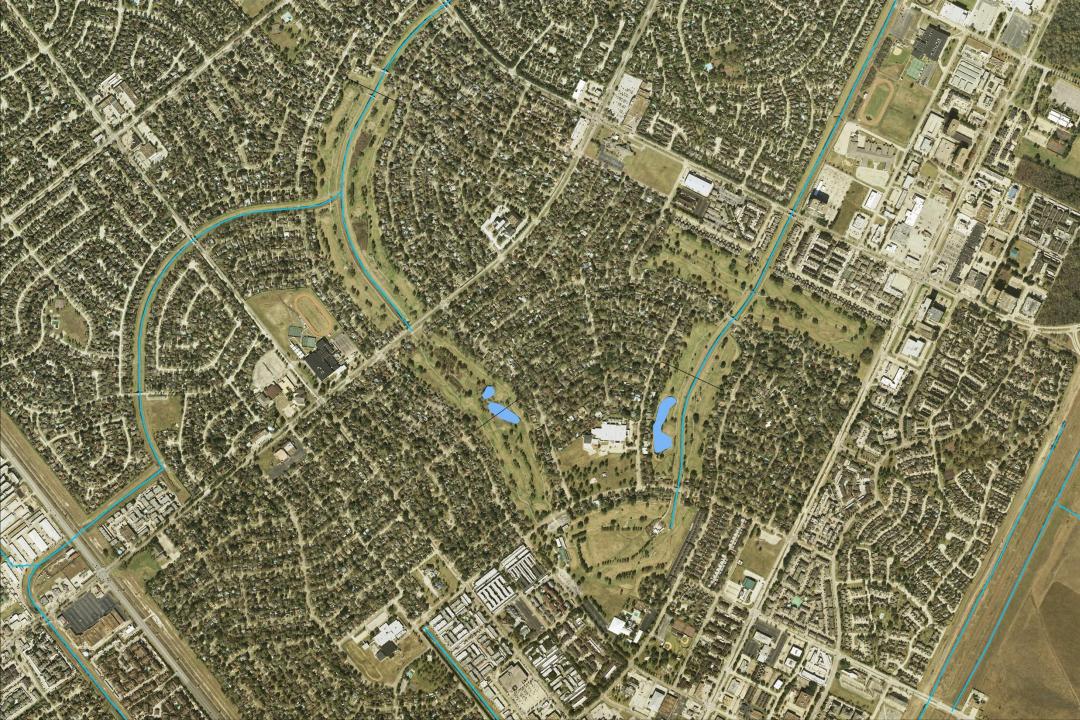
CLCWA Detention Facilities And Associated Open Space & Park Plan

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BACKGROUND I

Upper Gulf Coast

- <u>Past</u> Native Prairie / Prairie Pot Holes
- <u>Present</u> Created Landscapes
 - Homes & Business
 - Front Lawns, Ornamental Gardens & Golf Courses

Old Development Standards

- Drainage = "Flood Control"
 - -"4 x 4" four foot wide
 - and four foot deep!
 - ("…like draining a pool table to the corner pocket without tilting the table!")
- "What's Water Quality?!"

BACKGROUND II

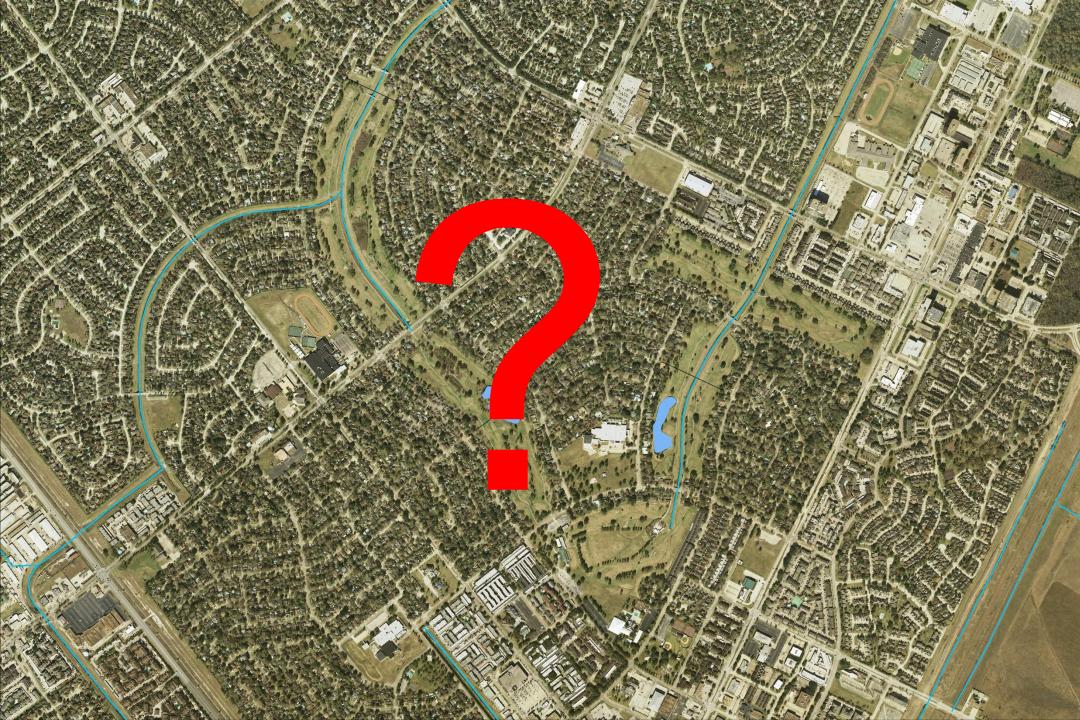
New Development Standards

- Drainage = "Flood Damage Reduction"
 - Amenitized storm water features
- Water Quality Improvements

New Development Paradigm

 Multi-purpose Facilities (FDR, Water Quality, Open Space, Habitat)







CLCWA Detention Facilities

Master Plan Metrics

- a. 178 acres
- b. 1,680-acre feet of storm water storage
- c. FDR Excavation 3.0 million cubic yards
- d. Water storage depth 13'
- e. Permanent water depth 6'
- e. Permanent surface water area 38 acres
- f. Water Quality Wetland area 39 acres
- g. Upland / island areas 101 acres

CLCWA Golf Course Detention

Master Plan Features

Water Quality Features

- Emergent wetland fringe
- Trash Interceptor baskets
- Tree canopy
- Return water flow polishing

Water Quality and Habitat Features

- Land forming with variable slopes to create a natural character
- Wet bottom basin
- Reforestation
- Islands (habitat areas)
- Nature-friendly habitat areas

Recreation Features

- Athletic Sports Fields 2 x 150' x 250'
- Entrance plaza / water feature
- Parking 352 car spaces
- Picnic and open game areas
- Hike and bike trails 6 miles



Permanent water area – 38 acres Wetlands area – 39 acres Upland / Island areas – 101 acres Paved trail – 6 miles Preserved trees – 42% in perimeter zoti sud Referested area

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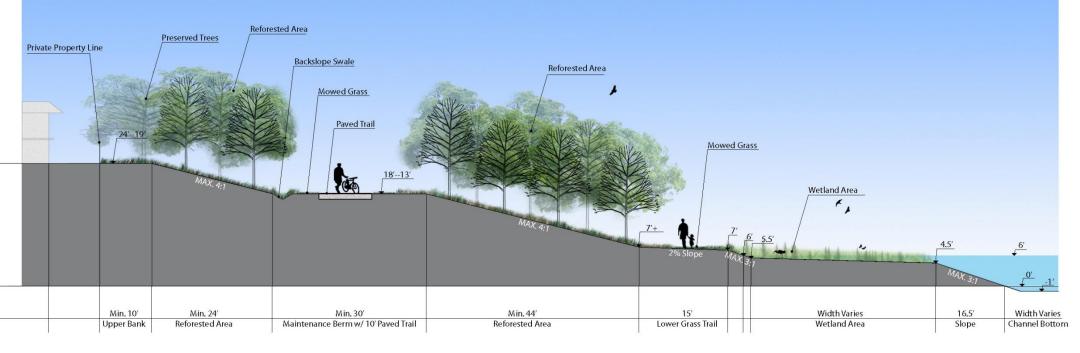
Preserved trees - 42% of the existing these Referested area Permanent water area – 38 acres Wetlands area – 39 acres Upland / island areas – 101 acres Paved Trail – 6 miles Preserved trees – 42% in perimeter zone.

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Permanent water area – 38 acres Wetlands area – 39 acres Upland / island areas – 101 acres Paved trail – 6 miles Preserved trees - 42% in perimeter zone Reforested area



Typical Section

CLCWA Detention Facilities (Possible Phasing)

- a. Phase 1 1 5 years
- b. Phase 2 4 7 years
- c. Phase 3 7 9 years
- d. Phase 4 9 12 years
- e. Phase 5 12 15 years

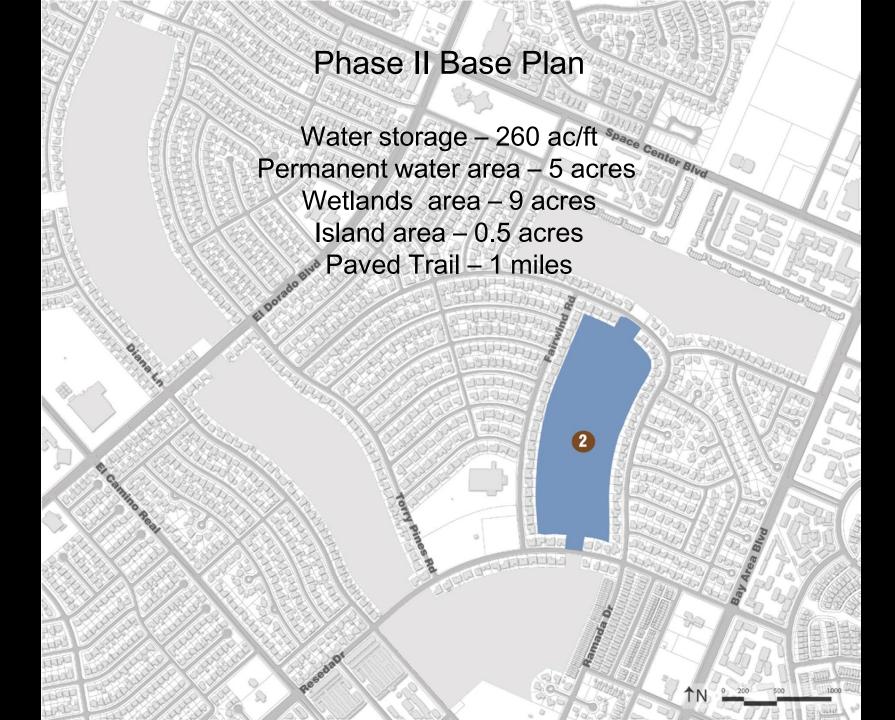




Water storage – 345 ac/ft Permanent water area – 8 acres Wetlands area – 6 acres Island area – 0.5 acres Paved Trail – 1.1 miles







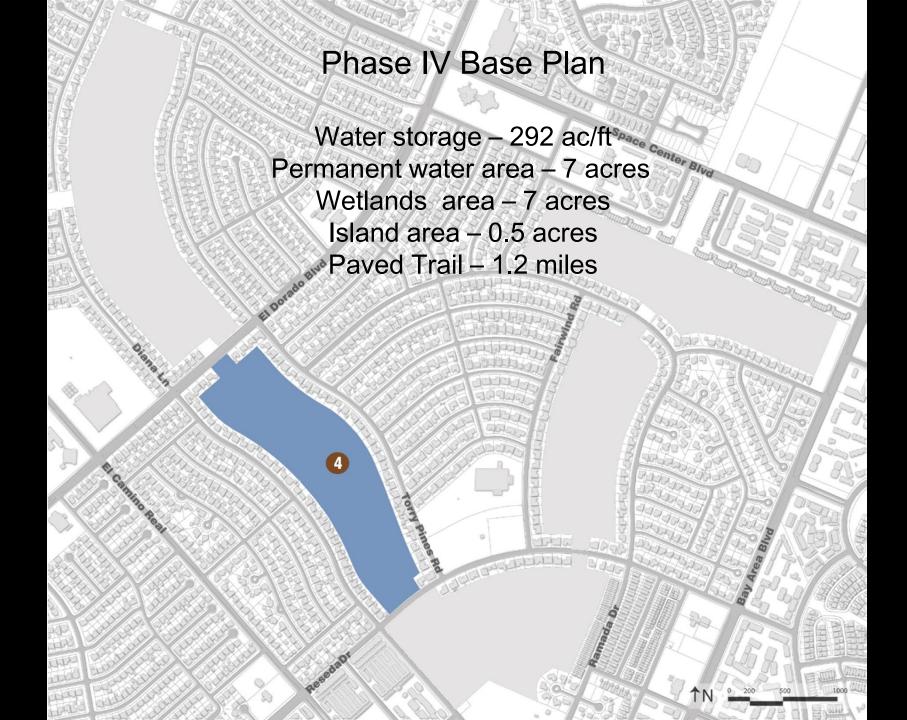


Phase III Base Plan

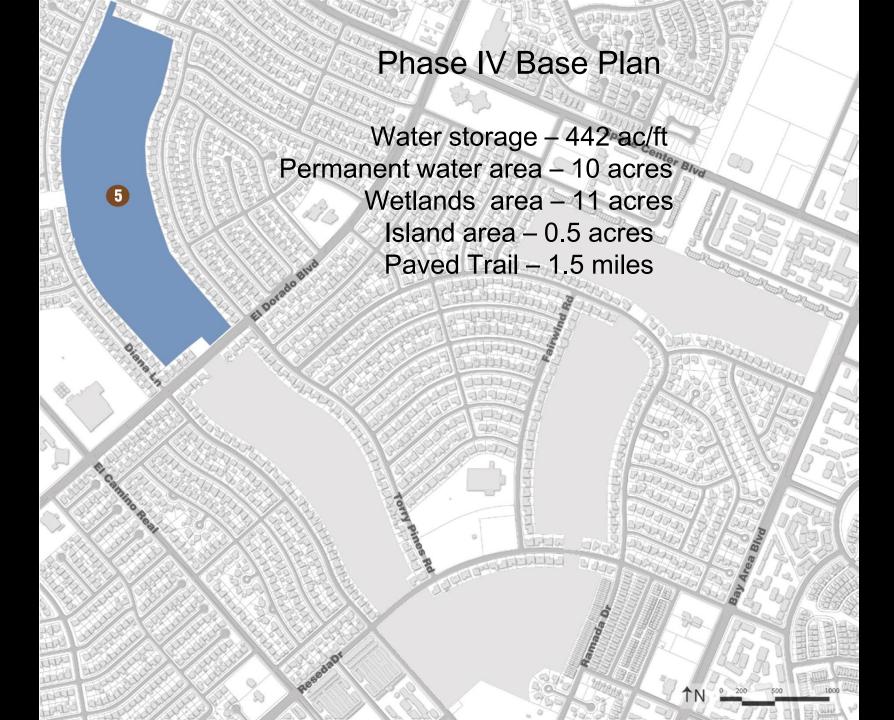
Water storage – 318 ac/ft Permanent water area – 8 acres Wetlands area – 6 acres Island area – 0.5 acres Paved Trail – 1.3 miles

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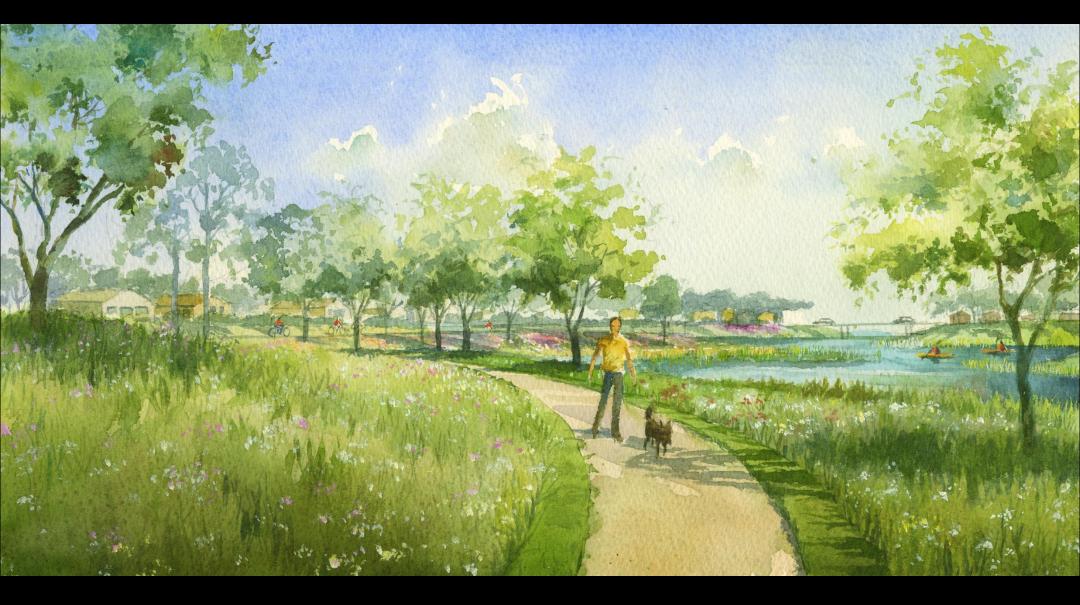




CLCWA Detention Facilities

"Making It Multi-Purpose"

- a. Flood Damage Reduction
- b. Water Quality Improvements
- c. Habitat Creation
- d. Recreation





Thank You

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