

LORTON COMMUNITY CENTER

Steering Committee Meeting

August 30, 2018

Building Design and Construction Division



COMMUNITY STEERING COMMITTEE

Agenda

- Community Center Services
- LCAC Services
- Design
 - Phase I : Community Center
 - Phase II : Library
- LEED and Sustainability Features
- Urban Forestry Coordination
- Park Authority Coordination
 - Design of Playground
- Phase II: Library
- Number of Parking Spaces
- Zoning Process
- Next Steps



COMMUNITY STEERING COMMITTEE

Fairfax County Community Centers offer a safe, structured environment for individuals of all ages, abilities and backgrounds to learn, play and engage with the community around them. Programs provided at each location are as diverse as the needs and interests of the communities they serve. Center space is also available for county residents to reserve for community meetings, clubs, classes or even social gatherings.

We serve SENIORS, ADULTS, YOUTH, AND FAMILIES:

- Fitness Classes
- Indoor Basketball
- After-school Programs
- Senior Activities
- Steam/Technology/Computer Lab
- Spring, Summer, And Winter Camps (Request)
- Therapeutic Recreation
- Various Classes

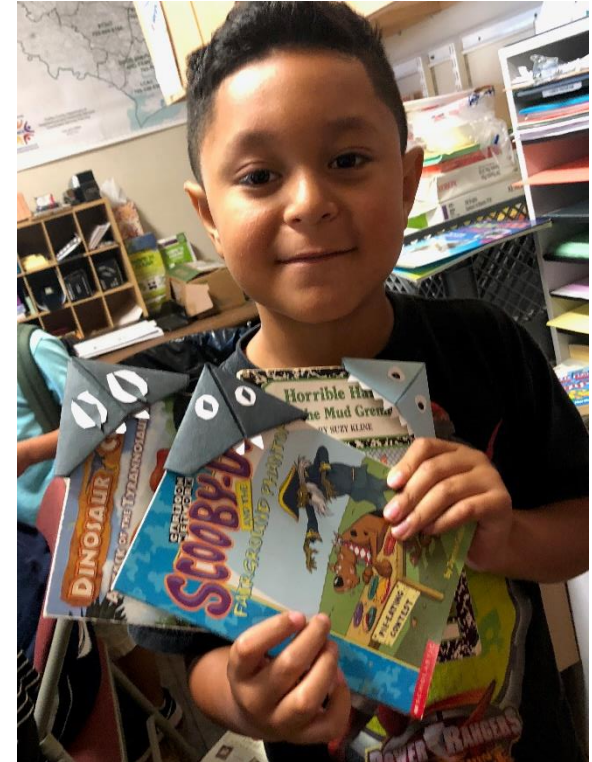


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LCAC

LCAC would provide the following services at the Lorton Community Center:

- Assistance with:
 - Weekly food
 - Emergency rent and utilities
 - Seasonal programs: Back2School, Thanksgiving, Warm Coats, Holiday
 - Summer Lunch Program
 - Case Management
 - Clothing/Household/Furniture
 - Legal issues (monthly clinic)



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LCAC

LCAC would provide the following services at the Lorton Community Center:

- Assistance with:
 - Educational opportunities:
 - Adult and children's nutrition education
 - Budgeting classes
 - Computer classes (Intro to Computers; Microsoft Word)
 - VITA Tax Program
 - One-to-One Tutoring for children
 - ESL classes
 - Resume workshops



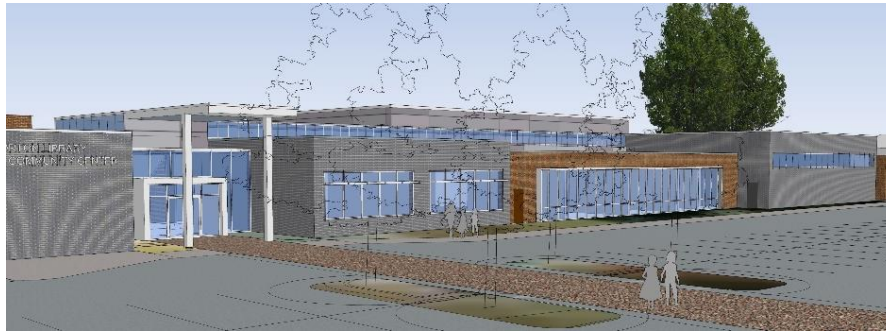
Design: Site Layout – Community Center



SITE PLAN | PHASE 1

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Design: Elevation – View of Front from Parking Lot



From the Previous Steering Committee Meeting



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Design: Elevation -View from Route #1 South



From the Previous Steering Committee Meeting



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Design: Elevation -View from Route #1 North



From the Previous Steering Committee Meeting



Design: Floor Plan



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Design: Corner Options



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Design: Corner Options



Option 1



Option 2

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What is **LEED**?

- **Leadership in Energy and Environmental Design**
 - LEED Buildings:
 - ✓ Save Energy, Water, and Resources
 - ✓ Generate less waste
 - ✓ Support human health
 - ✓ Cost less to operate
 - ✓ Boost employee productivity and retention
 - Most widely used green building rating system in the world
 - ✓ LEED certified 40-49 points
 - ✓ Silver Level 50-59 points
 - ✓ Gold Level 60-79 points
 - ✓ Platinum Level 80+ points (110 possible)



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LEED Categories:

- Location and Transportation
 - ✓ Access to transit, reduced parking footprint, green vehicles
- Sustainable Sites:
 - ✓ Redevelopment, Rainwater Management, Heat island reduction
- Water Efficiency:
 - ✓ Low flow fixtures, native landscaping, water metering
- Energy and Atmosphere
 - ✓ Min energy performance, enhanced commissioning, energy metering
- Materials and Resources
 - ✓ Recycling, construction waste management, using environmental friendly material
- Indoor Environmental Quality
 - ✓ Air quality, thermal comfort, daylight, quality views
- Innovation
 - ✓ Birds collision deterrence design, green house keeping, green building education



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Site Sustainability Options:

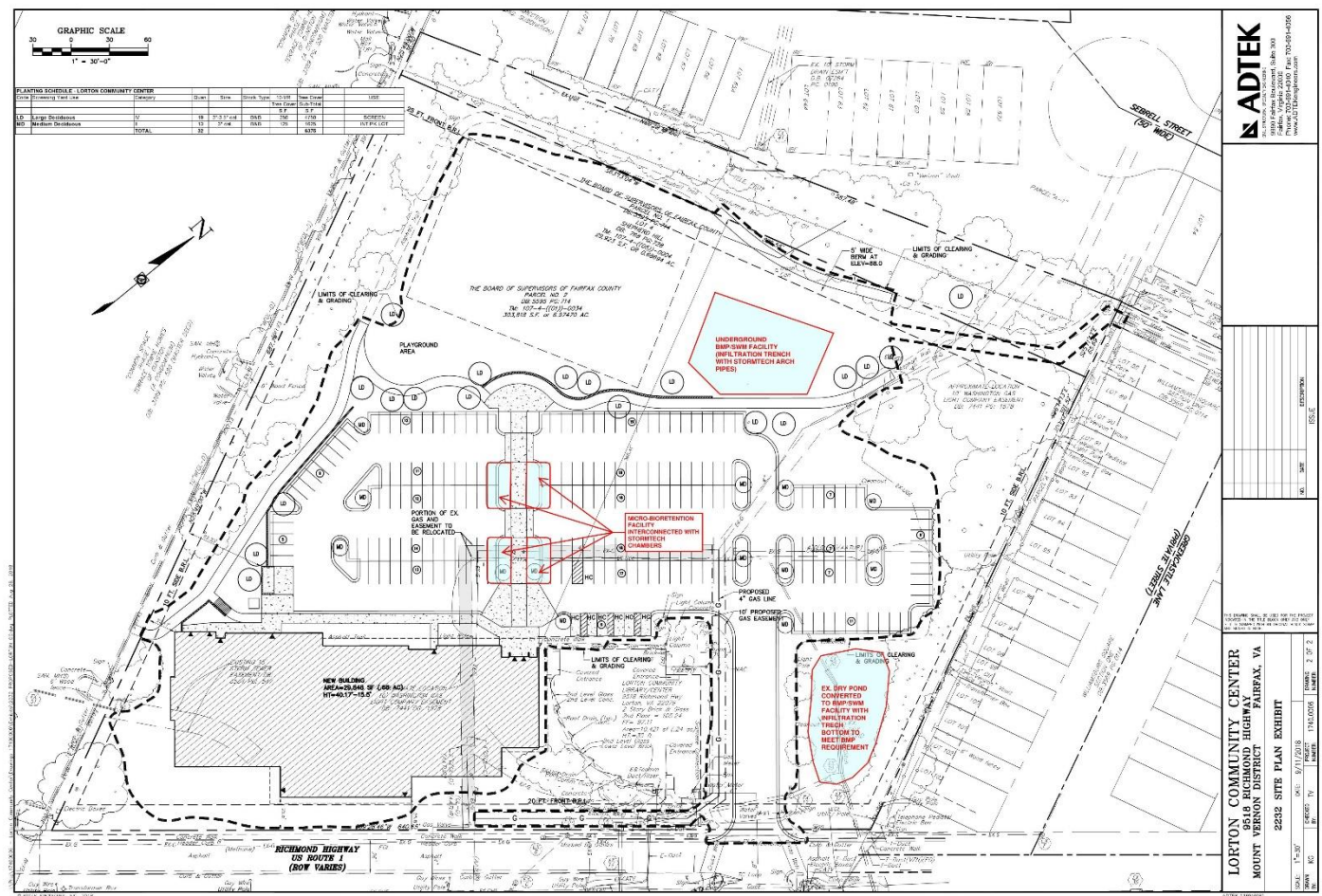
- Stormwater Planning Coordination

- Rain Garden
- Infiltration Trench
- Green Roof



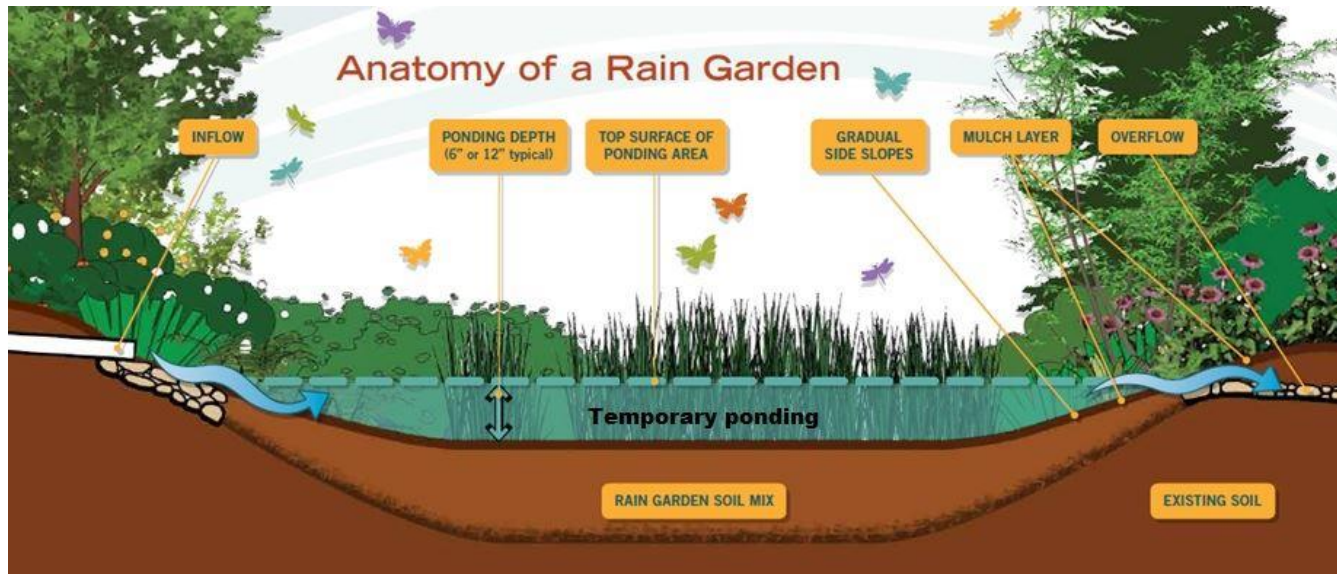
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Stormwater Management

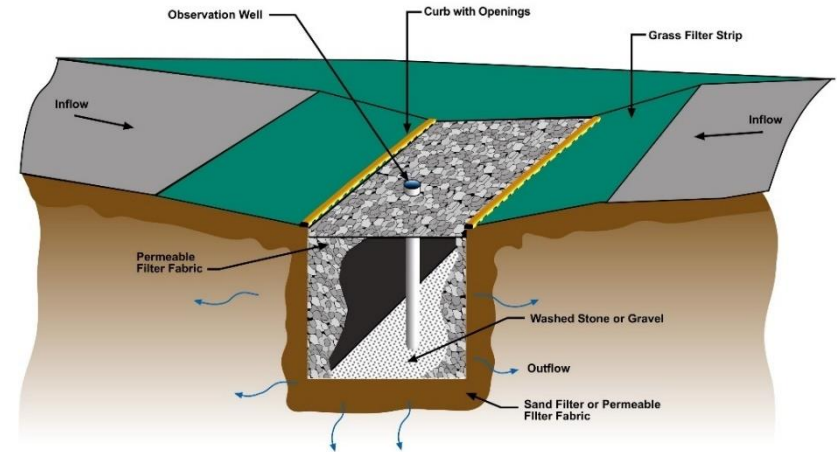
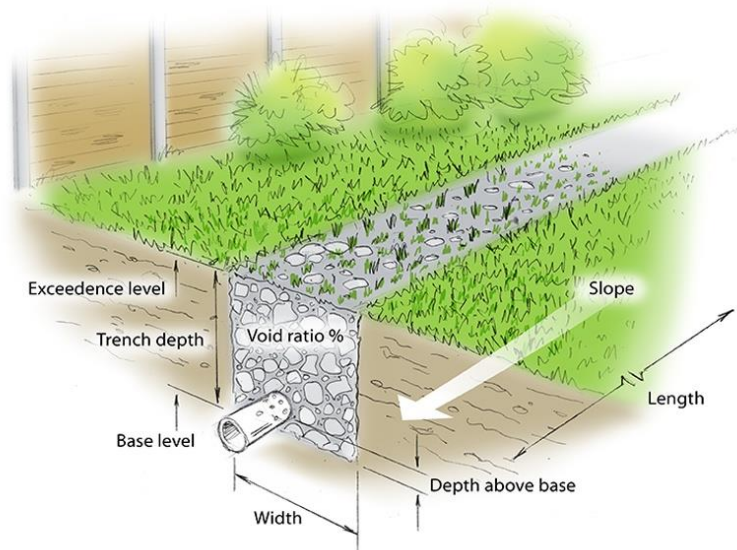


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Rain Garden

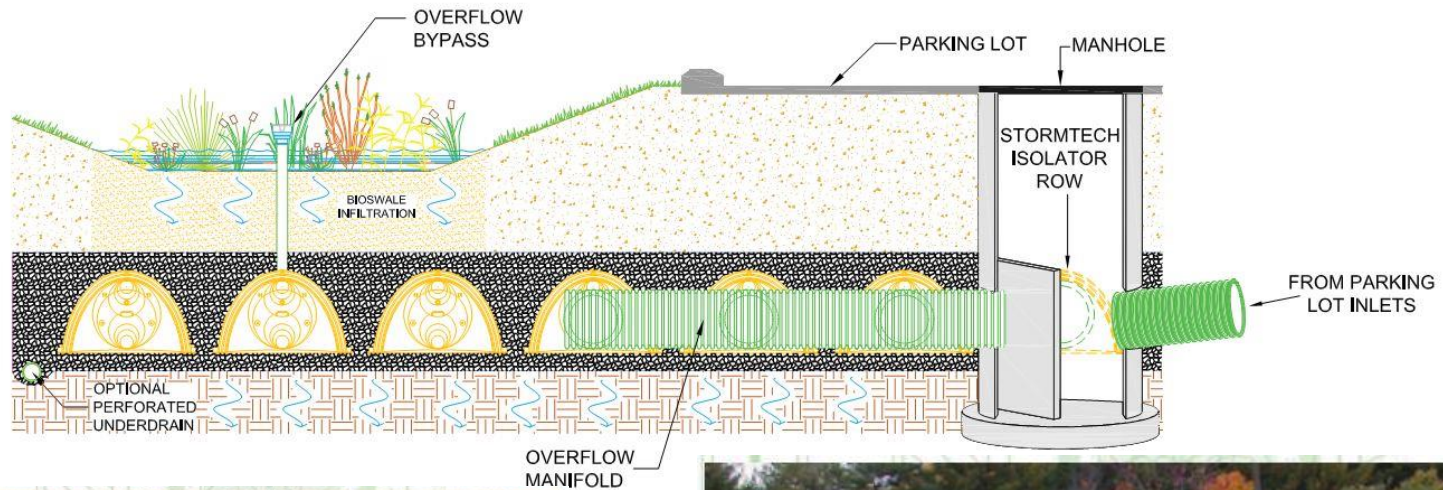


Infiltration Trench



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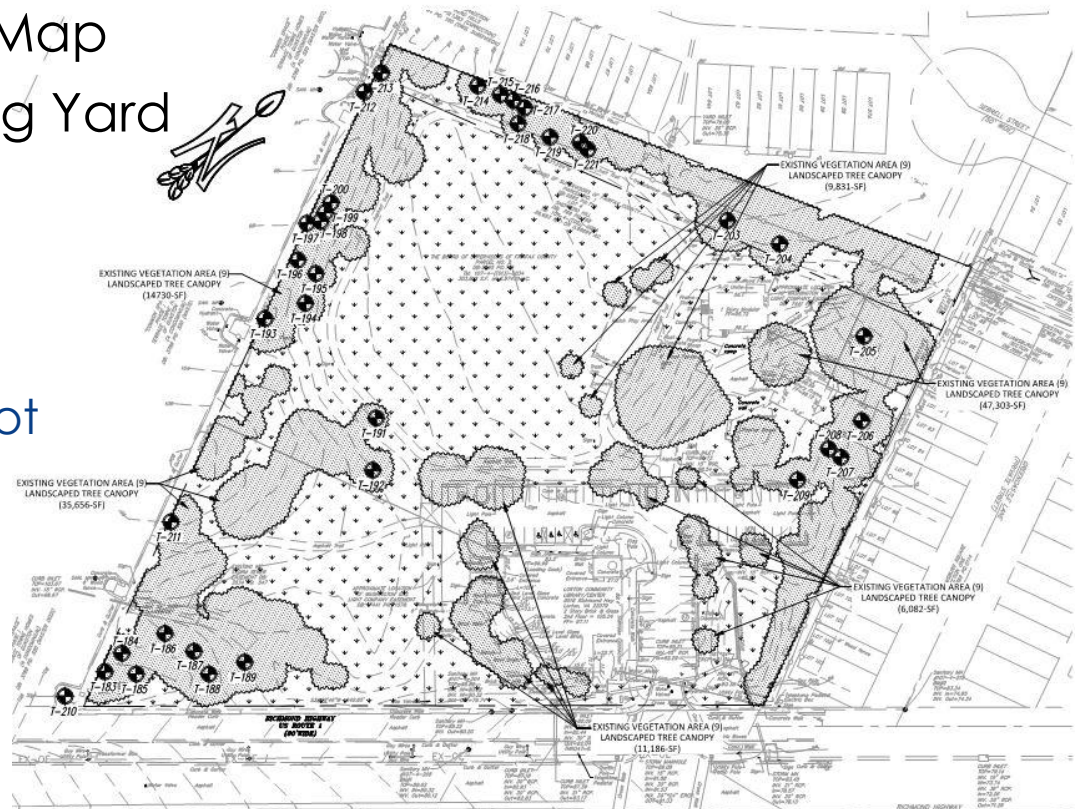
Pipe Arch Stormwater Storage



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Urban Forestry Coordination

- Existing Vegetation Map
- Transitional Screening Yard
 - 35' wide
- Proposed Trees
 - Interior Parking Lot
 - Peripheral Parking Lot



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Park Authority Coordination

- Trails
- Outdoor exercise equipment
- Design of Playground



Phase II: Site Plan – Connect Library with Community Center



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Phase II: Connect Library with Community Center



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Number of Parking Spaces

- Community Center
 - Based on number of building occupants (1 space per 3 occupants)
 - Building Code Occupancy = 920 Occupants / 317 Parking Spaces
 - Normal Occupancy = 345 Occupants / 115 Parking Spaces + 17 Employees / 17 Parking Spaces
 - ✓ 132 spaces in line with parking needs similar community centers
- Library
 - Based on building area (7 spaces per 1,000 sf of building)
 - 10,000 sf existing library requires 70 parking spaces
 - 5,000 sf expansion requires 35 parking spaces
- Total
 - 202 parking spaces for Phase I
 - 237 parking spaces for Phase II



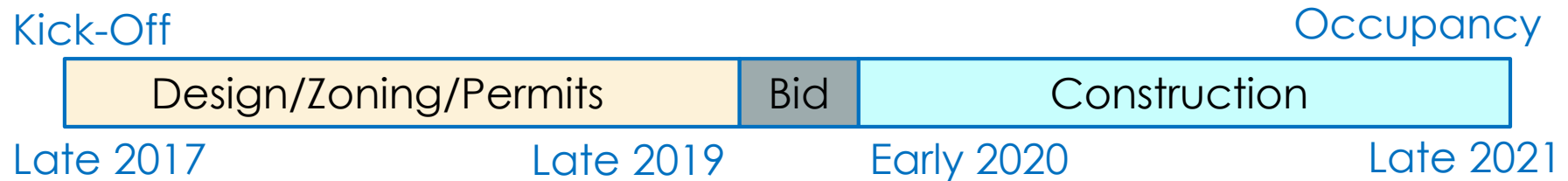
Zoning Process

- Special Exception Amendment and 2232 Application
 - Submission (September 2018)
 - DPZ Review and Comment Process
 - Planning Commission Public Hearing (January 2019)
 - BOS Meeting (February 2019)



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Schedule



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Next Steps

- Incorporate Steering Committee Comments
- Finalize the Design Development Plans (~35% Complete)
- Value Engineering
- Zoning
 - Planning Commission
 - BOS Meeting



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Questions/Comments

