

CITY OF CHARLOTTESVILLE
DEPARTMENT OF NEIGHBORHOOD DEVELOPMENT SERVICES
STAFF REPORT



JOINT CITY COUNCIL AND PLANNING COMMISSION PUBLIC HEARING

COMPREHENSIVE PLAN COMPLIANCE REVIEW

APPLICATION NUMBER: CP23-00001: 0 E High Street

DATE OF HEARING: August 8, 2023

Project Planner: Carrie Rainey

Date of Staff Report: July 31, 2023

Summary

As part of a preliminary site plan application (P22-0079) to establish a development containing multifamily residential units at 0 E High Street (TMPs 500144000, 500143000, 500143100, 500017000, 500018000), the applicant, Justin Shimp of Shimp Engineering, has proposed public facilities and uses including public streets, public land, public trail facilities, and public trail parking facilities. Per Section 34-28(a), the Planning Commission may determine whether the general location, character, and extents of the proposed public facilities and uses are compliant with the adopted comprehensive plan prior to authorization and construction of said facilities and uses. The detailed design of the proposed public facilities (such as public trail width and surfacing) is reviewed for compliance with all applicable codes and standards as part of the preliminary and final site plan review processes. This includes compliance review with the floodplain ordinance (Chapter 34), water protection ordinance (Chapter 10), and public facilities design requirements (Chapters 29 and 34, Standards and Design Manual).

Other components of the proposed development, including the multifamily residential use, private parking lot serving the multifamily units, and private amenity spaces, are not components for which the Planning Commission may conduct a comprehensive plan compliance review. The private development components are reviewed for compliance with all applicable codes and standards as part of the preliminary and final site plan review processes. The Planning Commission, per Section 34-820(d)(3), will review and approve or deny the preliminary site plan application at a future date.

Standard of Review

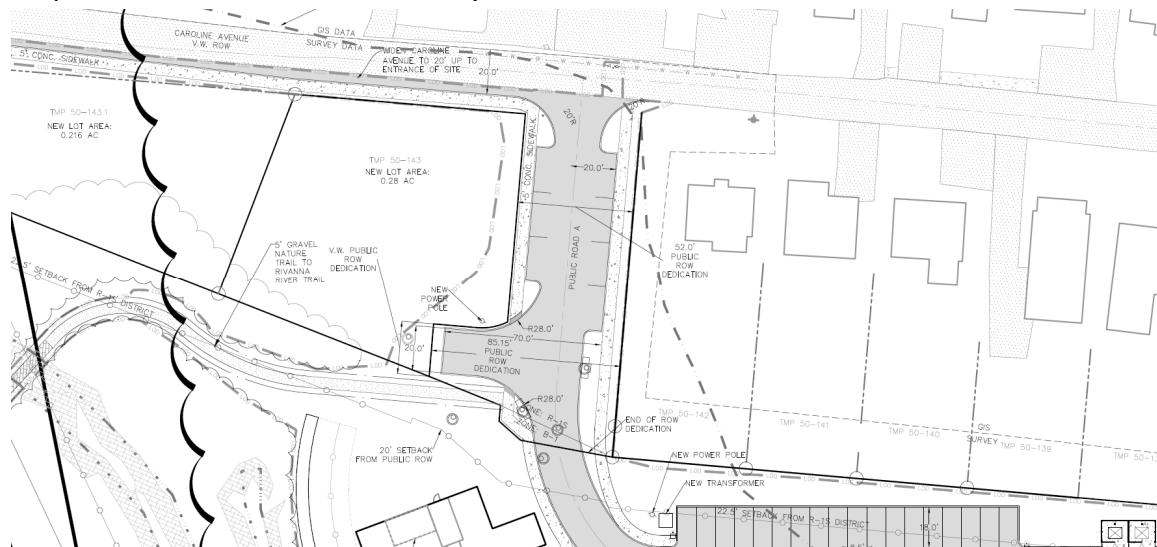
Pursuant to Virginia Code Section 15.2-2232 and City Code Section 34-28, the Planning Commission may review the proposed public facilities associated with the 0 E High development project to determine if the general character, approximate location and extent of the proposed improvements are substantially in accord with the City's adopted Comprehensive Plan or part thereof. The Planning Commission shall communicate its findings to the Charlottesville City Council, with written reasons for its approval or disapproval.

Public Streets

The applicant proposes two (2) new public streets ("Public Road A" and "Public Road B") in addition to widening existing Caroline Avenue and Fairway Avenue.

Public Road A

Proposed Public Road A—Preliminary Site Plan dated June 2, 2023



Public Road A is proposed to provide two-way vehicular travel with seven (7) public on-street parking spaces, "T and Branch" turnaround, public sidewalks 5-feet in width on both sides of the street, and curb extensions at the intersection with Caroline Avenue. Public Road A provides access to a network of proposed trails, both on private land under public easement and on land to be donated to the City, which connect to the Rivanna River trail network.

Staff Analysis: Per Section 34-28(c), public facilities may be deemed a feature already shown on the adopted comprehensive plan, provided that the city council has by ordinance or resolution defined standards governing the construction, establishment or authorization of such public facility. City Council defined standards through the adoption of the [Standards and Design Manual](#) (SADM) on December 2, 2019. The City Traffic Engineer has confirmed proposed Public

Road A, as presented, is consistent with the requirements of the SADM. The City Traffic Engineer find the roadway serves a public good by incorporating access and parking for the city trail network.

Per Section 34-241(a), the floodplain ordinance applies to both privately and publicly owned land within the Special Flood Hazard Area (SFHA) developed by the Federal Emergency Management Agency (FEMA). Per Section 34-256(b), a floodplain permit is required prior to the approval of a final site plan for the proposed development. Section 34-256(a) states that *under no circumstances shall a permit be issued to authorize any use, activity, and/or development that would adversely affect the capacity of the channels or floodways of any watercourse, drainage ditch, or any other drainage facility or system*. Therefore, the final design of proposed Public Road A must comply with the floodplain ordinance and demonstrate no adverse effect in order to receive approval.

Below are specific areas of the Comprehensive Plan and approved amendments with which Public Road A may be in line:

2021 Comprehensive Plan

Chapter 4: Land Use, Urban Form, and Historic & Cultural Preservation

Future Land Use Planning Objective: Maximize access to public open spaces, urban agriculture amenities, and schools.

Chapter 7: Environment, Climate, and Food Equity

Strategy 3.1 Sub-strategy: Improve regional public access to the river.

2022 Urban Rivanna River Corridor Plan

Recreational Activities Recommendations

Recommendation 4 Increase the number and type of public access points to the river and waterfront for better public use and enjoyment of the water, with special consideration for accessibility for people with limited mobility.

Multipurpose Trails and Bridges Recommendations

Recommendation 9 Consider opportunities to expand community-wide access to the Rivanna River Corridor through a variety of modes.

Below are specific areas of the Comprehensive Plan and approved amendments with which Public Road A may not be in line:

2021 Comprehensive Plan

Guiding Principle: Connections and Access: The City will consider land use and transportation in complementary ways, creating more accessible and safer mobility options for all. Residents and visitors will have a variety of travel choices and will be able to move safely, efficiently, and affordably throughout neighborhoods, the city, and the region, with easy access to services, employment opportunities, healthy food sources, parks, schools, and other services and amenities, regardless of vehicle ownership or physical ability. The City will place an emphasis on enhancing networks and safety for walking, riding bicycles, and public transportation.

Chapter 6: Transportation

Goal 1 Complete Streets: Create and maintain a connected network of safe, convenient, and pleasant accommodations for pedestrians, bicyclists, and transit riders, including people of all ages and abilities.

Strategy 3.1 Encourage new street connections and alternate traffic patterns, where appropriate, to improve connectivity, reduce trip lengths for all users, and distribute traffic volumes across the street network.

Strategy 7.1 Develop policies and strategies to incorporate green infrastructure as an integral part of transportation planning, and ensure transportation projects are sited and designed to avoid sensitive environmental resources and natural resiliency features such as floodplains, stream buffers, and wetlands.

Chapter 7: Environment, Climate, and Food Equity

Strategy 5.8 Work to preserve and enhance wetlands, floodplains, and other features that provide natural resiliency against climate change.

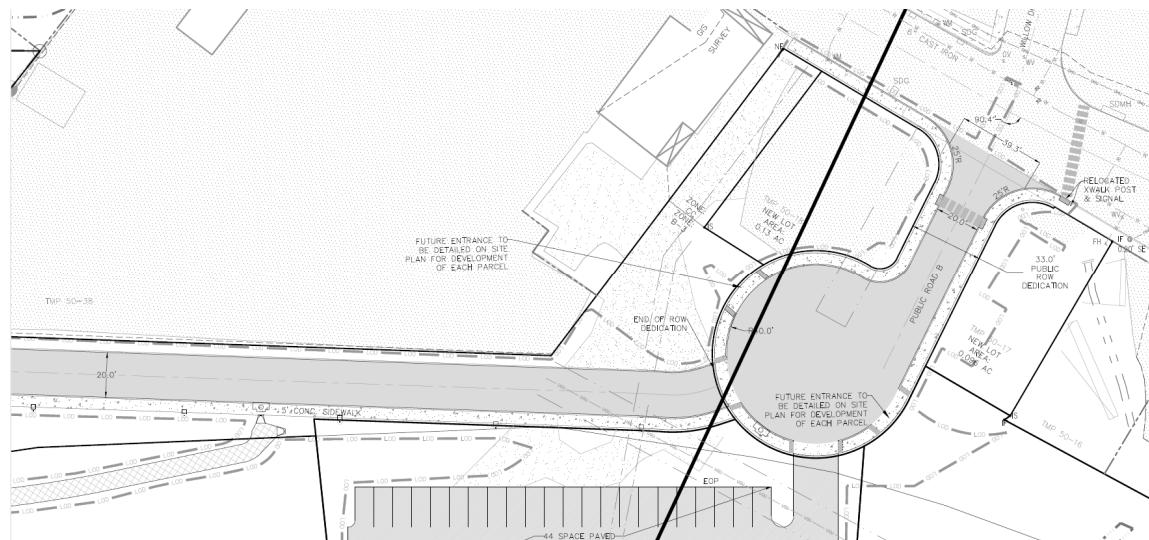
Several goals of the 2021 Comprehensive Plan and 2022 Urban Rivanna River Corridor Plan (an amendment to the comprehensive plan) speak to the importance of improving public access to the Rivanna River, public spaces, and trail networks. However, several goals also underscore the importance of preserving environmental resources such as floodplains, and the importance of a complete street network to improve connectivity and distribute traffic.

The Guiding Principles of the 2016 Streets that Work plan (an amendment to the comprehensive plan) state *Charlottesville will be a multi-modal, connected community...* and the planning of public streets will be a... *collaborative process to ensure decisions made about the city's streets reflect the public's priorities.* Public Road A is considered a *Local Street* per the 2016 Streets that Work Plan. *Local Streets* are characterized as the majority of the street

network and have no specific associated typology due to the variation of context and available space. The Streets that Work Plan notes design elements on Local Streets should not exceed the dimensions specified for *Neighborhood B* streets, and that techniques such as curb extensions are appropriate. A minimum of five (5) to six (6) feet of clear zone width for sidewalks is recommended for *Neighborhood B* streets. Sidewalks and on-street parking are noted as the highest priority street elements. Public Road A provides a five (5) foot sidewalk (without curbside buffer zone), on-street parking, and curb extensions at the intersection with Caroline Avenue. Public Road A will provide additional public access to the Rivanna River trail network but will not provide connectivity to the wider street network and community.

Public Road B

Proposed Public Road – Preliminary Site Plan dated June 2, 2023



Public Road B is proposed to provide two-way vehicular travel with “circular” turnaround and public sidewalks 5-feet in width on both sides of the street. Public Road B will align with the existing public street Willow Drive. Public Road B provides access to proposed Lot B (detailed below), which provides public parking and a public trail connection to the Rivanna River trail network.

Staff Analysis: Per Section 34-28(c), public facilities may be deemed a feature already shown on the adopted comprehensive plan, provided that the city council has by ordinance or resolution defined standards governing the construction, establishment or authorization of such public facility. City Council defined standards through the adoption of the [Standards and Design Manual](#) (SADM) on December 2, 2019. The City Traffic Engineer has confirmed proposed Public Road B, as presented, is consistent with the requirements of the SADM. The City Traffic Engineer find the roadway has a proper turn around, matches the intersection on the opposite

side of the street, and has the proper sidewalks. The roadway also serves a public good by incorporating access and parking for the city trail network.

Per Section 34-241(a), the floodplain ordinance applies to both privately and publicly owned land within the Special Flood Hazard Area (SFHA) developed by the Federal Emergency Management Agency (FEMA). Per Section 34-256(b), a floodplain permit is required prior to the approval of a final site plan for the proposed development. Section 34-256(a) states that *under no circumstances shall a permit be issued to authorize any use, activity, and/or development that would adversely affect the capacity of the channels or floodways of any watercourse, drainage ditch, or any other drainage facility or system*. Therefore, the final design of proposed Public Road B must comply with the floodplain ordinance and demonstrate no adverse effect in order to receive approval.

Below are specific areas of the Comprehensive Plan and approved amendments with which Public Road B may be in line:

2021 Comprehensive Plan

Chapter 4: Land Use, Urban Form, and Historic & Cultural Preservation

Future Land Use Planning Objective: Maximize access to public open spaces, urban agriculture amenities, and schools.

Chapter 7: Environment, Climate, and Food Equity

Strategy 3.1 Sub-strategy: Improve regional public access to the river.

2022 Urban Rivanna River Corridor Plan

Recreational Activities Recommendations

Recommendation 4 Increase the number and type of public access points to the river and waterfront for better public use and enjoyment of the water, with special consideration for accessibility for people with limited mobility.

Multipurpose Trails and Bridges Recommendations

Recommendation 9 Consider opportunities to expand community-wide access to the Rivanna River Corridor through a variety of modes.

Below are specific areas of the Comprehensive Plan and approved amendments with which Public Road B may not be in line:

2021 Comprehensive Plan

Guiding Principle: Connections and Access: The City will consider land use and transportation in complementary ways, creating more accessible and safer mobility

options for all. Residents and visitors will have a variety of travel choices and will be able to move safely, efficiently, and affordably throughout neighborhoods, the city, and the region, with easy access to services, employment opportunities, healthy food sources, parks, schools, and other services and amenities, regardless of vehicle ownership or physical ability. The City will place an emphasis on enhancing networks and safety for walking, riding bicycles, and public transportation.

Chapter 6: Transportation

Goal 1 Complete Streets: Create and maintain a connected network of safe, convenient, and pleasant accommodations for pedestrians, bicyclists, and transit riders, including people of all ages and abilities.

Strategy 3.1 Encourage new street connections and alternate traffic patterns, where appropriate, to improve connectivity, reduce trip lengths for all users, and distribute traffic volumes across the street network.

Strategy 7.1 Develop policies and strategies to incorporate green infrastructure as an integral part of transportation planning, and ensure transportation projects are sited and designed to avoid sensitive environmental resources and natural resiliency features such as floodplains, stream buffers, and wetlands.

Chapter 7: Environment, Climate, and Food Equity

Strategy 5.8 Work to preserve and enhance wetlands, floodplains, and other features that provide natural resiliency against climate change.

Several goals of the 2021 Comprehensive Plan and 2022 Urban Rivanna River Corridor Plan (an amendment to the comprehensive plan) speak to the importance of improving public access to the Rivanna River and trail networks. However, several goals also underscore the importance of preserving environmental resources such as floodplains, and the importance of a complete street network to improve connectivity and distribute traffic.

The Guiding Principles of the 2016 Streets that Work plan (an amendment to the comprehensive plan) state *Charlottesville will be a multi-modal, connected community...* and the planning of public streets will be a... *collaborative process to ensure decisions made about the city's streets reflect the public's priorities.* Public Road B is considered a *Local Street* per the 2016 Streets that Work Plan. *Local Streets* are characterized as the majority of the street network and have no specific associated typology due to the variation of context and available space. The Streets that Work Plan notes design elements on Local Streets should not exceed the dimensions specified for *Neighborhood B* streets, and that techniques such as curb extensions are appropriate. A minimum of five (5) to six (6) feet of clear zone width for sidewalks is recommended for *Neighborhood B* streets. Sidewalks and on-street parking are noted as the highest priority street elements. Public Road B provides a five (5) foot sidewalk

(without curbside buffer zone) and access to proposed Lot B, which provides a trail connection to the Rivanna River trail network. Public Road B will provide additional public access to the Rivanna River trail network contingent on the establishment of the proposed trail network connecting through Lot B but will not provide connectivity to the wider street network and community.

Widening of Caroline Avenue and Fairway Avenue

Proposed Widening and Improvements– Preliminary Site Plan dated June 2, 2023



Transit Stops



Meade Park Proximity



Caroline Avenue is proposed to be widened to meet the 20-foot minimum roadway width for two-way travel specified in the SADM and to provide a five (5) foot wide sidewalk along the development's frontage. The public sidewalk proposed on Caroline Avenue will continue around the corner to connect with the existing Fairway Avenue public sidewalk. The applicant

proposes dedicating a portion of land so that the proposed public sidewalk and the existing public sidewalk along Fairway Avenue are entirely within public right-of-way.

Staff Analysis: Per Section 34-28(c), public facilities may be deemed a feature already shown on the adopted comprehensive plan, provided that the city council has by ordinance or resolution defined standards governing the construction, establishment or authorization of such public facility. City Council defined standards through the adoption of the [Standards and Design Manual](#) (SADM) on December 2, 2019. The City Traffic Engineer has confirmed proposed improvements to Caroline Avenue and Fairway Avenue, as presented, are consistent with the requirements of the SADM. The City Traffic Engineer finds that by widening the roadway, the project meets the minimum criteria for allowing the “Road A” connection and providing a safe access point from the development to a city street.

Per Section 34-241(a), the floodplain ordinance applies to both privately and publicly owned land within the Special Flood Hazard Area (SFHA) developed by the Federal Emergency Management Agency (FEMA). Per Section 34-256(b), a floodplain permit is required prior to the approval of a final site plan for the proposed development. Section 34-256(a) states that *under no circumstances shall a permit be issued to authorize any use, activity, and/or development that would adversely affect the capacity of the channels or floodways of any watercourse, drainage ditch, or any other drainage facility or system.* Therefore, the final design of the widening of Caroline Avenue and Fairway Avenue must comply with the floodplain ordinance and demonstrate no adverse effect in order to receive approval.

Below are specific areas of the Comprehensive Plan and approved amendments with which the widening of Caroline Avenue and Fairway Avenue may be in line:

2021 Comprehensive Plan

Chapter 6: Transportation

Goal 1 Complete Streets: Create and maintain a connected network of safe, convenient, and pleasant accommodations for pedestrians, bicyclists, and transit riders, including people of all ages and abilities.

Strategy 5.7 Identify locations along bus routes needing additional bus stops, enhanced quality and comfort of bus stops, connectivity via walking/biking, and safer crossings, particularly near schools, parks, and other amenities

Chapter 7: Environment, Climate, and Food Equity

Strategy 3.1 Sub-strategy: Improve regional public access to the river.

2022 Urban Rivanna River Corridor Plan**Recreational Activities Recommendations**

Recommendation 4 Increase the number and type of public access points to the river and waterfront for better public use and enjoyment of the water, with special consideration for accessibility for people with limited mobility.

Multipurpose Trails and Bridges Recommendations

Recommendation 9 Consider opportunities to expand community-wide access to the Rivanna River Corridor through a variety of modes.

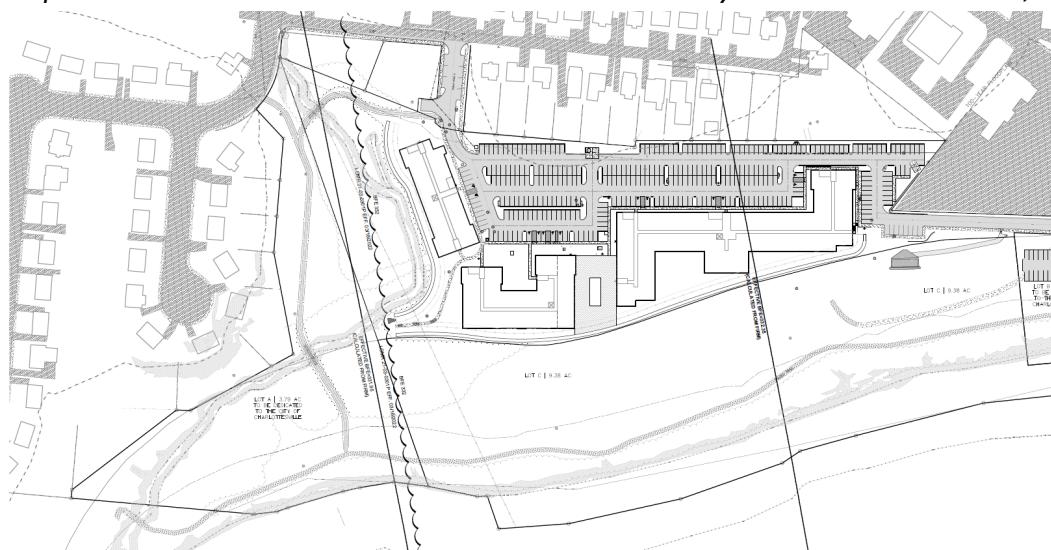
Several goals of the 2021 Comprehensive Plan and 2022 Urban Rivanna River Corridor Plan (an amendment to the comprehensive plan) speak to the importance of improving public access to the Rivanna River and trail networks as well as transit stops. The widening of Caroline Avenue and Fairway Avenue will permit a new public sidewalk connection on Caroline Avenue, which will connect pedestrians to both proposed Public Road A and Lot A, as well as the existing transit stop on Fairway Avenue and nearby Meade Park. However, the widening will not address the lack of sidewalks on the remainder of Caroline Avenue.

Public Land and Facilities

The applicant proposes the dedication of two (2) new parcels (“Lot A” and “Lot B”). Lot A is proposed to include a new public trail and Lot B is proposed to include a new public trail parking lot and trail connection to the existing Rivanna Trail.

Lot A

Lot A is 3.79 acres in area with frontage on Fairway Avenue. In addition to the proposed public trail, Lot A also encompasses a portion of the existing Rivanna Trail and Rivanna River riverbank, a portion of Meade Creek, and includes stands of mature forest and critical slopes areas. Lot A includes areas of floodplain (BFE) and floodway of the Rivanna River. The proposed trail on Lot A will connect to both Fairway Avenue and proposed Public Road A. The connection to Public Road A is proposed as a new trail on private land (TMP 50-144) with a public access easement to ensure continued access by the public. The proposed trail on Lot A will include a bridge structure over Meade Creek and adjacent critical slopes. Proposed disturbance on Lot A is limited to the area of the proposed public trail.

Proposed Lot Dedication and Trail Network – Preliminary Site Plan dated June 2, 2023

Meade Creek

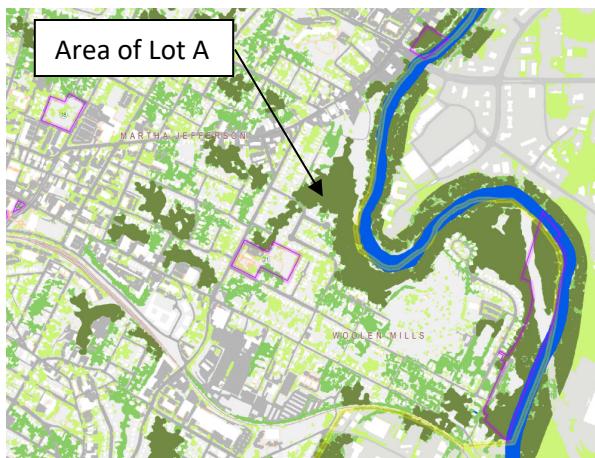


Critical Slopes



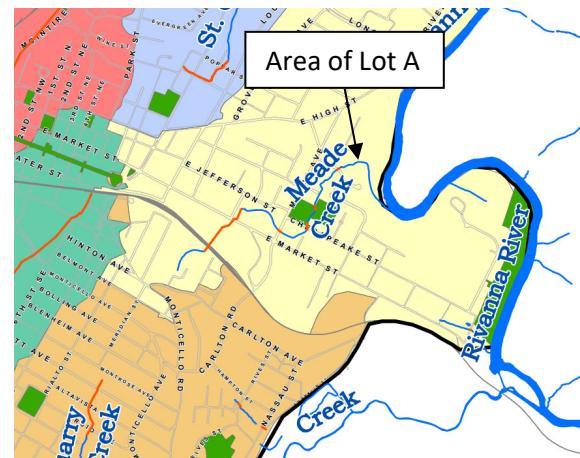
Rivanna Trail



Tree Canopy Patches- 2020 City GreenPrint 1.0

Tree Canopy Patches

- Greater than 1 Acre (with greater than 1, but less than 10 meter edge)
- Greater than 1 Acre (with 10 meter edge)
- Other tree canopy (inside city limits); All tree canopy, 2009 (outside city limits)

2011 Local Waterways

Staff Analysis: Per Section 34-241(a), the floodplain ordinance applies to both privately and publicly owned land within the Special Flood Hazard Area (SFHA) developed by the Federal Emergency Management Agency (FEMA). Per Section 34-256(b), a floodplain permit is required prior to the approval of a final site plan for the proposed development. Section 34-256(a) states that *under no circumstances shall a permit be issued to authorize any use, activity, and/or development that would adversely affect the capacity of the channels or floodways of any watercourse, drainage ditch, or any other drainage facility or system*. Therefore, the final design of the proposed trail must comply with the floodplain ordinance and demonstrate no adverse effect in order to receive approval.

Below are specific areas of the Comprehensive Plan and approved amendments with which the dedication of Lot A and new trail facility may be in line:

2021 Comprehensive Plan

Priority Area: Keep Charlottesville green, make it greener, and protect the natural environment and the many benefits it provides.

Chapter 6: Transportation

Strategy 8.7 Seek opportunities for private donations of trail easements and construction of trail enhancements such as bridges or interpretive signage.

Chapter 7: Environment, Climate, and Food Equity

Strategy 3.1 Sub-strategy: Improve regional public access to the river.

Strategy 3.1 Sub-strategy: Continue public acquisition of natural areas along waterways to enable management strategies that protect water and habitat quality.

Strategy 5.8 Work to preserve and enhance wetlands, floodplains, and other features that provide natural resiliency against climate change.

Chapter 9: Community Facilities & Services

Strategy 13.1 Sub-strategy: Prioritize and encourage acquisition of natural areas, particularly along existing and proposed trails and near the Rivanna River, through developer contributions and fee simple purchase.

Strategy 15.2 Encourage land and easement acquisition along trail corridors to ensure permanent use as trail and the ability to manage land as park space, for multimodal enhancement, and as a green infrastructure resource.

Strategy 15.3 Ensure that all new trails and trail improvements are designed within the context of surrounding natural systems and urban areas to maximize positive and minimize negative impacts on environmental systems and cultural and historic resources.

2022 Urban Rivanna River Corridor Plan

Environmental Protection Recommendations

Recommendation 2 Retain and steward natural habitats and systems throughout the river corridor.

Recommendation 8 Protect and enhance forests within the river corridor with particular focus on the 100' stream buffer zone.

Recreational Activities Recommendations

Recommendation 4 Increase the number and type of public access points to the river and waterfront for better public use and enjoyment of the water, with special consideration for accessibility for people with limited mobility.

Multipurpose Trails and Bridges Recommendations

Recommendation 9 Consider opportunities to expand community-wide access to the Rivanna River Corridor through a variety of modes.

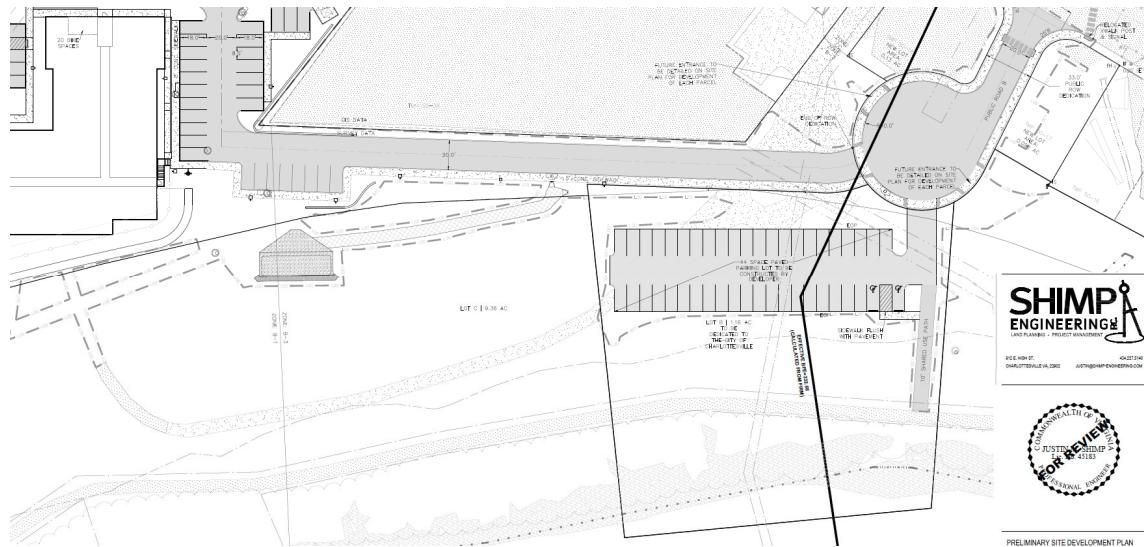
Several goals of the 2021 Comprehensive Plan and 2022 Urban Rivanna River Corridor Plan (an amendment to the comprehensive plan) speak to importance of protecting tree canopy and habitats, particularly in areas within the Rivanna River corridor and near local waterways. The 2020 City GreenPrint 1.0 plan (an appendix of the comprehensive plan) identifies the forested area of Lot A as part of a larger tree canopy patch, and notes such patches can provide wildlife habitat, infiltration of stormwater, and other ecological benefits beyond those provided by individual tree plantings. Donation of Lot A will allow the City to preserve and protect the environmental resources on the lot.

Several goals of the 2021 Comprehensive Plan and 2022 Urban Rivanna River Corridor Plan speak to importance of increasing public access to the Rivanna River and trail network. The 2015 Bicycle and Pedestrian Master Plan (an amendment to the comprehensive plan) recommends a new shared use path connection in the area of Lot A between the Rivanna River Trail and Fairway Avenue. Therefore, the trail network proposed on Lot A will provide an additional connection to the Rivanna River in a priority location.

Lot B

Lot B is 1.16 acres in area with frontage on the proposed Public Road B. In addition to the proposed public trail parking lot with trail access to the Rivanna Trail, Lot B also encompasses a portion of the existing Rivanna Trail and Rivanna River riverbank. Lot B contains areas of floodplain (BFE) and floodway of the Rivanna River. Proposed disturbance on Lot B is limited to the area of the proposed public trail parking lot with trail access detailed below.

Proposed Lot Dedication, Public Parking Lot, and Trail Network – Preliminary Site Plan dated June 2, 2023



Rivanna Trail*Critical Slopes**Riverview Park Proximity*

Staff Analysis: Per Section 34-241(a), the floodplain ordinance applies to both privately and publicly owned land within the Special Flood Hazard Area (SFHA) developed by the Federal Emergency Management Agency (FEMA). Per Section 34-256(b), a floodplain permit is required prior to the approval of a final site plan for the proposed development. Section 34-256(a) states that *under no circumstances shall a permit be issued to authorize any use, activity, and/or development that would adversely affect the capacity of the channels or floodways of any watercourse, drainage ditch, or any other drainage facility or system*. Therefore, the final design of the proposed parking lot and trail must comply with the floodplain ordinance and demonstrate no adverse effect in order to receive approval.

Below are specific areas of the Comprehensive Plan and approved amendments with which the dedication of Lot B may be in line:

2021 Comprehensive Plan

Chapter 6: Transportation

Strategy 8.7 Seek opportunities for private donations of trail easements and construction of trail enhancements such as bridges or interpretive signage.

Chapter 7: Environment, Climate, and Food Equity

Strategy 3.1 Sub-strategy: Improve regional public access to the river.

Chapter 9: Community Facilities & Services

Strategy 15.2 Encourage land and easement acquisition along trail corridors to ensure permanent use as trail and the ability to manage land as park space, for multimodal enhancement, and as a green infrastructure resource.

Strategy 15.3 Ensure that all new trails and trail improvements are designed within the context of surrounding natural systems and urban areas to maximize positive and minimize negative impacts on environmental systems and cultural and historic resources.

2022 Urban Rivanna River Corridor Plan

Recreational Activities Recommendations

Recommendation 4 Increase the number and type of public access points to the river and waterfront for better public use and enjoyment of the water, with special consideration for accessibility for people with limited mobility.

Multipurpose Trails and Bridges Recommendations

Recommendation 9 Consider opportunities to expand community-wide access to the Rivanna River Corridor through a variety of modes.

Several goals of the 2021 Comprehensive Plan and 2022 Urban Rivanna River Corridor Plan speak to importance of increasing public access to the Rivanna River and trail network. Riverview Park, located approximately one (1) mile south as measured along the Rivanna Trail, is the nearest public parking facility providing access to the Rivanna Trail. The high utilization rate of parking at Riverview Park indicates additional public parking facilities would improve community access to the Rivanna Trail. Therefore, the proposed public trail parking and associated trail connection to the Rivanna Trail will provide an additional connection to the Rivanna River in a priority location.

Public Comment

Many members of the public have provided comments to staff, the Planning Commission, and City Council on the associated preliminary site plan since the application was first filed in August 2022. While many comments focus on the associated private development (which is not under Planning Commission review for comprehensive plan compliance), the following items were noted by multiple members of the public regarding the facilities under review by the Planning Commission:

- Public Roads A and B do not provide connectivity, do not adequately address traffic conditions, and do not align with the comprehensive plan.
- The importance of maintaining public access to the Rivanna River Trail.
- The importance of preserving the floodplain and existing vegetation/wildlife habitat.
- The desire to see the property to become a public park or natural area.
- Construction of the public parking lot on Lot B will negatively impact the Rivanna River.

Staff Recommendations

Staff recommends the Planning Commission consider each facility individually:

- Public Road A
- Public Road B
- Widening of Caroline Avenue and Fairway Avenue
- Lot A with public trail (lot donation and trail may be considered separately)
- Lot B with public parking and public trail (lot donation, parking lot, and trail may be considered separately)

Suggested Motions

1. I move to approve the general character, location, and extents of all public facilities proposed as part of the 0 E High preliminary site plan as substantially in accord with the adopted comprehensive plan.

OR,

2. I move to approve only the general character, location, and extents of the following public facilities proposed as a part of the 0 E High preliminary site plan as substantially in accord with the adopted comprehensive plan.
 - a.
 - b.

OR,

3. I move to deny the general character, location, and extents of all public facilities proposed as a part of the 0 E High preliminary site plan are substantially in accord with the adopted comprehensive plan.

Attachments

- A. Preliminary Site Plan dated June 2, 2023

PRELIMINARY SITE DEVELOPMENT PLAN

0 E HIGH STREET

TAX MAP 50 PARCEL 144

PORTION OF TAX MAP 50 PARCEL 17,

TAX MAP 50 PARCEL 18,

TAX MAP 50 PARCEL 143

& TAX MAP 50 PARCEL 143.1

CITY OF CHARLOTTESVILLE, VIRGINIA

LEGEND

EXISTING	NEW	DESCRIPTION
		BOUNDARIES
		BENCHMARK
		ADJACENT PROPERTY OR ROW LINE
		BUILDING SETBACK
		PARKING SETBACK
		SITE TEXT
		PARKING COUNT
		TOPOGRAPHY
		INDEX CONTOUR
		INTERVAL CONTOUR
		SPOT ELEVATION
		TOP OF CURB ELEVATION
		TOP OF WALL ELEVATION
		BOTTOM OF WALL ELEVATION
		STREAM
		STREAM BUFFER
		100 YEAR FLOODPLAIN
		BUILDING
		RETAINING WALL
		STAIRS
		EDGE OF PAVEMENT
		ROAD CENTERLINE
		FRONT OF CURB
		BACK OF CURB
		CG-12 TRUNCATED DOME
		SIDEWALK
		BIKE PARKING
		HANDICAP ACCESSIBLE AISLE
		HANDICAP PARKING
		MATERIAL
		CONCRETE
		RIPRAP
		ASPHALT
		EC-2 MATTING
		EC-3 MATTING
		WETLAND
		TREELINE
		FENCE
		UTILITY
		UTILITY POLE
		GUY WIRE
		OVERHEAD UTILITY
		UNDERGROUND UTILITY
		UNDERGROUND TELEPHONE
		UNDERGROUND ELECTRIC
		STORM
		STORM MANHOLE
		DROP INLET
		STORM SEWER
		ROOF DRAIN
		SANITARY
		SANITARY MANHOLE
		SANITARY SEWER MAIN
		SANITARY SEWER LATERAL
		WATER
		WATER LINE
		WATER SERVICE LINE
		WATER METER
		WATER METER VAULT
		FIRE HYDRANT
		FIRE DEPARTMENT CONNECTION
		GAS LINE
		EASEMENTS
		CONSTRUCTION
		GRADING
		ACCESS
		SIGHT DISTANCE
		UTILITY
		STORMWATER FACILITY MAINTENANCE
		STORMWATER ACCESS
		DRAINAGE
		SANITARY
		WATERLINE
		GASLINE

OWNER

50-144: Southern Ventures Inc 50-143: Southern Vector, Inc. 50-143.1: Wendall Wood
410 Ednam Drive P.O. Box 5548 410 Ednam Drive
Charlottesville, VA 22901 Charlottesville, VA 22903

DEVELOPER

Seven Development 310 Old Ivy Way, Suite 204
Charlottesville, VA 22903

PLAN PREPARATION

Shimp Engineering, P.C.
912 E High Street
Charlottesville, VA 22902
(434)227-5140

PROPERTY ADDRESS

0 E High Street
Charlottesville, VA 22901

ZONING

The zoning for TMP 50-144 are as follows, per a determination by City Zoning:

50-143 & 50-143.1: R-1S
50-17 & 50-18: CC Central City Corridor

SOURCE OF TITLE

DB 426 PG 282

BENCHMARK

NAVD 88

SOURCE OF BOUNDARY AND TOPOGRAPHY

ALTA survey provided by Lotts & Associates, P.C., July 7, 2022

ALTA survey for TMP 50-17 & 50-18 provided by Foresight Survey, P.C., February 14, 2023

Two (2)-ft interval contours provided by LiDAR, Virginia Geographic Information Network, 2016

FLOODZONE

1. FEMA flood insurance rate map (community panel 51003C0287D & 51003C0289D), effective date February 4, 2005 shows this property is within Zone AE Regulatory Floodplain. FEMA letter of map revision (LOMR 21-03-0301P), effective date March 16, 2022, established floodway as shown in this site plan.

2. Field stakeout of floodway limits shall be completed prior to the start of construction for city inspection.

WATER & SANITARY SERVICES

1. All materials used for water and sanitary sewer service lines are to comply with requirements as outlined in both the BOCA Code and the regulations used by the Department of Utilities for the City of Charlottesville. All waterline shut downs must be coordinated with and performed by the City. Developer must hand out notices to affected customers at least 48 hours in advance.

3. Per the Virginia Department of Health Waterworks Regulations (Part II, Article 3, Section 12 VAC 5-590 through 630), all buildings that have the possibility of contaminating the potable water distribution system (hospitals, industrial sites, breweries, etc.) shall have a backflow prevention device installed within the facility. This device shall meet specifications of the Virginia Uniform Statewide Building Code, shall be tested in regular intervals as required, and test results shall be submitted to the Regulatory Compliance Administrator in the Department of Utilities.

4. All buildings that may produce wastes containing more than one hundred (100) parts per million of fats, oil, or grease shall install a grease trap. The grease trap shall meet specifications of the Virginia Uniform Statewide Building Code, maintain records of cleaning and maintenance, and be inspected on regular intervals by the Regulatory Compliance Administrator in the Department of Utilities.

5. Please contact the Regulatory Compliance Administrator at 970-3032 with any questions regarding the grease trap or backflow prevention devices.

Demands:

Water: 245 residential units, Max = 29,400 gph, Peak = 44,100 gph

Sewer: 245 residential units = 62,700 gal/day

Critical Slopes

There are critical slopes within the project area. No disturbance proposed.

GENERAL NOTES

1. The information and data shown or indicated with respect to the existing underground utilities at or contiguous to the site are based on information and data furnished to the owner and engineer by the owners of such underground facilities or others. The owner or engineer shall not be responsible for the accuracy or completeness of such information or data. The contractor shall have full responsibility for confirming the accuracy of the data, for locating all underground utilities, for coordination of the work with owners of such underground utilities during construction, for the safety and protection thereof and repairing any damage thereto resulting from the work. All of these conditions shall be met at no additional cost to the owner. The contractor shall contact "Miss Utilities" of Virginia at 1-800-552-7001 prior to the start of work.

2. When working adjacent to existing structures, poles, etc., the contractor shall use whatever methods that are necessary to protect structures from damage. Replacement of damaged structures shall be at the contractor's expense.

3. The contractor shall be responsible for protecting all existing site structures from damage and coordinating work so that the owner can make necessary arrangements to modify/protect existing structures from damages.

4. The contractor shall be responsible for notifying all utility owners, adjacent land owners whose property may be impacted and the Virginia Department of Transportation prior to completing any off-site work.

5. Contractor shall notify and coordinate all work involving existing utilities with utility owners, at least 72 hours prior to the start of construction.

6. Contractor shall immediately report any discrepancies between existing conditions and contract documents to the owner and engineer.

7. Contractor shall submit for the approval of the owner submittals of all specified materials listed in the plans, to include shop drawings, manufacturer's specifications and laboratory reports, the owner's approval of submittals will be general and will not relieve the contractor from the responsibility of adherence to the contract and for any error that may exist.

8. All bare areas shall be scarified, limed, fertilized, seeded and mulched.

9. All trees, saplings, brush, etc. shall be removed from within the right of way and the drainage easements.

10. Retaining walls require separate building permits.

UTILITY MARKINGS

Miss Utility Ticket Number B026051443 - September 24, 2020

SIGNS

All signs and pavement markings shall conform with the latest edition of the MUTCD Guidelines.

DESIGN STANDARDS

Buildings to comply with most current Virginia Construction Code

Construction Type: Type 5A

Occupancy: R-2

RIVANNA WATER & SEWER AUTHORITY NOTES

1. All materials and methods of construction shall comply with the latest version of the General Water and Sewer Design and Construction Standards – Version 1.0, adopted in December 2015, except as modified below or modified in special notes.

2. RWSA shall approve all construction materials and methods of construction. A preconstruction conference shall be held with RWSA prior to the start of any work.

3. The contractor shall be responsible for notifying Miss Utility (1-800-552-7001).

4. RWSA Engineer (Victoria Fort at (434) 977-2970 ext. 205) shall be notified three business days prior to the start of construction.

5. All work is subject to inspection by RWSA staff. No tie-ins to the existing system shall be made without coordination with and the presence of RWSA staff. No work shall be conducted on RWSA facilities on weekends or holidays without special written permission from RWSA.

6. For sanitary sewer line construction: RWSA may require bypass pumping for tie-ins to the existing system. All doghouse manholes must be pressure-tested before a connection is made to the system.

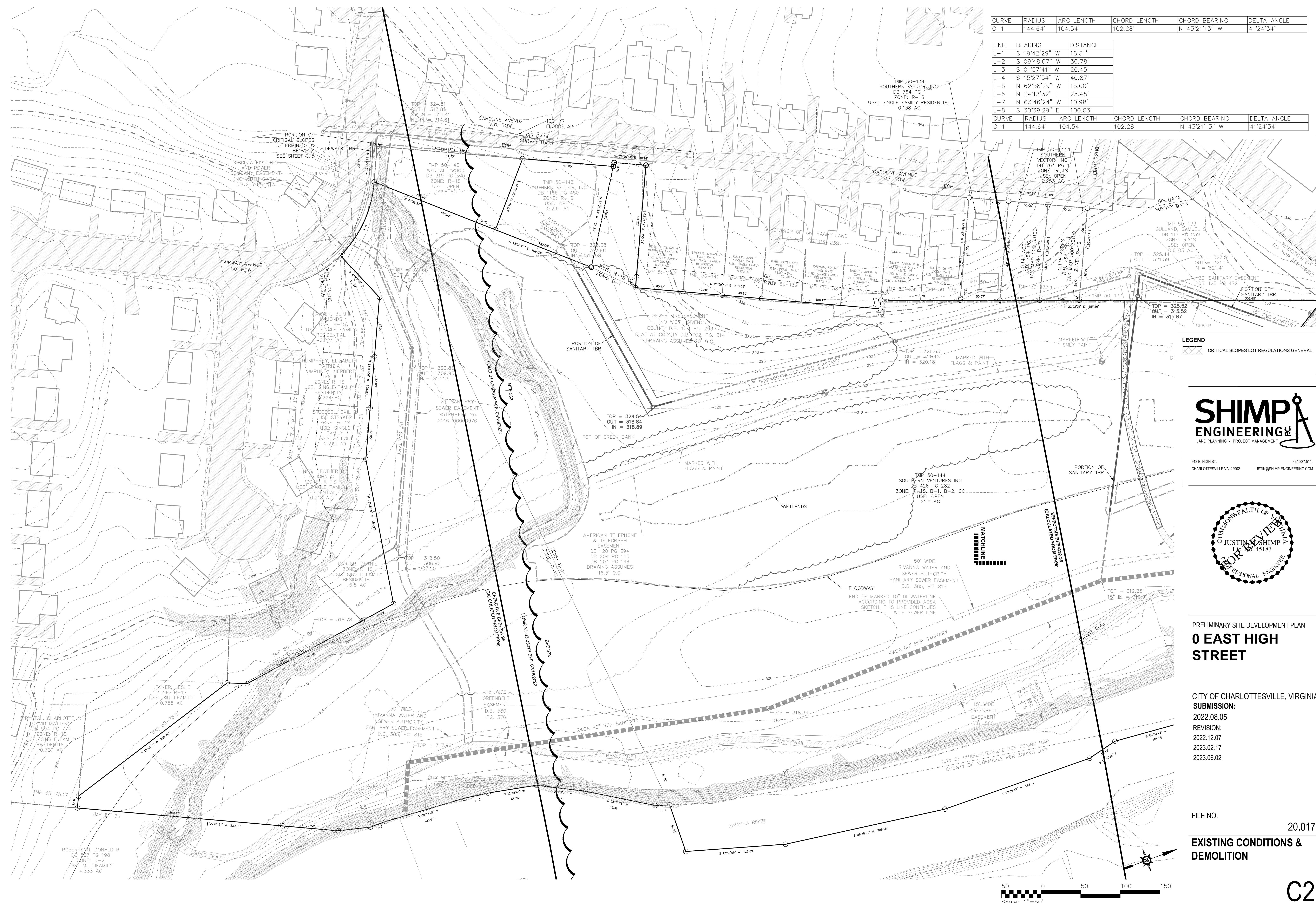
7. The location of existing utilities as shown on the plans is from data available at the time of design and is not necessarily complete or accurate. The Contractor shall be responsible for the verification of the location, size and depth of all existing utilities, both surface and subsurface. The Contractor shall immediately notify the Engineer of any discrepancies between the plans and field conditions. The Contractor shall use due diligence to protect all utilities and structures from damage at all times, whether shown on the plans or not.

8. Damage to any existing utilities shall be repaired by the Contractor to the original condition at no additional cost to the Owner.

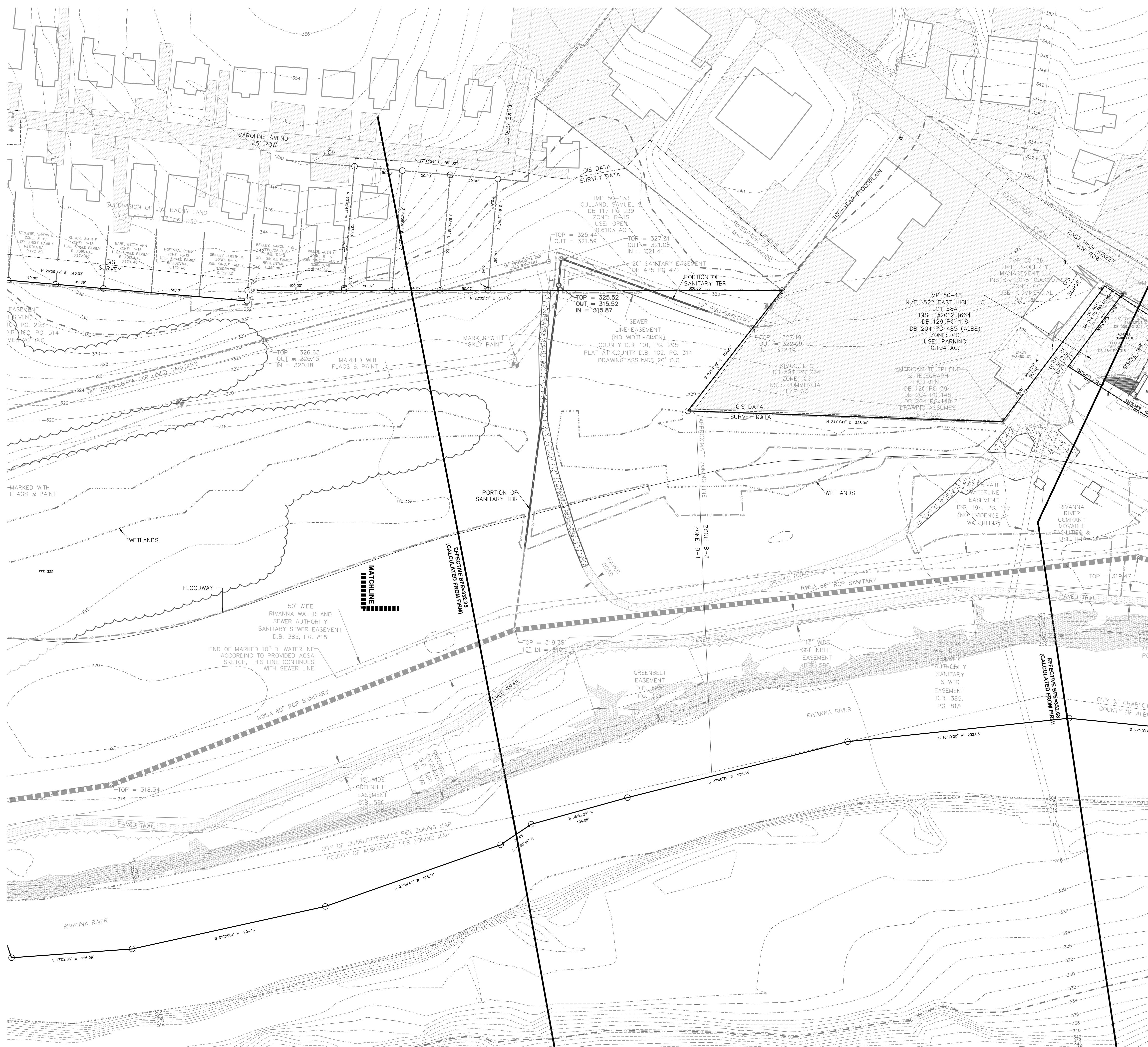
9. Erosion and sediment control facilities shall not be permitted in the RWSA easement without special written permission from RWSA. No grading shall be permitted in the RWSA easement unless permitted otherwise by RWSA in writing.

10. No blasting shall be permitted within 100 feet of RWSA facilities without written permission and RWSA approval of the blasting plan. Ground monitoring during blasting and a pre-blast survey may be required. For blasting within 100 feet of any operative RWSA sewerlines, bypass pumping and/or pre- and post-CCTV may be required. RWSA may also require certification from a licensed professional engineer stating that the proposed blasting will not damage any RWSA facilities. Damage to any utilities due to blasting shall be repaired by the Contractor to the original condition at no additional cost to the Owner.

11. The contractor shall observe minimum separation requirements for utility crossings. When a crossing is made under an existing facility, adequate structural support shall be provided for the existing pipe. The area of the crossing shall be backfilled with compacted 57 stone to the springline of the existing



C2



CURVE RADIUS ARC LENGTH CHORD LENGTH CHORD BEARING DELTA ANGLE

LINE BEARING DISTANCE

L-1 S 19°42'29" W 18.31'

L-2 S 09°48'07" W 30.78'

L-3 S 01°57'41" W 20.45'

L-4 S 15°27'54" W 40.87'

L-5 N 62°58'29" W 15.00'

L-6 N 24°13'32" E 25.45'

L-7 N 63°46'24" W 10.98'

L-8 S 30°39'29" E 100.03'

CURVE RADIUS ARC LENGTH CHORD LENGTH CHORD BEARING DELTA ANGLE

BOUNDARY CURVE TABLE: 50-17 & 50-18					
Curve	Length	Radius	Delta	Tangent	Chord
C1	49.96'	1456.40'	1°57'56"	24.98'	49.96' N 55°00'43" E
C2	6.63'	1456.40'	01°53'39"	3.31'	6.63' N 53°53'56" E

Scale: 1"=50'

LEGEND

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LAND PLANNING - PROJECT MANAGEMENT

912 E. HIGH ST.
CHARLOTTESVILLE VA 22902

434.227.5140

COMMONWEALTH OF VIRGINIA
JUSTIN M. SHIMP
Lic. # 45183
PROFESSIONAL ENGINEER

PRELIMINARY SITE DEVELOPMENT PLAN
0 EAST HIGH STREET

CITY OF CHARLOTTESVILLE, VIRGINIA
SUBMISSION:
2022.08.05
REVISION:
2022.12.07
2023.02.17
2023.06.02

FILE NO.

20.017

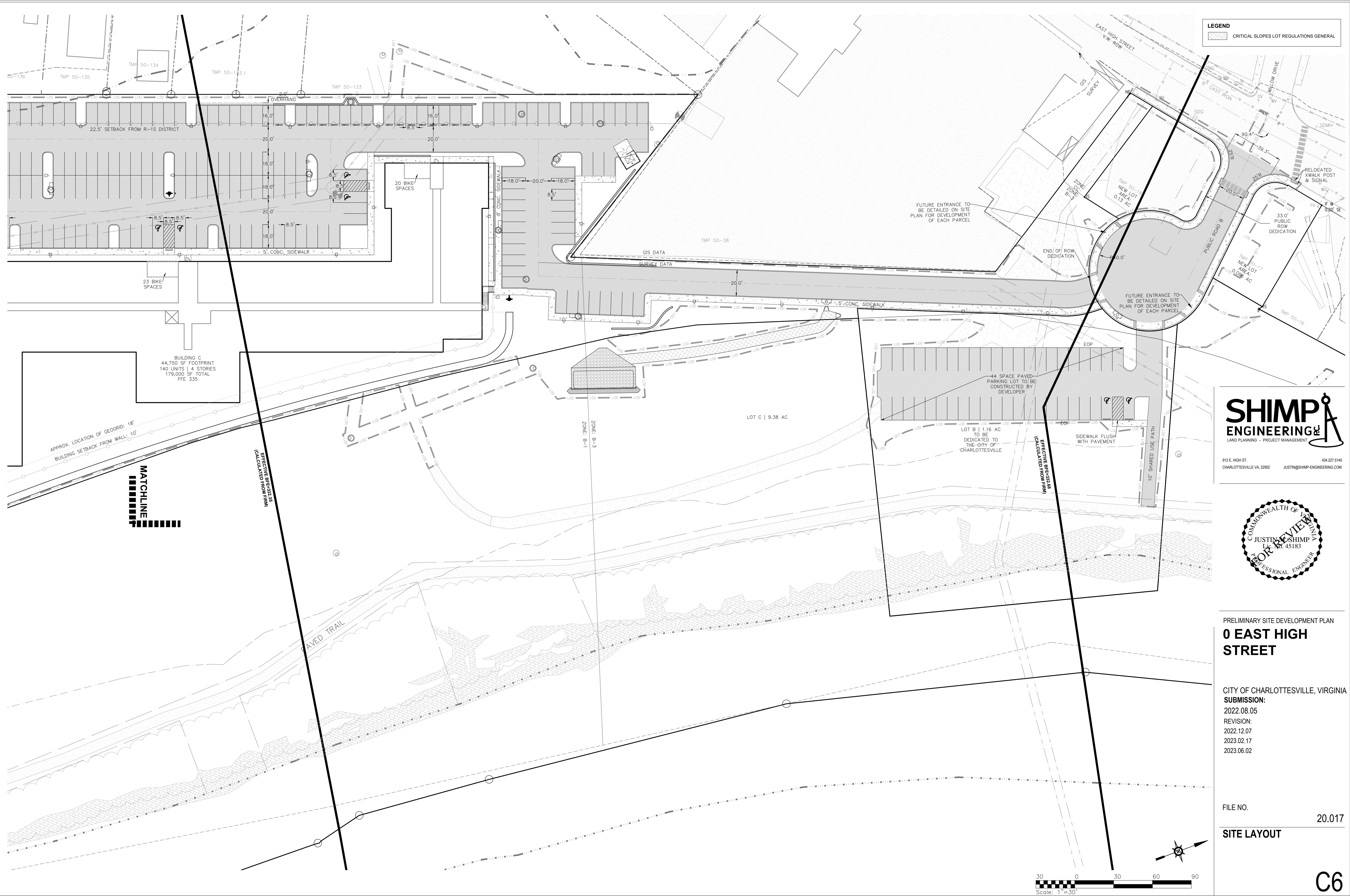
EXISTING CONDITIONS &
DEMOLITION

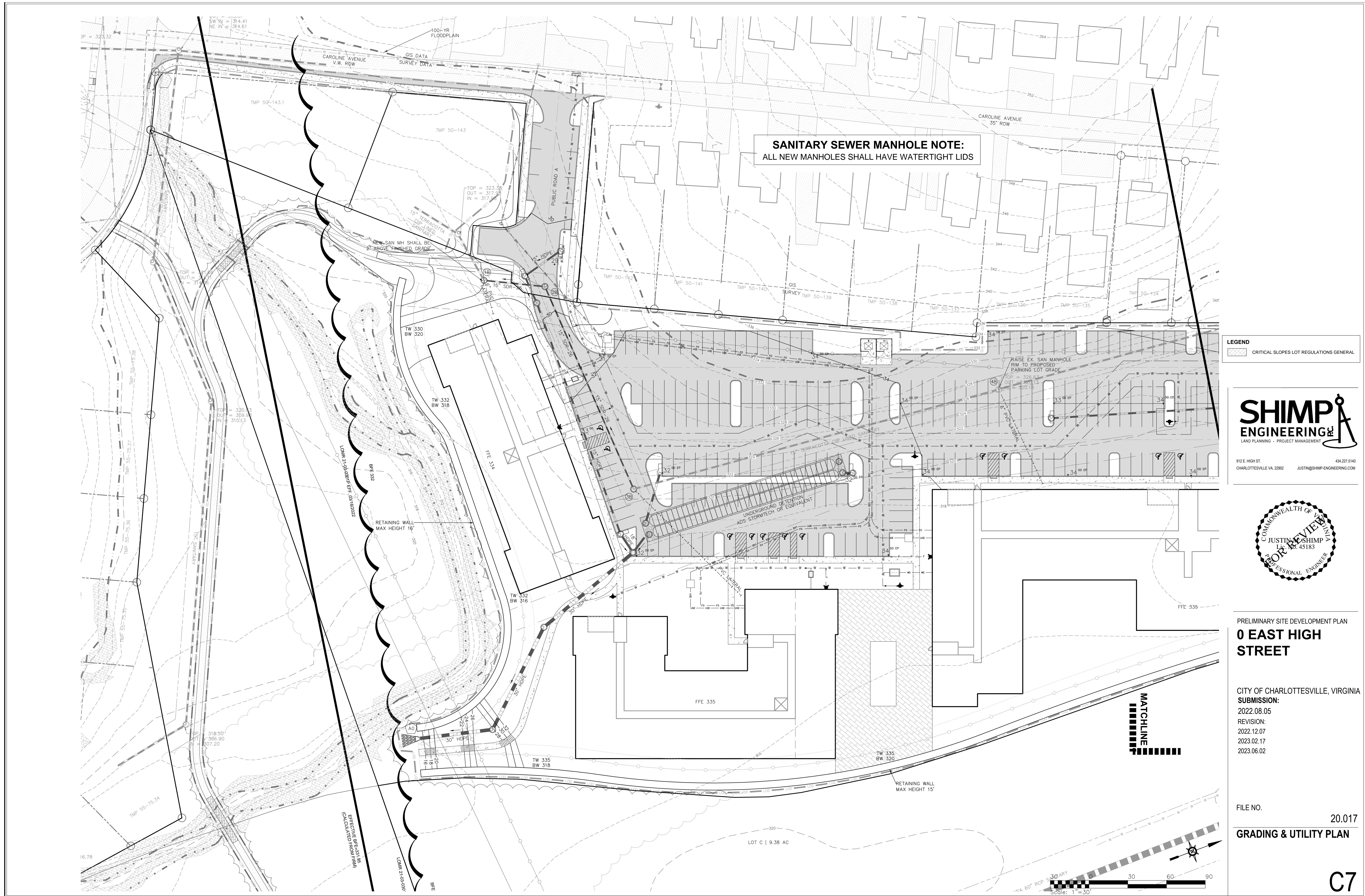
C3



C4

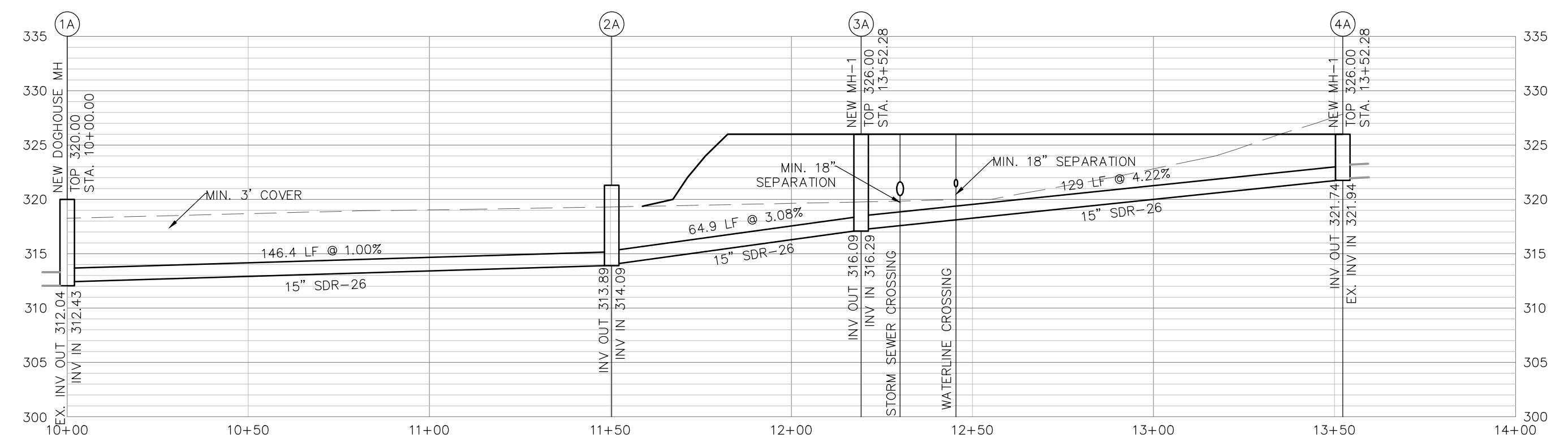
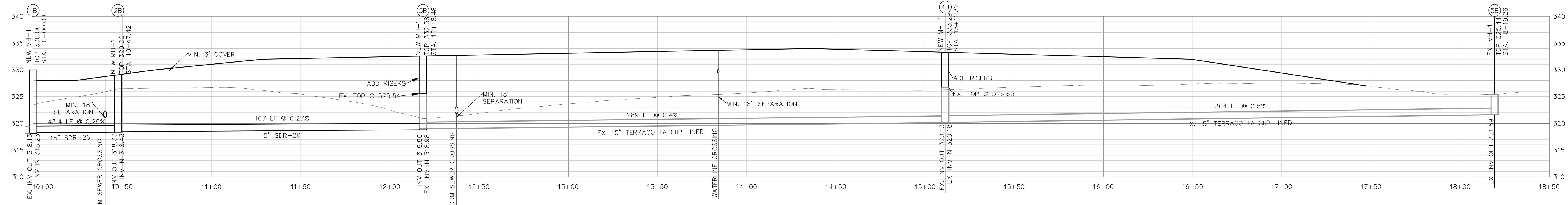




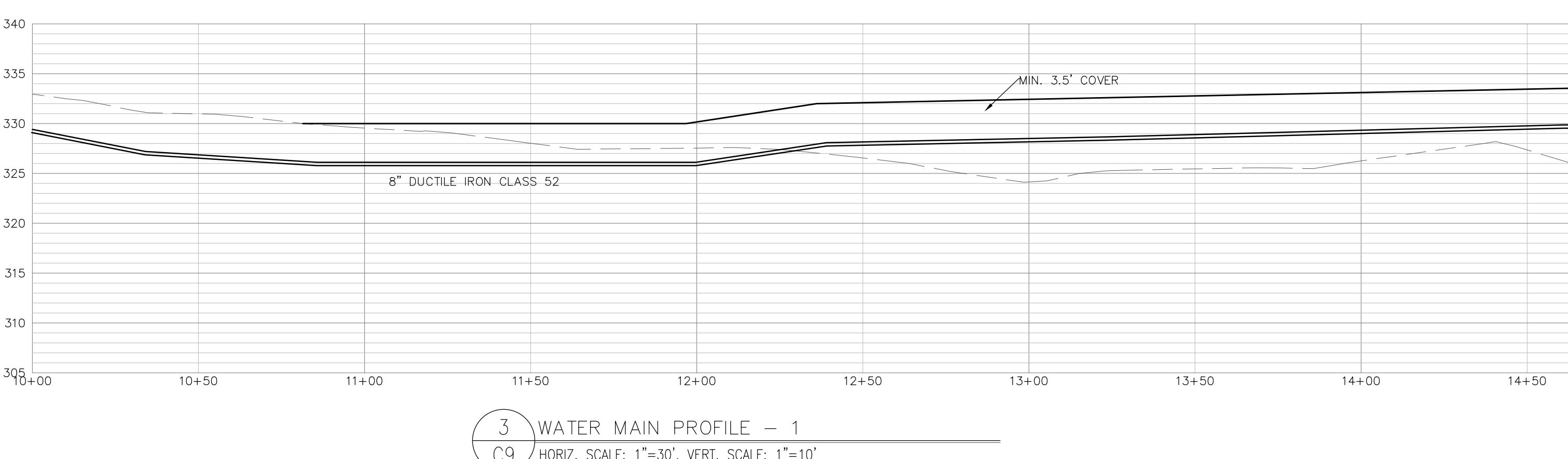




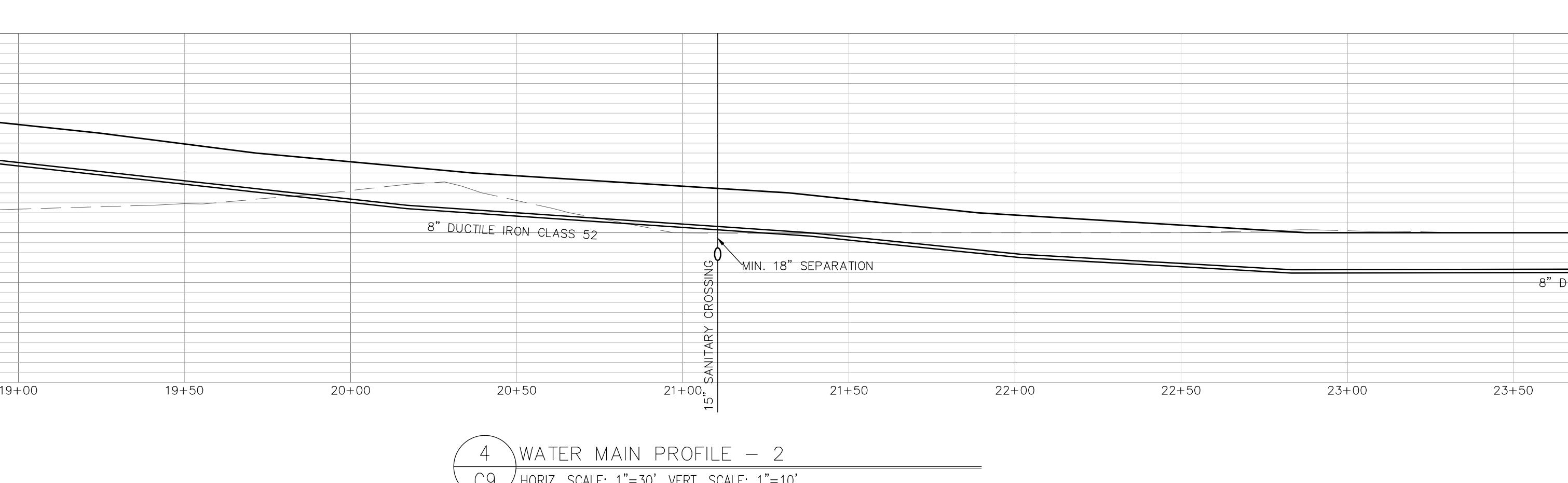
C8



2 SANITARY SEWER PROFILE 1A-4A
C9 HORIZ. SCALE: 1'=30', VERT. SCALE: 1'=10'



PRELIMINARY SITE DEVELOPMENT PLAN
0 EAST HIGH STREET



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CITY OF CHARLOTTESVILLE, VIRGINIA
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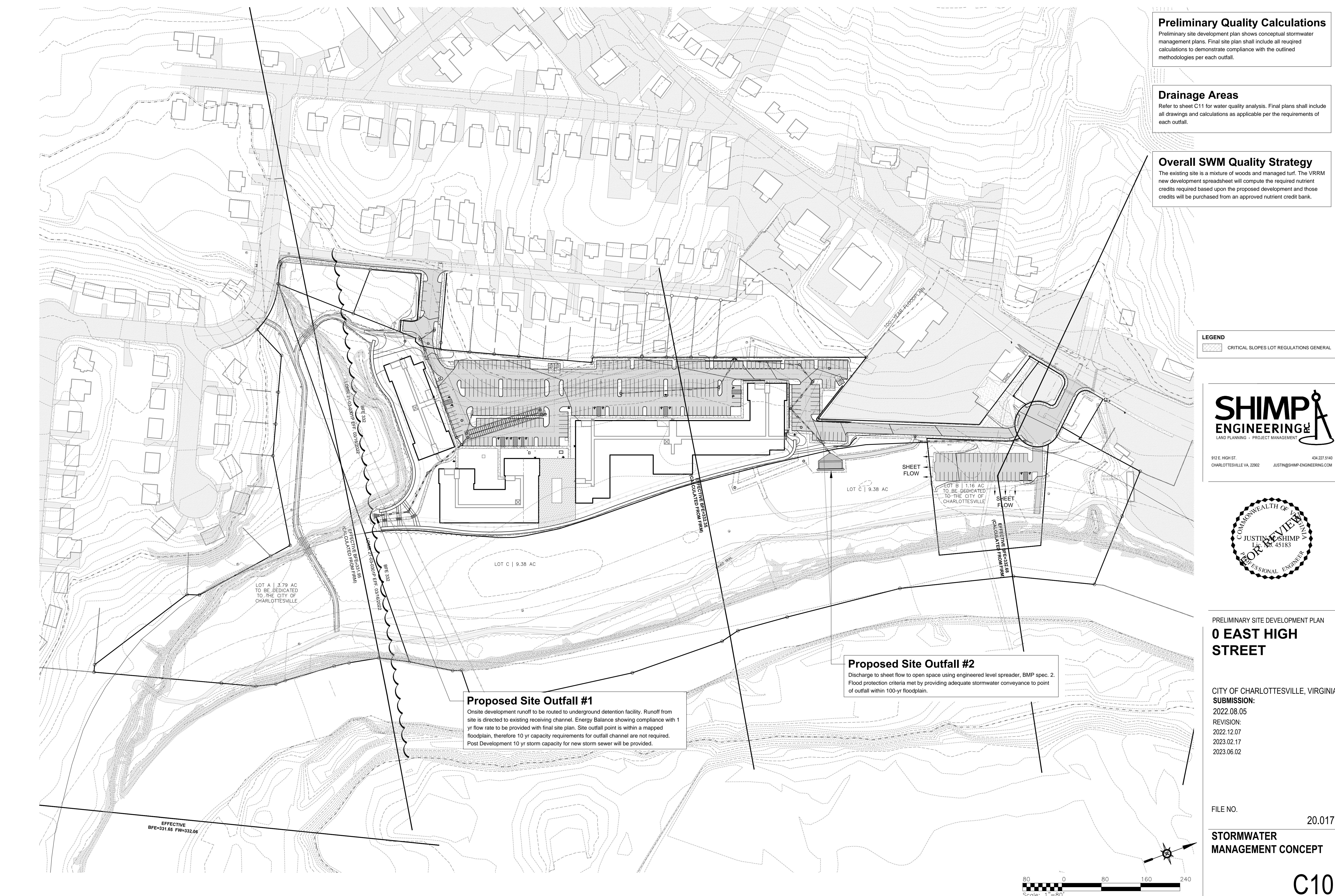
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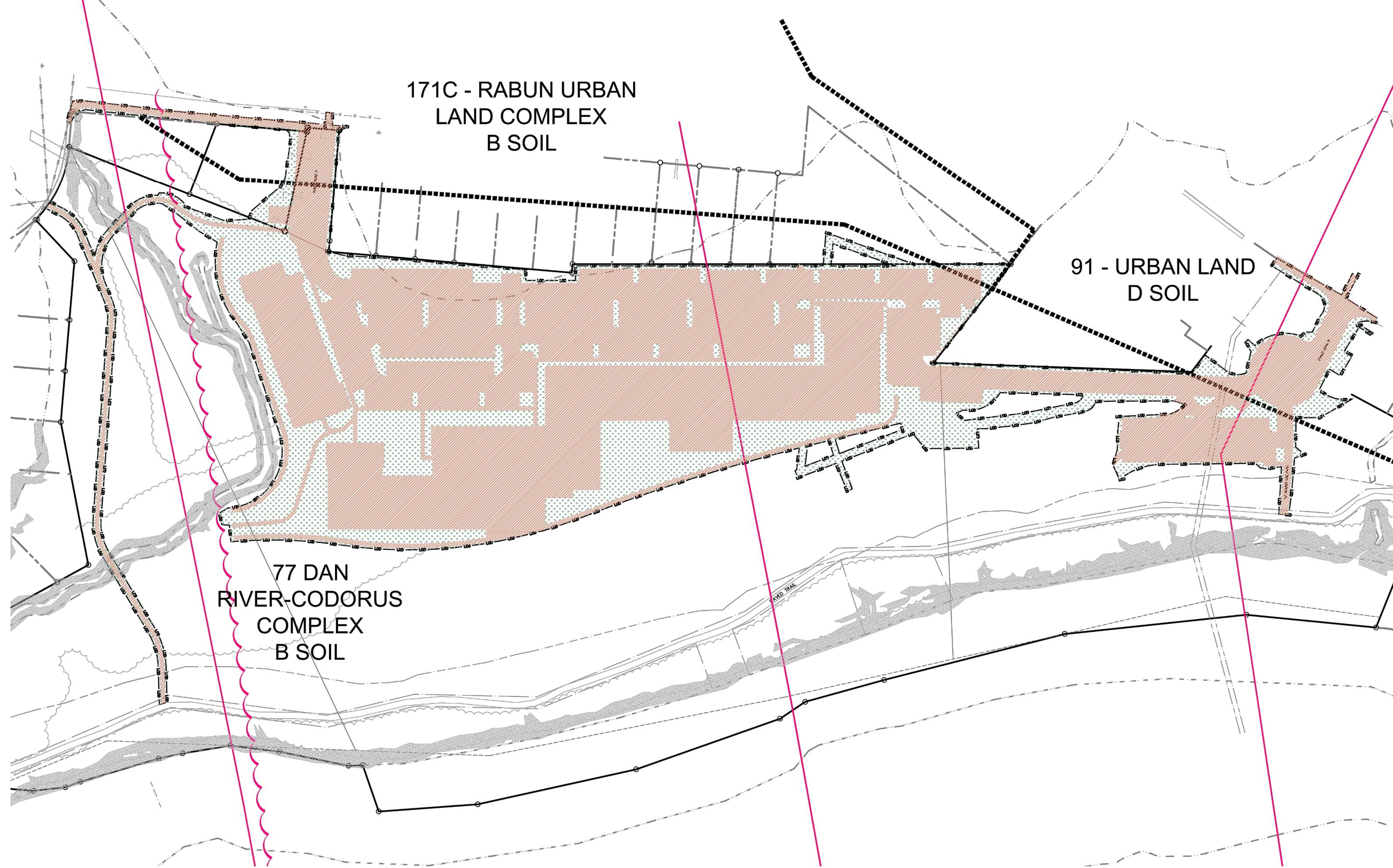
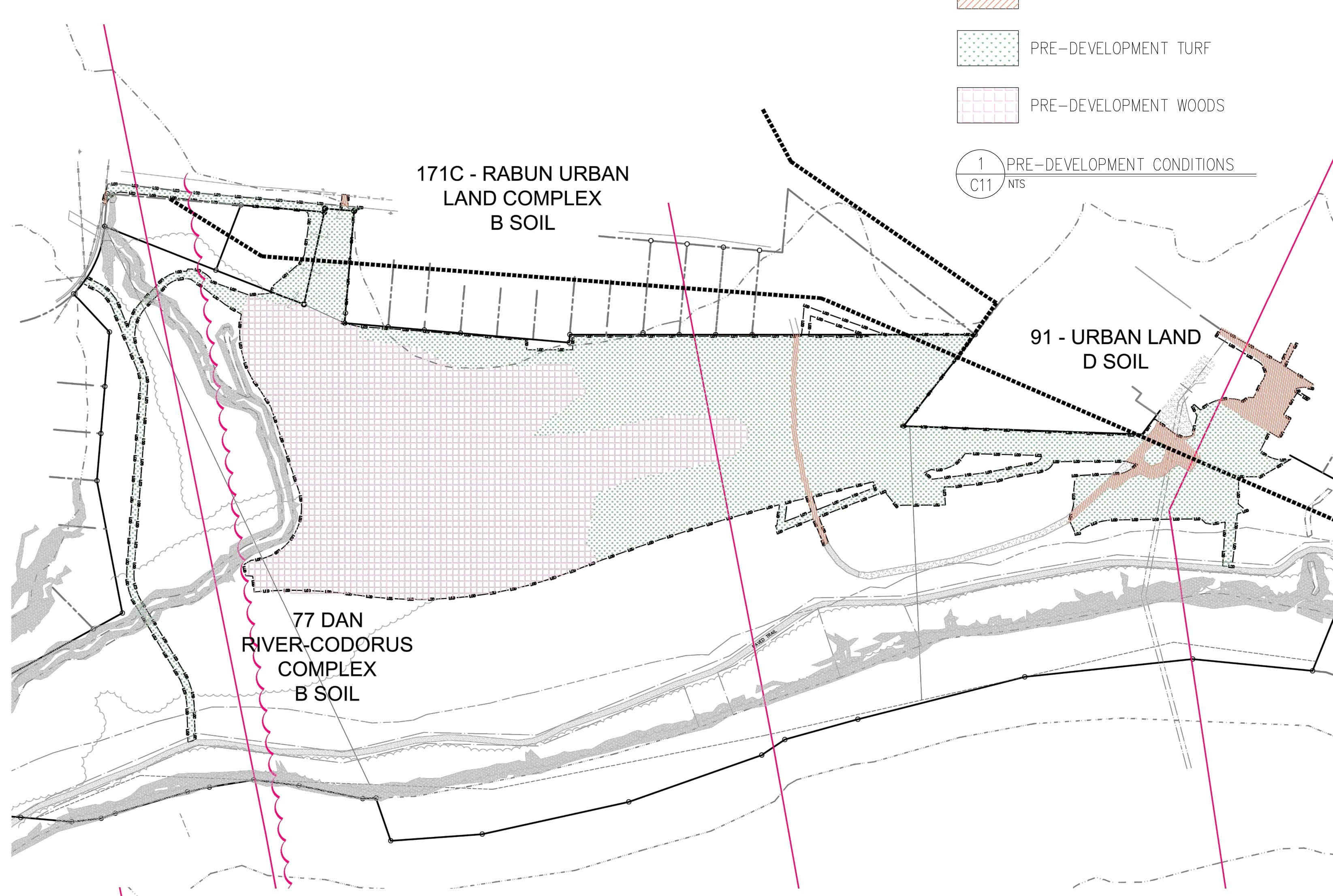
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PRELIMINARY UTILITY
PROFILES

C9





PRE-DEVELOPMENT IMPERVIOUS

PRE-DEVELOPMENT TURF

PRE-DEVELOPMENT WOODS

PRE-DEVELOPMENT CONDITIONS

C11
NTS

Site Results (Water Quality Compliance)

Area Checks	D.A. A	D.A. B	D.A. C	D.A. D	D.A. E	AREA CHECK
FOREST/OPEN SPACE (ac)	0.00	0.00	0.00	0.00	0.00	OK.
IMPERVIOUS COVER (ac)	0.00	0.00	0.00	0.00	0.00	OK.
IMPERVIOUS COVER TREATED (ac)	0.00	0.00	0.00	0.00	0.00	OK.
MANAGED TURF AREA (ac)	0.00	0.00	0.00	0.00	0.00	OK.
MANAGED TURF AREA TREATED (ac)	0.00	0.00	0.00	0.00	0.00	OK.
AREA CHECK	OK.	OK.	OK.	OK.	OK.	OK.

Site Treatment Volume (ft³) 21,572

Runoff Reduction Volume and TP By Drainage Area

D.A. A	D.A. B	D.A. C	D.A. D	D.A. E	TOTAL
RUNOFF REDUCTION VOLUME ACHIEVED (ft³)	0	0	0	0	0
TP LOAD AVAILABLE FOR REMOVAL (lb/yr)	0.00	0.00	0.00	0.00	0.00
TP LOAD REDUCTION ACHIEVED (lb/yr)	0.00	0.00	0.00	0.00	0.00
TP LOAD REMAINING (lb/yr)	0.00	0.00	0.00	0.00	0.00
NITROGEN LOAD REDUCTION ACHIEVED (lb/yr)	0.00	0.00	0.00	0.00	0.00

Total Phosphorus

FINAL POST-DEVELOPMENT TP LOAD (lb/yr)	13.55
TP LOAD REDUCTION REQUIRED (lb/yr)	10.23
TP LOAD REDUCTION ACHIEVED (lb/yr)	0.00
TP LOAD REMAINING (lb/yr)	13.55
REMAINING TP LOAD REDUCTION REQUIRED (lb/yr)	10.23

Total Nitrogen (For Information Purposes)

POST-DEVELOPMENT LOAD (lb/yr)	96.96
NITROGEN LOAD REDUCTION ACHIEVED (lb/yr)	0.00
REMAINING POST-DEVELOPMENT NITROGEN LOAD (lb/yr)	96.96

DEQ Virginia Runoff Reduction Method New Development Compliance Spreadsheet - Version 3.0

2011 BMP Standards and Specifications 2013 Draft BMP Standards and Specifications

Project Name: 0 E High Street Date: 6/2/2023 CLEAR ALL (Ctrl+Shift+R)

data input cells
constant values
calculation cells
final results

Site Information

Post-Development Project (Treatment Volume and Loads)

Land Cover (acres)	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) – undisturbed, protected forest/open space or reforested land					0.00
Managed Turf (acres) – disturbed, graded for yards or other turf to be mowed/managed	2.24		0.11	2.35	
Impervious Cover (acres)	5.48		0.28	5.76	8.11

Constants

Annual Rainfall (inches)	43
Target Rainfall Event (inches)	1.00
Total Phosphorus (TP) EMC (mg/L)	0.26
Total Nitrogen (TN) EMC (mg/L)	1.86
Target TP Load (lb/acre/yr)	0.41
P ₀ (unless correction factor)	0.90

Runoff Coefficients (R₀)

Forest/Open Space	0.02	0.03	0.04	0.05
Managed Turf	0.15	0.20	0.22	0.25
Impervious Cover	0.95	0.95	0.95	0.95

Post-Development Requirement for Site Area

TP Load Reduction Required (lb/yr) 10.23

LAND COVER SUMMARY -- POST DEVELOPMENT	
Land Cover Summary	Treatment Volume and Nutrient Loads
Forest/Open Space Cover (acres)	0.00
Weighted R _v (forest)	0.00
% Forest	0%
Managed Turf Cover (acres)	2.35
Weighted R _v (turf)	0.20
% Managed Turf	29%
Impervious Cover (acres)	5.76
R _v (impervious)	0.95
% Impervious	71%
Site Area (acres)	8.11
Site R _v	0.73
Treatment Volume and Nutrient Loads	
Treatment Volume (acre-ft)	0.4952
Treatment Volume (cubic feet)	21,572
TP Load (lb/yr)	13.55
TN Load (lb/yr) (Informational Purposes Only)	96.96

POST-DEVELOPMENT IMPERVIOUS

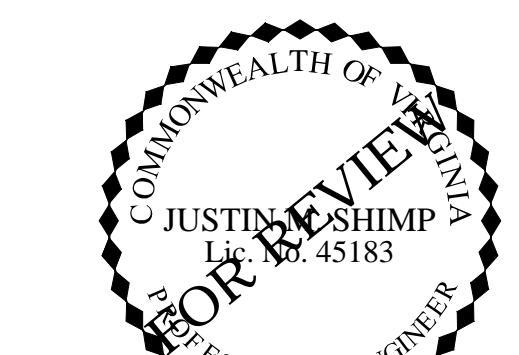
POST-DEVELOPMENT TURF

2 POST-DEVELOPMENT CONDITIONS

C11
NTS

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PRELIMINARY SITE DEVELOPMENT PLAN 0 EAST HIGH STREET

CITY OF CHARLOTTESVILLE, VIRGINIA
SUBMISSION:
2022.08.05
REVISION:
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**VRRM MAPS &
CALCULATIONS**

C11



LANDSCAPE SCHEDULE								
Plant Symbol	Planting Type	Botanical Name	Common Name	Min. Cal./Height	Quantity	Total Height(ft) in 10 Yrs	Canopy SF	Total Canopy SF
●	Large Deciduous Tree	Quercus phellos	Willow Oak	2" Cal.	20	31	370	7400
●	Large Deciduous Tree	Quercus falcata	Southern Red Oak	2" Cal.	35	31	424	14840
●	Large Deciduous Tree	Tilia americana	American Linden	2" Cal.	11	26	191	2101
●	Large Deciduous Tree	Ulmus americana	American Elm	2" Cal.	30	25	397	11910
●	Large Deciduous Tree	Tilia cordata	Littleleaf Linden	2" Cal.	20	27	249	4980
●	Medium Deciduous Tree	Carpinus betulus	European Hornbeam	2" Cal.	10	20	177	1770
●	Ornamental Tree	Amelanchier canadensis	Shadblow Serviceberry	6-8' Ht.	21	19	130	2730
●	Evergreen Shrub	Myrica cerifera	Southern Wax Myrtle	12" Ht.	64	10	44	2816
●	Evergreen Shrub	Viburnum awabuki 'Chindo'	Chindo Viburnum	12" Ht.	24	10	22	528
●	Evergreen Shrub	Ilex glabra	Inkberry Holly	12" Ht.	51	6	23	1173
●	Evergreen Shrub	Photinia x fraseri	Photinia	12" Ht.	18	10	20	360
●	Evergreen Shrub	Rhododendron	Azalea	12" Ht.	34	4	10	340
●	Evergreen Shrub	Ilex crenata	Soft Touch Holly	12" Ht.	40	5	16	640
●	Deciduous Shrub	Cornus amomum	Silky Dogwood	12" Ht.	17	8	72	1224
							TOTAL SF:	52812

LANDSCAPING REQUIRED:
 SITE REQUIREMENT (SEC. 34-869(b)): 15% CANOPY REQUIRED FOR RESIDENTIAL DENSITIES BETWEEN 10 AND 20 DU.
 PROJECT AREA: 7.4 AC (323,756 SF)
 $323,756 \text{ SF} \times 15\% = 48,563$
 CANOPY REQUIRED: 48,563 SF
 CANOPY PROVIDED: 52,812 SF
 STREET TREES (SEC. 34-870): 1 LARGE TREE, 40' O.C. ADJ. TO PUBLIC STREET RIGHT-OF-WAY
 INTERIOR PARKING AREA (SEC. 24-119.2): 5% OF THE PAVED PARKING AREA & 1 MEDIUM SHADE TREE PER 8 PARKING SPACES
 $104,027 \text{ SF} \times 5\% = 5,202 \text{ SF}$
 REQUIRED: 5,202 SF
 PROVIDED: 8,135 SF
 320 SURFACE PARKING SPACES PROVIDED
 REQUIRED: 40 LARGE OR MEDIUM SHADE TREES
 PROVIDED: 16 LARGE SHADE TREE + 24 MEDIUM SHADE TREES
 PARKING LOT SCREENING (SEC. 34-873): A CONTINUOUS LANDSCAPE BUFFER OF AT LEAST 5' IN WIDTH SHALL BE ESTABLISHED BETWEEN THE EDGE OF A PARKING LOT AND AN ADJACENT PROPERTY. ONE LARGE TREE AND THREE SHRUBS SHALL BE PLANTED FOR EVERY 15' OF LENGTH OF THE PROPERTY LINE.

NOTES:
 1. All site plantings of trees and shrubs shall be allowed to reach, and be maintained at, mature height; the topping of trees is prohibited. Shrubs and trees shall be pruned minimally and only to support the overall health of the plant.
 2. All landscaping and screening shall be maintained in a healthy condition by the current owner or property owner's association and replaced when necessary. Replacement material shall comply with the approved landscape plan.
 3. All new planting shown on the plan will be completed after building and road construction to avoid tree planting damage.
 4. All disturbed slopes 3:1 or steeper to have low maintenance ground cover.
 5. Any existing tree proposed to remain shall be replaced in kind if negatively impacted by improvements associated with this project.

LEGEND
 CRITICAL SLOPES LOT REGULATIONS GENERAL

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PRELIMINARY SITE DEVELOPMENT PLAN
0 EAST HIGH STREET

CITY OF CHARLOTTESVILLE, VIRGINIA
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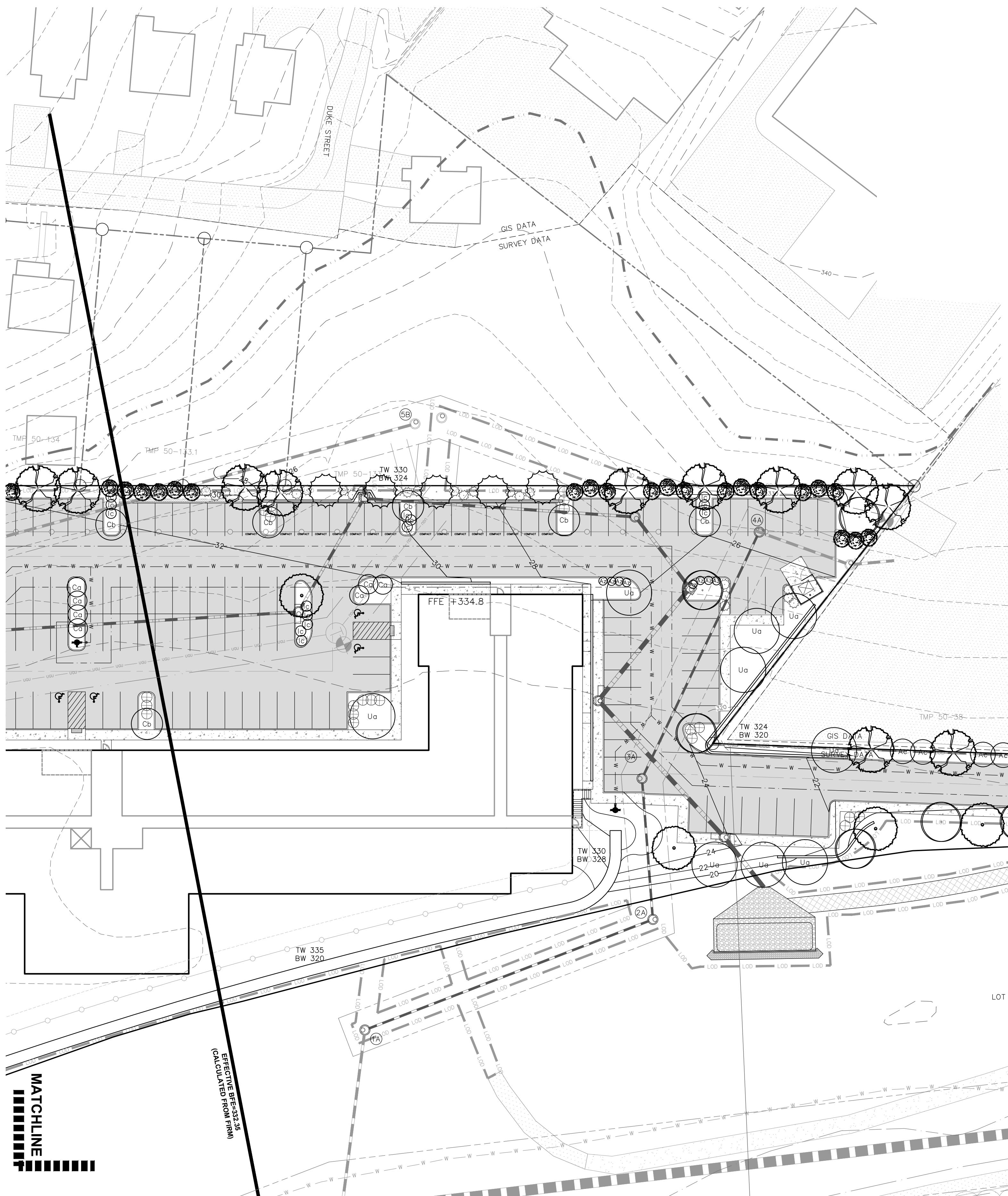
LANDSCAPE PLAN

MATCHLINE

EFFECTIVE BFE 332.35
 (CALCULATED FROM FIRM)

30 0 30 60 90
 Scale: 1"=30'

C12



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 PROVIDED: 8,139 SF

320 SURFACE PARKING SPACES PROVIDED
 REQUIRED: 40 LARGE OR MEDIUM SHADE TREES
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PRELIMINARY SITE DEVELOPMENT PLAN
0 EAST HIGH STREET

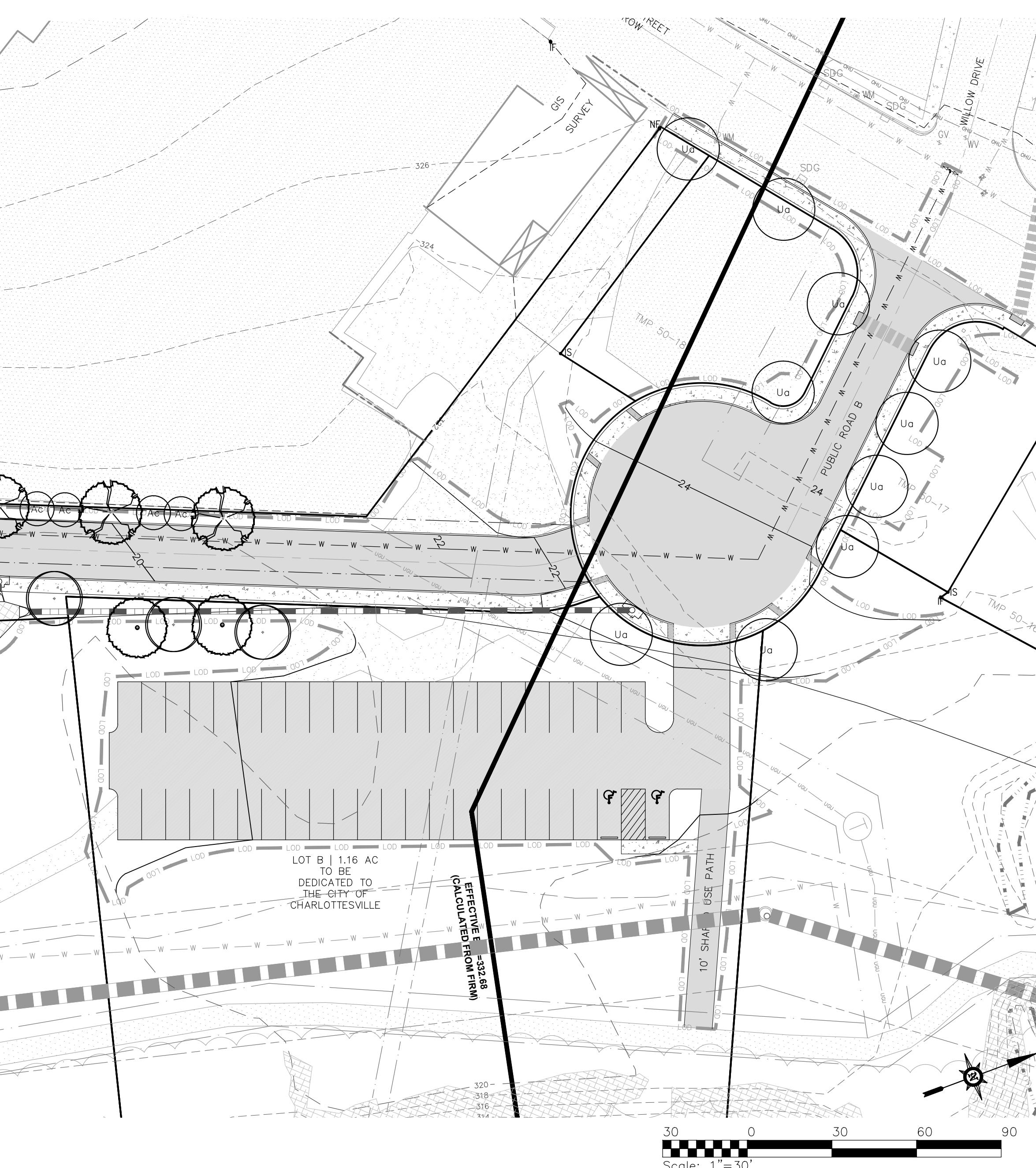
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LANDSCAPE PLAN

C13

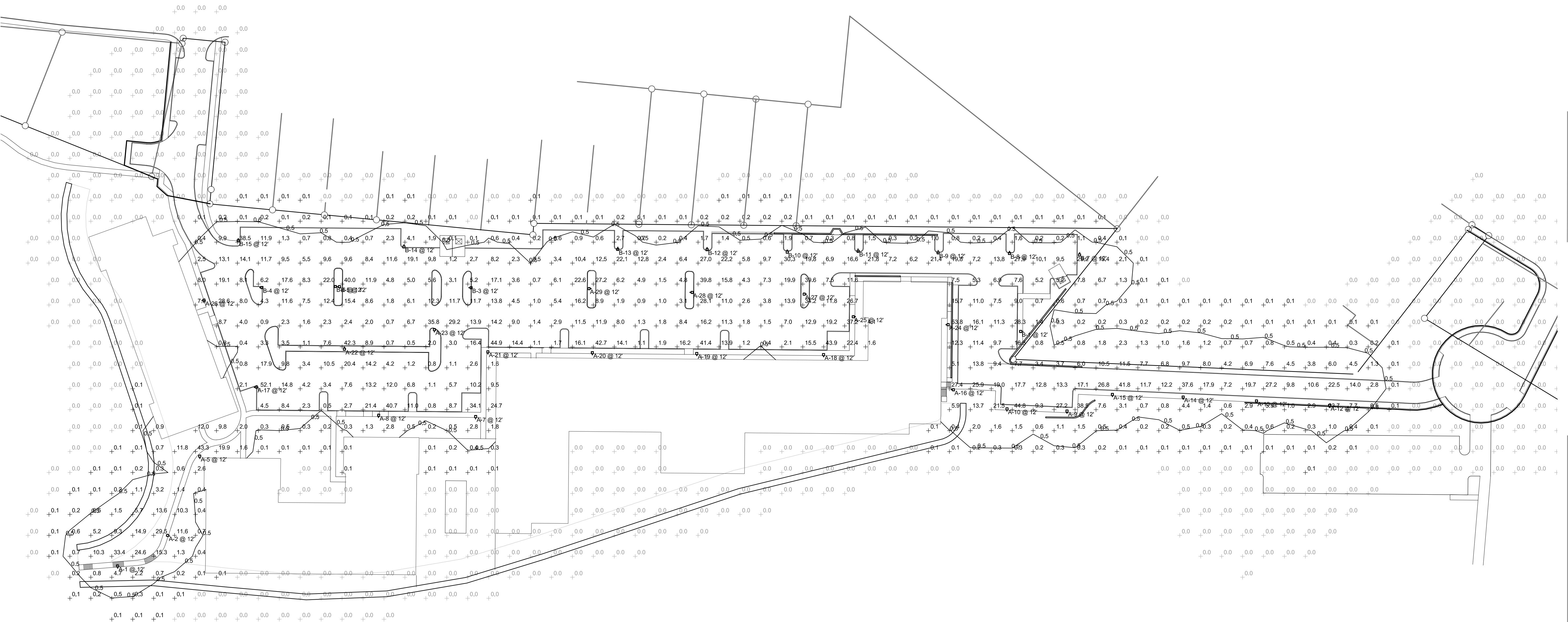


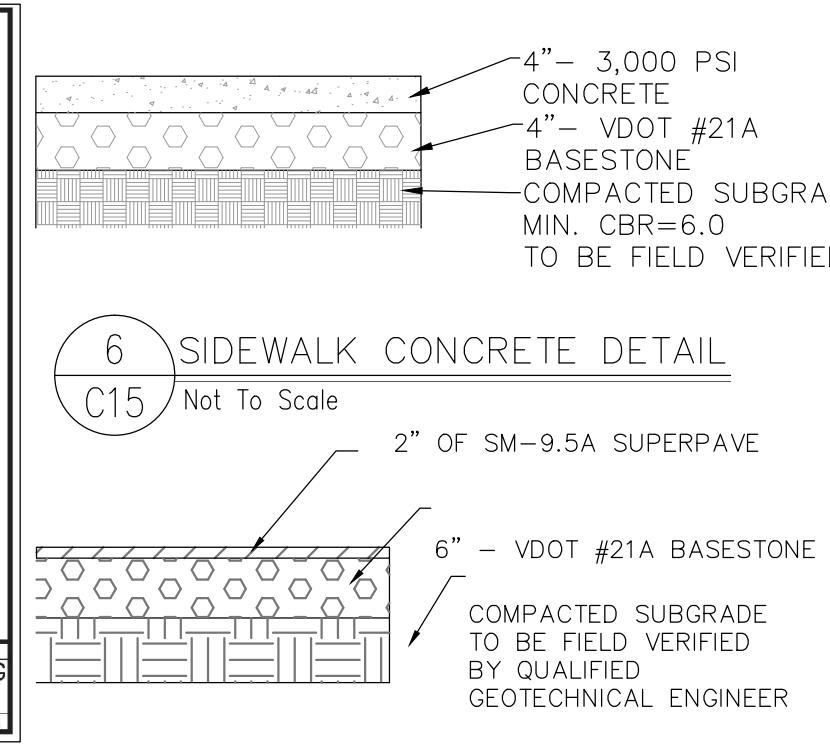
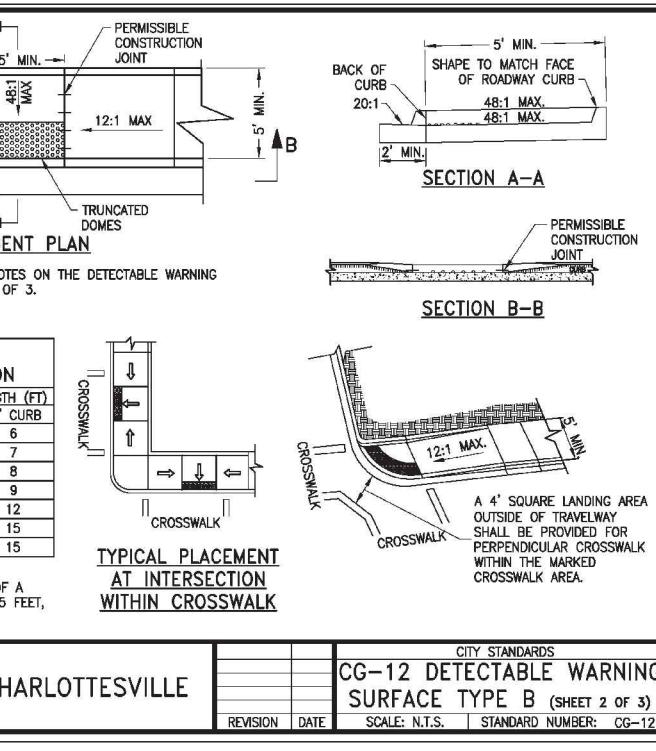
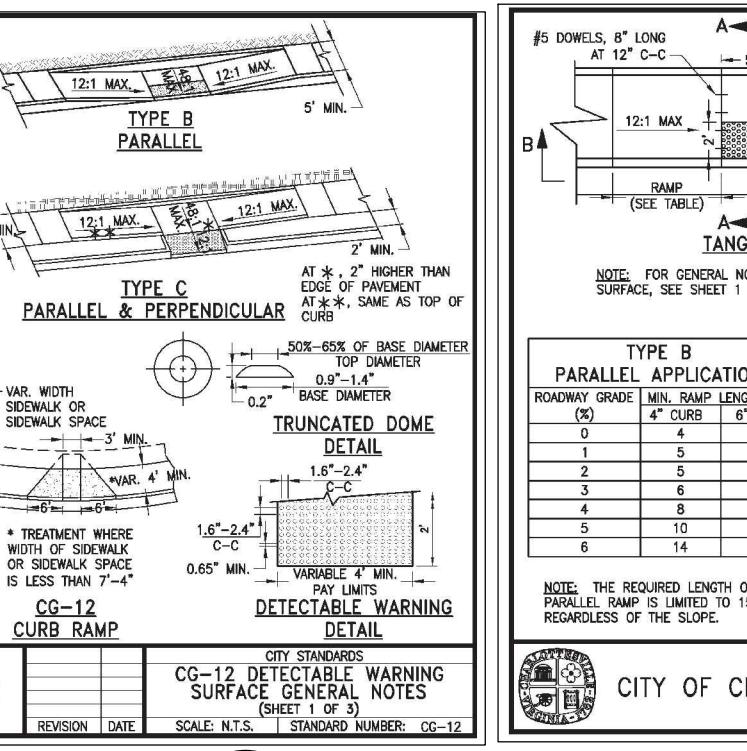
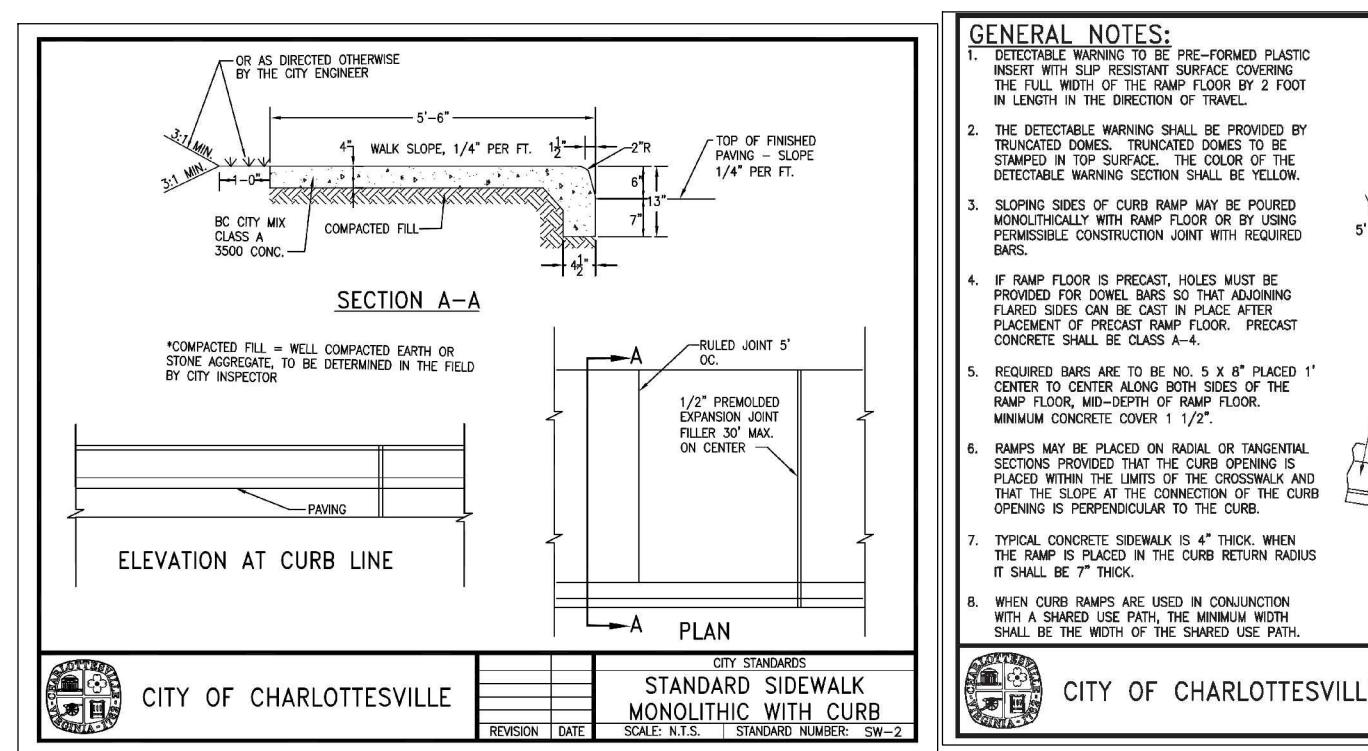
Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number of Lamps	Filename	Wattage	Light Loss Factor
	A	25	SIGNIFY GARDCO	ECF-L-96L-1.4A-WW-G2-4	EcoForm Area LED ECF - Large, 96 LED's, 3000K CCT, TYPE 4 OPTIC, No Shield	(6) LEDGINE SLD LIGHT ARRAY(S) DRIVEN AT 1370mA	ecf-l-96l-1-4a-ww-g2-4.ies	422.0	1.00
	B	14	SIGNIFY GARDCO	ECF-L-96L-1A-WW-G2-4-HIS	EcoForm Area LED ECF - Large, 96 LED's, 3000K CCT, TYPE 4-HIS OPTIC, House-side Internal Shielding	(6) LEDGINE SLD LIGHT ARRAY(S) DRIVEN AT 1050mA	ecf-l-96l-1a-ww-g2-4-h.ies	316.4	1.00

Lighting Notes:

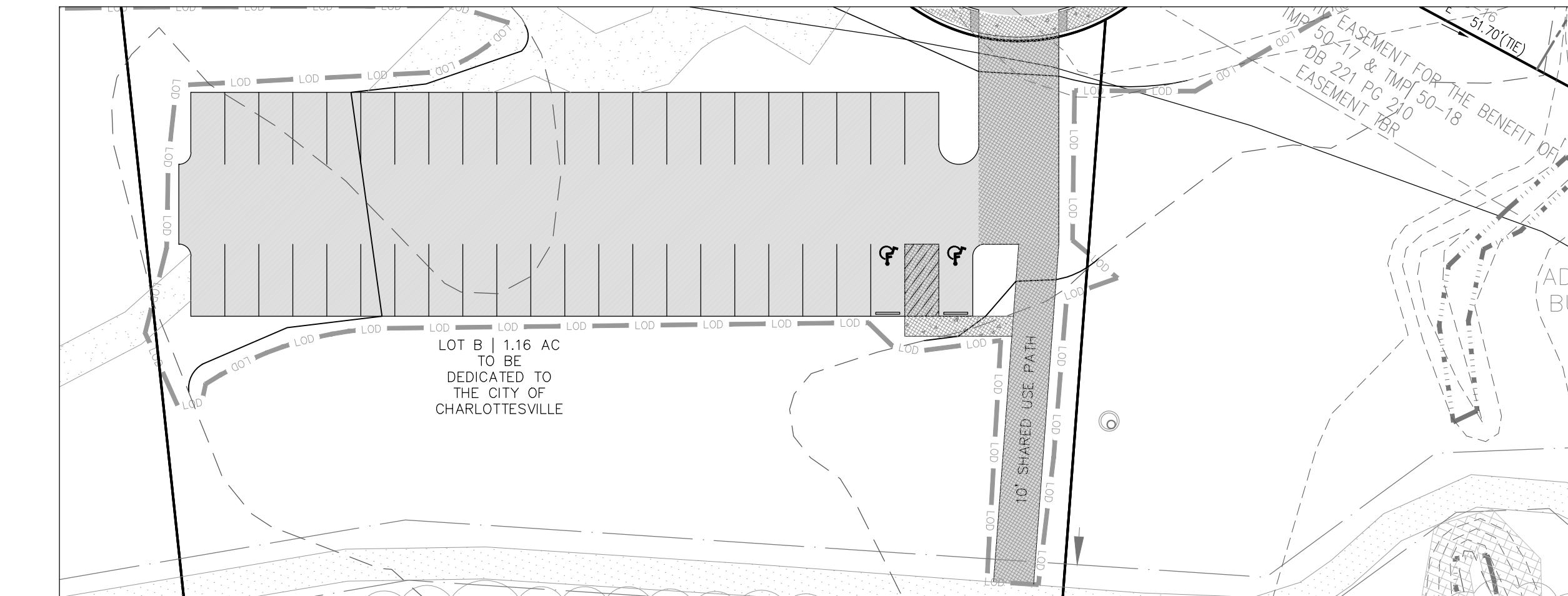
1. Per Sec. 34-1003(c) of the Charlottesville Zoning Ordinance, pole mounted fixtures shall be mounted at a height of 12' from the finished grade which includes the pole base, outside of the public ROW and immediately adjacent to low-density residential districts.
2. Each outdoor luminaire equipped with a lamp that emits 3,000 or more initial lumens shall be a full cutoff luminaire and shall be arranged or shielded to reflect light away from adjoining residential districts and away from adjacent roads. The spillover of lighting from luminaires onto public roads and property in residential or rural areas zoning districts shall not exceed one half footcandle.



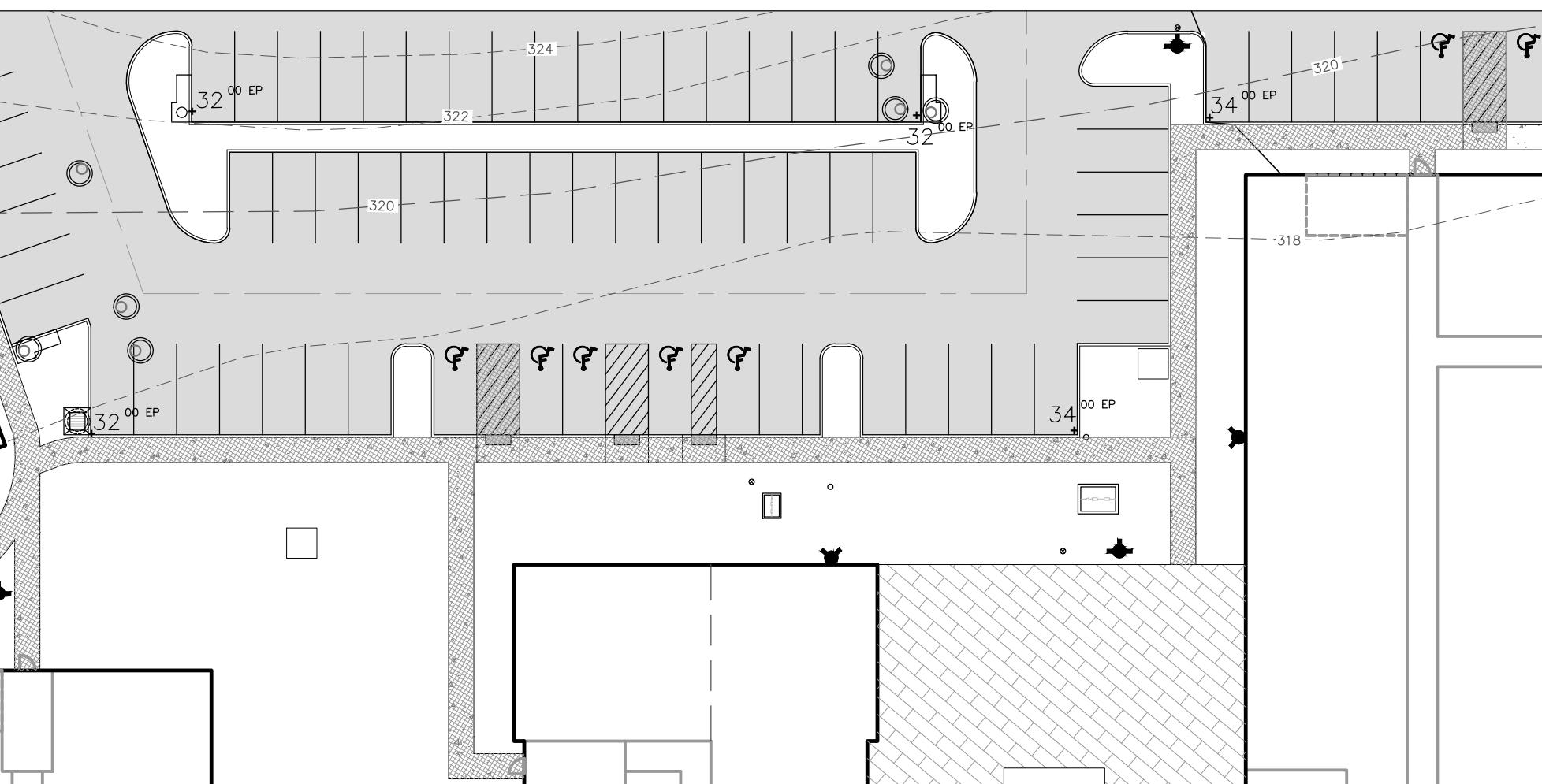


CITY OF CHARLOTTESVILLE
STANDARD SIDEWALK MONOLITHIC W/ CURB
C15 NOT TO SCALE

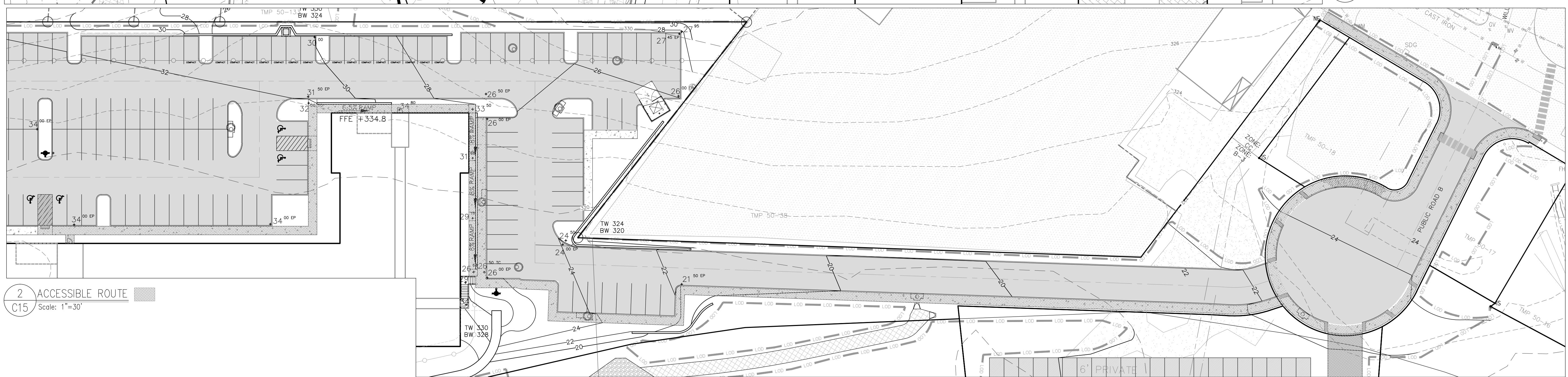
CITY OF CHARLOTTESVILLE
C15 CG-12 DETAIL NOT TO SCALE



3 ACCESSIBLE ROUTE
C15 Scale: 1"-30'



1 ACCESSIBLE ROUTE
C15 Scale: 1"-30'



0 EAST HIGH STREET

CITY OF CHARLOTTESVILLE, VIRGINIA
SUBMISSION:

2022.08.05

REVISION:

2022.12.07

2023.02.17

2023.06.02

FILE NO.

20.017

SITE DETAILS

C14

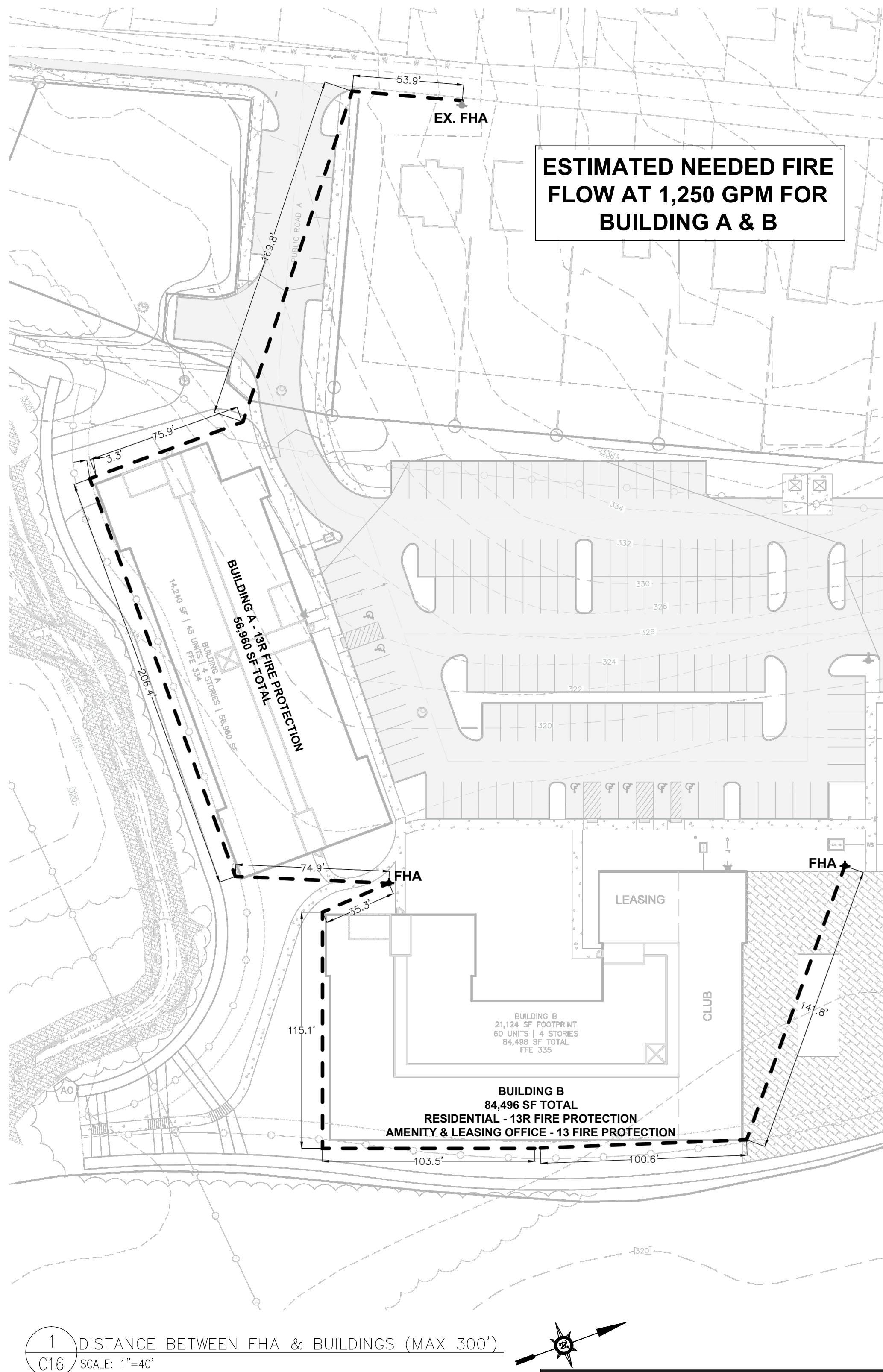
SHIMP
ENGINEERING

LAND PLANNING - PROJECT MANAGEMENT

912 E. HIGH ST.
CHARLOTTESVILLE, VA 22902

434.227.5140
JUSTIN@SHIMP-ENGINEERING.COM

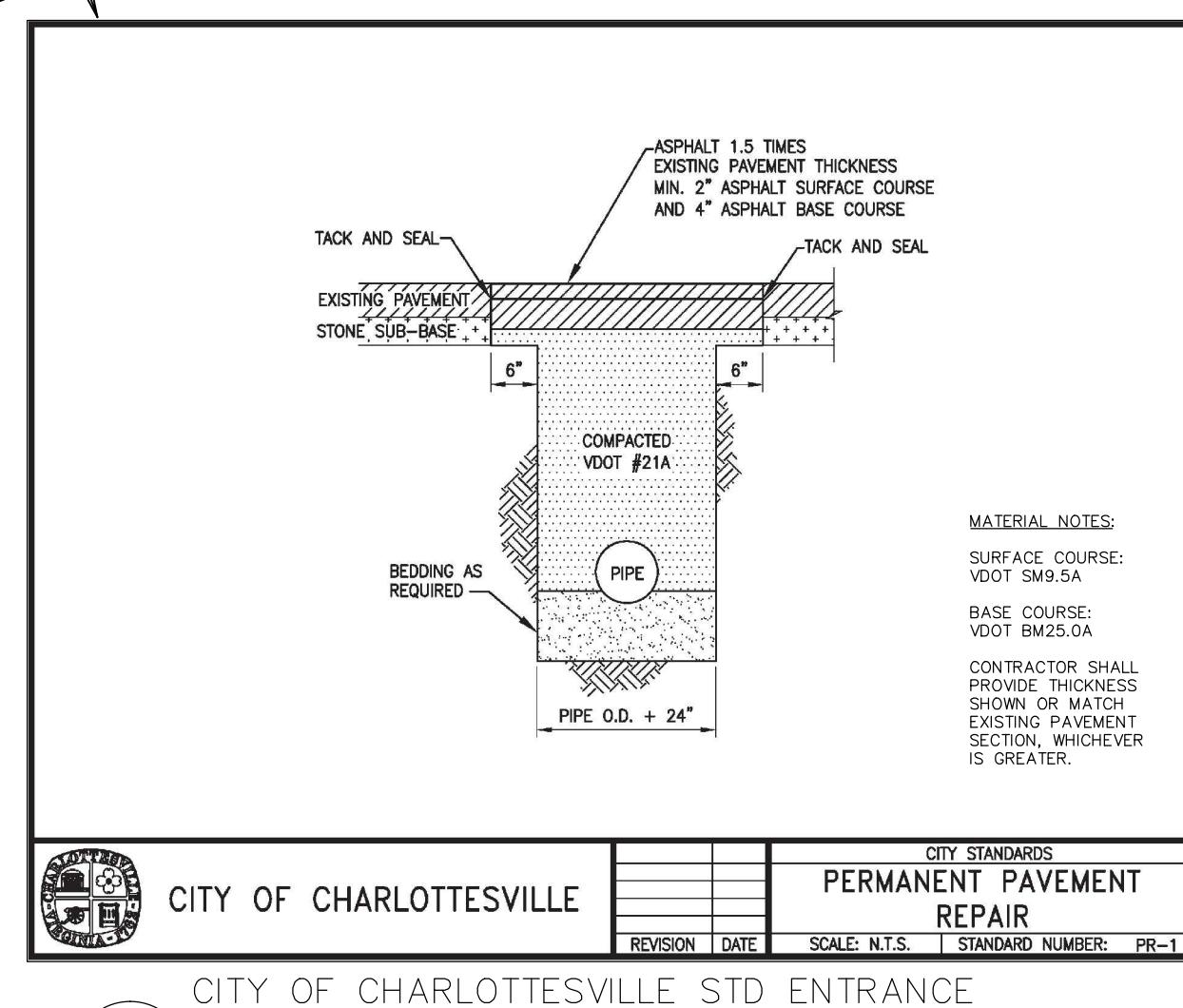




1) DISTANCE BETWEEN FHA & BUILDINGS (MAX 300')

C16

SCALE: 1"=40'



CITY OF CHARLOTTESVILLE STD ENTRANCE

C16

NOT TO SCALE

PERMANENT PAVEMENT REPAIR

REVISION DATE

SCALE: N.T.S.

STANDARD NUMBER: RE-1

CITY STANDARDS

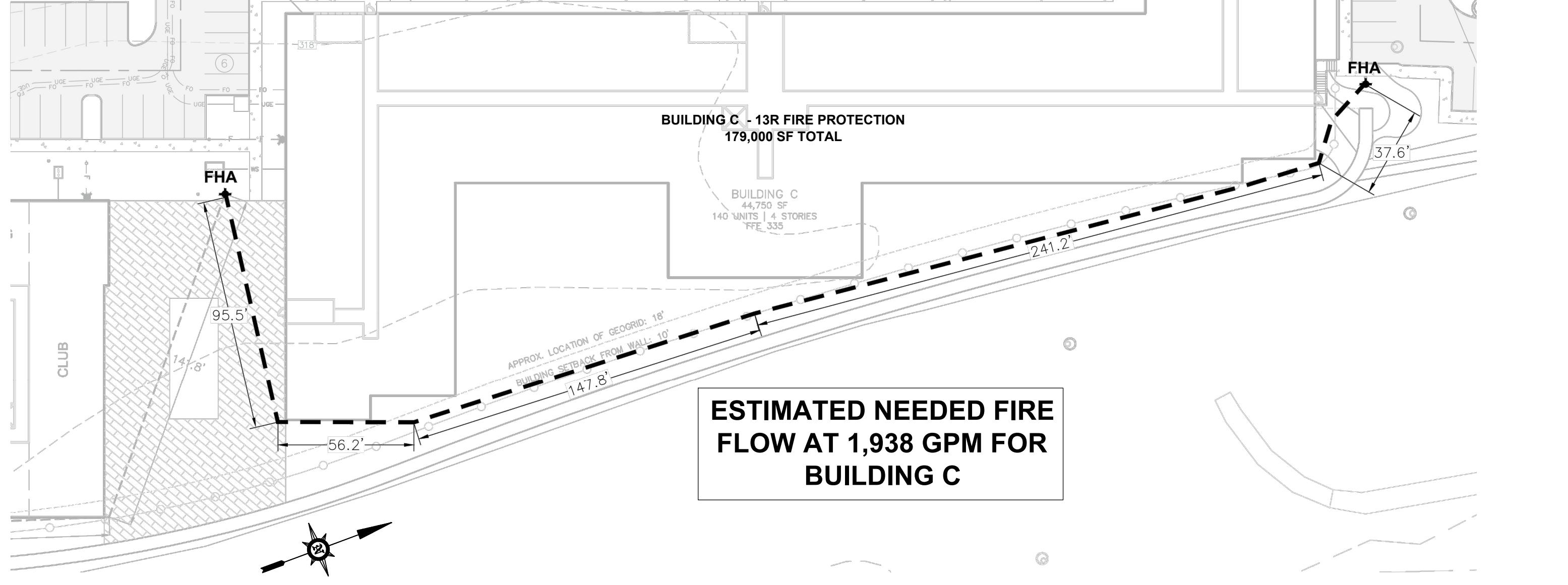
CITY STANDARDS

PERMANENT PAVEMENT REPAIR

REVISION DATE

SCALE: N.T.S.

STANDARD NUMBER: PR-1



2) DISTANCE BETWEEN FHA & BUILDINGS (MAX 300')

C16

SCALE: 1"=40'

ESTIMATED NEEDED FIRE FLOW AT 1,938 GPM FOR BUILDING C

ESTIMATED NEEDED FIRE FLOW AT 1,250 GPM FOR BUILDING A & B

BUILDING A - 13R FIRE PROTECTION 179,000 SF TOTAL

BUILDING C 140 UNITS / 4 STORIES FFE 335

APPROX. LOCATION OF GEORGIA: 10' BUILDING FACADE WALL

147.8' 241.2' 37.6'

147.8' 56.2' 95.5'

145.8' 75.9' 169.8'

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