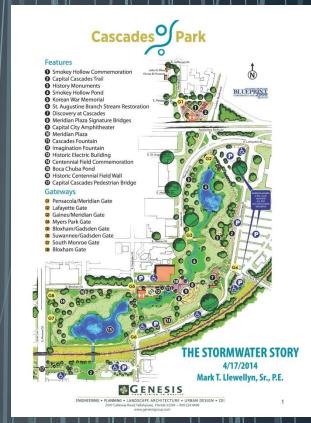
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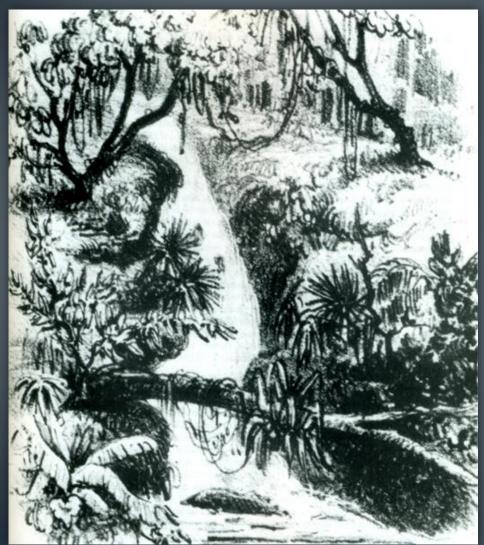
EPB/UNF Environmental Symposium



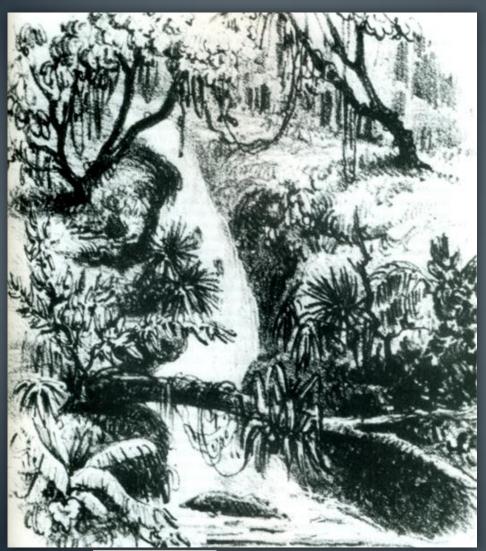
Mark T. Llewellyn, P.E. Mark@GenesisGroup.com







"to the southward and westward, the country opened to view like a magnificent park, gently undulated and studded with beautiful basins of limpid water, at their feet a crystal fountain gushing from the declivity of the hill; to the eastward the view was more confined by the thick foliage of the undergrowth which served to screen the view through not the sound, of a beautiful cascade" — as quoted by John McIver

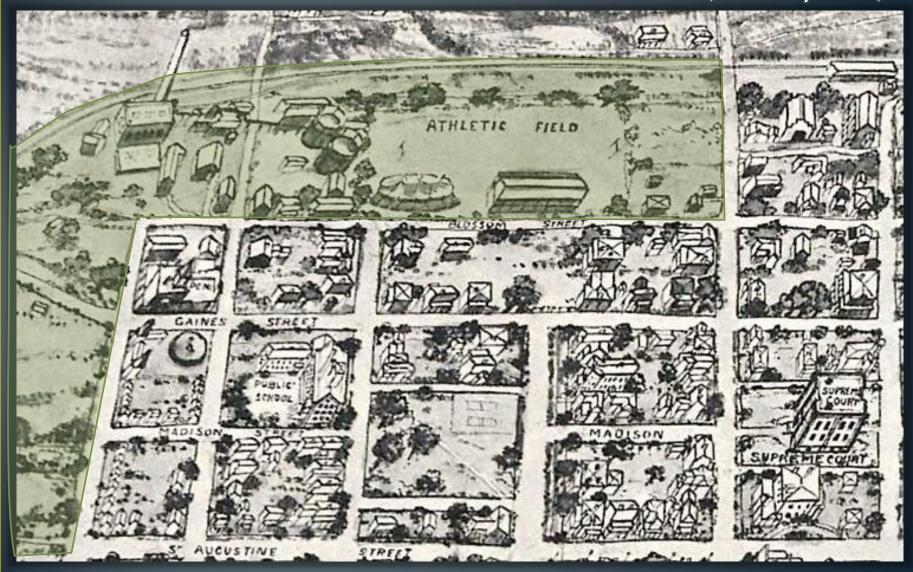


### **HISTORY**

- 1821 Florida ceded by Spain to the U.S.
- 1823 Capital site selected
- 1824 City of Tallahassee established
- 1830 Tallahassee R/R constructed
- 1845 Capitol opened
- 1861-1865 Civil War



# 1926 (+100 years)







+133 years













+ 150 years



"It would be a restful area for Tallahasseeans, an attraction to visitors, and a source of pride to all Floridians for the glimpse it would give of the natural history and beauty of their Capital area."



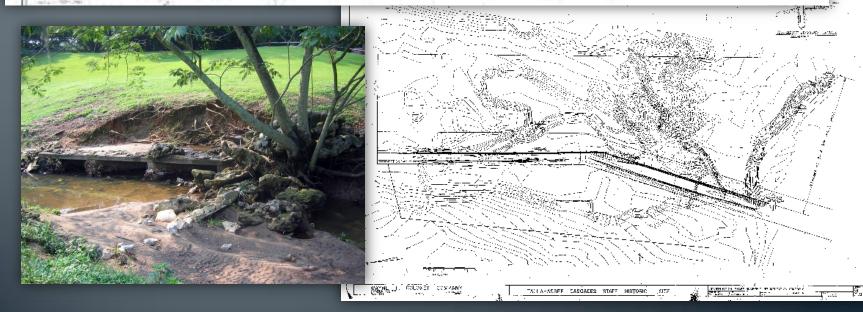


JALLAHASSEE CASCADES STATE

HISTORIC SITE

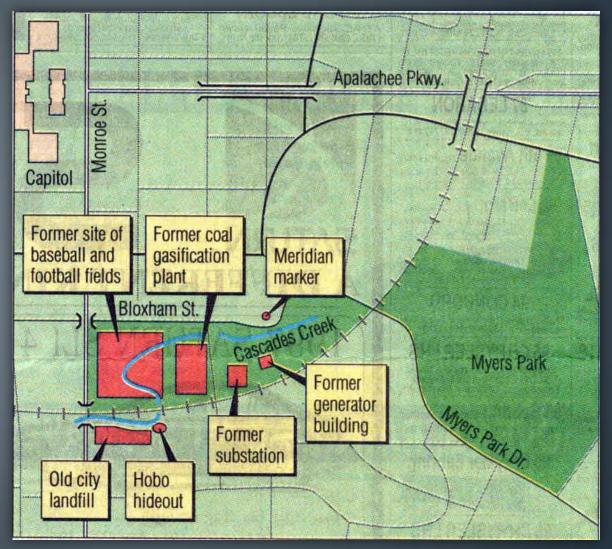
HYDROGRAPHIC & SITE MODIFICATION

DESIGN - PHASE 1





# Cascades Park - 198?







# Cascades Park - 2006 (+182 years)







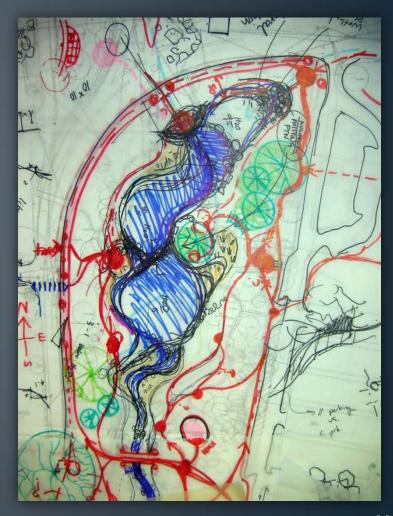






# Park Programing/Design/Permitting 2006 - 2009









# Park Programing/Design/Permitting 2006 - 2009











# Construction Commenced - 2010

(+186 years)



# Construction Commenced - 2014

(+190 years)





# Stormwater Story







THE STORMWATER STORY
4/17/2014
Mark T. Llewellyn, Sr., P.E.

# Cascades O BLUEPRINT 2000 **BYPASS BOX CULVERT** A 30" RCP-12'x 8' D A Baseflow + Up to 100 cfs B Inflow from Myers Park **Box Culvert Overflow** D Discharge Control Structure

# Stormwater Story **Concrete Box Culvert**





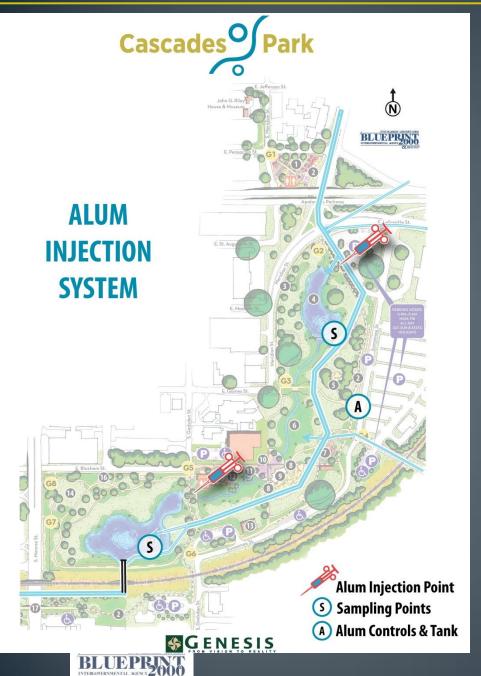


# Cascades O BLUEPRINT **18" SANITARY SEWER TRUNK LINE REPLACEMENT**

# Stormwater Story Sanitary Sewer and Water Main Upgrade







# Stormwater Story Alum Injection System

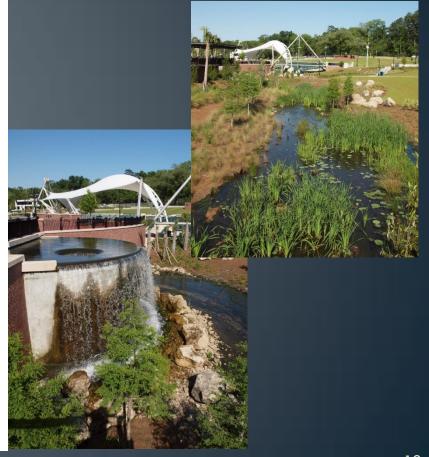




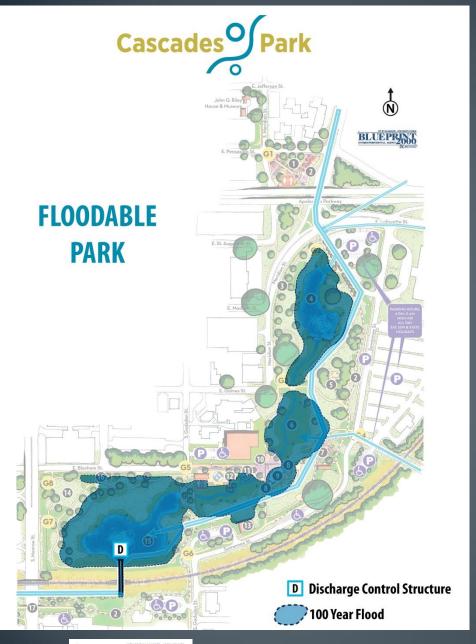




# Stormwater Story Stream Restoration & Fountains







# Stormwater Story Floodable Park

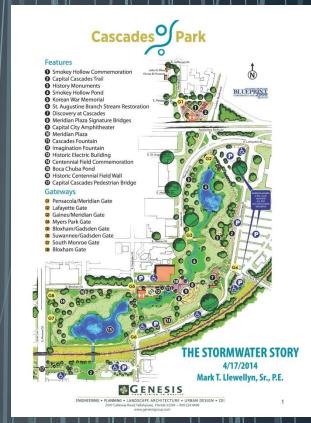






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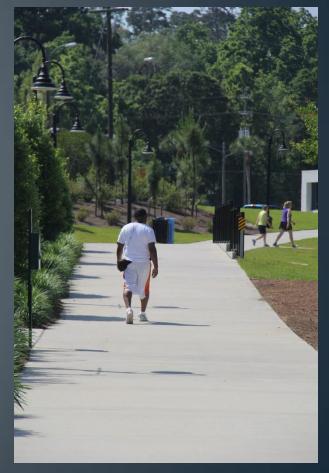








# Park Features





# TWRIAN TWRIANG RG.I.E. RG.I.W. RG.I.E. RG.I.W. RG.I.E.

# "Point of Beginning" Raded-castor of Godds Mordem and how Parallel "The Thomas of Francis Decomment of Schwere The New Office Office of Schwere The Schwere Schwere Th

# Park Features

## **Prime Meridian Marker**







## Sidewalk Widths & Length

12' = 0.5 miles

10' = 0.7 miles

8' = 0.8 miles

6' = 0.3 miles

2.3 miles

# Park Amenities

## Park Loops & Walking Paths









**Smokey Hollow Pond** 







**History Timeline Plaques** 









Smokey Hollow Plaza





**Discovery Garden** 

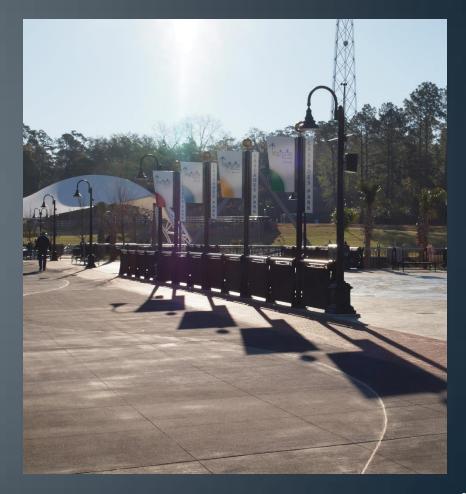








**Bloxham Promenade** 





# Interactive Water Play



Photo Courtesy of Loue Kellenberger





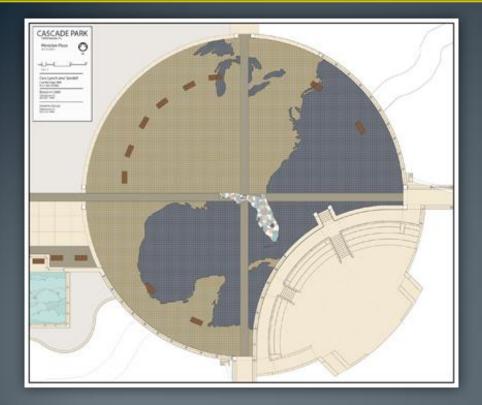


Restroom with Changing Area











Meridian Plaza and Amphitheatre















# Capital Cascades Park



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