>							
#3 High				1	220,593	220,593.00	7,617,958.66
					Totals	220,593	220,593.00
						ETWU Total	19,198,599.43
						Maximum Allowed Water Allowance (MAWA) <sup>e</sup>	19,505,029.40

<sup>a</sup> Refer to legend for Hydrozone description.

<sup>d</sup> ETWU (Annual Gallons Required) = Eto x 0.62 x ETAF x Area  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.

<sup>e</sup> MAWA (Annual Gallons Allowed) = (Eto) ( 0.62) [ (ETAF x LA) + ((1-ETAF) x SLA)]  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

**ETAF Calculations**

Regular Landscape Areas	
Total ETAF x Area	335,340
Total Area	764,919
Average ETAF	0.44

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas Including SLA	
Total ETAF x Area	555,933.27
Total Area	985,512
Sitewide ETAF	0.56

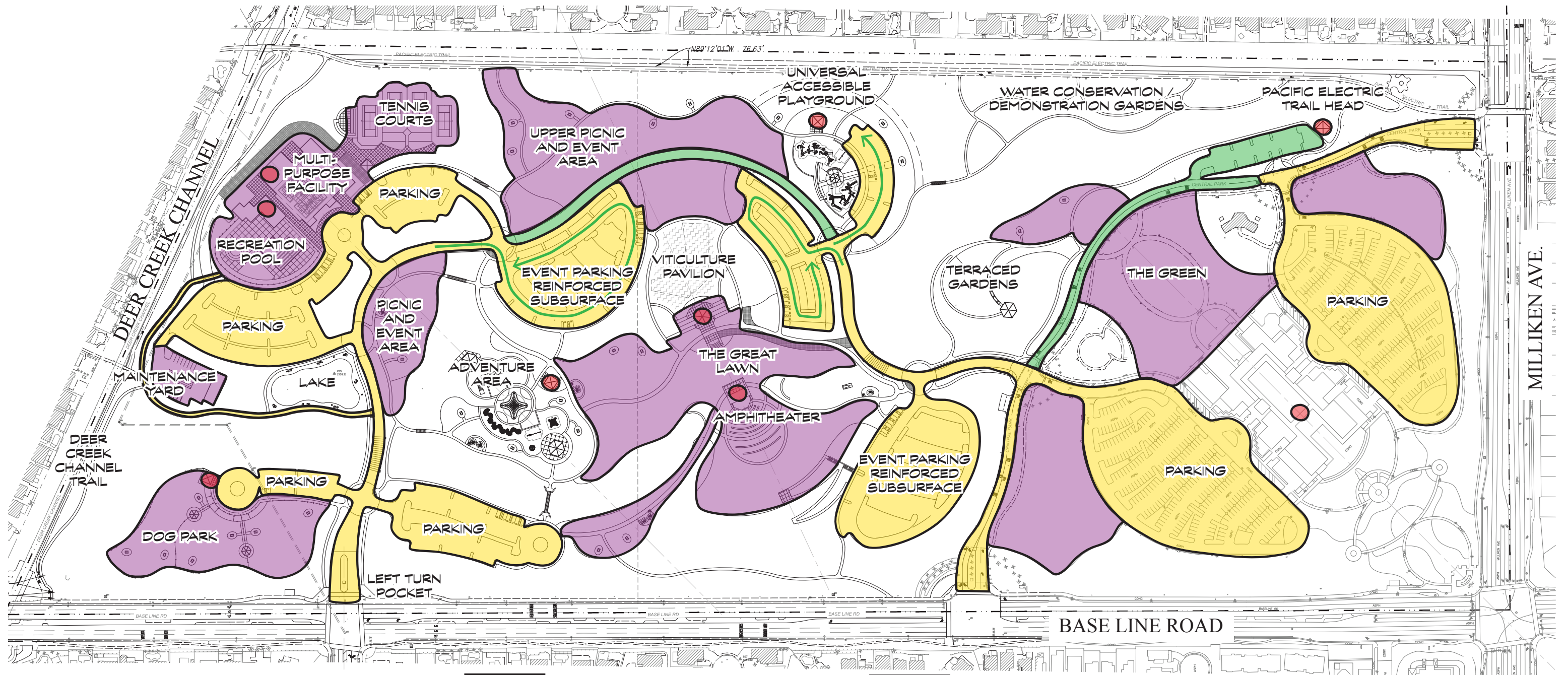


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## **ACCESS, CIRCULATION, PARKING**

A detailed parking analysis has been prepared based on the facilities and amenities shown on the Master Plan and for each of the project phases. Recommended parking spaces for event areas and buildings are based on the expected occupancy, square footage of areas, and number of facilities.

These quantities are considered estimates and will be clarified during the development of each improvement phase. Parking layout and quantity of spaces for persons with disabilities in conformance with local requirements, California Title 24, and the Americans with Disabilities Act have also been developed and studied for optimal design benefit and have been designed to exceed all requirements. The design also considers visual impacts to the adjacent park uses, residential neighborhoods and construction costs.



ACCESS, CIRCULATION,  
EVENT AREA PARKING



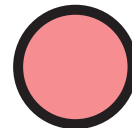
EVENT AREA



POTENTIAL EVENT  
AREA (ROADWAY  
CLOSURE)



RESTROOMS





Land Use	Sq. Footage	Total Recommended Parking Spaces	Required ADA Parking Spaces	Parking Criteria related to Closest Type of Land Use
Recreation Pool - 25 yard, 6 Lane lap and recreation pool	5,431	77	4	County of San Bernardino Environmental Health Services Department of Public Health per Section Information Required for Plan Submittal- maximum occupancy is 1 bather for every 20 s.f. of water surface area. Results in 236 bathers; 77 spaces at 3.5 persons per car.
Multi-Purpose Facility - one regulation high school court with two short court overlay	16,507	85	4	Rancho Cucamonga Municipal Code, Title 17 Development Code, Article IV. Site Development Provisions, Chapter 17.64 Parking and Loading Standards, 17.64.050 Number of Parking Spaces Required- 17 spaces at 5 spaces per 1,000 SF.
Outdoor Tennis Courts	4 Courts	12	1	Rancho Cucamonga Municipal Code, Title 17 Development Code, Article IV. Site Development Provisions, Chapter 17.64 Parking and Loading Standards, 17.64.050 Number of Parking Spaces Required- 12 spaces at 3 spaces per court.
Viticulture Pavillion	2,270	23	1	Rancho Cucamonga Municipal Code, Title 17 Development Code, Article IV. Site Development Provisions, Chapter 17.64 Parking and Loading Standards, 17.64.050 Number of Parking Spaces Required- 23 spaces based on 10 spaces for every 1,000 s.f.
Park Restroom Building	4 each	*0	*0	*Number of parking spaces included in General Park Open Space
Universal Accessible Playground	1	*0	3	*Number of parking spaces included in General Park Open Space. Plan shows 52 parking spaces - Number of ADA Parking Stalls Required - 3 spaces. 6 ADA Parking Stalls Provided.
Dog Park	Approximately 4.4 acres	*0	*0	Number of parking spaces included in General Park Open Space
Amphitheater	Approximately 40,000 s.f.	571	12	Based upon 2000 spectators- 1 person per 15 s.f. area; 571 spaces at 3.5 persons per car.
*General Park Open Space	15 acres	75	3	5 spaces per acre excludes elements noted above, roadways, parking, walkways, trails, shrub / groundcover areas.
<b>SUBTOTAL:</b>		<b>**843</b>	<b>28</b>	

100 acre total site area minus 28 acre  
Phase 1 improvements = 72 acres

\*\*Total includes ADA stalls

<b>TOTAL RECOMMENDED:</b>	<b>843</b>
<b>PROPOSED TOTAL PARKING PER MASTER PLAN:</b>	<b>886</b>
<b>PROPOSED ADA PARKING PER MASTER PLAN:</b>	<b>41</b>
<b>EXCESS TOTAL PARKING SPACES AVAILABLE:</b>	<b>43</b>
<b>EXCESS ADA PARKING SPACES AVAILABLE:</b>	<b>13</b>

NOTES:

1. Amphitheater recommended parking accommodates major events, which occur only approximately 7 times per year.



reVISION  N  
CENTRAL  
P A R K  
RANCHO CUCAMONGA



## SITE SIGNAGE

The signage master plan has been developed to be consistent with the Phase 1 Senior and Community Center site signage. A hierarchy of the sign program has been established to identify; the entry to Central Park, provide vehicular directional signage, identify area entry signage, provide vehicular traffic and regulation signage, and pathway/pedestrian signage.

Potential locations for Public Art are also identified to meet the provisions of Art in Public Places Ordinance as outlined in Chapter 17.124 of the Municipal Code. Public Art may encompass sculpture, architecture, murals, memorials, community art, digital media, etc.

The signage and graphics have a consistent appearance throughout Central Park relative to the type of sign and information provided.

The following signage is included in the signage master plan.

R1.00 - Project Entry Identification Sign

R2.00 - Vehicular Directional Sign

R3.00 - Area Entry Identification Sign

R4.00 - Stop Sign

R5.00 - Speed Limit Sign

R6.00 - General Park Regulations

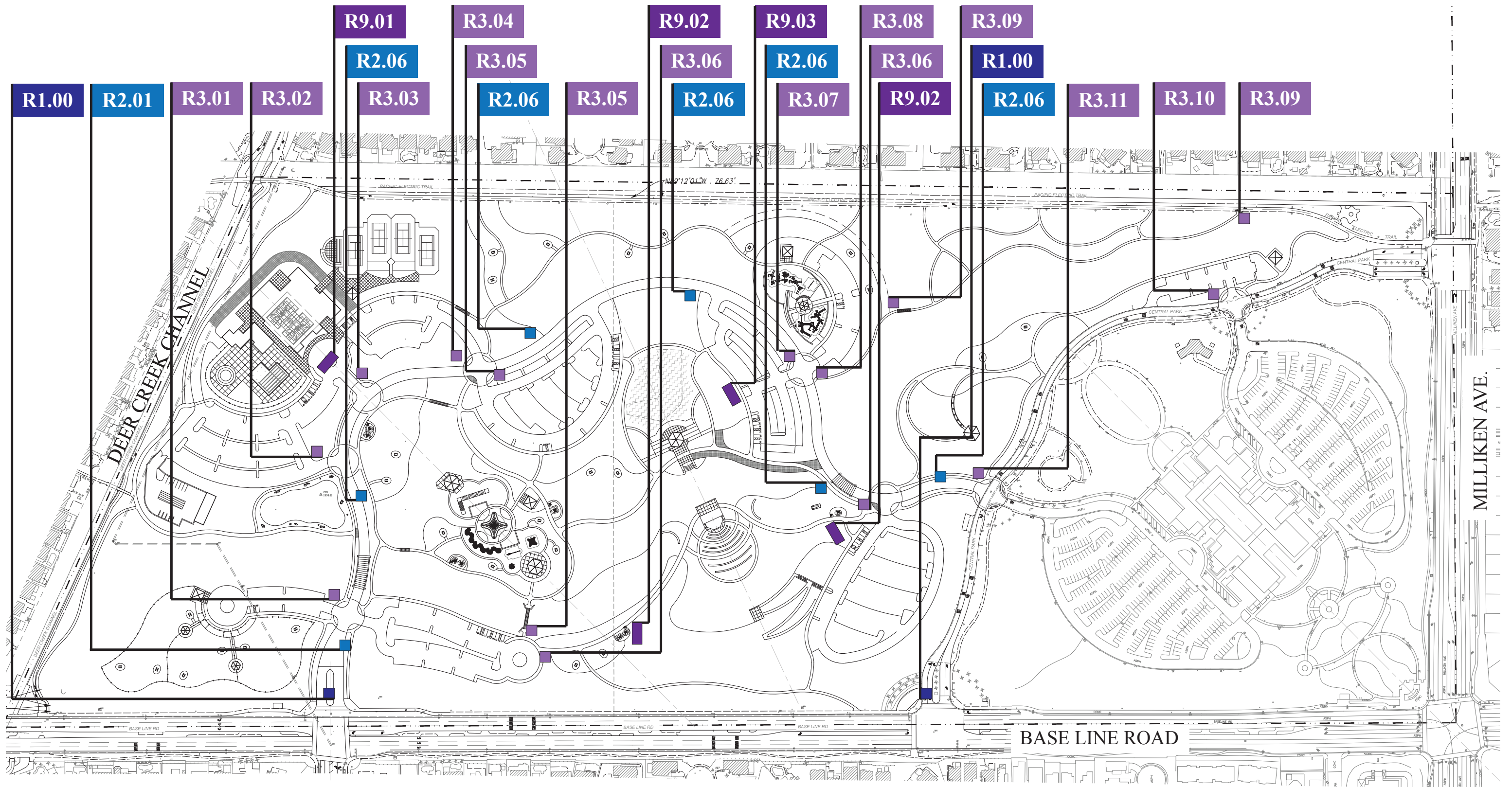
R7.00 - Parking Regulations

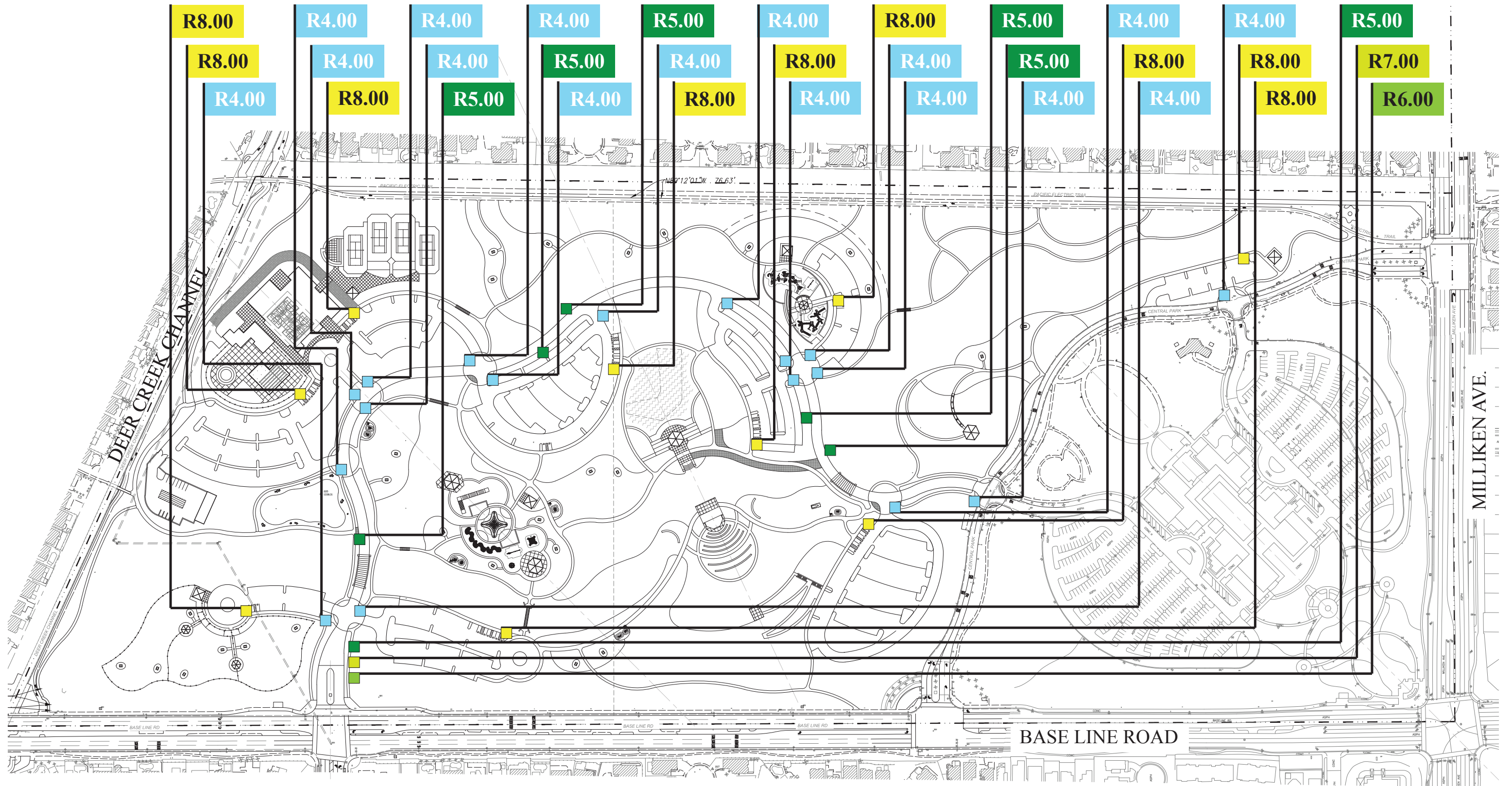
R8.00 - Disabled Parking Identification and Access

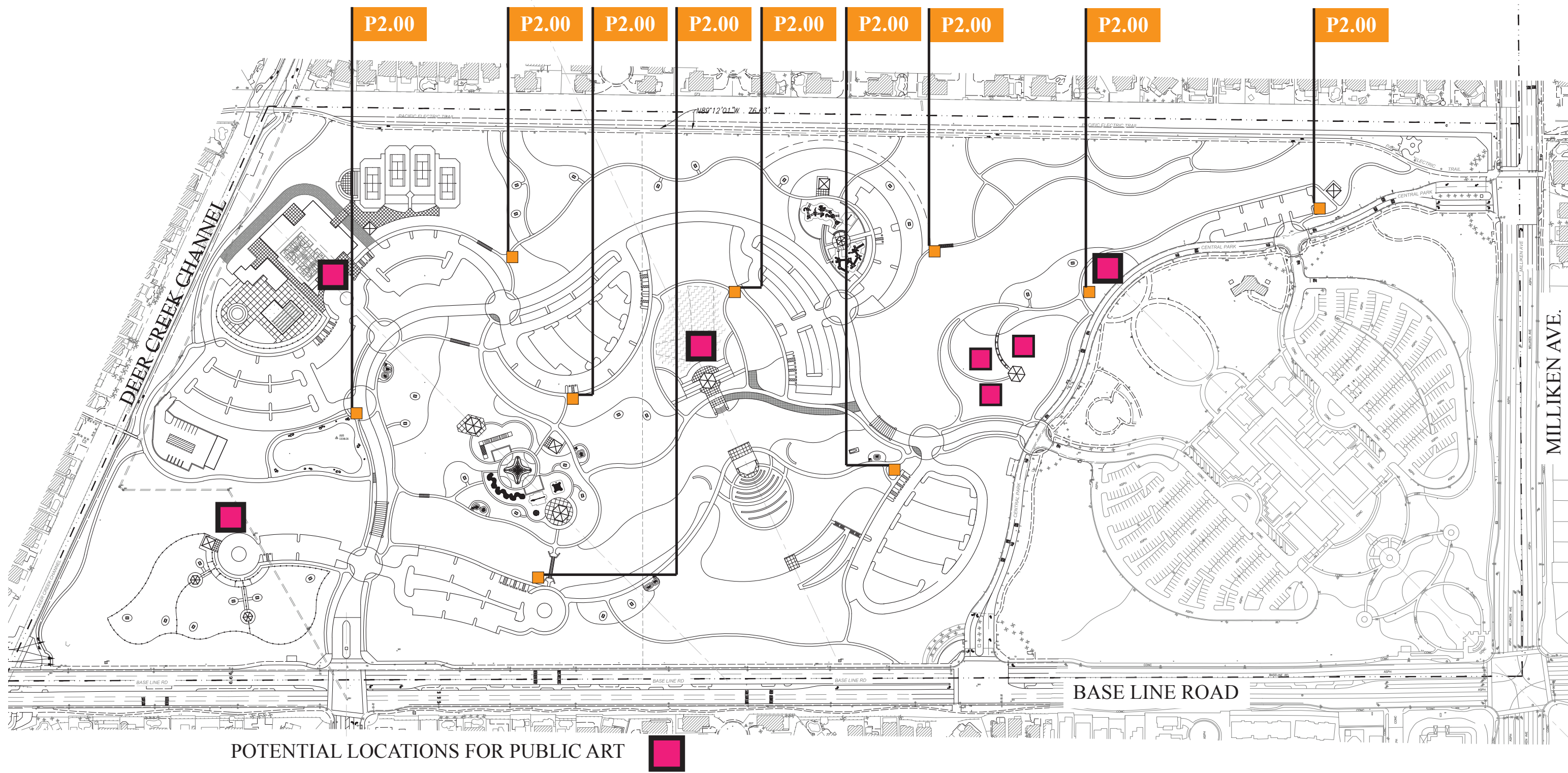
R9.00 - Monument Identification Sign

P2.00 - Trailblazer Directional Sign

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SIGN TYPES




















- R1.00** - PROJECT ENTRY IDENTIFICATION SIGN
- R2.00** - VEHICULAR DIRECTIONAL SIGN
- R3.00** - AREA ENTRY IDENTIFICATION SIGN
- R4.00** - STOP SIGN
- R5.00** - SPEED LIMIT SIGN
- R6.00** - GENERAL PARK REGULATIONS
- R7.00** - PARKING REGULATIONS
- R8.00** - DISABLED PARKING IDENTIFICATION
- R9.00** - MONUMENT IDENTIFICATION SIGN
- P2.00** - TRAILBLAZER DIRECTIONAL SIGN

 - POTENTIAL LOCATIONS FOR PUBLIC ART

SIGN IDENTIFICATION

- R3.1 DOG PARK
- R3.2 RECREATION POOL
- R3.3 MULTI-PURPOSE FACILITY
- R3.4 TENNIS COURTS
- R3.5 ADVENTURE AREA
- R3.6 AMPHITHEATER
- R3.7 VITICULTURE PAVILION
- R3.8 UNIVERSAL ACCESSIBLE PLAYGROUND
- R3.9 WATER CONSERVATION/DEMONSTRATION
- R3.10 PACIFIC ELECTRIC TRAILHEAD
- R3.11 TERRACED GARDENS
- R9.1 RECREATION POOL
- R9.2 AMPHITHEATER
- R9.3 VITICULTURE PAVILION

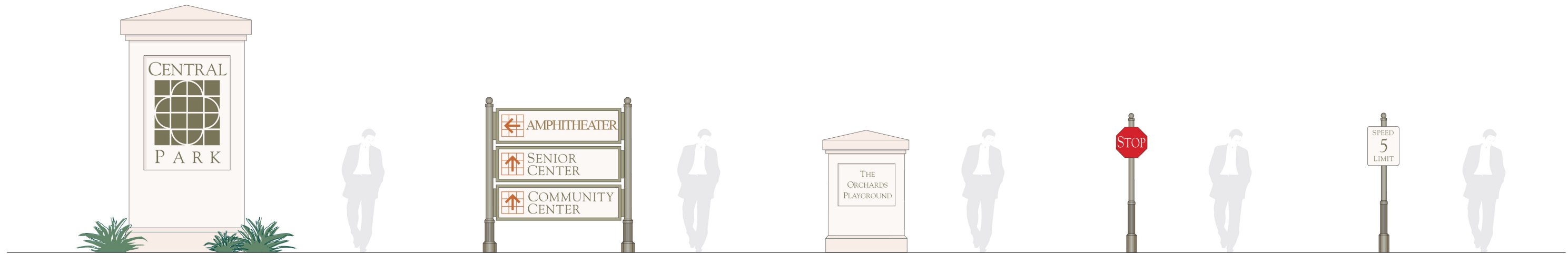
SIGN IDENTIFICATION - R2.00 DIRECTIONAL

- R2.1  DOG PARK  
 AMPHITHEATER  
 RECREATION POOL
- R2.2  RECREATION POOL  
 MULTI-PURPOSE FACILITY  
 TENNIS COURTS
- R2.3  TENNIS COURTS  
 ADVENTURE AREA  
 MULTI-PURPOSE FACILITY  
 RECREATION POOL
- R2.4  VITICULTURE PAVILION  
 UNIVERSAL ACCESSIBLE PLAYGROUND  
 AMPHITHEATER
- R2.5  AMPHITHEATER  
 SENIOR CENTER  
 COMMUNITY CENTER
- R2.6  AMPHITHEATER  
 UNIVERSAL ACCESSIBLE PLAYGROUND  
 VITICULTURE PAVILION



**R9.00** SIGN TYPE R9.00 - Aquatic Center & Sports Facility Identification  
 One-sided, masonry monument with plaster finish to match project  
 Letters to be individual cut out painted aluminum letters mounted to monument.





**R1.00**

**SIGN TYPE R1.00 - Project Entry Identification Sign**  
Two-sided, masonry monument with plaster finish and aluminum plate sign panels with individual cut-out aluminum graphics with painted finish.  
Illumination via ground mounted light fixtures.

**R2.00**

**SIGN TYPE R2.00 - Vehicular Directional Sign**  
Two-sided, fabricated aluminum sign panels with individual cut-out aluminum graphics and custom fabricated aluminum post.  
Illumination via ground mounted light fixtures.

**R3.00**

**SIGN TYPE R3.00 - Area Entry Identification Sign**  
Three-sided, masonry monument with plaster finish and aluminum plate sign panels with individual cut-out aluminum graphics with painted finish.

**R4.00**

**SIGN TYPE R4.00 - Stop Sign**  
Aluminum plate sign face with applied vinyl graphics and custom fabricated aluminum post.

**R5.00**

**SIGN TYPE R5.00 - Speed Limit Sign**  
Aluminum plate sign face with applied vinyl graphics and custom fabricated aluminum post.



**R6.00**

**SIGN TYPE R6.00 - General Park Regulations Sign**  
One-sided, fabricated aluminum sign panel with screen printed graphics and custom fabricated aluminum posts.

**R7.00**

**SIGN TYPE R7.00 - Parking Regulations Sign**  
One-sided, fabricated aluminum sign panel with applied vinyl graphics and custom fabricated aluminum posts.

**R8.00**

**SIGN TYPE R8.00 - Disabled Parking Identification Sign**  
**SIGN TYPE P1.00 - Restrictive Sign**  
**SIGN TYPE P3.00 - Disabled Access Directional Sign**  
One-sided, fabricated aluminum sign panels with applied vinyl graphics and custom fabricated aluminum posts.

**P2.00**

**SIGN TYPE P2.00 - Trailblazer Directional Sign**  
Two-sided, fabricated aluminum sign blades with applied vinyl graphics and custom fabricated aluminum posts.





## LANDSCAPE CHARACTER & CROSS SECTIONS

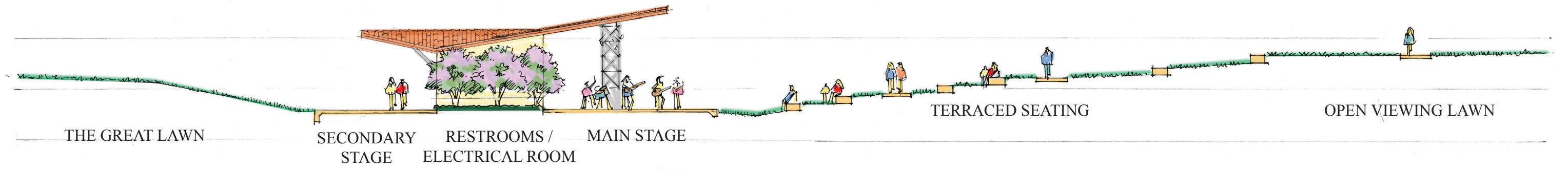
Landscape provides a framework to reinforce the park entrances, circulation, open spaces, recreation facilities and landscape features. Plant types and species will be selected based on hydro zones (water use requirements), function (screening, shade), maintenance and aesthetics.

- Shade canopy trees will be used in parking lot islands when appropriate to provide shade and reduce the heat island effect. In addition, turf is proposed in parking lots that will accommodate larger events in the Great Lawn and Amphitheater where use of the lots are limited to certain times of the year. Finger islands in these lots are used to delineate the perimeter access drive and center concrete mowcurbs between islands define parking organization and alignment. Parking lots have been designed to accommodate solar shade structures.
- The open channel is a major landscape feature and will include riparian type planting.
- Parkland trees and understory planting will help to create the outdoor rooms; define large multi-purpose open spaces; used to help with separation between vehicular and pedestrians; and provide buffer between the adjacent residents.

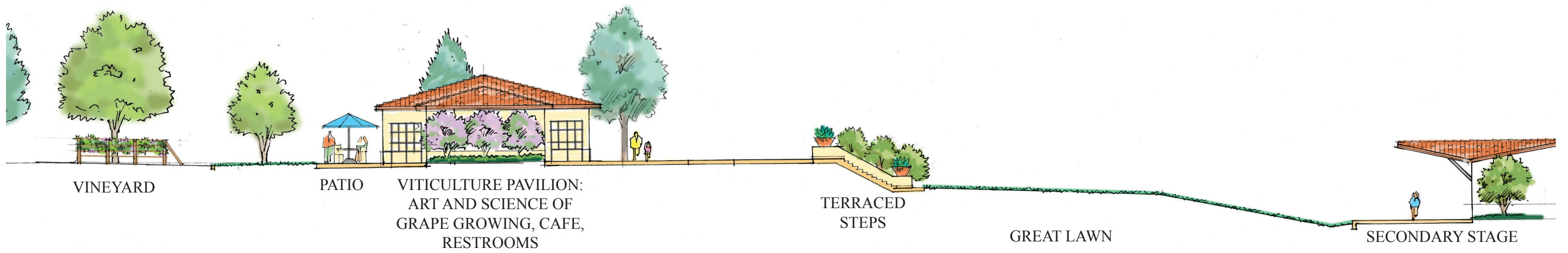
There are three distinct gardens located in the park:

1. Viticulture Pavilion and Vineyards will provide insight into the Viticulture heritage in Rancho Cucamonga. The gardens will include preservation and replication of the vineyards that once occupied the parkland.
2. Terraced Gardens will provide a quiet reflection area to showcase garden types that have a significant influence in Rancho Cucamonga and the region. There is also opportunity to display public art in the form of a Sculpture Garden or memorial pieces.
3. Water Conservation / Demonstration Garden will provide water conservation practices, to include selection of California friendly plant, smart irrigation systems, mulching, water scheduling and monitoring. Opportunity for interpretive displays will provide educational information. The garden will provide an outdoor learning center, teaching about the overall park landscape, conservation and sustainable practices, and water quality treatment techniques.

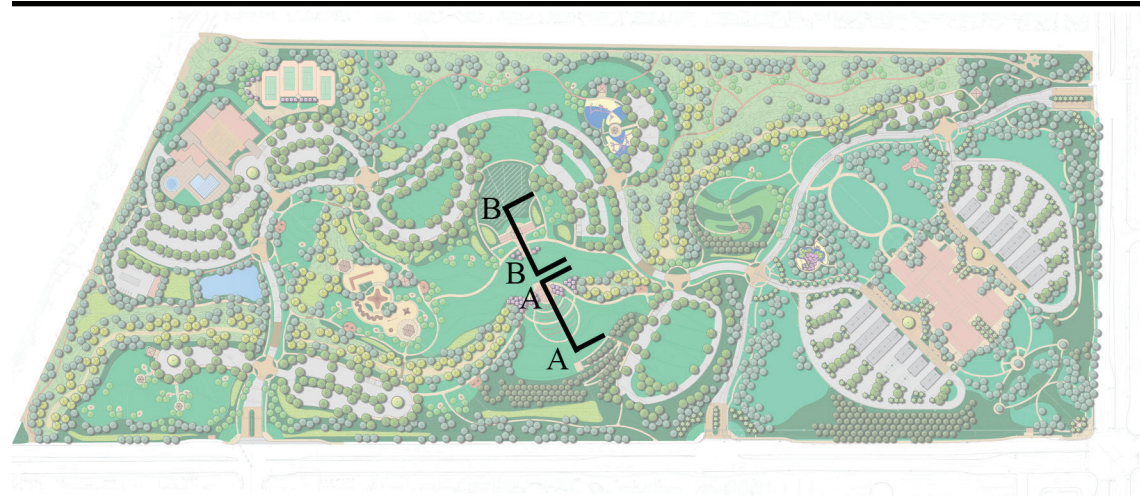
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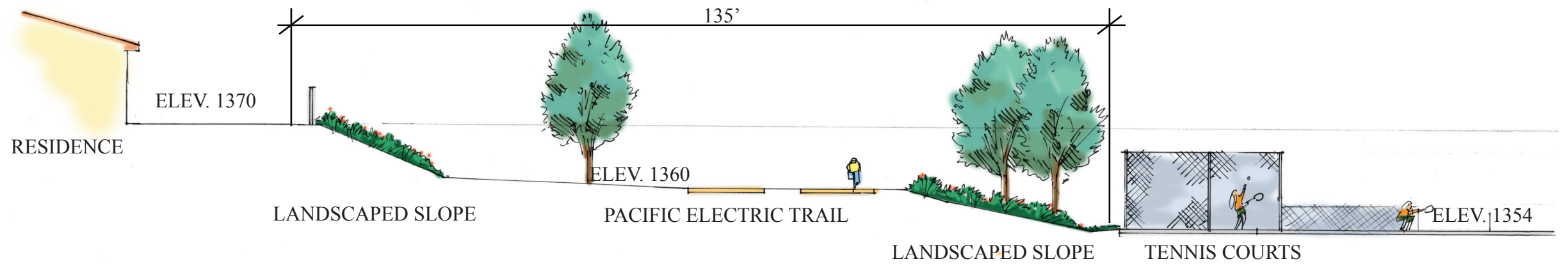


**SECTION A-A: AMPHITHEATER**

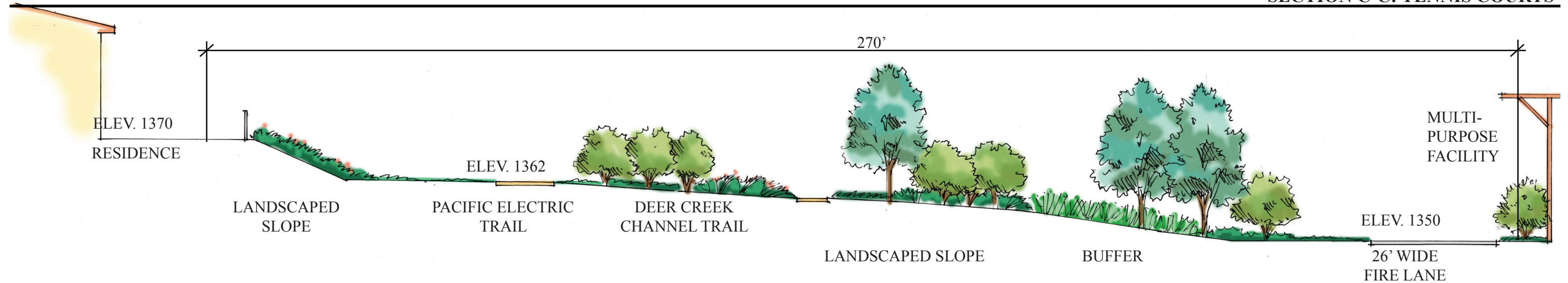


**SECTION B-B: VITICULTURE PAVILION**

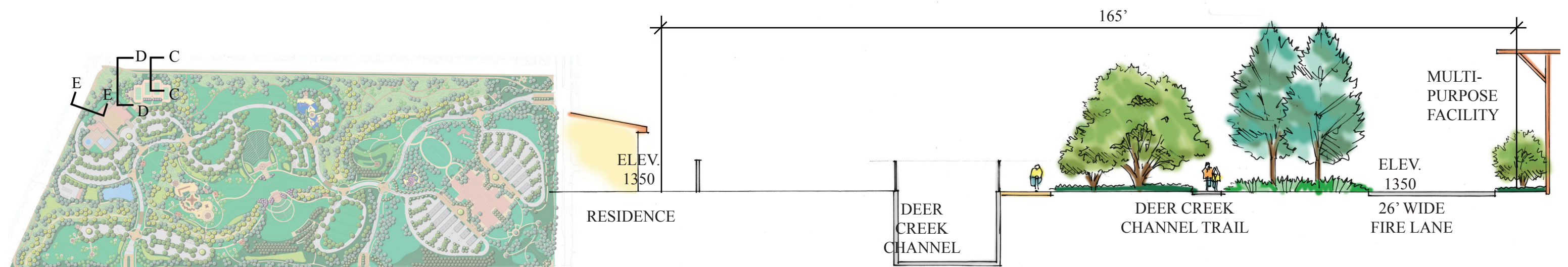




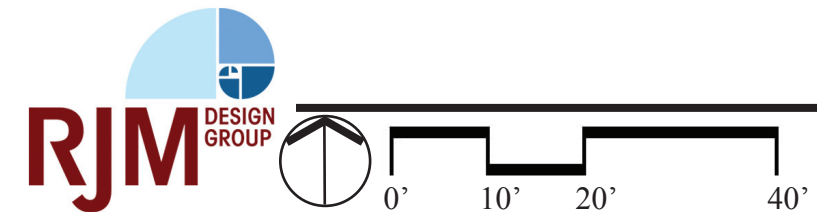
**SECTION C-C: TENNIS COURTS**

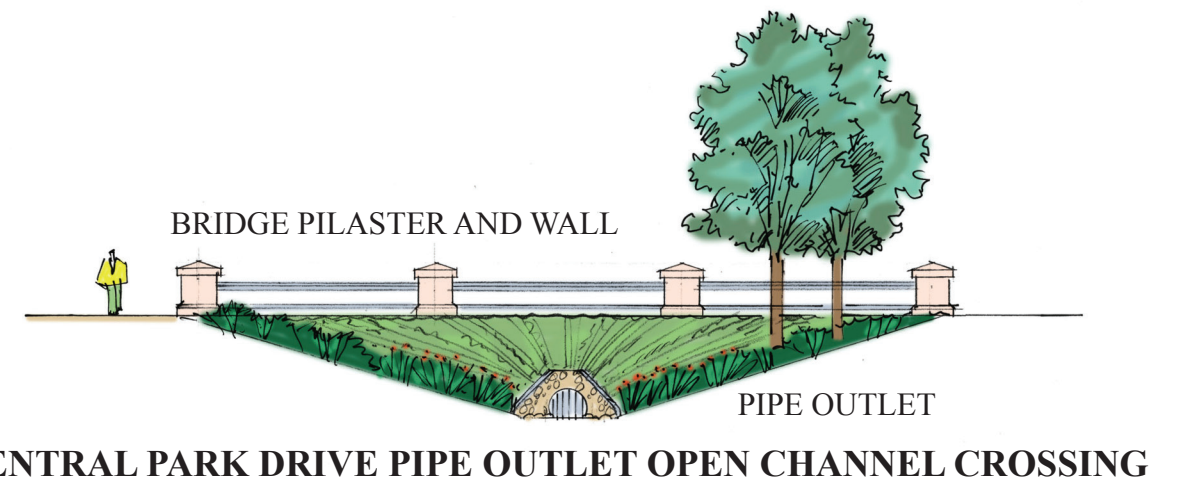
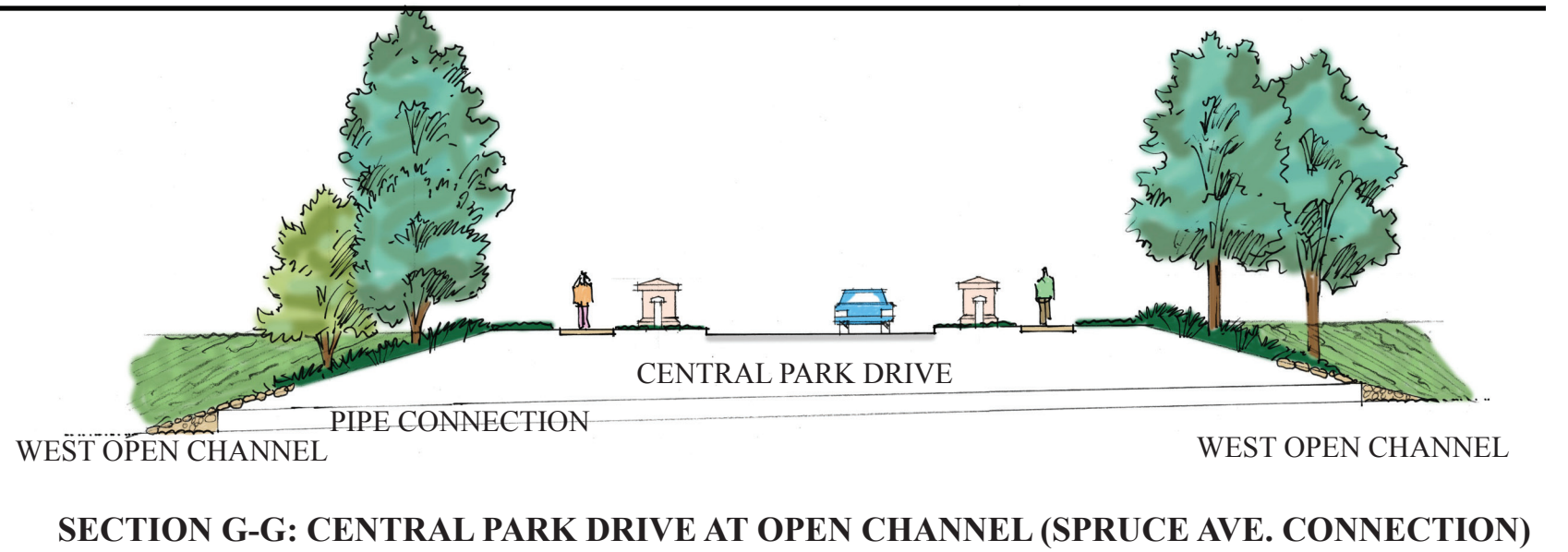
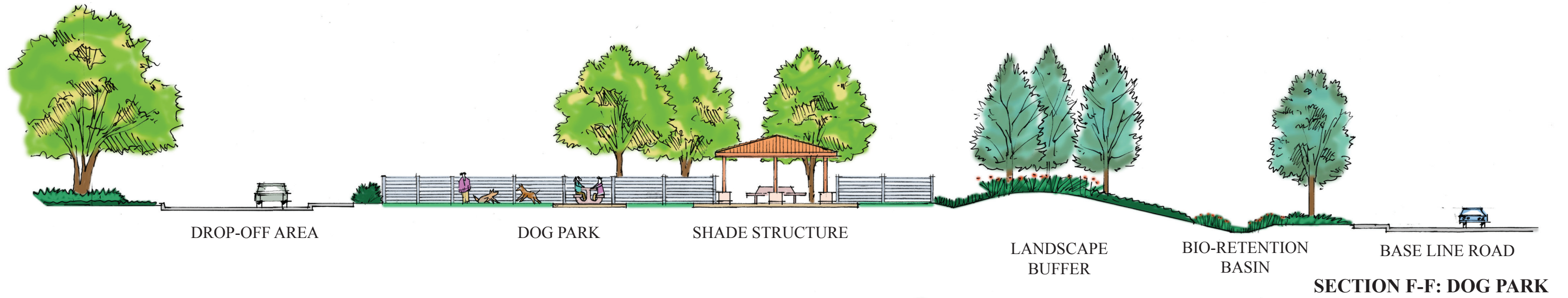


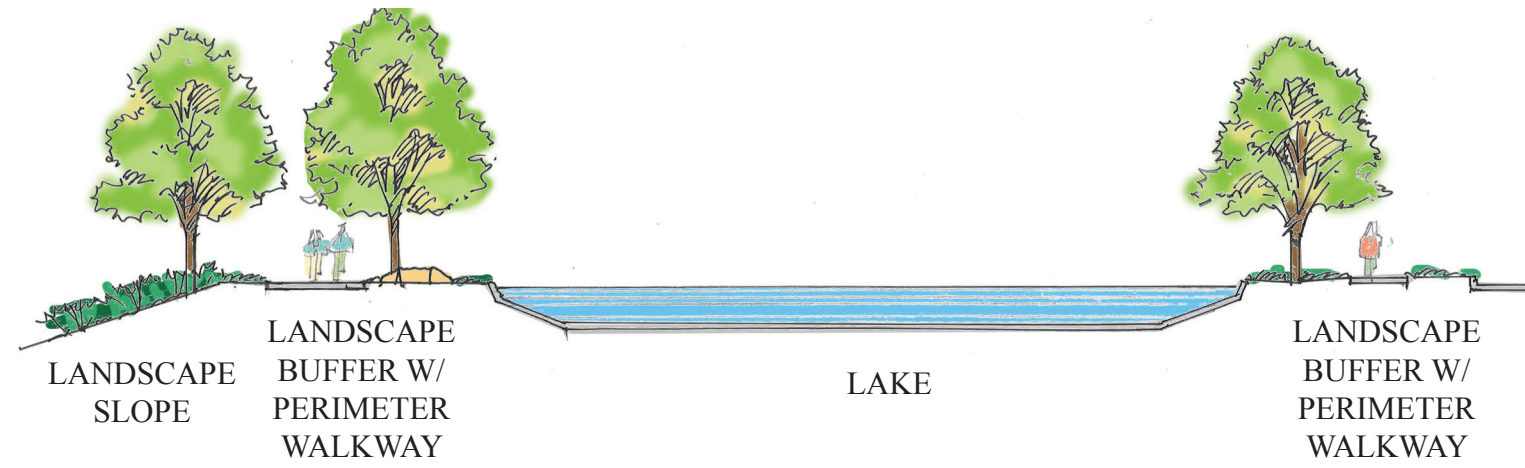
**SECTION D-D: PACIFIC ELECTRIC TRAIL**



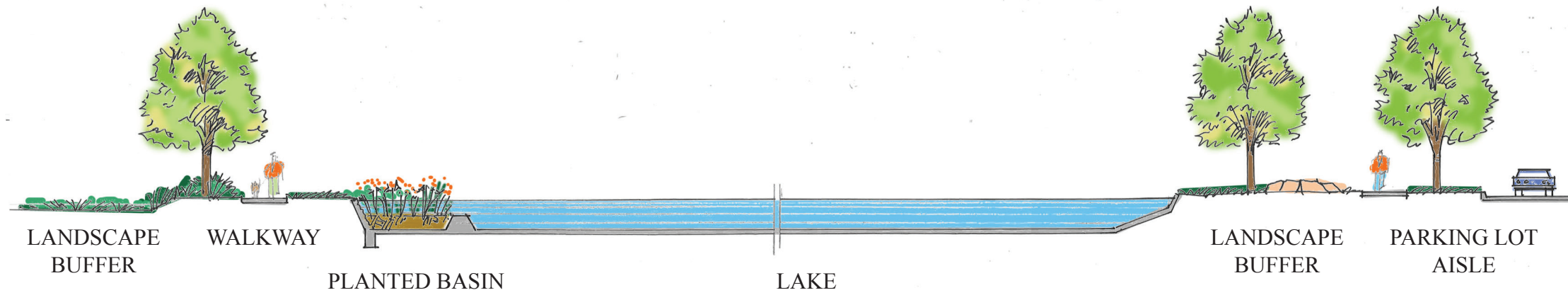
**SECTION E-E: DEER CHANNEL TRAIL**







SECTION I-I: LAKE



SECTION J-J: LAKE



reVISION  N  
CENTRAL  
P A R K  
RANCHO CUCAMONGA

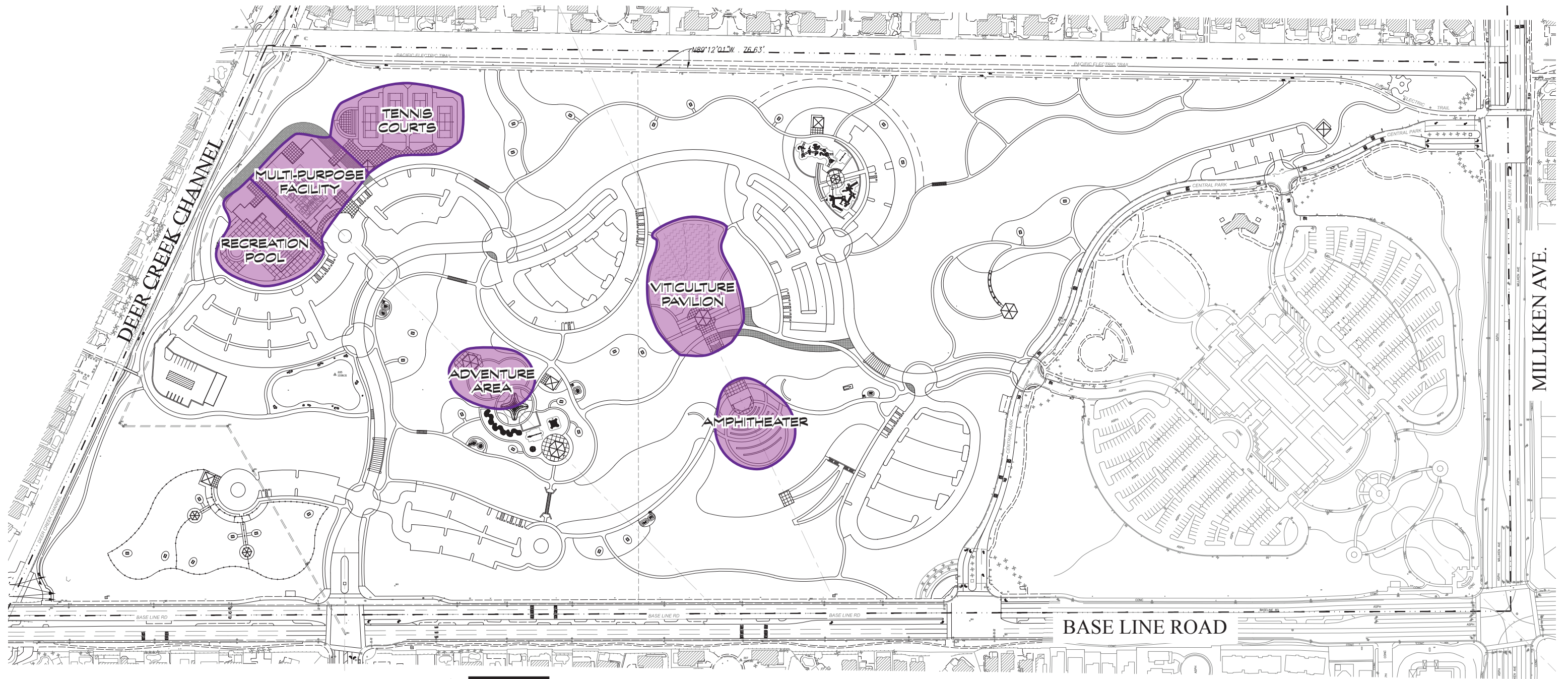


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## POTENTIAL PUBLIC / PRIVATE PARTNERSHIPS

Public / Private Partnerships will be important for the generation of revenue for the capital improvement and long term maintenance of Central Park. This will enable the City to forecast available funds for implementation of future phases of the park. Potential revenue generator elements of the park may include:

- Recreation Pool
- Multi-Purpose Facility
- Tennis Clubs
- Adventure Area
- Viticulture Pavilion- Park Café
- Amphitheater
- Brand naming of park facilities



POTENTIAL P3 PUBLIC / PRIVATE PARTNERSHIP 







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## **SITE FURNITURE/AMENITIES**

Site furnishings throughout Central Park will have a consistent character and image with Phase 1 - Senior and Community Center improvements. The site furnishing elements are intended to work as a family to be consistent in form, color and material throughout the park, while complementing building architecture, color palette, materials, and aesthetics.



*Precast Concrete Bollards*

Precast Concrete Bollard - Model No. Q5-5B, by Quick Crete Products Corp., Color: C-3, Finish T-2, Light Sandblast Finish



*Bench*

Metal Bench - Steel Sites, RB Serviced, Model No. RMFC - 24, by Victor Stanley, Inc., Color: RAL 7006 per 194 Special Caspax-7, Polyester Powder Coating Color Chart



*Wrought Iron Fence*

Wrought Iron Fence - Color: Champagne Gold, #UC51568 XL to match PPG Duramar XL



*Precast Concrete Waste Receptacle*

Precast Concrete Waste Receptacles - Square Series; Model No. QV-SQ2020 with F14 Modified with Top Opening and 12" x 12" Park Logo - 4 Sides by Quick Crete Products Corp., Color: C-3 Latte; Finish T-2 Light Sandblast Finish



*Bike Rack*

Bike Rack - Super Cycloops - Model No. 2175-8-P-C, 8 Bikes by Columbia Cascade, Color: RAL 7006



Drinking Fountain - Pedestal Drinking Fountain Model 440 SM w/ Pet Fountain by MDF, Most Dependable Fountains, Color: "Pyrite"

*Pet Drinking Fountain*



*Courtyard Table*

Precast Concrete Court Table - 48" Diameter Cafe Table, Model T48-B1 with Custom Pedestals by Quick Crete Products Corp., Color: C8 Dusty Mauve Finish: Table Top and Bench Tops, Texture: T1-Smooth, Table and Bench Pedestals Texture: T7-Acid Etch.



*Drinking Fountain*

Drinking Fountain - Pedestal Drinking Fountain Model 440 Sm by MDF, Most Dependable Fountains, Color: "Pyrite"



*Pet Dispenser*

Pet Dispenser- Aluminum Dogipot Pet Station #1003-L by Dogipot, Color: Black



*Street Light* - 16'-0" Mounting Height, Street Light Precast Concrete Pedestal - 2'-5" sq. x 2'-6" High Precast Concrete Light Pole Base by Quick Crete Products Corp. Street Light Fixture: LED Finish: RAL 7006 per 194 Special Caspax-7, Polyester Powder Coating

*Street Lighting with Base*



*Walkway Light* - 14' - 0" Mounting Height Walkway Light, Walkway Light Fixture: LED High Pressure Sodium, Pole Finish: RAL 7006 per 194 Special Caspax-7, Polyester Powder Coating

*Pedestrian Walkway Light Fixture*



*Skateboard Rack*



*Trail Marker*



*Street and Pedestrian Light Fixture*



*Street Light Theme Base on Central Drive*



*Parking Lot Light*

*Parking Lot Light* - 22' - 6" Mounting Height Parking Lot Light by Gardco, LED Color: Dark Bronze



*Shade Shelter*

*Prefabricated Picnic Shelter* - Custom Square, Hip, Interval or Craftsmen Structure by Icon Shelter Systems Inc. Single Roof with Steel Panels Color: Evergreen