Agenda

Board of Adjustment Regular Meeting

6:00 PM May 14, 2025 Board Meeting Room, Town Hall Annex, 105 E. Corbin St.



- 1. Call to order and confirmation of quorum
- 2. Agenda changes and approval
- 3. Minutes review and approval
- A. Minutes from regular meeting on Apr. 9, 2025

4. Quasi-judicial evidentiary hearings

- A. Case BA-02-2025: Durham Technical Community College Orange County Campus Expansion Special Use Permit Modification request at 525 College Park Road (Orange County PIN 9873-33-0977). The applicant is Timmons Group. The property owners are Orange County and The Trustees of Durham Technical Community College. The request is for a 12,239 square foot, two-story addition to the southwest side of the building.
- B. Case BA-03-2025: Holy Family Catholic Church Variance request at 216 Governor Burke Road (Orange County PIN 9865-95-5127). The applicant is Civil Consultants, Inc. The property owner is Holy Family Catholic Parish of Hillsborough. The request is a 14-foot variance from the maximum 45-foot building height requirement of the R-10 zoning district.
- 5. Committee and staff reports

6. Adjournment

Interpreter services or special sound equipment for compliance with the American with Disabilities Act is available on request. If you are disabled and need assistance with reasonable accommodations, call the Town Clerk's Office at 919-296-9443 a minimum of two business days in advance of the meeting.

DRAFT Minutes

BOARD OF ADJUSTMENT

Regular meeting

6 p.m. Apr. 9, 2025

Conference Room of Town Hall Annex, 105 E. Corbin St.

Present: Chair Sean Kehoe, Dave Blankfard, Richard Chapple, Rob

Iglesias, Eddie Sain, and Jenn Sykes

Absent: Vice Chair Raul Herrera

Staff: Senior Planner Tom King



Chair Sean Kehoe called the meeting to order at 6:00 pm. Senior Planner Tom King confirmed the presence of a quorum.

2. Agenda changes and approval

Chair Kehoe asked if there were any changes to the agenda. King advised there were no changes from staff. No board members noted changes.

Motion: Member Jenn Sykes moved to approve the agenda as presented. Member Rob Iglesias

seconded.

Vote: 6-0

3. Minutes review and approval

Minutes from the regular meeting on February 12, 2025

Motion: Sykes moved to approve the February 12, 2025, minutes as presented. Member Eddie Sain

seconded.

Vote: 6-0

4. Other business

Annual election of board chair and vice chair

King advised the board that, since Sykes's and Kehoe's terms were set to expire April 30, 2025, they should not be put forth as candidates.

Motion: Chair Kehoe made a motion to elect Raul Herrera as Chair and Dave Blankfard as Vice Chair. Sykes seconded.

Member Dave Blankfard entered the meeting at 6:03 pm.

Vote: 6-0

5. Committee and staff reports

King informed the board of the following:

101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-732-1270 | www.hillsboroughnc.gov | @HillsboroughGov

- a. At their March 20, 2025, meeting, the Planning Board voted to re-appoint Rob Iglesias as Planning Board representative to the Board of Adjustment.
- b. A "soft" kick-off meeting for the Unified Development Ordinance rewrite project was held earlier in the day with town staff and the town's project consultant, Inspire Placemaking Collaborative, of Durham. The project is expected to take about 1½ years to complete.
- c. King will be interviewing a potential candidate for the board on April 22, 2025. This person would potentially fill one of the seats being vacated by Kehoe and Sykes.
- d. It is expected that there will very likely be a meeting on May 14, 2025. A special use permit modification case will be on the agenda & possibly a variance(s) case.
- e. The University of North Carolina School of Government is offering a virtual, on-line quasi-judicial board training in May. King noted that Sain had expressed interest & Blankfard believed he didn't need the training. King asked Iglesias if he was interested. Iglesias said he was, but there may be a conflict with his work schedule.

6. Adjournment

Motion: Sykes moved to adjourn the meeting. Member Sain seconded.

Vote: 6-0

The meeting was adjourned at 6:11 p.m.

Respectfully submitted,

Tom King, AICP, CZO Senior Planner

Secretary to the Board of Adjustment

Approved: XX, 202X

PLANNING & ECONOMIC DEVELOPMENT DIVISION STAFF REPORT

Tom King, AICP, CZO - Senior Planner Secretary to the Board of Adjustment



101 East Orange Street P.O. Box 429 Hillsborough, NC 27278

Report Date: May 7, 2025

BOARD OF ADJUSTMENT

Agenda Item: 4.A

CASE NUMBER	CASE NAME	APPLICANT/PROPERTY OWNERS
BA-02-2025	Durham Technical Community College Orange County Campus Expansion	Timmons Group/Orange County & The Trustees of Durham Technical Community College
HEARING DATE	PARCEL ID NUMBER	PROPERTY ADDRESS/LOCATION
May 14, 2025	9873-33-0977	525 College Park Road

BRIEF SUMMARY OF REQUEST

Special Use Permit Modification for a 12,239 square foot, two-story building addition.

EXISTING	EXISTING	SURROUNDING	FUTURE LAND	SIZE OF
ZONING	LAND USE	ZONING/LAND USE	USE CATEGORY	PROPERTY
ESU	Vocational School, & park & ride lot	North: ESU (Town) & R-1 (County)/Wooded tract & houses South: ESU/Wooded tract & townhouses East: ESU/Townhouses West: ESU/Wooded tract	Employment Area	20 acres

DISCUSSION OF STAFF FINDINGS

COMPLIANCE with the UDO (UNIFIED DEVELOPMENT ORDINANCE)

The proposed development complies with all applicable UDO provisions.

COMPATIBILITY with the CSP (COMPREHENSIVE SUSTAINABILITY PLAN (2030))

The proposed development generally complies with the Future Land Use Map & applicable CSP provisions.

GENERAL STANDARDS/FINDINGS OF FACT SUMMARY

All four general standards/findings of fact appear to be met.

2. FLUM & UDO ATTACHMENTS: 1. **Application** 3. Zoning history materials provisions

BOA Staff Report 05/07/2025 **SUP MOD-Durham Tech Expansion** Page 1 of 6

DESCRIPTION OF SUBJECT PROPERTY:

Physical Conditions:

Lot Size:		20 acres	
Lot Frontage: West:		College Park Road – 666.25 feet	
	South:	Waterstone Drive – 587.91 feet	
Lot Shape:		Irregular being wider on the west side and narrowing to the east.	
Topography: The property sits higher than the two streets. Topography is highest in the norther		The property sits higher than the two streets. Topography is highest in the northeast and	
slopes west/southwest. The developed area of the site is relatively flat.		slopes west/southwest. The developed area of the site is relatively flat.	
Lot Coverage: Mostly wooded on the far east, central, north and northwest areas of the site.		Mostly wooded on the far east, central, north and northwest areas of the site.	
Sensitive Areas: Stream head exists in NW corner of the property. Stream subject to 50-foot-wide		Stream head exists in NW corner of the property. Stream subject to 50-foot-wide stream	
		buffer; 100-foot total width.	
		An historic roadbed crosses the central portion of the site in a SE to NW direction.	

<u>Built Conditions:</u> The property is developed as a two-story vocational school located on the west/southwest

side of the property. A 124-space park-and-ride lot is located along the southeastern boundary of the property.



to Date: 2021. Source: Orange County Land Records/GIS.

DETAILED PROJECT DESCRIPTION:

- 1. Removal of four ground-mounted solar panels and a semi-circular portion of the existing 40,175 square-foot, two-story building. Both features to be removed are on the southwest side of the building.
- 2. A 12,239 square foot, two-story addition to the southwest side of the building. The resulting building square footage will be 52,414 square feet.

A total of 262 parking spaces are required and provided for the project. No additional parking is to be constructed. Instead, the owner proposes use of 197 existing school parking spaces combined with 65 spaces located in the 124-space park and ride lot. Fifty-nine parking spaces will be left for park and ride use.

CONFORMANCE WITH WATERSTONE MASTER PLAN APPROVAL CONDITIONS:

The property is located within Waterstone, a master planned development. The Waterstone development was approved by the town in 2004 and is subject to two documents governing development within the project: (i) a general conditions document applicable to the entire project, and (ii) a parcel-specific conditions document.

Staff offer the following comments regarding compliance with applicable conditions from the two documents:

General Conditions Applicable to the Entire Waterstone Development:

<u>Condition #15: Park and Ride.</u> "The developer shall address in its application for a Special Use Permit for each of the non-residential Parcels shown on the Waterstone Master Plan the suitability of each such Parcel as a location for a "park and ride" facility."

Staff Comment: The meeting minutes of the 2006 hearing where the initial community college project was approved reflect the 125-space park and ride lot as being offered as an alternative for the project subject to funding availability. There was no discussion as to how the spaces could or could not be used, or if it was a specific requirement of permit approval; however, the applicant presented the lot as an asset to the campus, town and county. The original approved project plans show the park and ride lot.

When community college officials first approached staff about the current project, staff recommended a parking study be performed to assess park and ride lot use. VHB Engineering NC, P.C. performed a parking study of the campus in July 2024 (see Attachment #1). The study evaluated existing school parking and the park and ride lot. The park-and-ride lot had a maximum parking demand of 21 spaces during the study period. A hypothetical doubling of the demand coinciding with higher school occupancy in the spring and fall semesters, coupled with the proposed building expansion, showed 42 spaces should satisfy potential park and ride lot demand. (*Note:* The VHB study was based on a slightly larger building addition (336 square feet) than currently proposed.)

Conditions of Approval Applicable to Specific Parcels Identified on the Waterstone Master Plan:

Parcel #16: Community College

1. "That a community college campus is permitted on this parcel."

Staff Comment: Condition has been met.

2. "That the amount of impervious surface on this Parcel shall be determined as part of the Special Use Permit process for this Parcel."

Staff Comment: This is a vague condition leaving the board with no guidance in determining compliance. The existing site contains 4.18 acres (20.9%) of impervious surface, with 0.10 acres proposed. This equals 4.28 acres (21.4%) of impervious surface coverage at project completion; a 0.5% increase in total site impervious surface coverage.

3. "That the developer shall provide pedestrian access to Parcel 17 from this Parcel."

Staff Comment: Condition met when school was built.

FINDINGS OF FACT ANALYSIS:

The following analysis represents staff's professional opinion based upon review of the application materials, UDO, Future Land Use Map and CSP. The Board must make its own determination as to whether <u>all</u> findings are met. <u>This determination must be based on factual, competent, material and substantial evidence</u> <u>presented at the hearing.</u>

Section 3 (Administrative Procedures), Subsection 3.8 (Special Use Permit), Paragraph 3.8.3 (General Standards/Findings of Fact): The Board of Adjustment shall not approve a Special Use Permit application unless it makes each of the following findings concerning the proposed special use:

3.8.3.1 That the use or development is located, designed, and proposed to be operated so as to maintain the public health, safety, and general welfare.

Applicant Statement Supporting Finding: The proposed expansion allows for a greater public safety education program as well as education in other trades. Public health, safety and general welfare will be improved through the introduction into the community of more individuals trained in the emergency response field.

Staff Analysis: Staff find no reason why the proposed development will be detrimental to public health, safety and general welfare.

3.8.3.2 That the use or development complies with all required regulations and standards of this Ordinance, including all applicable provisions of Articles 4, 5, and 6 and all applicable regulations.

Applicant Statement Supporting Finding: The development will comply with all UDO requirements and conditions, as well as any other applicable local, state and federal regulations unless relieved from such requirements in writing.

Staff Analysis: Staff offer the following in relation to this finding:

1. Compliance with Section 4

The project complies with the intent of the ESU (Entranceway Special Use) district described in UDO Section 4 (Zoning Districts) (see Attachment #2). The property subject to the request is located within the larger Waterstone development; a project containing a diverse mixture of commercial, office and employment uses along a primary entrance into town.

2. <u>Compliance with Section 5</u>

UDO Section 5 (Use Standards) contains no use-specific standards for Vocational Schools.

3. Compliance with Section 6

The town's Technical Review Committee have reviewed the submitted construction drawings and found them to comply with all applicable requirements of UDO Section 6 and other town regulations.

3.8.3.3 That the use or development is located, designed, and proposed to be operated so as to maintain or enhance the value of contiguous property, or that the use or development is a public necessity, and

Applicant Statement Supporting Finding: The project site is located at the corner of Waterstone Drive and College Park Road. Project design uses building materials already in use on campus.

Staff Analysis: Staff find no reason why the use will injure the value of contiguous property. The proposed addition will face, and sits higher than, the corner of Waterstone Drive and College Park Road with properties to the immediate west and south being vacant and wooded. The development is not a public necessity.

3.8.3.4 That the use or development conforms with the general plans for the physical development of the Town and is consistent with the Town's Comprehensive Plan.

Applicant Statement Supporting Finding: The development is an expansion of an existing community college campus. It will conform with the general plans for the physical development of the town and is consistent with the comprehensive plan.

Staff Analysis: Staff evaluated the project in relation to the town's Future Land Use Map and CSP and offers the following findings:

1. Future Land Use Map

The property is classified as "Employment Area" (see Attachment #2). The proposed development conforms with this land use category as follows:

- a. The use offers a community service.
- b. The building is located on a site overlooking the intersection of Waterstone Drive and College Park Road. Both streets are lined with street trees that break up the view of the building from adjacent streets and sidewalks.
- c. The property has direct driveway access to two major roads: Waterstone Drive and College Park Road. The town's adopted Street Manual classifies Waterstone Drive as a "Multi Lane Boulevard," and College Park Road as a "Commercial/Industrial Collector." Waterstone Drive connects directly with Old NC 86 to the west and NC 86 South to the east. Both streets are state-maintained streets classified as "Minor Arterials." College Park Road intersects with Cates Creek Parkway (classified by the town as a "Residential Collector") to the north. Cates Creek Parkway exits onto Old NC 86 to the west.

2. *CSP*

The proposed development is consistent with the following provision of the adopted CSP:

a. Economic Development and Tourism Element

Goal #3: "Increase access to opportunity, education, employment and wealth."

<u>Strategy:</u> "Participate in partnerships and programs that contribute toward meeting economic system and tourism goals in a sustainable and equitable manner."

Strategy Point #5: "Coordinate and support organizations and agencies that provide business support programs."

The community college provides valuable educational and training opportunities for the community that ultimately supports local and regional business and industry. Approval of the expansion offers the college the opportunity to grow and continue the provisions of this valuable service.

RECOMMENDED CONDITIONS OF APPROVAL:

Staff have no recommended conditions for this project, if approved. However, the board may attach reasonable and appropriate conditions and safeguards to the permit but may not include requirements for which the town has no authority to apply under state statute or that the courts have held to be unenforceable.

VOTING REQUIREMENT:

A majority vote is required to grant a Special Use Permit modification.



GENERAL APPLICATION Special Use Permit, Variance or Appeal Board of Adjustment Hearing

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390 www.hillsboroughnc.gov

This application is for a special use permit (including modifications), variance or appeal. Incomplete applications will not be accepted or processed.

OFFICIAL USE ONLY

Case Number: \$\Bar{BA} - 0\bar{2} - 2025\$

Fee: \$\\$500.00\$

Receipt No.: 060337

FLUM Designation: \$\mathcal{Employment} Area

Zoning District: \$\mathcal{ESU}\$

Overlay Zone: \$\text{Select One} \text{N}

Permit or Relief Requested: Special Use Permit Modification

PROJECT LOCATION AND DESCRIPTION **Durham Technical Community College** Project Name: Orange County Campus Expansion Project Type: Institutional Property Address/Location: 525 College Park Rd, Hillsborough, NC 27278 PIN(s): 9873330977 Size of Property (Acres/Sq. Ft.): 19.99/870714 20 Acres Current Use of Property: Education Building Proposed Use of Property: Education Building Use Class (from UDO Sections 5.1.7 and 5.1.8); School: Vocational Number Existing Buildings to Remain: 1 **Number Proposed Buildings:** Gross Floor Area Existing Buildings: 40,175 Gross Floor Area Proposed Buildings: 12,575 239 Number Lots Proposed: Number Dwelling Units Proposed: 0 Brief Summary of Request (use separate sheet if necessary): Modification to existing special use permit for the expansion of the existing Durham Technical Community College Orange County Campus building.

CERTIFICATION AND SIGNATURES

Applications will not be accepted without signature of legal property owner or official agent.

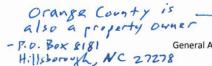
I certify that the information presented by me in this application and all accompanying documents are true and accurate to the best of my knowledge, information, and belief; and I acknowledge that the processing of this application may require additional town, county and/or state permits, approvals and associated fees.

Legal Property Owner: Durham Technical Communit	
Mailing Address: 1637 E. Lawson St.	
City, State, ZIP Code: Durham, NC 27703	
Telephone: 919-536-7201 x1001	
Email: kleitscha@durhamtech.edu	
Signature: Andrew Kleitsch Digitally signed by Andrew Kleitsch Date: 2024.11.12 09:53:20 -05'00'	
Date: 2024-11-12	

Legal Relationship of Applicant to Property Owner: Engineer

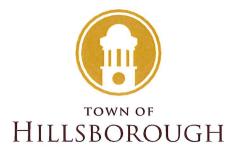






General Application Form BOA 01/11/202

10



AUTHORIZATION FORM

Owner's Authorization for Agent Board of Adjustment Hearing

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390

www.hillsboroughnc.gov

This form must accompany any application to go before the Board of Adjustment in which the application will not be represented by the legal property owner. Each owner shown on the property owner's deed must sign this authorization form.

I/We Travis Myren				
(print names of legal property owners)				
hereby authorize William Altman				
(print name	of agent)			
to represent me/us in processing an application for Speci	al Use Permit Modification			
on my/our behalf. In authorizing the agent to represent me	e/us, I/we as owner/owners attest that:			
 The application is made in good faith. All information contained in the application is accurate and complete. The agent is authorized to accept any and all conditions that may be placed on the approval. I/we as the property owner(s) am/are bound by any decision of the board, including any and all conditions attached to board approvals. 				
Travis Myren Date: 2025.02.14 14:58:01 -05'00'				
Signature of Owner	Signature of Owner			
Travis Myren Print Name of Owner	Print Name of Owner			
NORTH CAROLINA	<u>Orangl</u> county			
Sworn to and subscribed before me on thisday of	February 2025 by			
Travis Milmen	0			
Print Name of Person Making Statement				
OTARL OF SEALL OF SEALL OF AUBLIC SEALL OF AUBLIC SEALL OF AUBLIC SEALL OF THE SEAL OF THE	Signature of Notary Public Melissa S. Allison Print Commissioned Name of Notary Public 2-16-28 Commission Expiration Date			
The individual(s) making the above statement is/are perso	onally known or identification was produced			



AUTHORIZATION FORM

Owner's Authorization for Agent Board of Adjustment Hearing

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390

www.hillsboroughnc.gov

This form must accompany any application to go before the Board of Adjustment in which the application will
not be represented by the legal property owner. Each owner shown on the property owner's deed must sign
this authorization form.

/We Andrew Kleitsch (print names of	legal property owners)
hereby authorize William Altman	
Teleby dutioned	name of agent)
to represent me/us in processing an application for	Special Use Permit Modification
on my/our behalf. In authorizing the agent to represe	nt me/us, I/we as owner/owners attest that:
 I/we as the property owner(s) am/are bound I attached to board approvals. 	accurate and complete. conditions that may be placed on the approval. by any decision of the board, including any and all conditions
Andrew Kleitsch Digitally signed by Andrew Kleitsch Date: 2025.01.21 09:23:54 -05'00'	
Signature of Owner	Signature of Owner
Andrew Kleitsch Print Name of Owner	Print Name of Owner
NORTH CAROLINA	COUNTY
Sworn to and subscribed before me on this 21st day	of January 2025 by
Andrew Kleitsch	
Print Name of Person Making Statement	Distribution of the Desire Letting
William III	Donice Jeffries Date: 2025.01.21 10:04:56 -05'00'
NINE CONTROL OF THE PROPERTY O	Signature of Notary Public
SO SO PARTIES OF SECOND	Donice Jeffries
	Print Commissioned Name of Notary Public
BLIC SE	September 8, 2026
COUNTRIE	Commission Expiration Date
The individual(s) making the above statement is/are	personally known x or identification was produced



SUPPLEMENTAL FORM Special Use Permit

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390 www.hillsboroughnc.gov

To the Hillsborough Board of Adjustment:	
ı, Will Altman, PE	_, hereby petition the Board of Adjustment to
issue a Special Use Permit in the name of Durham Technical Co	
use of the property described in the attached General App if not adequately explained there, as more fully described	•
Authority to grant the request is contained in the Hillsboro	ough Unified Development Ordinance sections:
Section 5	

Factors Relevant to Permit Issuance

The Hillsborough Unified Development Ordinance imposes the following four general standards/findings of fact on the special use requested by the applicant. Below or on a separate sheet, indicate the facts you intend to show and the arguments you intend to make to convince the Board of Adjustment that it can properly reach these four required findings.

1. That the use or development is located, designed, and proposed to be operated so as to maintain the public health, safety, and general welfare.

The expansion is being proposed to protect the public health, safety, and general welfare of the community. The expansion will allow for a greater public safety education program as well as other trades which improves the public health, safety, and general welfare by introducing more individuals into emergency response fields. The proposed development is subject to all of the requirements of the Unified Development Ordinance.

2. That the use or development complies with all required regulations and standards of the Unified Development Ordinance, including all applicable provisions of articles 4, 5, and 6 and all applicable regulations.

The development shall comply with all sections of the UDO, conditions of approval, and any other applicable local, state, and federal regulations. It is understood that unless relieved of a requirement, in writing, all UDO requirements must be met.

Last revised: December 2023

	Supplemental Form Special Use Permit
3.	That the use or development is located, designed, and proposed to be operated so as to maintain or enhance the value of contiguous property or that the use or development is a public necessity.
	The proposed development is located along the frontage of Waterstone Drive and College Park Road. The design utilizes consistent building materials with what is already present on campus to maintain or enhance the value of contiguous property

4. That the use or development conforms with the general plans for the physical development of the Town and is consistent with the Hillsborough Comprehensive Plan.

The development conforms with the general plans for the physical development of the Town and is consistent with the Hillsborough Comprehensive Plan. The development is an expansion onto the existing Durham Tech campus

The Unified Development Ordinance also imposes the following use-specific requirements on the use requested by the applicant (town staff will assist the applicant in listing the specific requirements). The applicant should be prepared to demonstrate that the proposed use will comply with each of the following specific requirements if the land is used in a manner consistent with the plans, applications and other information presented to the board:

None.

I certify that all the information presented by me in this application is accurate to the best of my knowledge, information, and belief.

Jan (1) Signature of Applicant

11/15/2024 Date



To: Andrew Kleitsch
Vice President Finance/Chief Financial Officer
Durham Technical Community College
1637 E. Lawson Street
Durham, NC 27703

Date: August 15, 2024

Memorandum

Project #: 39670.01

From: Andrew Topp, PE, PTOE Re: Durham Technical Community College (DTCC)

Orange County Campus - Parking Study

Hillsborough, NC

Durham Technical Community College (DTCC) has plans to construct an addition to the educational building on the DTCC Orange County campus along College Park Road in Hillsborough, North Carolina. VHB Engineering NC, P.C. (VHB) was retained by DTCC to conduct a parking study for the proposed development. As shown on the conceptual site plan (Figure 1 in the Appendix), access to the campus parking lot and park-and-ride lot are accessible via a full-movement driveway on College Park Road and a right-in, right-out driveway on Waterstone Drive. The campus is located at 525 College Park Road and will undergo redevelopment to construct an addition (12,575 square feet) to the existing educational building (40,175 square feet).

An evaluation of current and future parking demand was conducted for the campus as well as the park-and-ride lot to help DTCC understand their parking needs and determine what may be required for future campus expansions.

As required by the Town of Hillsborough Unified Development Ordinance (UDO) (Development Standards, last amended March 11, 2024), Table 6.13.3.4, the minimum number of parking spaces that shall be provided for a Vocational School, at the rate of 1 parking space per 200-SF of indoor space, resulting in a total of 264 required minimum number of parking spaces for this project (Table 1).

Table 1: UDO Required Parking

Proposed Development	Indoor Area With Expansion	Required Parking Ratio by UDO	Required Parking Spaces
DTCC Orange Campus Expansion	52,750 SF	1 space per 200 SF	264

As indicated in the UDO, an applicant may propose a reduced rate of required parking specified in Section 6.13.3.3.a, Allowable Parking Reductions and Additions, in accordance with a parking study that is conducted based on the industry standards and/or comparable site data.

Based on rates published in the Institute of Transportation Engineers (ITE) Parking Generation (5th Edition), the peak parking demand on a weekday for a Junior/Community College is 188 spaces, typically occurring between 10 AM and 2 PM. As summarized in Table 2, the results based on ITE standards are approximately 29% lower than the UDO requirements for this project.

Ref: 39670.01 August 15, 2024 Page 2



Table 2: ITE Parking Generation Results

Land Use	1 1 1 1	Indoor Area	Weekday (Monday – Friday)		
Code ¹ Land Use		With Expansion	Average Rate	Peak Period	Total
540	Junior / Community College	52,750 SF	3.57	10 AM – 2 PM	188
Development Total 188				188	

^{1.} Land Use Code and trip generation rates are determined based on ITE Parking Generation, 5th Edition.

Existing and Projected Parking Demand

The existing DTCC parking lot contains 199 spaces, and the park-and-ride parking lot contains 124 spaces. The park-and-ride lot is used by the Town of Hillsborough and GoTriangle as a free park-and-ride location. Parking demand fluctuates day to day based on the number of classes in session. To help determine the maximum parking demand and availability of parking, vehicle counts were collected to measure the total number of vehicles within the lots over the course of a multiday collection period. The parking data were collected from 12:00 PM on Wednesday, July 10, 2024, to 11:00 AM on Thursday, July 25, 2024, while the DTCC Summer Term was in session, and the results are summarized in Exhibit 1. Pneumatic tubes were used to continuously collect the vehicle movements into and out of the two driveways along with park-and-ride lot. An in-person field parking occupancy measurement was also conducted at the beginning, end, and midway through the data collection to help verify the calculations.

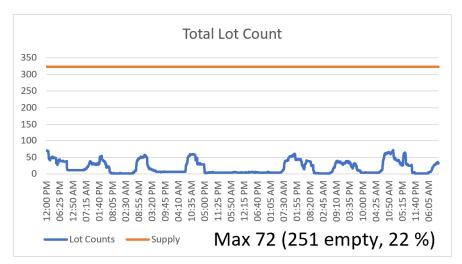
The number of vehicles present within each parking zone fluctuated over the course of the collection period with peak parking experienced around 12:50 PM on Wednesday, July 17^h, 2024. At that time, there was a maximum parking demand of 72 spaces with 251 empty spaces (~22% occupied) within the collection area of campus.

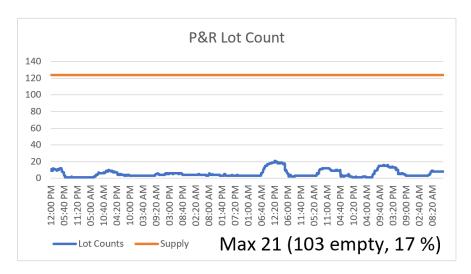
As shown in Exhibit 1, the Durham Technical Community College lot was recorded to have 135 empty spaces, the park-and-ride lot was recorded to have 103 empty spaces (~22% occupied) at their maximum occupancy periods. Exhibit 1 on the following page illustrates the areas of parking data collection and the occupied spaces over the course of the collection period for each of the lots.

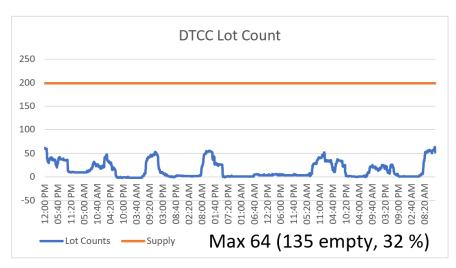
16



Exhibit 1: Existing Parking Demand – Summer Term







17



Based on course data provided by DTCC, the summer course offerings are about half of those in the fall or spring (45 compared to 84 and 101, respectively). The maximum parking demand recorded for a typical summer semester week was 64 occupied spaces in the DTCC lot. An adjustment factor based proportionally on the course offerings in the fall and spring, as well as the additional square footage was applied to the collected parking data. As shown in Table 3, the expected parking demand for a typical fall or spring semester week is 119 spaces and 163 occupied spaces, respectively. Based on conversations with on-campus staff, this number is consistent with their observations where the lot is generally half full most weekdays and close to two thirds full on their busiest days throughout the year. A proportional parking demand increase associated with the building expansion results in a demand of 189 spaces, which can be accommodated within the current parking lot with a 10-space surplus.

Table 3: Field Based Parking Calculations

DTTC Semester	Course Offerings	Parking Demand	Parking Supply	Parking Net
Summer Term	45	64 spaces (counted)	199	135 Space Surplus
Fall Term	84	119 spaces (estimated)	199	115 Space Surplus
Spring Term	101	144 spaces (estimated)	199	55 Space Surplus
Future Maximum with	131	189	199	10 Space
Expansion (+31%)	(estimated)	(estimated)	199	Surplus

There are currently 199 spaces in the lots surrounding the existing Durham Technical Community College building, with 124 spaces in the park-and-ride lot. Based on the results of the park-and-ride count, there was a maximum parking demand of 21 spaces. This is consistent with available aerial photography reviewed and conversations with DTCC staff familiar with the lot. Based on a hypothetical doubling of this demand to coincide with higher occupancies in the spring and fall, there is still a surplus of spaces available in the park-and-ride lot. Table 4 illustrates the number of parking spaces available on the property when the DTCC and park-and-ride lots are combined. The total combined surplus of parking with the expansion in place and park-and-ride included is 92 spaces.

Table 4: Field Based Parking Calculations with Park-and-Ride

DTTC Semester	DTCC Estimated Parking Demand	DTCC Parking Supply	Park & Ride Estimated Parking Demand	Park & Ride Parking Supply	Parking Net
Future Maximum with Expansion (+31%)	189	199	42	124	92 Space Surplus

Ref: 39670.01 August 15, 2024 Page 5



Conclusion

Based on the results of this parking evaluation, the DTCC Orange County site with the building expansion is expected to have a maximum parking demand of 189 spaces. This number is consistent with the ITE projected demand of 188 spaces for a building of this size and observations from daily users of the lots. The campus currently has 199 spaces available, which will accommodate the projected demand in the spring or fall semesters with the expansion in place.

The park-and-ride lot located next to the DTCC parking lot has an excess number of spaces within close proximity of the DTCC building. Based on the results of the analysis, the 323 total combined spaces will accommodate the parking demand of both the DTCC and park-and-ride use with an estimated 92-space surplus. As a result, no additional onsite parking needs to be constructed to accommodate their anticipated parking demand.

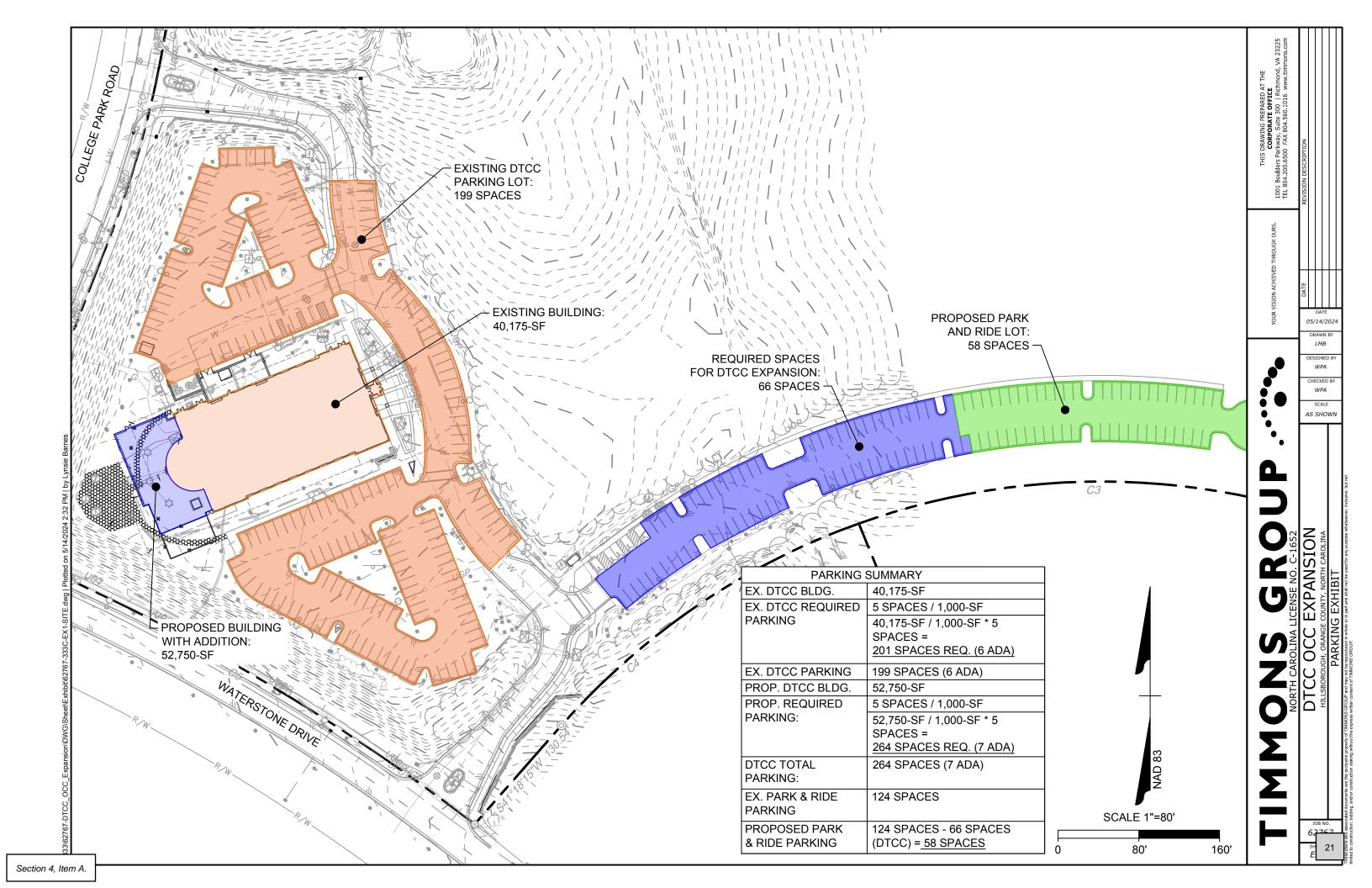
19

Ref: 39670.01 August 15, 2024 Page 6



Appendices

20



SPECIAL USE MODIFICATION DRAWINGS FOR:

DURHAM TECHNICAL COMMUNITY COLLEGE ORANGE COUNTY CAMPUS EXPANSION

525 COLLEGE PARK RD, HILLSBOROUGH, NC 27278

TOWN OF HILLSBOROUGH BOARD OF ADJUSTMENT CASE # BA-02-2025



SITE DATA TARI E

SITE DATA TABLE				
PROJECT NAME:	DURHAM TECHNICAL COMMUNITY COLLEGE ORANGE COUNTY CAMPUS EXPANSION			
STATE CONSTRUCTION OFFICE (SCO) NUMBER	23-26062-02A			
PROPERTY OWNER/ DEVELOPER:	DURHAM TECHNICAL COMMUNITY COLLEGE 1637 E LAWSON ST, DURHAM, NC 27703 ORANGE COUNTY 300 W. TRYON ST., HILLSBOROUGH, NC 27278			
PIN ID:	9873330977			
DEED ACRES:	20			
PROPERTY ZONING:	ESU			
CURRENT USE:	VOCATIONAL SCHOOL			
PROPOSED USE:	VOCATIONAL SCHOOL			
DISTURBED AREA:	0.54 ACRES			
RIVER BASIN:	CATES CREEK (NEUSE)			
SURFACE WATER CLASSIFICATION:	LOWER ENO UNPROTECTED			
PARKING REQUIREMENTS:	EXISTING DTCC PARKING: 197 SPACES (6 ADA) EXISTING PARK AND RIDE PARKING: 124 SPACES (5 ADA) REQUIRED PARKING SPACES: 1 SPACES / 200-SF: 52,414-SF / 200-SF X 1 SPACE = 262 SPACES PROVIDED DTCC PARKING SPACES: 262 SPACES (7 ADA) PROVIDED PARK AND RIDE PARKING: 59 SPACES (5 ADA) ADA SPACES REQUIRED: 7 SPACES (FOR DTCC)			
EXISTING IMPERVIOUS:	4.18 AC			
NEW IMPERVIOUS:	0.10 AC			
TOTAL POST DEVELOPMENT IMPERVIOUS:	4.28 AC			



VICINITY MAP
SCALE 1"=300'

PROJECT TEAM

ARCHITECT

KATHERINE HOGAN ARCHITECTS CONTACT: KATHERINE HOGAN, AIA LEED AP PHONE: (919) 793-5063 553 PYLON DRIVE RALEIGH, NC 27606 OWNERS

DURHAM TECHNICAL COMMUNITY COLLEGE CONTACT: MARIE-PIERRE LUSSIER, PMP PHONE: (919) 747-4544 4601 CREEKSTONE DR, SUITE 130 DURHAM, NC 27703

ORANGE COUNTY CONTACT: TRAVIS MYREN PHONE: (919) 245-2300 300 W. TRYON ST. HILLSBOROUGH, NC 27278 APPLICANT / CIVIL ENGINEER

TIMMONS GROUP CONTACT: WILL ALTMAN, PE PHONE: (919) 866-4938 5410 TRINITY ROAD, SUITE 102 RALEIGH, NC 27607

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NO. DESCRIPTION

1 SCHEMATIC DESIGN
2 DESIGN DEVELOPMENT
3 DESIGN DEVELOPMENT - SCO

 1
 SCHEMATIC DESIGN
 06.10

 2
 DESIGN DEVELOPMENT
 09.19

 3
 DESIGN DEVELOPMENT - SCO
 10.18

 4
 1ST EC&S SUBMITTAL
 11.14

 5
 1ST SUP SUBMITTAL
 11.15

 6
 2ND SUP SUBMITTAL
 01.22

 7
 3RD SUP SUBMITTAL
 02.19

 8
 4TH SUP SUBMITTAL
 03.19

 9
 50% CD SUBMITTAL - SCO
 03.31

 10
 5TH SUP SUBMITTAL
 04.11

 11
 100% CONSTRUCTION DOC
 04.11

23-26062-01

SHEET TITLE

COVER SHEET

SHEET NUMBER

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UNTIL

Sheet List Table

Sheet Title

COVER SHEET

AREA MAP

OVERALL EXISTING CONDITIONS PLAN

OVERALL SITE PLAN

EXISTING CONDITIONS & DEMOLITION PLAN

SITE & UTILITY PLAN

GRADING & DRAINAGE PLAN

BIORETENTION DETAIL

STORMWATER COMPLIANCE PLAN

EROSION & SEDIMENTATION CONTROL PLAN - PHASE I

EROSION & SEDIMENTATION CONTROL PLAN - PHASE II

SITE DETAILS

SITE DETAILS

PARKING EXHIBIT

OVERALL PLANTING PLAN

PLANTING PLAN

LANDSCAPE NOTES & DETAILS

OVERALL TREE PROTECTION PLAN

TREE PROTECTION PLAN, NOTES, & DETAILS

BUILDING ELEVATIONS - RENOVATION EAST, NORTH AND SOUTH

WEST + SOUTH ELEVATIONS

Sheet Number

C0.2

C0.3

C1.0

C2.0

C3.0

C3.1

C3.2

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L2.0 L3.0

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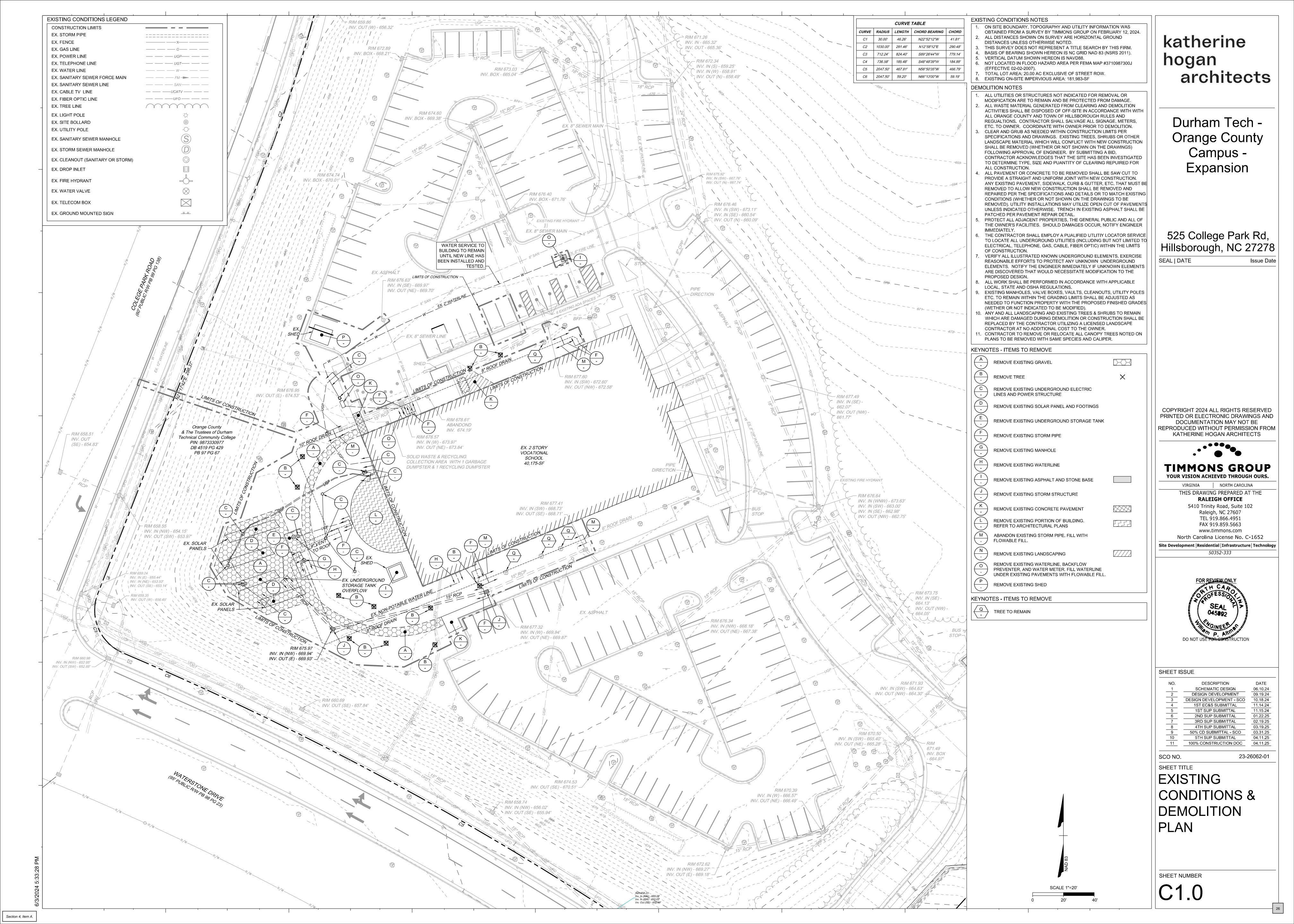
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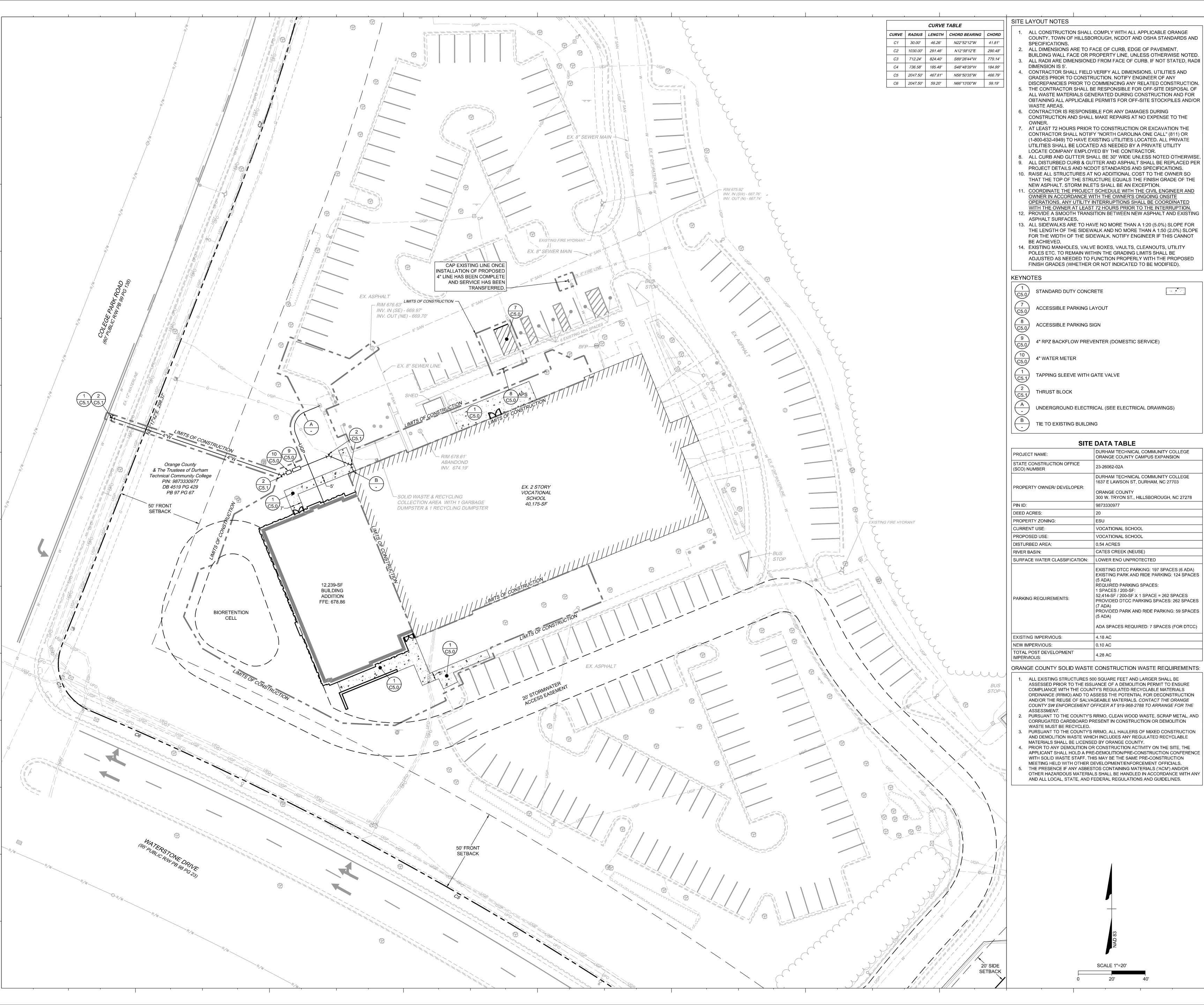
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DURHAM TECHNICAL COMMUNITY COLLEGE

DURHAM TECHNICAL COMMUNITY COLLEGE

300 W. TRYON ST., HILLSBOROUGH, NC 27278

EXISTING DTCC PARKING: 197 SPACES (6 ADA)

52,414-SF / 200-SF X 1 SPACE = 262 SPACES

PROVIDED DTCC PARKING SPACES: 262 SPACES

PROVIDED PARK AND RIDE PARKING: 59 SPACES

ADA SPACES REQUIRED: 7 SPACES (FOR DTCC)

EXISTING PARK AND RIDE PARKING: 124 SPACES

ORANGE COUNTY CAMPUS EXPANSION

1637 E LAWSON ST, DURHAM, NC 27703

23-26062-02A

9873330977

0.54 ACRES

ORANGE COUNTY

VOCATIONAL SCHOOL

VOCATIONAL SCHOOL

CATES CREEK (NEUSE)

REQUIRED PARKING SPACES:

1 SPACES / 200-SF:

4.18 AC 0.10 AC

4.28 AC

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3	DESIGN DEVELOPMENT - SCO	10.18.24
4	1ST EC&S SUBMITTAL	11.14.24
5	1ST SUP SUBMITTAL	11.15.24
6	2ND SUP SUBMITTAL	01.22.25
7	3RD SUP SUBMITTAL	02.19.25
8	4TH SUP SUBMITTAL	03.19.25
9	50% CD SUBMITTAL - SCO	03.31.25
10	5TH SUP SUBMITTAL	04.11.25
11	100% CONSTRUCTION DOC	04.11.25
O NO.		26062-01

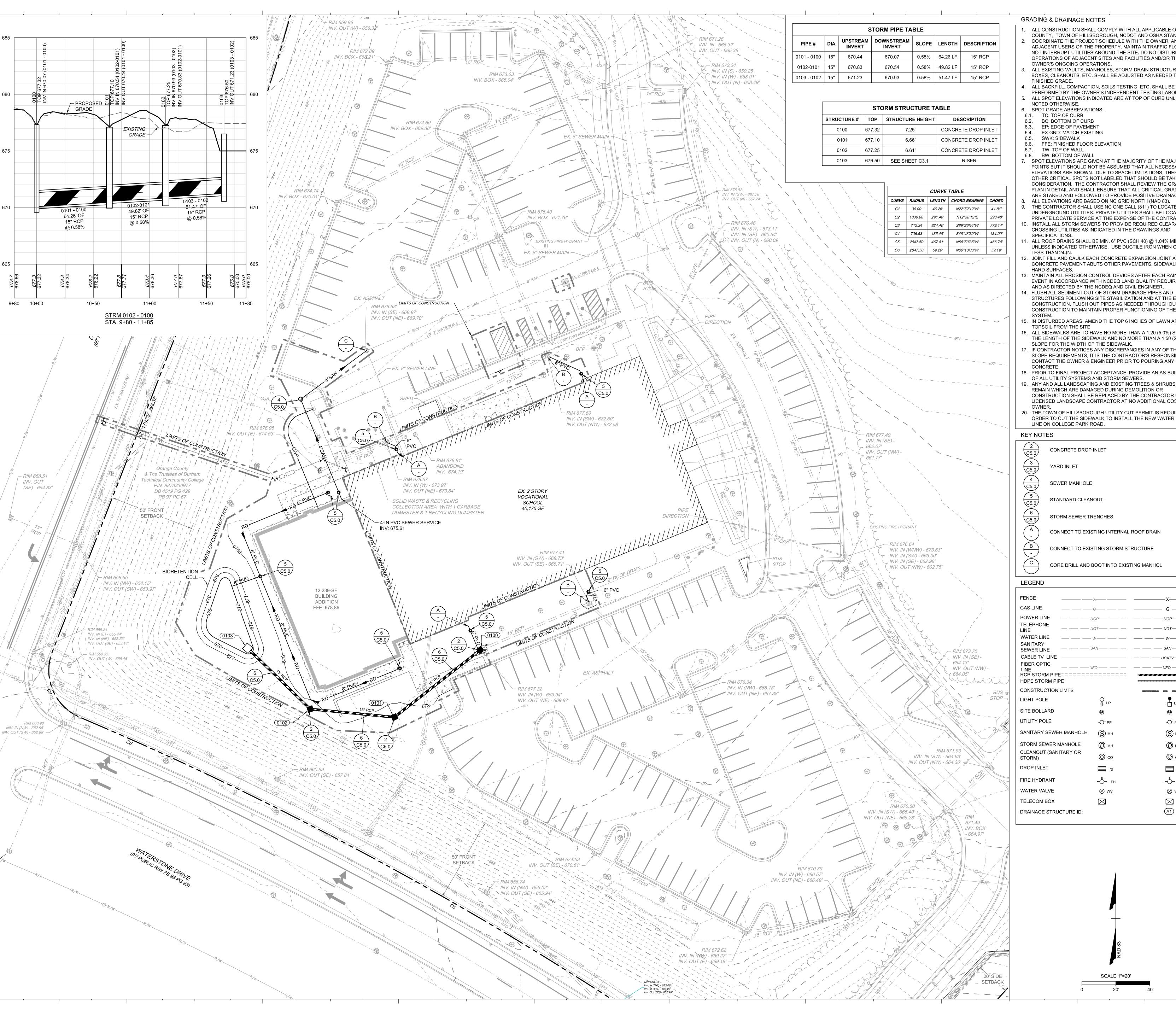
SHEET ISSUE

SITE & UTILITY

PLAN

SHEET NUMBER

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GRADING & DRAINAGE NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE ORANGE COORDINATE THE PROJECT SCHEDULE WITH THE OWNER, AND ADJACENT USERS OF THE PROPERTY. MAINTAIN TRAFFIC FLOW AND DO OPERATIONS OF ADJACENT SITES AND FACILITIES AND/OR THEIR
- OWNER'S ONGOING OPERATIONS.
- . ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE
- PERFORMED BY THE OWNER'S INDEPENDENT TESTING LABORATORY.
- SPOT GRADE ABBREVIATIONS:
- 6.1. TC: TOP OF CURB
- 6.2. BC: BOTTOM OF CURB 6.3. EP: EDGE OF PAVEMENT
- 6.4. EX GND: MATCH EXISTING
- 6.5. SWK: SIDEWALK 6.6. FFE: FINISHED FLOOR ELEVATION
- 6.8. BW: BOTTOM OF WALL SPOT ELEVATIONS ARE GIVEN AT THE MAJORITY OF THE MAJOR BREAK POINTS BUT IT SHOULD NOT BE ASSUMED THAT ALL NECESSARY SPOT
- ELEVATIONS ARE SHOWN. DUE TO SPACE LIMITATIONS, THERE MAY BE

- JOINT FILL AND CAULK EACH CONCRETE EXPANSION JOINT AND WHERE
- 3. MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT IN ACCORDANCE WITH NCDEQ LAND QUALITY REQUIREMENTS
- AND AS DIRECTED BY THE NCDEQ AND CIVIL ENGINEER 4. FLUSH ALL SEDIMENT OUT OF STORM DRAINAGE PIPES AND STRUCTURES FOLLOWING SITE STABILIZATION AND AT THE END OF CONSTRUCTION. FLUSH OUT PIPES AS NEEDED THROUGHOUT
- TOPSOIL FROM THE SITE 16. ALL SIDEWALKS ARE TO HAVE NO MORE THAN A 1:20 (5.0%) SLOPE FOR THE LENGTH OF THE SIDEWALK AND NO MORE THAN A 1:50 (2.0%)
- SLOPE FOR THE WIDTH OF THE SIDEWALK. 17. IF CONTRACTOR NOTICES ANY DISCREPANCIES IN ANY OF THESE SLOPE REQUIREMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO
- OF ALL UTILITY SYSTEMS AND STORM SEWERS. 19. ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR USING A
- 20. THE TOWN OF HILLSBOROUGH UTILITY CUT PERMIT IS REQUIRED IN ORDER TO CUT THE SIDEWALK TO INSTALL THE NEW WATER SERVICE LINE ON COLLEGE PARK ROAD.

CONCRETE DROP INLET

YARD INLET

SEWER MANHOLE

STANDARD CLEANOUT

STORM SEWER TRENCHES

CONNECT TO EXISTING INTERNAL ROOF DRAIN

CONNECT TO EXISTING STORM STRUCTURE

CORE DRILL AND BOOT INTO EXISTING MANHOL

POWER LINE CABLE TV LINE

HDPE STORM PIPE CONSTRUCTION LIMTS

SITE BOLLARD UTILITY POLE SANITARY SEWER MANHOLE S MH STORM SEWER MANHOLE CLEANOUT (SANITARY OR FIRE HYDRANT WATER VALVE \boxtimes TELECOM BOX

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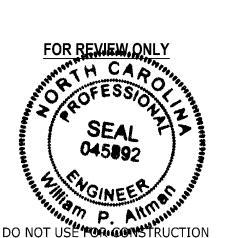
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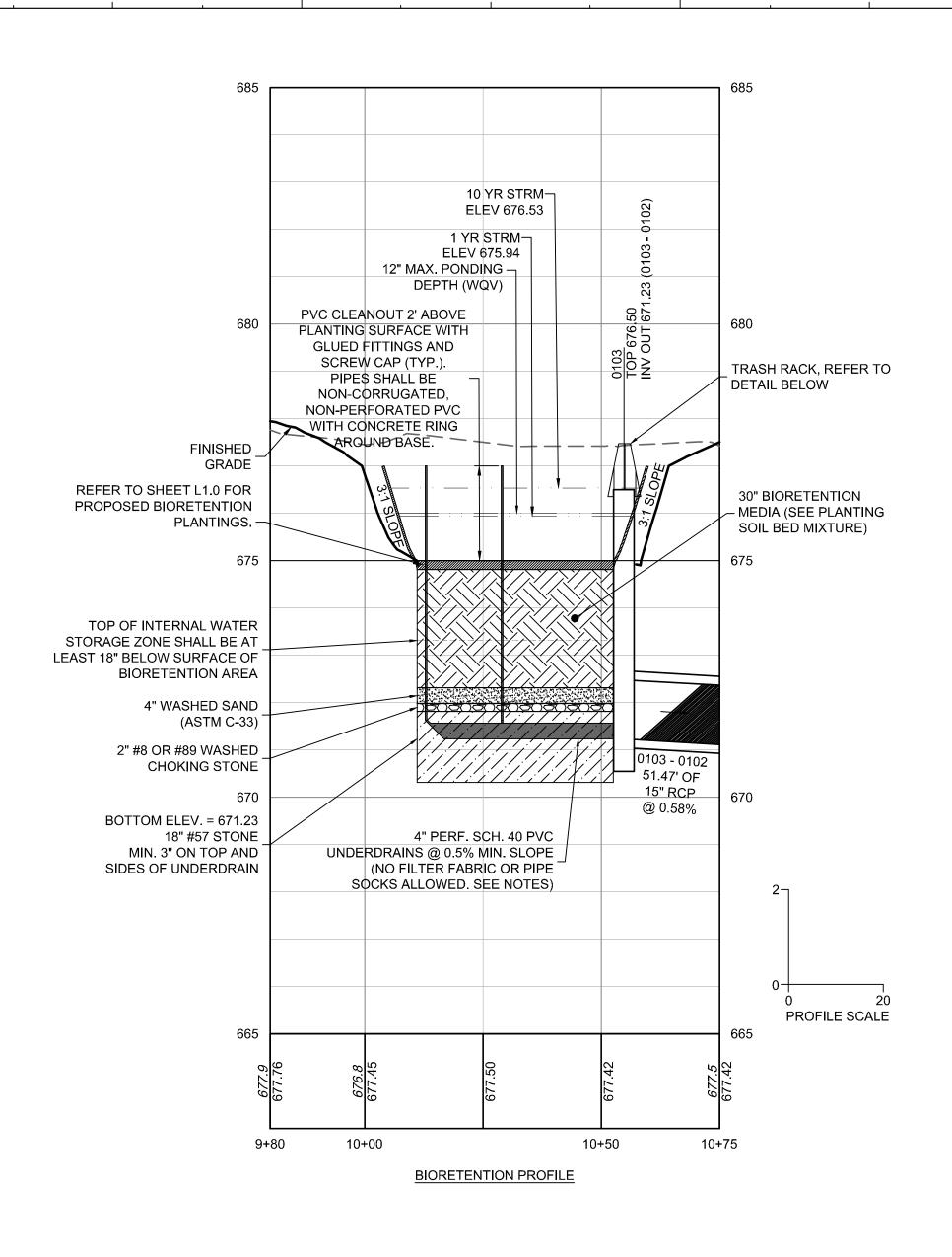
GRADING & DRAINAGE PLAN

100% CONSTRUCTION DOC

SHEET NUMBER

C3.0

Section 4, Item A.



GENERAL NOTES:

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ORANGE COUNTY, THE TOWN OF HILLSBOROUGH, NCDEQ AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
- 2. SEE GRADING PLAN FOR MORE INFORMATION ON ENTIRE SITE GRADING.
- 3. DOCUMENTATION OF THE SEASONAL HIGH WATER TABLE WILL BE PROVIDED PRIOR TO SITE PERMIT REVIEW. ELEVATION IS YET TO BE DETERMINED.

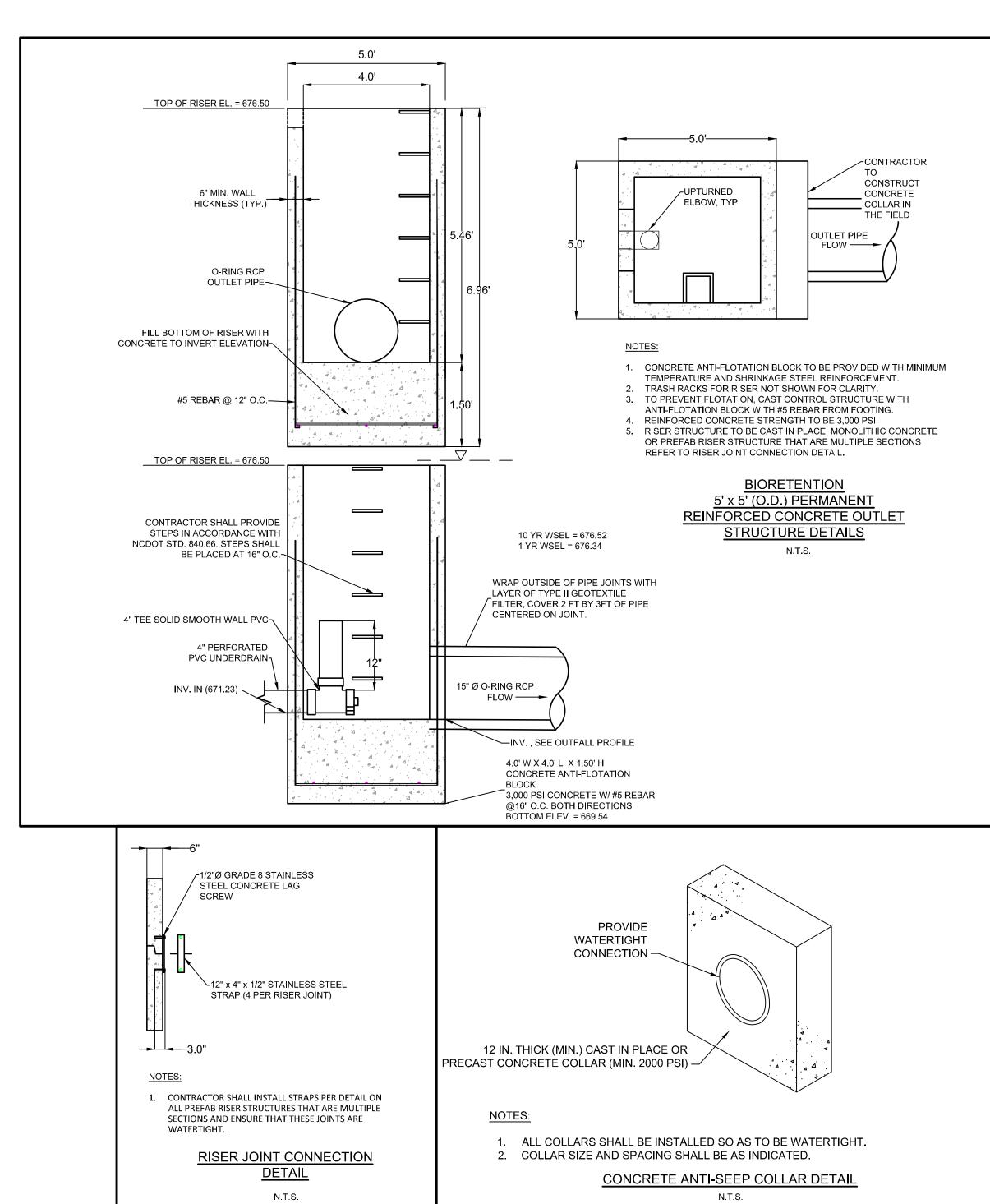
DAM EMBANKMENT AND SOIL COMPACTION SPECIFICATIONS

- 1. CONTROLLED FILL, AS SPECIFIED BY THE GEOTECHNICAL ENGINEER, IN THE DAM EMBANKMENT /KEY TRENCH SHALL BE PLACED IN 6-INCH LOOSE LAYERS (3-INCH LOOSE LAYERS WITHIN 3-FEET OF EITHER SIDE OF THE PRINCIPAL SPILLWAY PIPE TO A DEPTH OF 2-FEET OVER THE PIPE) AND SHALL BE COMPACTED TO A DENSITY OF NO LESS THAN 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY AT A MOISTURE CONTENT OF + OR TWO PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698.
- 2. ALL VISIBLE ORGANIC DEBRIS SUCH AS ROOTS AND LIMBS SHALL BE REMOVED FROM THE FILL MATERIAL PRIOR TO COMPACTION TO THE REQUIRED DENSITY. SOILS WITH ORGANIC MATTER CONTENT EXCEEDING 5% BY WEIGHT SHALL NOT BE USED. STONES GREATER THAN 3-INCH (IN ANY DIRECTION) SHALL BE REMOVED FROM THE FILL PRIOR TO COMPACTION.
- 3. FILL MATERIAL PLACED AT DENSITIES LOWER THAN SPECIFIED MINIMUM DENSITIES OR AT MOISTURE CONTENTS OUTSIDE THE SPECIFIED RANGES OR OTHERWISE NOT CONFORMING TO SPECIFIED REQUIREMENTS SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS.
- ANY FILL LAYER THAT IS SMOOTH DRUM ROLLED TO REDUCE MOISTURE PENETRATION DURING A STORM EVENT SHALL BE PROPERLY SCARIFIED PRIOR TO THE PLACEMENT OF THE NEXT SOIL LIFT.
- 5. SURFACE WATER AND STREAM FLOW SHALL BE CONTINUOUSLY CONTROLLED THROUGHOUT CONSTRUCTION AND THE PLACEMENT OF CONTROLLED FILL.
- 6. FOUNDATION AREAS MAY REQUIRE UNDERCUTTING OF COMPRESSIBLE AND/OR UNSUITABLE SOILS IN ADDITION TO THAT INDICATED ON THE PLANS. ALL SUCH UNDERCUTTING SHALL BE PERFORMED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER AND SHALL BE MONITORED AND DOCUMENTED. IN NO CASE SHALL THERE BE AN ATTEMPT TO STABILIZE ANY PORTIONS OF THE FOUNDATION SOILS WITH CRUSHED STONE.
- 7. TREATMENT OF SEEPAGE AREAS, SUBGRADE PREPARATION, FOUNDATION DEWATERING AND ROCK FOUNDATION PREPARATION (I.E., TREATMENT WITH SLUSH GROUTING, DENTAL CONCRETE, ETC.) MAY BE

- REQUIRED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER. ALL SUCH ACTIVITIES SHALL BE CLOSELY MONITORED AND DOCUMENTED BY THE GEOTECHNICAL ENGINEER.
- 8. FILL ADJACENT TO THE RISER AND PRINCIPAL SPILLWAY PIPE SHALL BE PLACED SO THAT LIFTS ARE AT THE SAME LEVEL ON BOTH SIDES OF THE STRUCTURES.
- 9. EARTHWORK COMPACTION WITHIN 3-FEET OF ANY STRUCTURES SHALL BE ACCOMPLISHED BY MEANS OF HAND TAMPERS, MANUALLY DIRECTED POWER TAMPERS OR PLATE COMPACTORS OR MINIATURE SELF-PROPELLED ROLLERS.
- 10. COMPACTION BY MEANS OF DROP WEIGHTS FROM A CRANE OR HOIST SHALL NOT BE PERMITTED.
- 11. HEAVY EQUIPMENT SHALL NOT BE ALLOWED TO PASS OVER CAST-IN-PLACE STRUCTURES (INCLUDING THE CRADLE) UNTIL ADEQUATE CURING TIME HAS ELAPSED.
- 12. TO RE-ESTABLISH VEGETATION AFTER CONSTRUCTION, A 4-INCH LAYER OF TOPSOIL SHALL BE PLACED ON THE DISTURBED EMBANKMENT SURFACE AND THE AREA SEEDED AND MULCHED OR HYDROSEEDED.

TESTING, OBSERVATION, AND CERTIFICATION

- TESTS OF THE DEGREE (%) OF COMPACTION OF THE PLACED FILL IN THE DAM /KEY TRENCH SHALL BE PERFORMED AS A PART OF THE PERMITTEE'S NORMAL QUALITY CONTROL PROGRAM FOR THE CONSTRUCTION OF THE DAM. TESTS SHALL BE CONDUCTED CONCURRENT WITH THE INSTALLATION OF THE COMPACTED FILL AND THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF THE DAM SO THAT THE TESTING CAN BE COMPLETED. SHOULD THE RESULTS OF THE TESTS INDICATE THAT THE SPECIFIED DEGREE OF COMPACTION HAS NOT BEEN OBTAINED; THE PORTIONS OF THE DAM REPRESENTED BY SUCH TESTS SHALL BE REWORKED OR REBUILT. ALL PORTIONS OF THE DAM SHALL ACHIEVE THE SPECIFIED MINIMUM DEGREE OF COMPACTION.
- 2. CONSTRUCTION OF THE SCM SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER, WHO IS REGISTERED AS A PROFESSIONAL ENGINEER IN THE STATE OF NORTH CAROLINA. THE GEOTECHNICAL ENGINEER MUST HAVE EXPERIENCE IN THE DESIGN AND CONSTRUCTION MONITORING OF SCM'S OF THE SIZE AND SCOPE COVERED BY THESE STANDARDS AND GUIDELINES.

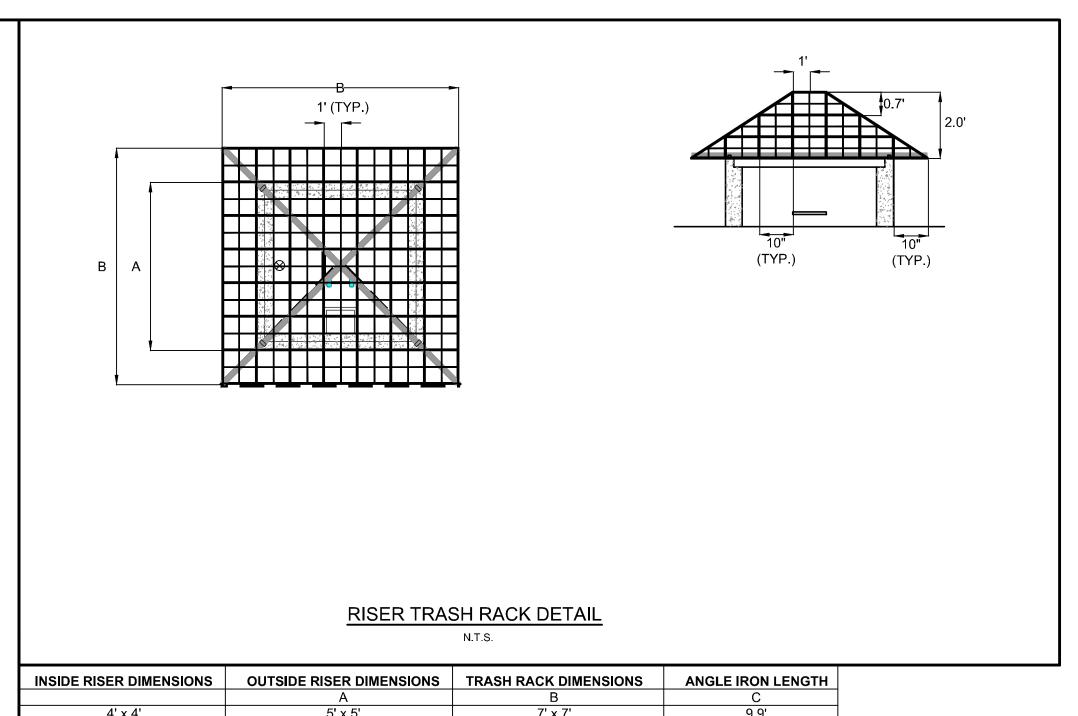


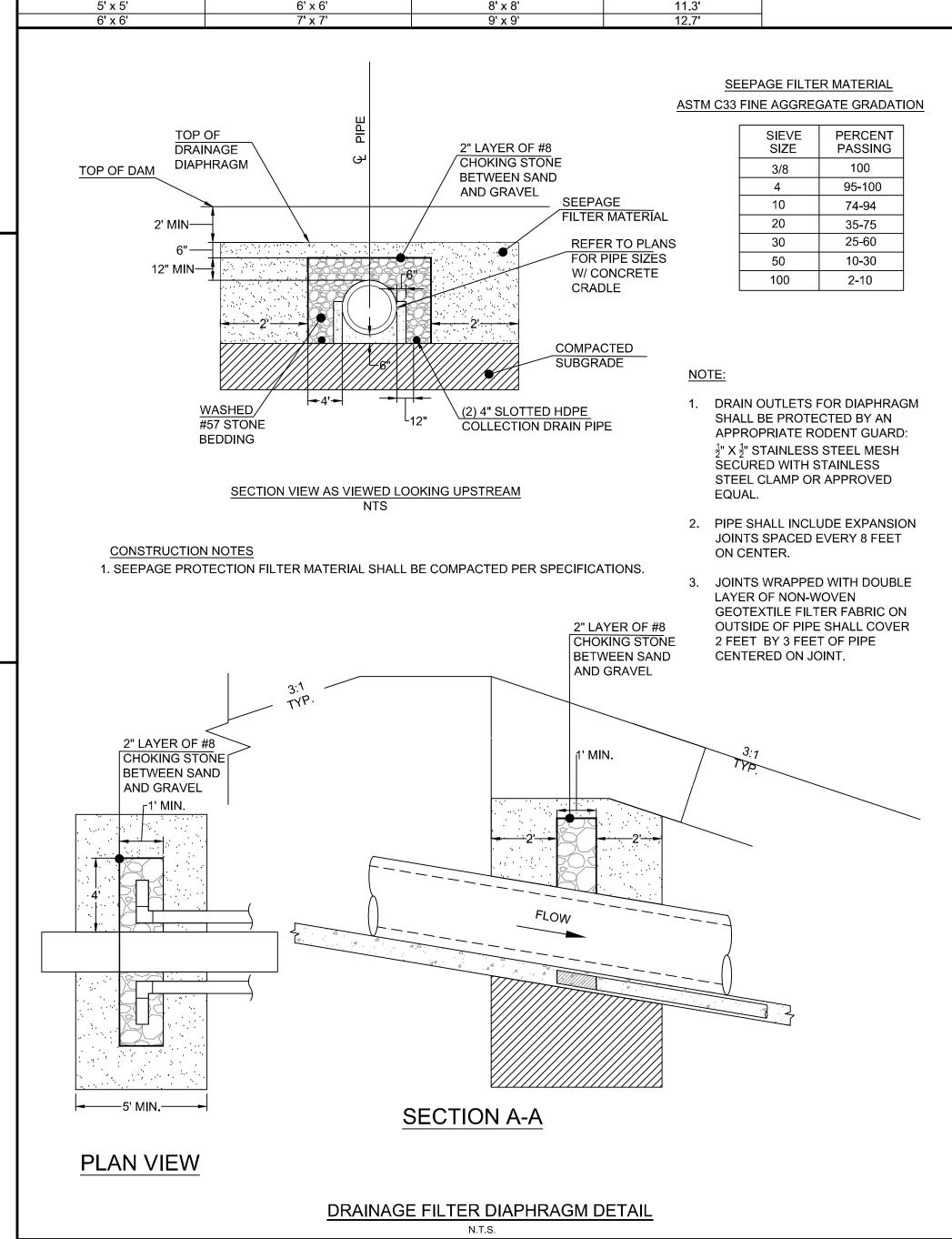
IWS BIORETENTION CONSTRUCTION SEQUENCE:

- 1. ALL EROSION SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE IN PLACE AND THE SLOPES DRAINING TO THE BIORETENTION AREA SHALL BE STABILIZED BEFORE CONSTRUCTION OF THE BIORETENTION BEGINS.
- 2. INSTALL TEMPORARY SILT FENCE AROUND THE BIORETENTION AREA AS NEEDED.
- 3. EXCAVATE BIORETENTION AREA, PER THE GRADES AND DETAILED ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS.
- 4. CONTACT ENGINEER SO AN AS-BUILT SURVEY CAN BE PERFORMED OF THE BIORETENTION. REFER TO TOWN & COUNTY AS-BUILT STANDARDS FOR DOCUMENTATION DURING INSTALLATION.
- 5. INSTALL STORM DRAINAGE PIPES, STRUCTURES, AND UNDERDRAINS.
- 6. INSTALL BIORETENTION SOIL MEDIA PROFILE.
- 7. FINE GRADE THE SIDE SLOPES OF THE BIORETENTION AREA. DRESS UP VELOCITY DISSIPATER AS NEEDED PER THE PLANS.
- 8. INSTALL SOD BERMUDA GRASS.
- 9. FINE GRADE, SEED AND STABILIZE ANY REMAINING DISTURBED AREAS AROUND THE OUTSIDE OF THE BIORETENTION AREA. REMOVE SILT FENCE.
- 10. UPON COMPLETION OF WORK, CONTACT THE PROJECT ENGINEER AND LANDSCAPE ARCHITECT FOR AN INSPECTION AND TO BEGIN THE AS-BUILT CERTIFICATION PROCESS. AN AS-BUILT SURVEY OF ALL ASPECTS OF THIS FACILITY IS TO BE PROVIDED BY CONTRACTOR AND FURNISHED TO THE ENGINEER. CERTIFICATIONS WILL NOT BE ISSUED IF THE SCM DOES NOT MEET OR EXCEED THE REQUIREMENTS CONTAINED IN THE CONSTRUCTION DOCUMENTS. SHOULD REMEDIAL WORK BE REQUIRED, ALL COSTS ASSOCIATED WITH THE REMEDIAL WORK INCLUDING RE-SURVEY AND RE-INSPECTIONS WILL BE BORNE BY THE CONTRACTOR.

PLANTING SOIL BED MIXTURE pH RANGE 5.5 TO 7.00 P-INDEX 10-30 SOLUBLE SALTS 500 PPM MAXIMUM FINES (SILT AND CLAY) 8-10% 75-85% ORGANIC MATERIAL 5-10% PERMEABILITY 2"/HOUR MIN, 6"/HOUR MAX.

2"/HOUR PREFERRED





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23-26062-01

BIORETENTION DETAIL

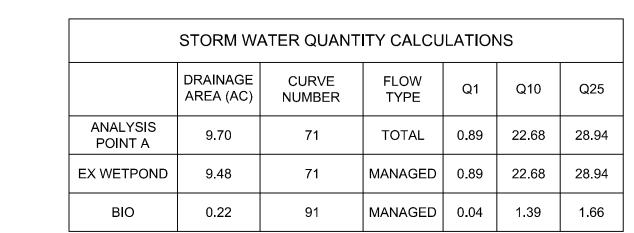
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SCO NO.

SHEET TITLE





GENERAL NOTES:

1. ALL PERMANENT SLOPES, INCLUDING SCM SIDE SLOPES, WILL BE CONSTRUCTED NO STEEPER THAN 3:1.

DESCRIPTION SCHEMATIC DESIGN DESIGN DEVELOPMENT DESIGN DEVELOPMENT - SCO 1ST EC&S SUBMITTAL 1ST SUP SUBMITTAL 2ND SUP SUBMITTAL 4TH SUP SUBMITTAL 50% CD SUBMITTAL - SCO 5TH SUP SUBMITTAL 100% CONSTRUCTION DOC 23-26062-01 SCO NO. STORMWATER COMPLIANCE PLAN

SHEET ISSUE

architects

Campus -

Expansion

DOCUMENTATION MAY NOT BE

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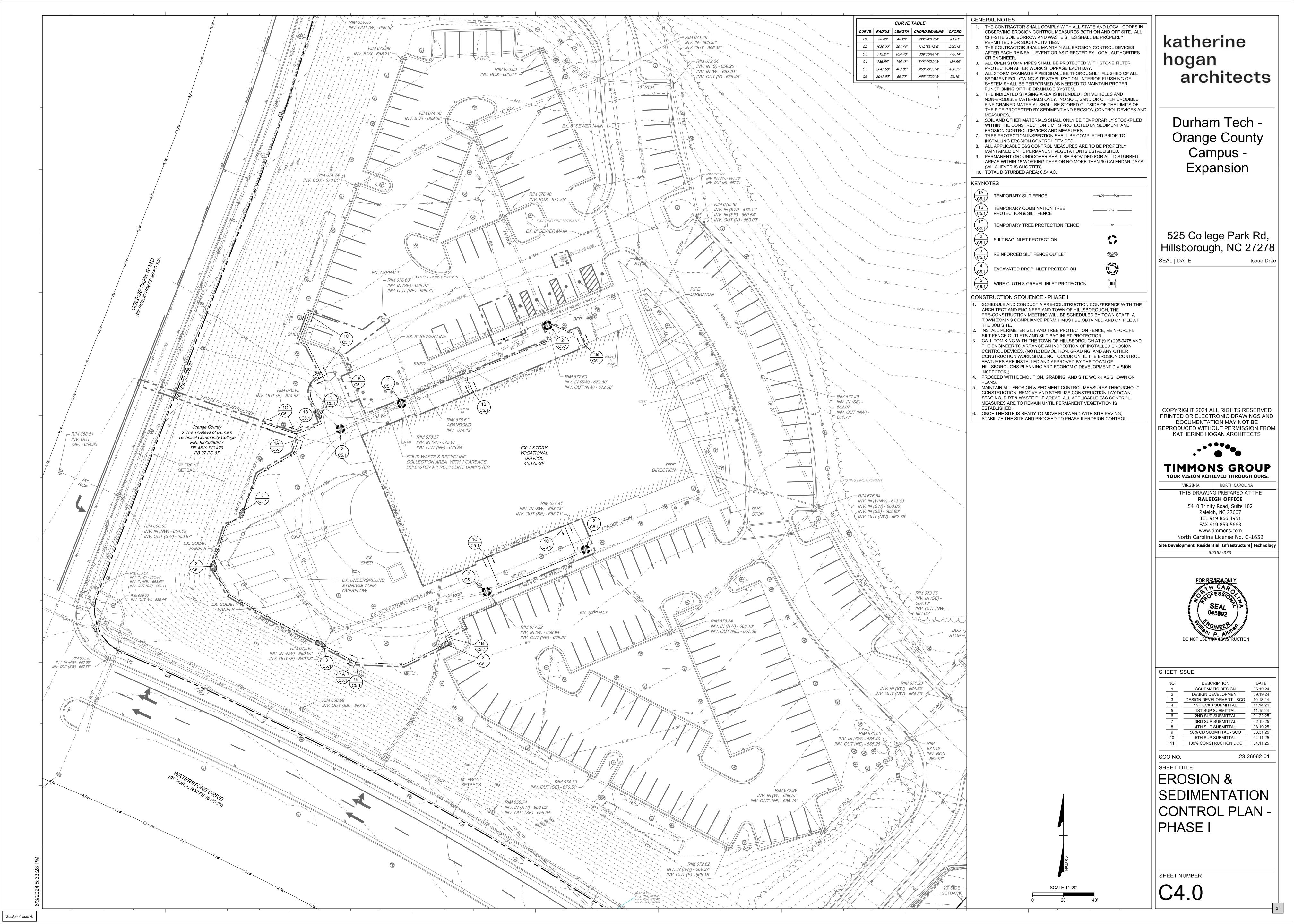
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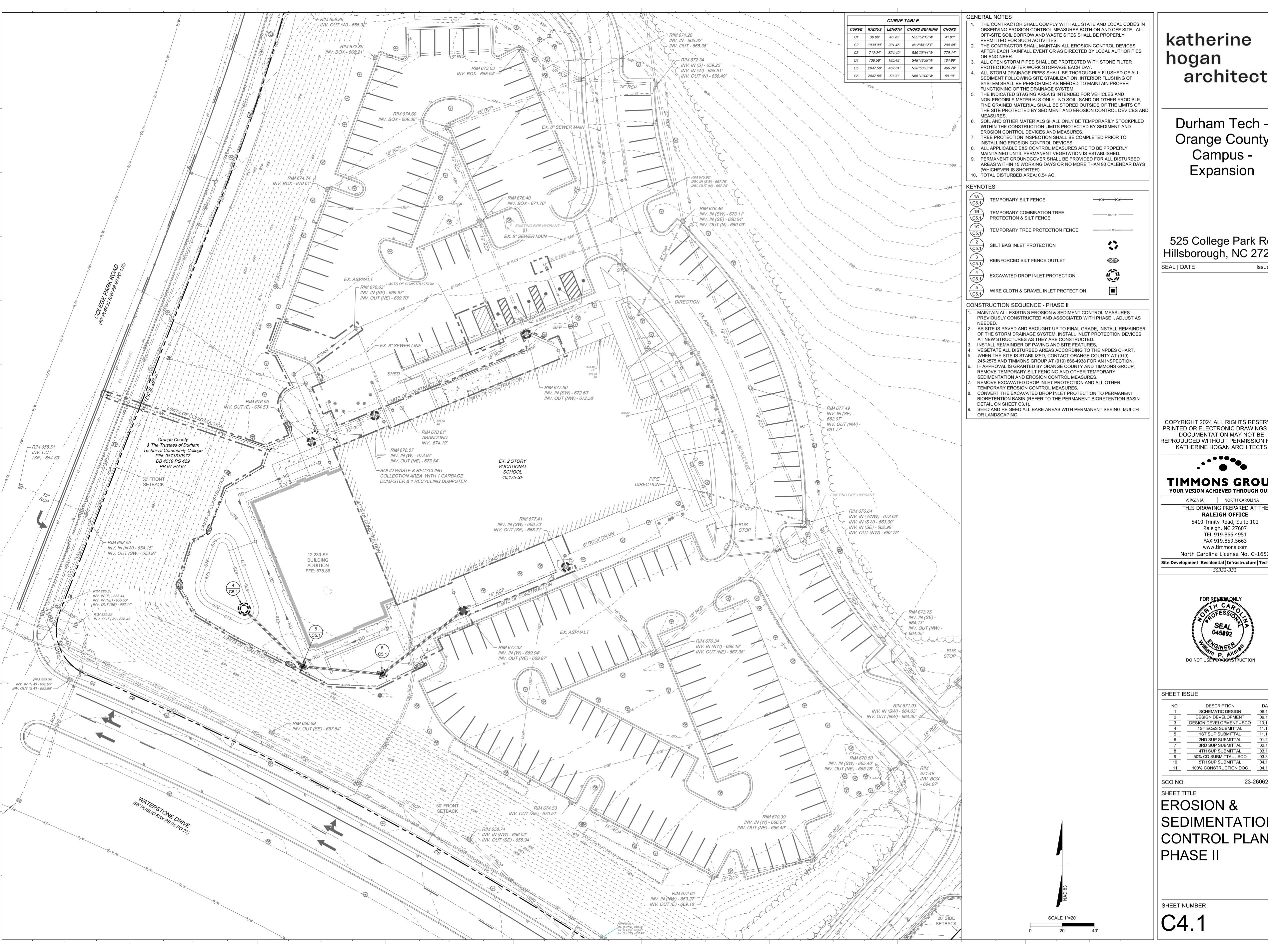
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POST-DEVELOPMENT IMPERVIOUS ANALYSIS MAP





Section 4, Item A.

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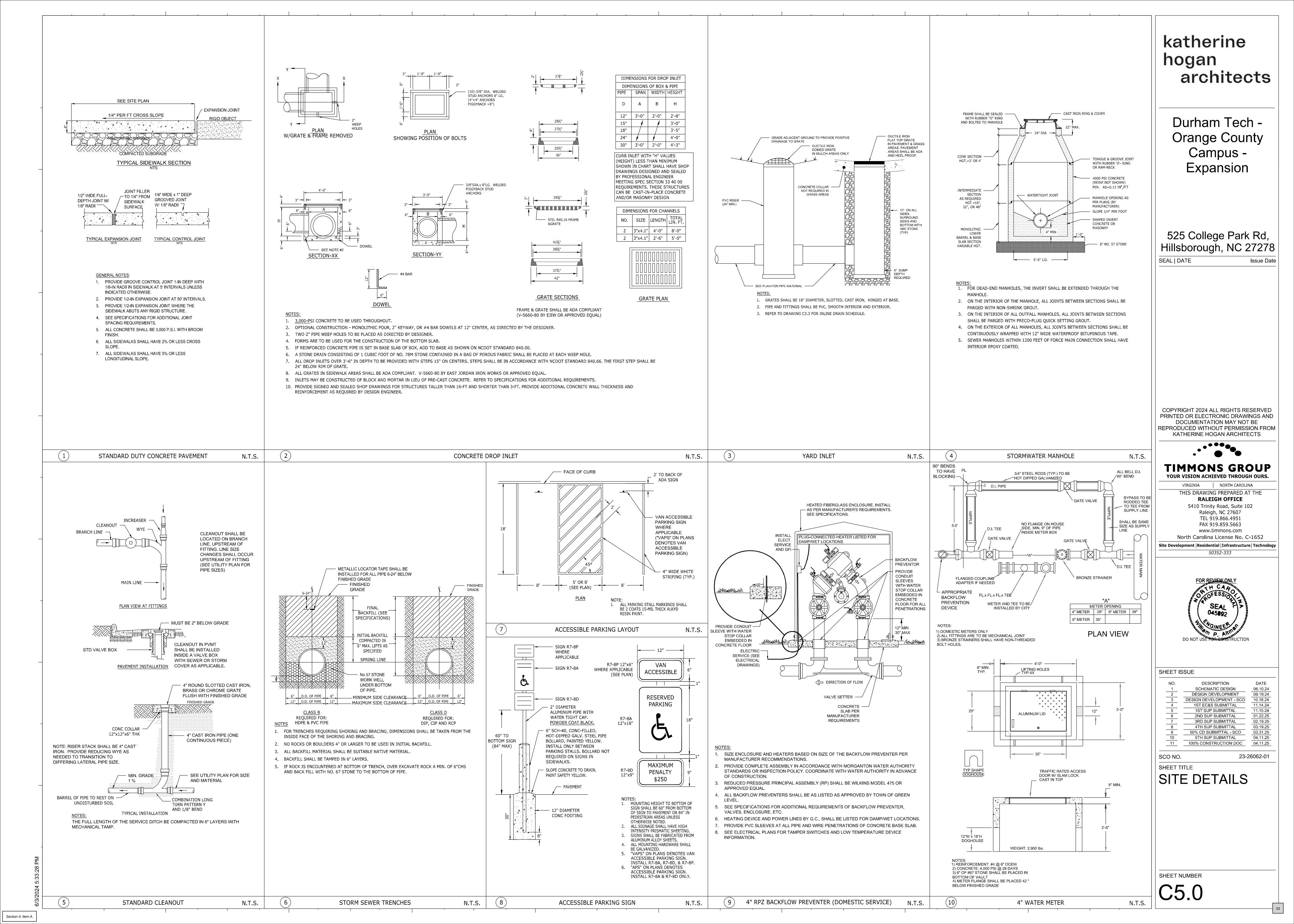
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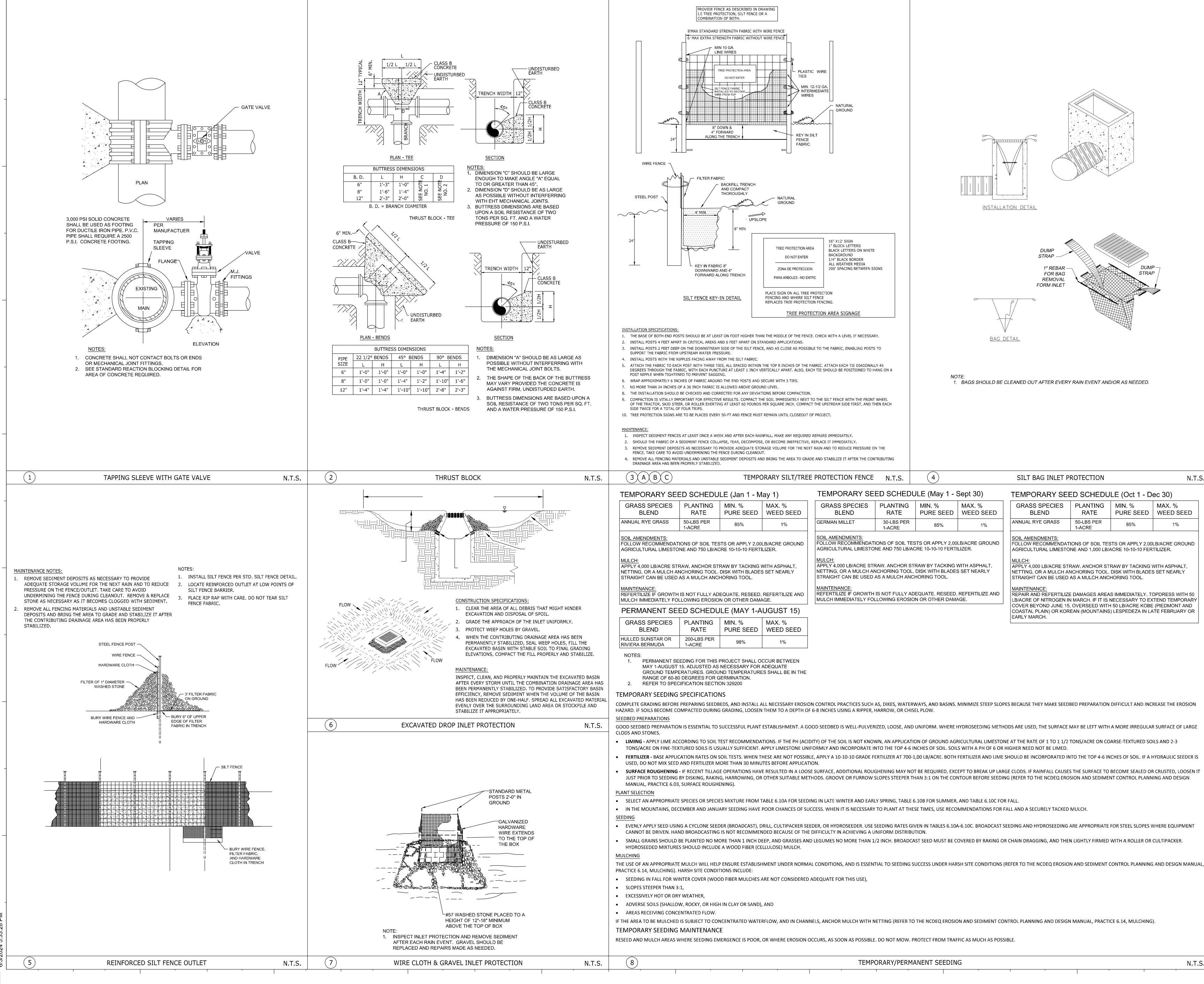
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SEDIMENTATION CONTROL PLAN -





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> Durham Tech -Orange County Campus -Expansion

525 College Park Rd, Hillsborough, NC 27278

SEAL | DATE

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NC).	DESCRIPTION	DATE
1		SCHEMATIC DESIGN	06.10.24
2		DESIGN DEVELOPMENT	09.19.24
3		DESIGN DEVELOPMENT - SCO	10.18.24
4		1ST EC&S SUBMITTAL	11.14.24
5		1ST SUP SUBMITTAL	11.15.24
6		2ND SUP SUBMITTAL	01.22.25
7		3RD SUP SUBMITTAL	02.19.25
- 8		4TH SUP SUBMITTAL	03.19.25
9		50% CD SUBMITTAL - SCO	03.31.25
10)	5TH SUP SUBMITTAL	04.11.25
1		100% CONSTRUCTION DOC	04.11.25

23-26062-01

SHEET TITLE

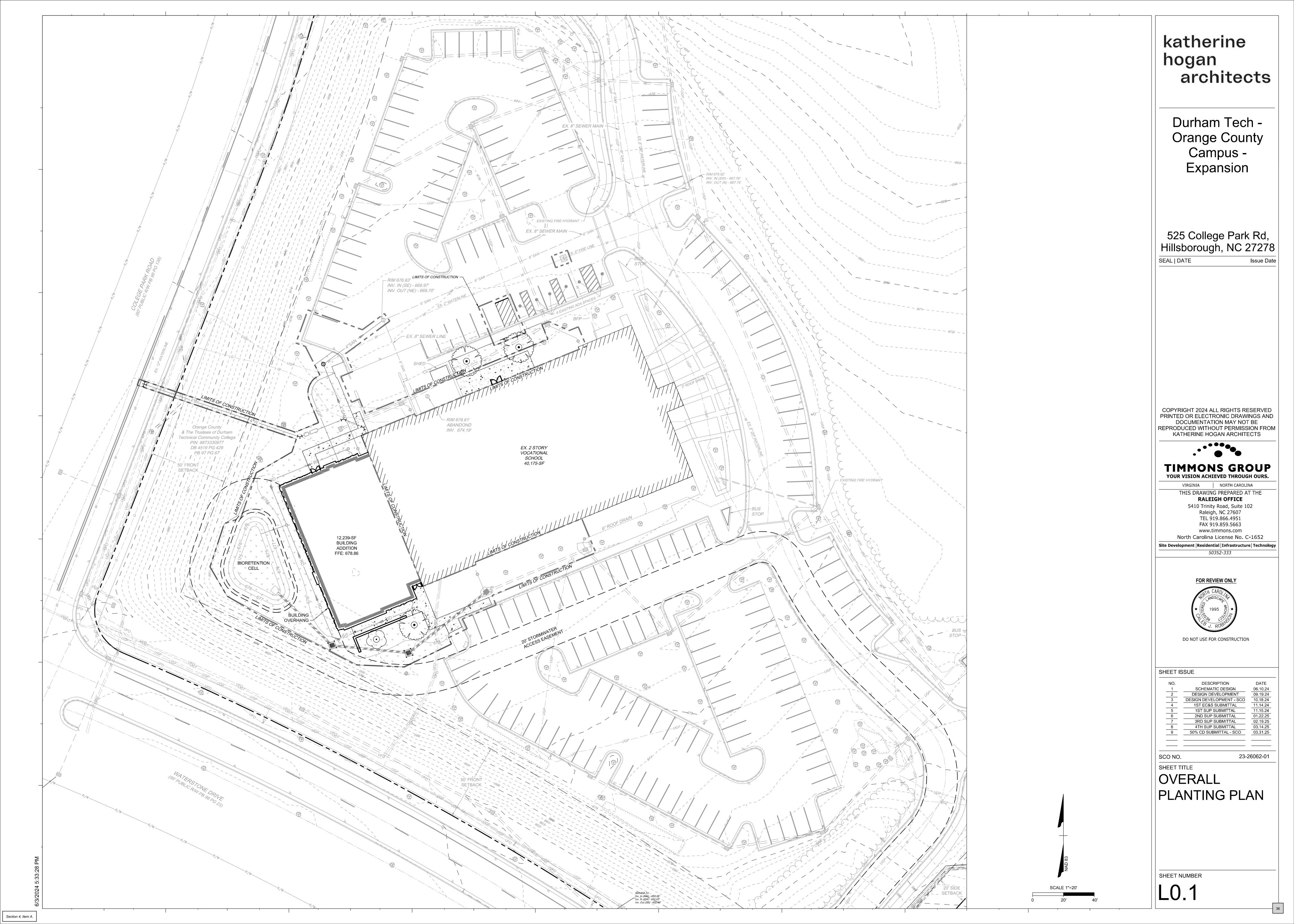
SITE DETAILS

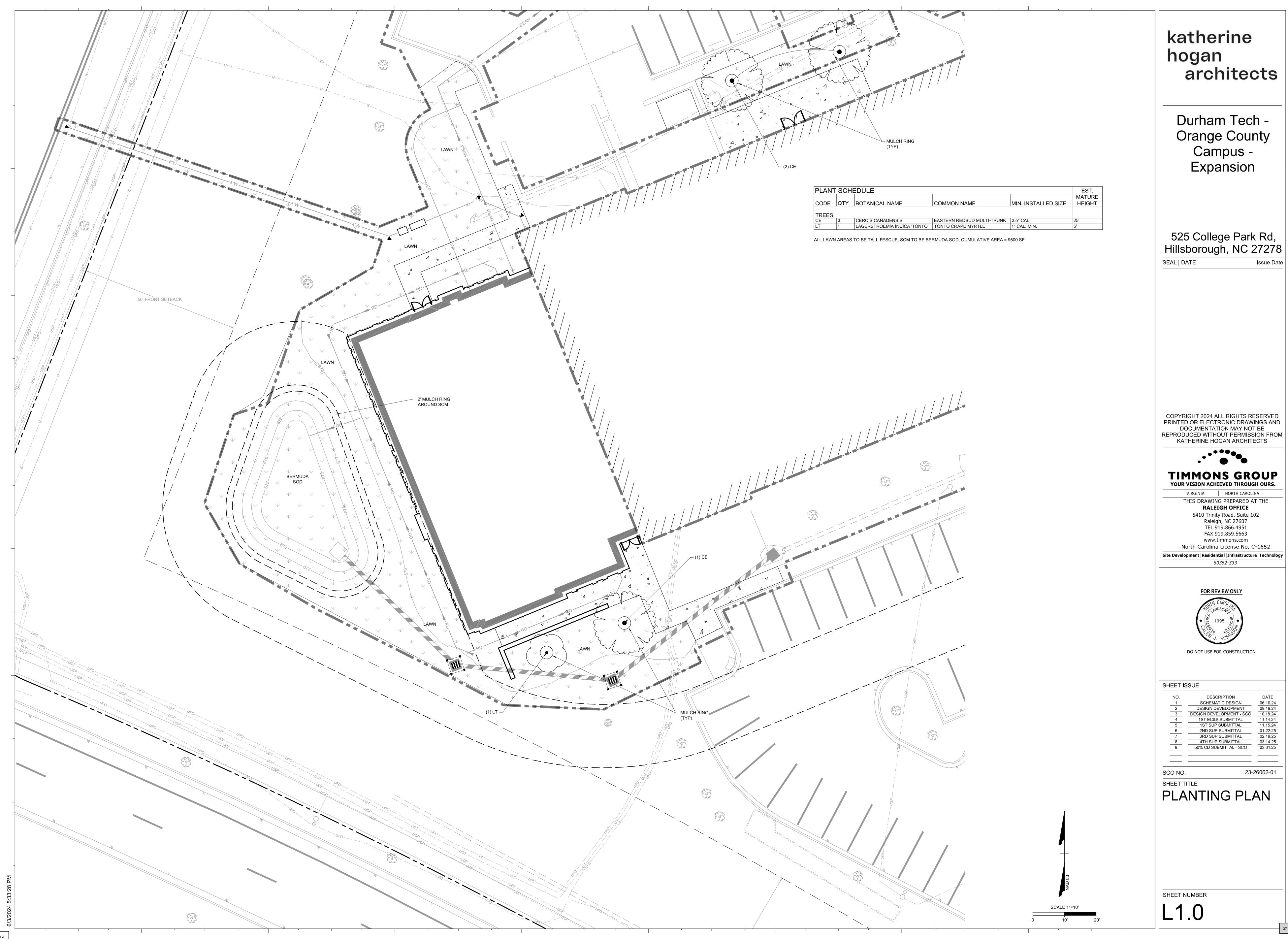
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Section 4, Item A.







Section 4, Item A.

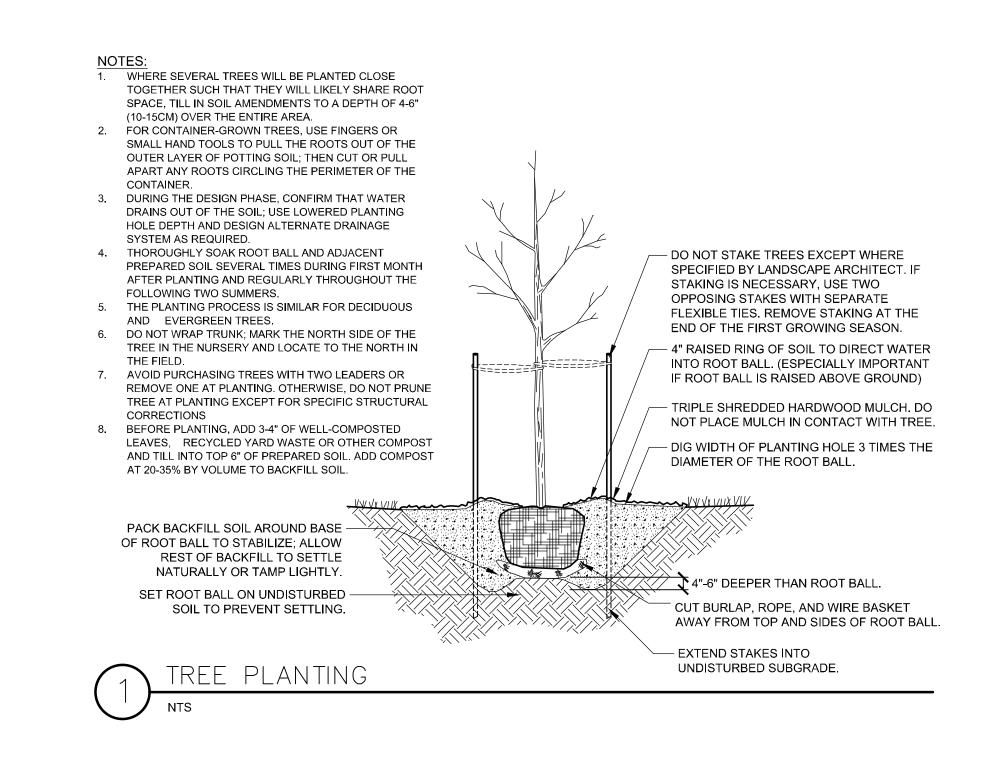
GENERAL NOTES: PRE-CONSTRUCTION 1. PRIOR TO CONSTRUCTION LOCATE ALL UNDERGROUND UTILITIES WITHIN AND ADJACENT TO THE WORK AREA. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. PROTECT ALL UTILITIES DURING CONSTRUCTION. REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF CONSTRUCTION. 2. CONTRACTOR ENGAGED IN LANDSCAPE IMPLEMENTATION SHALL BE A LANDSCAPE CONTRACTOR REGISTERED IN THE STATE OF NORTH CAROLINA. 3. VERIFY ALL PLANT MATERIAL QUANTITIES ON PLANS PRIOR TO BIDDING. PLANT LIST TOTALS ARE FOR CONVENIENCE ONLY AND MUST BE VERIFIED. 4. SUBSTITUTIONS OF PLANT MATERIALS SPECIFIED CAN ONLY OCCUR WITH PRIOR WRITTEN APPROVAL BY LANDSCAPE ARCHITECT. TOWN PLANNING AND ECONOMIC DEVELOPMENT STAFF WILL ALSO NEED TO SIGN OFF ON ANY PLANT SUBSTITUTIONS 5. PRIOR TO THE COMMENCEMENT OF ANY ACTIVITIES REQUIRING A BUILDING OR ZONING PERMIT AN ON-SITE PRE-CONSTRUCTION CONFERENCE SHALL TAKE PLACE WITH THE DEVELOPER AND THE ADMINISTRATOR TO REVIEW PROCEDURES FOR THE PROTECTION AND MANAGEMENT OF ALL LANDSCAPE ELEMENTS THAT ARE TO REMAIN AS IDENTIFIED ON THE LANDSCAPE PLAN. TOWN PLANNING AND ECONOMIC DEVELOPMENT STAFF WILL NEED TO BE INVOLVED IN ANY PRE-CONSTRUCTION MEETINGS. THE TOWN WILL CONDUCT A REQUIRED PRE-CONSTRUCTION MEETING PRIOR TO BEGINNING CONSTRUCTION. 6. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION. . ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE. B. PROVIDE PLANT MATERIALS OF QUANTITY, SIZE, GENUS, SPECIES, AND VARIETY INDICATED ON PLANS. ALL PLANT MATERIALS AND INSTALLATION SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". 8.1. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE. 8.2. ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST. 8.3. ALL TREES SHALL HAVE A STRAIGHT TRUNK AND FULL HEAD. CONSTRUCTION / INSTALLATION 1. CONTRACTOR SHALL TAKE 3 REPRESENTATIVE SOIL SAMPLES OF EACH PROPOSED PLANT BED AND SUBMIT COPIES OF THE RESULTS TO THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK. 2. CONTRACTOR IS RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS. 3. ALL LANDSCAPED AND LAWN AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL. 4. ALL LANDSCAPE ISLANDS SHALL BE GRADED FOR POSITIVE DRAINAGE WITH NO LOW SPOTS ALLOWING 5. INSTALL LANDSCAPE PLANTINGS AT ENTRANCES/EXITS AND PARKING AREAS ACCORDING TO PLANS SO THAT MATERIALS WILL NOT INTERFERE WITH SIGHT DISTANCES.

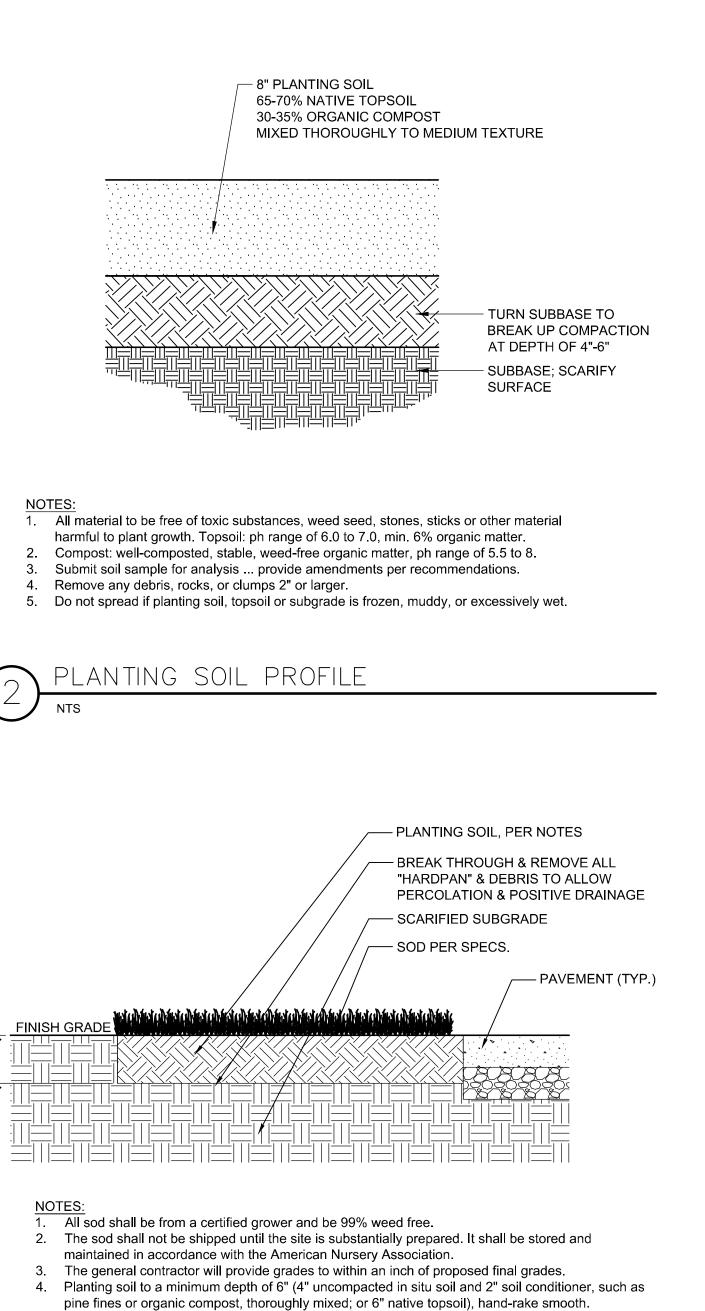
6. THE SIZE OF THE PLANTING AREA AND SIZE OF PLANT MATERIAL AT MATURITY SHALL ALLOW FOR A 2.5' BUMPER OVERHANG FROM THE BACK OF CURB. 7. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS. 8. AREAS DAMAGED FROM PLANT RELOCATION OR OTHER ACTIVITIES OF LANDSCAPE CONTRACTOR TO BE RESEEDED AND ESTABLISHED AT NO ADDITIONAL COST TO THE OWNER. 9. CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIAL DURING INSTALLATION AND UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER. CONTRACTOR SHALL NOTIFY OWNER OF CONDITIONS WHICH AFFECTS THE GUARANTEE. IT MAY BE NECESSARY TO TRUCK IN NON-CITY WATER TO MEET THE NEEDS OF PLANTS. 10. USE HERBICIDES, PESTICIDES, AND FERTILIZER IN A MANNER CONSISTENT WITH THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT AND IN ACCORDANCE WITH LABEL RESTRICTIONS. 11. ALL LAWN AREAS TO BE SEEDED SHALL USE A LOCALLY GROWN COMMERCIAL BERMUDA SEED MIX MEETING LATEST STATE OF NORTH CAROLINA AGRICULTURE STANDARDS FOR SEED AND PLANT CERTIFICATION. 12 SEEDING AND STRAW NOTES FOR LAWN AREAS: 12.1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL TO DEPTH NOTED IN SPECIFICATIONS. 12.2. RIP THE ENTIRE AREA TO DEPTH OF NOT LESS THAN 6". 12.3. REMOVE ALL LOOSE ROCKS, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE SMOOTH AND UNIFORM. DISPOSE OF WASTE MATERIAL OFF-SITE. 12.4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPER PHOSPHATE UNIFORMLY AND MIX WITH SOIL. APPLY SOIL AMENDMENTS PER REQUIRED SOIL ANALYSIS RECOMMENDATIONS. 12.5. CONTINUE TILAGE UNTIL A WELL PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED. 12.6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING. 12.7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. 12.8. INSPECT ALL SEEDED AREAS AND IF POSSIBLE, MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON. IF GRANDSTAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER, AND SEEDING RATES. 12.9. ANCHOR TACK WITH LIQUID ASPHALT AT 400 GAL/ACRE OR EMULSIFIED ASPHALT AT 300 GAL/ACRE. 13. BIODEGRADABLE WEED MATTING (ALL-PRO WEED MAT OR APPROVED EQUAL) SHALL BE REQUIRED IN SHRUB BEDS ADJACENT TO BUILDING FACADE. 14. PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH A MINIMUM 4" DEPTH OF BARK MULCH FROM A LOCAL MULCH SOURCE HARVESTED IN A SUSTAINABLE MANNER. 15. MULCH ALL PLANT BEDS AND TREE RINGS WITH FRESH, CLEAN MATERIAL PER SPECIFICATIONS. DO NOT PILE MULCH AROUND THE BASE OF PLANTS OR TREE TRUNKS. ALL MULCH EDGES SHALL BE NEATLY TUCKED. ALL STRING AND/OR BAILING WIRE SHALL BE REMOVED. DUST SHRUBS AND GROUND COVER AFTER MULCHING TO REMOVE LOOSE MATERIAL FROM PLANTS, DO NOT PLACE MULCH IN CONTACT WITH THE TREE TRUNK: KEEP A MINIMUM OF 4 INCHES AWAY FROM THE TRUNK BASE. 16. MULCH AND NO-MOW MIXES SHALL BE REPLENISHED AS NEEDED, ESPECIALLY AFTER HEAVY RAIN EVENTS. IF NO-MOW MIX GERMINATES AT A RATE OF LESS THAN 90%, THEN REMOVE OTHER SPECIES AND RESEED. 1. CONTRACTOR TO PROVIDE AND MAINTAIN TEMPORARY IRRIGATION FOR SOD WITHIN THE STORMWATER CONTROL MEASURE UNTIL SOD BECOMES ESTABLISHED. INSPECTIONS/GUARANTEE 1. LANDSCAPE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR, UPON COMPLETION OF LANDSCAPE INSTALLATION, WHO WILL VERIFY COMPLETENESS INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A FINAL INSPECTION BY THE LANDSCAPE 2. PLANT MATERIAL QUANTITIES AND SIZES WILL BE INSPECTED FOR COMPLIANCE WITH APPROVED PLANS BY A SITE PLAN REVIEW AGENT PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY.

3. GUARANTEE ALL EXTERIOR PLANT MATERIALS FOR ONE FULL YEAR AGAINST DEFECTS INCLUDING DEATH

WHEN THE OWNER TAKES OVER MAINTENANCE, WHICHEVER COMES FIRST.

AND UNSATISFACTORY GROWTH. WARRANTY PERIOD SHALL BEGIN UPON CERTIFICATE OF OCCUPANCY OR

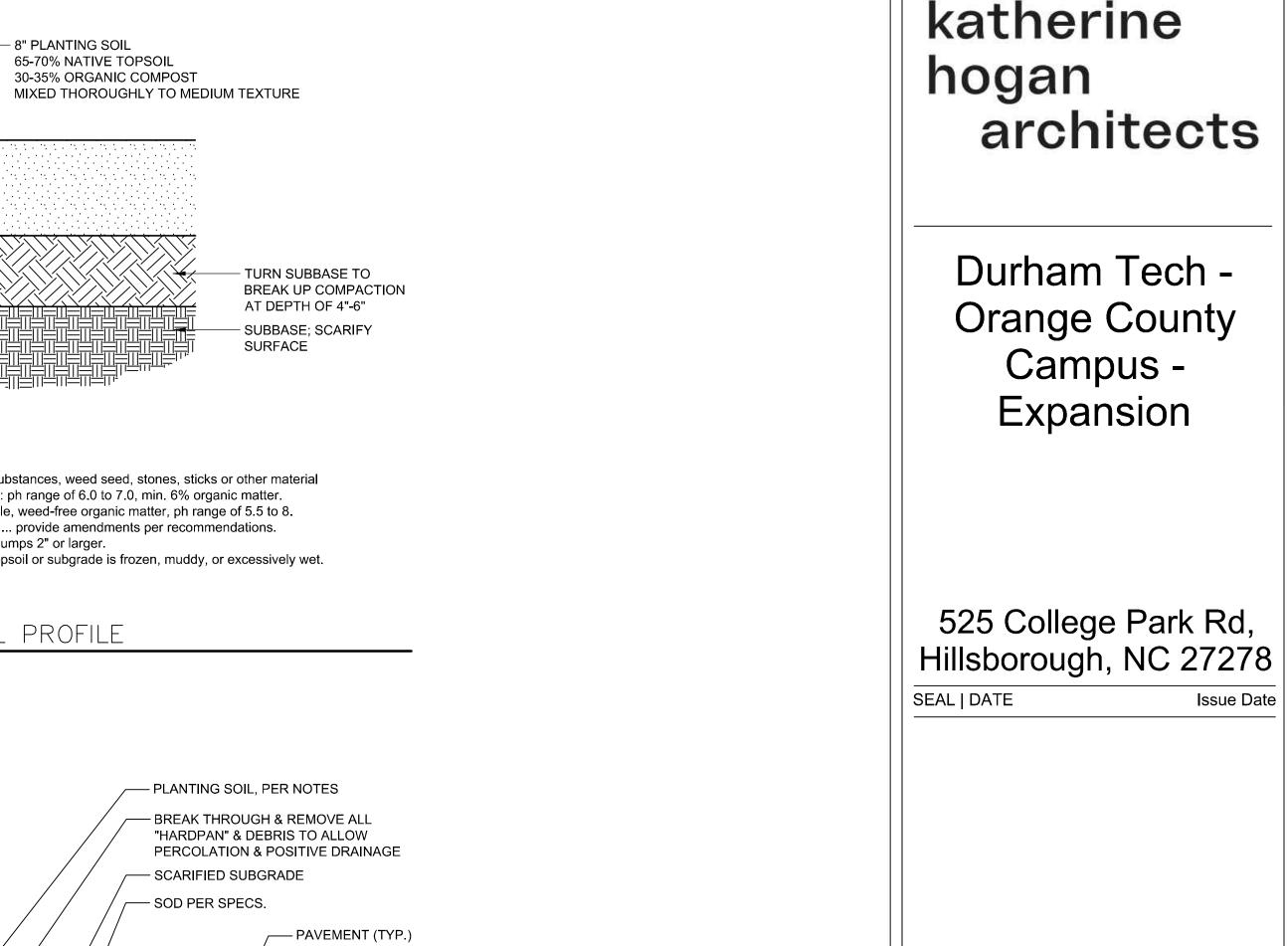


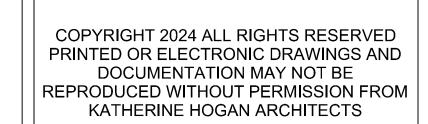


5. Add additives (per soil test analysis) & blend. 6. Water area to be sodded prior to laying sod.

7. Lay & roll sod, ensuring no gaps; stagger seams; water thoroughly.

SOD INSTALLATION DETAIL



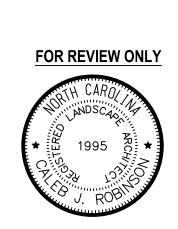




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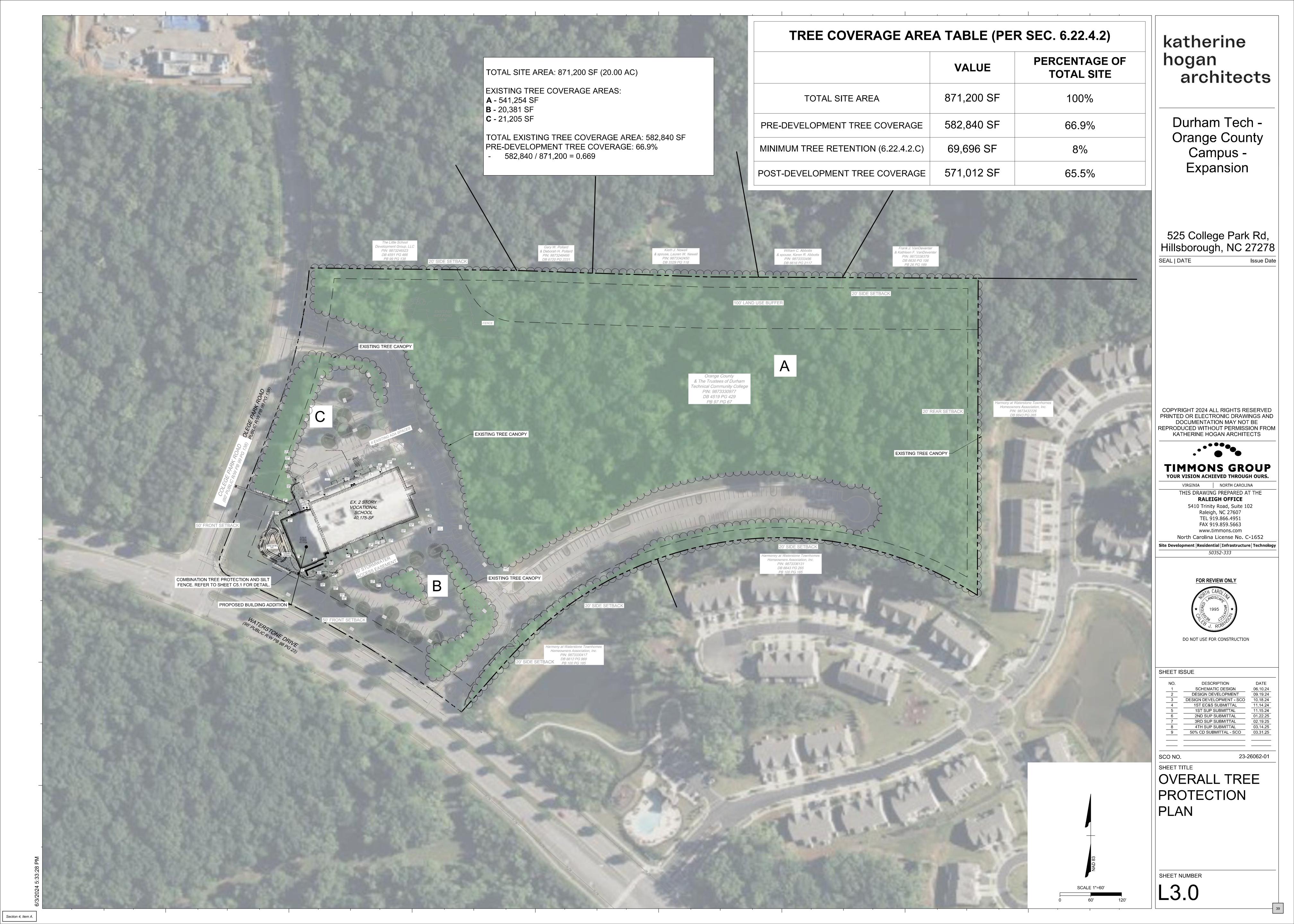
DO NOT USE FOR CONSTRUCTION

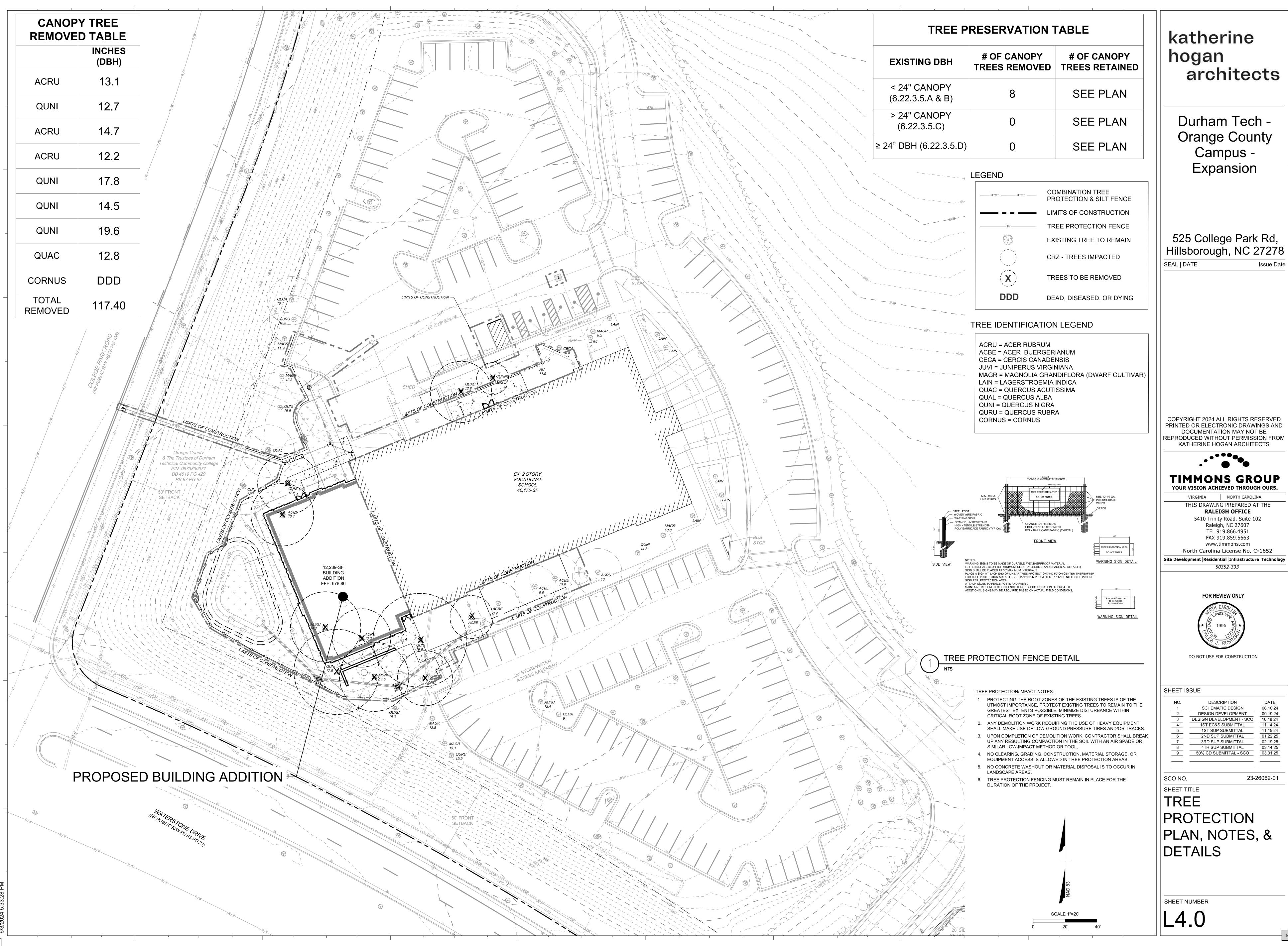
SHEET ISSUE DESCRIPTION DATE SCHEMATIC DESIGN DESIGN DEVELOPMENT DESIGN DEVELOPMENT - SCO 10.18.24 11.14.24 1ST EC&S SUBMITTAL 1ST SUP SUBMITTAL 2ND SUP SUBMITTAL 3RD SUP SUBMITTAL 02.19.25 4TH SUP SUBMITTAL 03.14.25 50% CD SUBMITTAL - SCO 23-26062-01 SCO NO.

LANDSCAPE NOTES & DETAILS

SHEET NUMBER

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NO.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	06.10.24
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katherine hogan architects

Durham Technical Community College - Orange County Campus -Expansion

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SHEET ISSUE DESIGN DEVELOPMENT DESIGN DEVELOPMENT - SCO 10.18.24

23-26062-02

SCO NO.

WEST + SOUTH ELEVATIONS

SHEET NUMBER

A-08.01

Future Land Use Map and UDO Provisions Relative to the Case

Future Land Use Map Classification:

Employment Area: These areas include a wide range of business, light industrial, office, research and development, along with related/support services uses including restaurants, small scale retail and convenience shopping/services. Buildings and uses will be sited to limit the visual impact of service and warehousing operations, while still providing convenience for business functionality. These areas are in prime locations with good access to major road networks (where capacity exists or is planned) and rail if needed and should be reserved for high return employment generating uses. Zoning Districts: High Intensity Commercial; Business Park; Economic Development District; Light Industrial, General Industrial; Entranceway Special Use; Special Design Special Use.

UDO Provisions:

Section 4 (Zoning Districts), Subsection 4.4 (Special Use Districts), Paragraph 4.4.1 (Entranceway Special Use), Sub-paragraph 4.4.1.1 (Intent): The purpose of this district is to provide for the development of well-planned and fully integrated projects containing a diverse mixture of commercial, office, and employment uses along the primary entrances to the Town of Hillsborough. This district would be appropriate on major thoroughfares at or near the boundaries of the Town's zoning jurisdiction. This district is not intended to be a vehicle by which new, primarily residential uses are introduced, except where significant new commercial, office or employment uses are also incorporated into the district.

Section 9 (Definitions), Subsection 9.2 (Definitions):

School: Vocational - A public or private school offering general, technical, and vocational instruction that operates in buildings or structures or on premises on land leased or owned by the educational institution for administrative purposes. Such uses include classrooms, laboratories, libraries, cafeterias, and other facilities that further the educational mission of the institution.

Zoning History

March 8, 2004: Over 300 acres of property south of I-85 between Old NC 86 and NC 86 South annexed into town's corporate limits and zoned ESU (Entranceway Special Use). The rezoning is subject to a Master Plan including (i) a development map identifying development restrictions by parcel, and (ii) a written set of general and specific development condition. Subject property is identified as "Parcel #16."

<u>February 13, 2006:</u> Town Board of Commissioners issues Special Use Permit #2006-04 for the "Durham Technical Community College Orange County Off-Campus Center Classroom Building & Park and Ride Lot" project. The project included an approximately 40,000 square foot, two-story community college building with 200 off-street parking spaces, and a 125-space park and ride lot. The special use permit contained conditions requiring additional town water, sewer and stormwater approvals, and inspection of tree protection fencing and possible preservation of two specified trees, prior to beginning land clearing activities.

October 2, 2006: Zoning Compliance Permit #3627 issued for community college and park and ride lot.

May 13, 2010: Zoning Compliance Permit issued for wall sign for school.

<u>June 14, 2010:</u> Town Board of Commissioners issue Special Use Permit modification allowing a ground-mounted solar array (solar panels) on the property.

October 14, 2010: Zoning Compliance Permit #4048 issued for pole-mounted photovoltaic system (solar panels) on property.

November 3, 2011: Zoning Compliance Permit #4545 issued for transit shelter at park and ride lot.

PLANNING & ECONOMIC DEVELOPMENT DIVISION STAFF REPORT

Tom King, AICP, CZO - Senior Planner Secretary to the Board of Adjustment

101 East Orange Street P.O. Box 429 Hillsborough, NC 27278

Report Date: May 7, 2025

BOARD OF ADJUSTMENT

Agenda Item: 4.B

CASE NUMBER	CASE NAME	APPLICANT/PROPERTY OWNER
BA-03-2025	Holy Family Catholic Church	Civil Consultants, Inc./Holy Family Catholic Parish of Hillsborough
HEARING DATE	PARCEL ID NUMBER	PROPERTY ADDRESS/LOCATION
May 14, 2025	9865-95-5127	216 Governor Burke Road

BRIEF SUMMARY OF REQUEST

Fourteen-foot variance from the maximum 45-foot building height requirement of the R-10 (Residential) zoning district.

EXISTING	EXISTING	SURROUNDING	FUTURE LAND	SIZE OF
ZONING	LAND USE	ZONING/LAND USE	USE CATEGORY	PROPERTY
R-10 (property located in ETJ)	Church/Place of Worship	North: AR (County)/Vacant lot & house South: R-10/Houses East: R-40/Agriculture West: R-10/Houses	Medium-density Residential Neighborhood	8.37 acres

BACKGROUND

Holy Family Catholic Church is in early planning stages for a new church building & associated parking. Planning & Economic Development Division staff have reviewed the project concept plan & advised of applicable land use regulations applicable to the proposal. The applicant identified the 45-foot maximum building height as a requirement negatively impacting proposed building plans.

ATTACHMENTS: 1. Application

materials

- 2. UDO provisions relative to case
- Zoning history

DESCRIPTION OF SUBJECT PROPERTY:

Physical Conditions:

Lot Size:		8.37 acres
Lot Frontage:	North:	Rocky Lane (SR #1622) - 684.55 feet
	East:	NC 57 – 588.79 feet
	South:	Governor Burke Road (SR #1619) - 550.72 feet
Lot Shape:		Regular and roughly square.
Topography:		Relatively level sloping gently to the west northwest to a stream. Areas of higher grade are
		found on the north/north central side of the property.
Lot Coverage:		Wooded areas along north and west sides of property.
Sensitive Areas:		Stream crosses northwest corner of lot. Stream subject to 50-foot-wide stream buffer; 100-
		foot total width.
		20-foot-wide sewer easement outside of, adjacent and along southeast side of stream buffer.
		90-foot-wide high tension electric line easement adjacent and along south side of Rocky
		Lane.
		25-foot-wide portion of 50-foot-wide power line easement adjacent to and along west side
		of NC 57.
		Larger than normal sight-distance triangles at southwest intersection Rocky Lane/NC 57
		and northwest intersection Governor Burke Road/NC 57.
<i>Note:</i> SR = State Secondary R		oad.

Built Conditions: The property is developed as a church located on the west-central portion of the lot. A separate office/education building is adjacent to the west of the church. Two accessory buildings are located northeast of the church building. Most all associated parking is located on the south side of the property. The main driveway access point is on Governor Burke Road with a secondary driveway access on Rocky Lane.



Photo date: 2021. Source: Orange County Land Records/GIS.

NEED FOR VARIANCE: The applicant's request arises from plans for a new church building.

ORDINANCE PROVISIONS FROM WHICH VARIANCE IS SOUGHT:

<u>UDO (Unified Development Ordinance) Section 6 (Development Standards), Subsection 6.3 (General Dimensional Standards), Paragraph 6.3.1 (Table: Dimensional Requirements – Residential):</u> A 45-foot maximum building height applies to properties zoned R-10 (Residential).

Requested Variance: Fourteen-feet from the maximum 45-foot building height requirement.

Proposed Building Height: Fifty-nine feet.

FINDINGS OF FACT ANALYSIS:

The Board of Adjustment is required to make all the following findings as required by NCGS (North Carolina General Statutes) Chapter 160D (Local Planning and Development Regulation), Article 7 (Zoning Regulation), Section 160D-705 (Quasi-judicial Zoning Decisions), Subsection (d) (Variances); and UDO Section 3 (Administrative Procedures), Subsection 3.10 (Variance), Paragraph 3.10.3 (General Standards/Findings of Fact), Sub-paragraph 3.10.3.1.

A Variance from all provisions of this Ordinance...shall be approved only upon a finding that all of the following standards are met:

a) Unnecessary hardship would result from the strict application of the Ordinance. It shall not be necessary to demonstrate that, in the absence of the Variance, no reasonable use can be made of the property.

<u>Applicant Arguments (See Attachment #1 for full narrative):</u> The Church has a historic, strong commitment to the local community and wishes to continue that commitment into the future. The height limit severely hinders the owner's ability to realize its program for facility expansion and presents a hardship for the Church.

<u>Staff Comment:</u> It must be shown that the nature of the hardship is much greater for the applicant or owner than others subject to the same restriction. The board must use its judgement, based on the evidence presented, to determine the hardship is more than just an inconvenience to the applicant or owner.

b) The hardship results from conditions that are peculiar to the property such as location, size or topography. Hardships resulting from personal circumstances, as well as hardships resulting from conditions that are common to the neighborhood or the general public, may not be the basis for granting a variance.

<u>Applicant Arguments (See Attachment #1 for full narrative):</u> A combination of multiple site constraints (e.g., streams and required buffers, overhead and underground utility easements, topography) create restrictive conditions affecting buildability of the property. The logical area for building is in a sloping area that would require more severe grading and construction of retaining walls if a larger, one-story building were built. A two-story building configuration with a peaked roof is desirable because it requires a smaller footprint with less site impacts.

<u>Staff Comment:</u> While the site contains all the conditions the applicant says create the hardship, there are other properties in the area similarly affected by several of them, although possibly not to the same degree.

c) The hardship did not result from actions taken by the applicant or the property owner. The act of purchasing property with knowledge that circumstances exist that may justify the granting of a Variance shall not be regarded as a self-created hardship.

<u>Applicant Arguments (See Attachment #1 for full narrative):</u> The hardship addressed by the requested variance relates to the property's physical features and characteristics, not from actions taken by the applicant or property owner.

<u>Staff Comment:</u> The applicant or owner has taken no actions to cause the hardship. The variance is sought prior to proceeding with submitting formal plans for project development.

d) The requested Variance is consistent with the spirit, purpose and intent of the Ordinance such that public safety is secured, and substantial justice is achieved.

<u>Applicant Arguments (See Attachment #1 for full narrative):</u> The variance is consistent with the spirit, purpose and intent of the ordinance because the proposed building will be significantly set back from property boundaries and not create an imposing condition (e.g., excessive shading, obscured sight lines) for adjacent properties. To ensure this, the property owner is willing to accept a requirement that the proposed church building be set back 100 feet from all property boundaries. This requirement will result in a building that doesn't detract from the character of the neighborhood.

Substantial justice will be secured in the following ways:

- 1. To the Property: Smarter design minimizes grading and other land disturbance impacts; avoiding the need to disturb environmentally sensitive areas.
- 2. To the Larger Community: Allows the Church to continue its long-term commitment to the community through the provision of a new multi-purpose building constructed to modern standards while exhibiting a traditional building form.
- 3. To Parish Members: Providing flexibility to develop and enjoy a functional and aesthetically pleasing facility reflecting more efficient and wise use of the property than would otherwise be possible.
- 4. To Adjoining Properties and Neighborhood: Providing the ability for the Church to implement its expansion program while maintaining neighborhood-appropriate character and visual aesthetics.

Staff Comment:

1. Consistency with Spirit, Purpose and Intent of the Ordinance – In deciding the variance, the board must keep in mind the purpose and intent of the ordinance and determine if granting the variance will be contrary to its purpose and intent.

UDO Section 1 (General Provisions), Subsection 1.3 (General Purpose and Intent), Paragraph 1.3.1 (General Purpose) states "The purpose of this Ordinance is...to provide for adequate light and air;" and "...to regulate and restrict the height, number of stories, and size of buildings;"

UDO Section 6 (Development Standards). Subsection 6.1 (Purpose and Intent) states "The general intent of this section is to provide standards for development to help ensure the safe and convenient development of land on sites and in locations adequate for the uses proposed..."

Based on the above, one of the main purposes of the UDO is to provide adequate air and light. This purpose and intent is accomplished through building setback, yard and height regulations found in UDO Section 6.

2. Public Safety Secured and Substantial Justice Achieved – In deciding the variance, the board must consider whether the variance will promote, or at least not harm, the interests of the community.

OTHER BOARD CONSIDERATIONS IN REVIEW OF VARIANCE REQUESTS:

UDO Section 3, Subsection 3.10, Paragraph 3.10.4 (Insufficient Justification for Variance) states "The following do not constitute grounds for a variance:

- (a) The existence of other nonconforming or conforming uses of land or structures in the same or other districts;
- (b) The request for a particular use expressly, or by inference, prohibited in the district; or
- (c) Economic hardship or the fact that property may be utilized more profitably with a Variance; or
- (d) Hardships resulting from personal circumstances and/or conditions that are common to the neighborhood or the general public, may not be the basis for granting a Variance."

RECOMMENDED CONDITIONS OF APPROVAL:

Staff have no recommended conditions for this project, if approved.

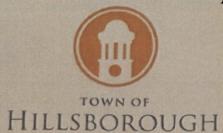
The applicant and property owner propose the following condition be placed on the variance, if approved:

1. The proposed church building will be set back at least 100 feet from all property boundaries.

The board may impose additional conditions on the variance provided they are reasonably related to the variance.

VOTING REQUIREMENT:

A four-fifths supermajority vote is required to grant a variance.



GENERAL APPLICATION Special Use Permit, Variance or Appeal Board of Adjustment Hearing

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390 www.hillsboroughnc.gov

This application is for a special use permit (including modifications), variance or appeal. Incomplete applications will not be accepted or processed.

Case Number: 8A - 03 - 2025	Fee: \$	300.00	Receipt No	o.: 5JP6JCW6Q3
FLUM Designation: Medium Density Res	idential	Zoning District:	R-10	Overlay Zone: Select One /
	hborhood			
Permit or Relief Requested: Variance				

Project Name: Holy Family Catholic Church	Project Type: Institutional		
Property Address/Location: 216 Governor Burke Ro	ad		
PIN(s): 9865955127	Size of Property (Acres/Sq. Ft.): 8.37 Ac.		
Current Use of Property: Church	Proposed Use of Property: Church		
Use Class (from UDO Sections 5.1.7 and 5.1.8): Church, I	Place of Worship		
Number Existing Buildings to Remain: 2	Number Proposed Buildings: 1 new building		
Gross Floor Area Existing Buildings: 11,900 SF +/-	Gross Floor Area Proposed Buildings: 20,700 SF +/-		
Number Lots Proposed: 1	Number Dwelling Units Proposed: None		

CERTIFICATION AND SIGNATURES Applications will not be accepted without signature of legal property owner or official agent. I certify that the information presented by me in this application and all accompanying documents are true and accurate to the best of my knowledge, information, and belief; and I acknowledge that the processing of this application may require additional town, county and/or state permits, approvals and associated fees. Applicant: Civil Consultants, Inc. Legal Property Owner: Holy Family Catholic Parish of Hillsborough Mailing Address: 3708 Lyckan Pkwy. Suite 201 Mailing Address: 216 Governor Burke Road City, State, ZIP Code: Durham, NC 27707 City, State, ZIP Code: Hillsborough, NC 27278 Telephone: 919-943-8418 Telephone: 984-884-5888 Signature: Per Re W Elde Email: tony.whitaker@civil-consultants.com Digitally signed by Tony M. Whitaker Date: 2025.04.21.09:12:36-04'00' Signature: April 21, 2025 Date: Date: Legal Relationship of Applicant to Property Owner: Consultant



AUTHORIZATION FORM

Owner's Authorization for Agent Board of Adjustment Hearing

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390 www.hillsboroughnc.gov

This form must accompany any application to go before the Board of Adjustment in which the application will not be represented by the legal property owner. Each owner shown on the property owner's deed must sign this authorization form.

I/We _	Holy Family Catholic Parish of Hillsborough
	(print names of legal property owners)
hereby	authorize Tony M. Whitaker
	(print name of agent)
to repr	resent me/us in processing an application for Variance
on my/	our behalf. In authorizing the agent to represent me/us, I/we as owner/owners attest that:
Ho	The application is made in good faith. All information contained in the application is accurate and complete. The agent is authorized to accept any and all conditions that may be placed on the approval. I/we as the property owner(s) am/are bound by any decision of the board, including any and all conditions attached to board approvals. Signature of Owner Bishap wis R Zarama By Family Catholic Parish of Hillsborough Print Name of Owner Print Name of Owner
NORTH	+ CAROLINA <u>Uake</u> county
Sworn	to and subscribed before me on this leady of April 2005 by
Luis	R Zarama Ryan W Elder. Print Name of Person Making Statement Sura M Paris Eduards
My	Sara M Paris Edwards NOTARY PUBLIC Wake County, NC Commission Expires August 05, 2029 Signature of Notary Public Sura M Paris Edwards Print Commissioned Name of Notary Public 8-5-3039 Commission Expiration Date
The i	ndividual(s) making the above statement is/are personally known or identification was produced

TOWN OF HILLSBOROUGH

SUPPLEMENTAL FORM Variance

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9475 | Fax: 919-644-2390 www.hillsboroughnc.gov

I, Tony M. Whitaker ______, hereby petition the Board of Adjustment for a variance from the literal provisions of the Hillsborough Unified Development Ordinance because I am prohibited, under the interpretation given to me by the Planning and Economic Development Division staff, from using the property described in the attached General Application in a manner shown by the Plot Plan submitted as part of this application. I request a variance from the following provisions of the ordinance:

Cite section, subsection and paragraph numbers:

Section 6.3.1 - Table: Dimensional Requirements - Residential, Max. Building Height in R-10

The variance is requested so the above-mentioned property can be used in a manner indicated by the Plot Plan submitted as part of this application or as more fully described herein:

Cite planned use of the property with variance if the plot plan does not adequately reveal the nature of the variance. If a variance is requested for a limited time only, specify duration requested.

Request variance to allow a maximum building height of 59 feet for a proposed church building.

Factors Relevant to Issuance of Variance

The Board of Adjustment does not have unlimited discretion in deciding whether to grant a variance. Under North Carolina General Statute 160D-705(d) and the Hillsborough Unified Development Ordinance, the board is required to find that all four conditions below exist before it may issue a variance. Below or on a separate sheet, indicate the facts you intend to show and the arguments you intend to make to convince the Board of Adjustment that it can properly reach these four required findings.

1. Unnecessary hardship would result from carrying out the strict letter of the regulation.

(Note: The property becoming less valuable due to failure to grant the variance is insufficient. It is unnecessary to demonstrate that no reasonable use can be made of the property in the absence of the variance.)

Refer to Attachment 1

2. The hardship results from conditions that are peculiar to the property such as location, size or topography.

(Note: Hardships resulting from personal circumstances, as well as hardships resulting from conditions that are common to the neighborhood or the general public, may not be the basis for granting a variance. A variance may be granted when necessary and appropriate to make reasonable accommodation under the Federal Fair Housing Act for a person with a disability.)

Refer to Attachment 1

3. The hardship did not result from actions taken by the applicant or the property owner. (Note: The act of purchasing property with knowledge that circumstances exist which may justify the granting of a variance is not a self-created hardship.)

Refer to Attachment 1

4. The requested variance is consistent with the spirit, purpose and intent of the regulation such that public safety is secured and substantial justice is achieved.

State facts and arguments to show that the requested variance represents the least possible deviation from the letter of the ordinance that will allow the use of the property in the manner requested and that the use of the property will not substantially detract from the character of the neighborhood if the variance is granted:

Refer to Attachment 1

I certify that all the information presented by me in this application is accurate to the best of my knowledge, information, and belief.

Tony MULL

Digitally signed by Tony M. Whitaker Date: 2025.04.21 09:03:25-04'00'

April 21, 2025

Signature of Applicant

Date

SUPPLEMENTAL FORM – VARIANCE

Holy Family Catholic Church Hillsborough, NC

1. Unnecessary hardship would result from carrying out the strict letter of the regulation.

The strict letter of the building height regulation would limit the height of the proposed building so severely that the Church's program for facility expansion could not be reasonably realized on this property. Holy Family Catholic Church has a strong history of commitment to the Hillsborough community, and desires to strengthen this commitment by investing in a very purposeful facility expansion. Being prevented from realizing the intended building program on the current property would represent a significant and unnecessary hardship to the Church. This hardship will be remedied by approval of the requested variance, with any appropriate conditions.

2. The hardship results from conditions that are peculiar to the property such as location, size or topography.

The subject property contains a unique combination of features that work together to create very restrictive conditions for expansion of the Church facilities, including:

- a) A stream flowing across the northwest portion of the property;
- b) A riparian buffer along both sides of the stream;
- The stream's location and angle of crossing that isolates the northwest corner from the balance of the property, rendering this isolated section effectively undevelopable;
- d) A Town of Hillsborough public sanitary sewer easement traversing the property on the "high ground" along the southeastern edge of the riparian buffer;
- e) An overhead electrical transmission line right-of-way along the entire northern boundary of the property;
- f) An overhead electrical distribution line right-of-way along the entire eastern boundary of the property; and
- g) Significant areas within the "buildable" envelope having existing ground slopes exceeding ten percent.

Taken in aggregate, these features represent a peculiar set of constraints for this property, requiring the proposed facility expansion to be configured and designed accordingly. The Church's program requirements for expansion include specific types and sizes of interior spaces including worship space having appropriate volumetric and architectural dimensions; a choir loft having proper lines of sight from disparate points within the sanctuary; harmonious spatial and functional relationships between existing and proposed buildings; a designated and generous area for outdoor gathering and recreational activities which are integral and essential to the Church's mission to the community; and exterior requirements for adequate parking, safe drop-off and circulation, stormwater management, and service areas. In addition, the Church strongly feels that the new building should have a peaked-roof architectural style that is typical of other churches in Hillsborough. This roof configuration is an important programmatic feature expressing connection with the larger community.

The peculiar combination of site constraints prevents this complete package of program elements from being reasonably constructed on the property unless the building is built in a more compact two-story configuration. Moreover, the logical placement of the building is in a sloping area in which a larger single-floor building would require much more severe grading, steeper parking lot slopes, and more elongated perimeter slopes or retaining walls. However, this same area will naturally accommodate a two-story building footprint with more comfortably sloped parking areas and at-grade access to both floor levels. As compared to a sprawling one-story building in this area, a two-story building will have a smaller footprint with less site impact, will be more energy-efficient and environmentally responsible, and will result in larger setbacks and smaller visual impacts to surrounding properties.

The need for the building height variance results directly from using a more responsible and less impactful two-story configuration for the building structure.

By allowing the additional building height, the requested variance will relieve the hardship that would otherwise be imposed on the Church, while also providing a better functional and aesthetic condition of the completed facilities.

3. The hardship did not result from actions taken by the applicant or the property owner.

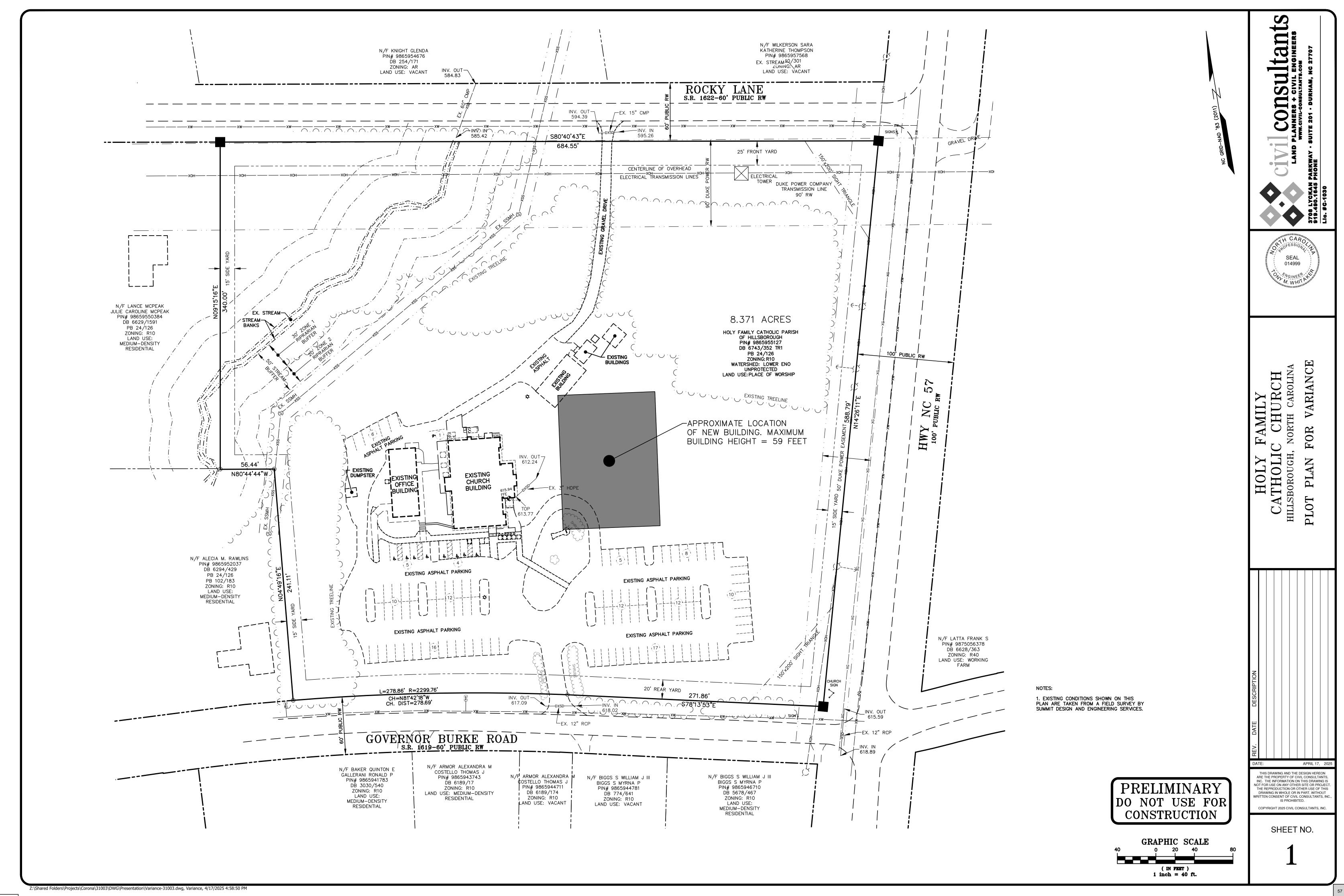
The hardship being addressed by this variance request is related to the physical features and characteristics of the property, and does not result from actions taken by the applicant or the property owner.

4. The requested variance is consistent with the spirit, purpose and intent of the regulation such that public safety is secured and substantial justice is achieved.

The spirit, purpose and intent of the building height regulation is to protect nearby properties from adverse impacts such as excessive shading or obscured lines of sight from a structure that appears unduly high or imposing, relative to nearby properties. The proposed building will not be located close enough to any property line to create an imposing condition for any adjacent property. For the same reason, the proposed building will not cast undue shading onto any adjacent property. To ensure this outcome, the Church is willing to accept an approval condition that the building will be set back at least 100 feet from any property boundary line. Such a condition will fully and generously mitigate any visual effect of the increased structure height. Approval of the requested variance under this condition will not detract from the character of the existing neighborhood, but will ensure that the more traditional peaked-roof style of building can be used for this important community asset. By adherence to applicable building codes and construction standards, the proposed building will provide a safe physical environment for worship gatherings and other Parish activities.

Approval of the requested variance will secure substantial justice in the following ways:

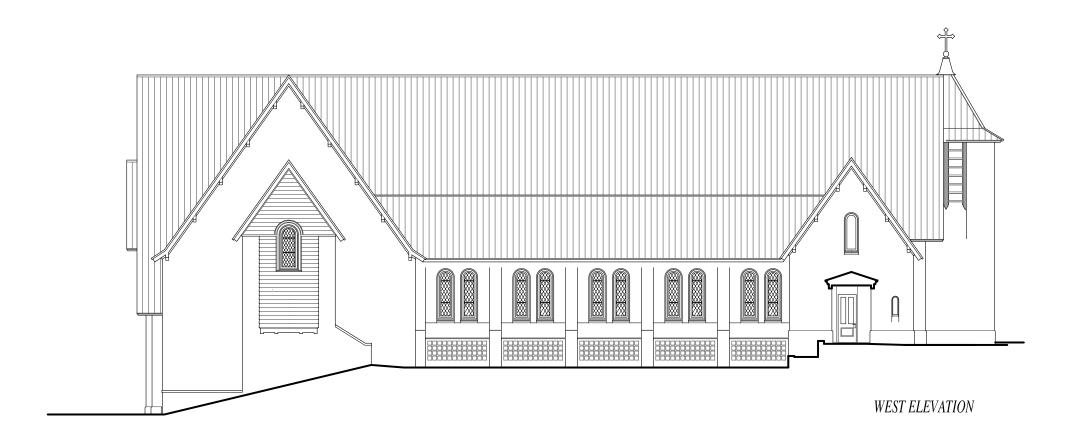
- a. To the property itself, by providing a smarter design that responds responsibly to unique site conditions by minimizing the development footprint, reducing grading and other land disturbance impacts, and avoiding the need to disturb the more environmentally sensitive portions of the property;
- To the Hillsborough community at large, by allowing the Church to increase its long-term commitment to the community with a new multi-purpose building constructed to modern standards, while exhibiting the traditional building form for church architecture in Hillsborough;
- c. To Parish members, by providing the flexibility to develop and enjoy a functional and aesthetic facility that reflects a more efficient and wise use of Parish property than would otherwise be possible;
- d. To adjoining properties and the neighborhood in general, by providing the Church the ability to implement its expansion program while maintaining neighborhood-appropriate character and visual aesthetics.

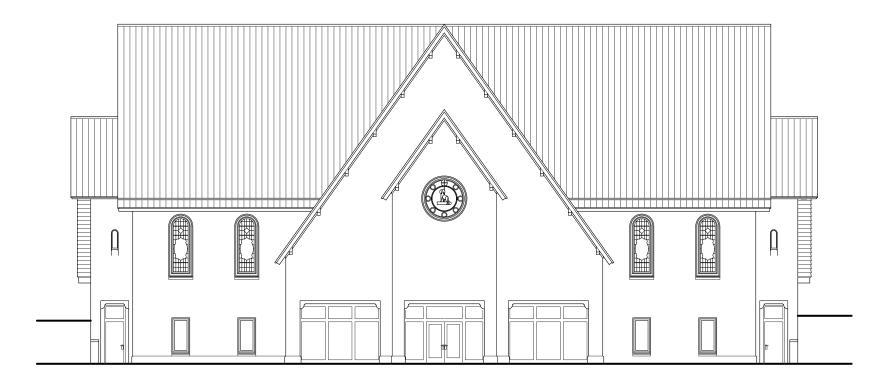


Section 4, Item B.



SOUTH ELEVATION





NORTH ELEVATION



UDO Provisions Relative to the Case

Section 6 (Development Standards), Subsection 6.3 (General Dimensional Standards), Paragraph 6.3.1 (Table: Dimensional Requirements – Residential):

Maximum Building Height: 45 feet in the R-10 district.

Section 9 (Definitions), Subsection 9.1 (Rules of Measurement, Computations, and Exceptions), Paragraph 9.1.6 (Height Measurement):

- 9.1.6.1 The height of the side of a building or structure shall be the vertical distance measured from the mean elevation of the finished grade along that side of the building or structure to the highest point of that building or structure.
- 9.1.6.2 Subject to the remaining provisions of this section, no part of a building or structure in any district may exceed the height limit as indicated in Section 6.3, *Dimensional Requirements*.

Section 9, Subsection 9.1, Paragraph 9.1.7 (Height Limit Exceptions):

- 9.1.7.1 The following features are exempt from the height limitations set forth in Section 6.3, *Dimensional Requirements*, so long as they do not exceed such height limitations by more than 10 feet:
 - 9.1.7.1.a Chimneys and elevator shafts.
 - 9.1.7.1.b Antennas which are self-supported shafts of 6" in diameter or less, flag poles and similar devices.
 - 9.1.7.1.c Solar collectors.
 - 9.1.7.1.d Church spires and their ornamentation so long as they do not exceed such height by more than 10 feet if located within the Historic District overlay zone; and so long as they do not exceed such height by more than 20 feet when located outside the Historic District.
- 9.1.7.2 The permit issuing authority may authorize a structure to exceed the height limits set forth in Section 6.3, *Dimensional Requirements* so long as they do not exceed such height limitations by more than ten (10) feet when it concludes the following:
 - 9.1.7.2.a There are sound architectural, structural, historical, or other reasons why the proposed structure should be allowed to exceed the normal height limits.
 - 9.1.7.2.b That portion of the proposed building or structure that will exceed the height limit will be so located and/or buffered so that it will not be visually obtrusive or offensive in any substantial way, OR the total height of any addition to an existing building including any roof elements does not exceed the maximum height including any roof elements of the existing building.

- 9.1.7.2.c The Historic District Commission has granted a Certificate of Appropriateness for the project if it is located within the Historic District.
- 9.1.7.2.d Any adverse impact on neighboring properties is insignificant or is substantially outweighed by the hardship suffered by the applicant if the height exception is denied, and
- 9.1.7.2.e Adequate fire protection can be provided

Section 9 (Definitions), Subsection 9.2 (Definitions):

Building Height: The height of the side of a building or structure shall be the vertical distance measured from the mean elevation of the finished grade along the side of the building or structure to the highest point of that building or structure.

Zoning History

May 28, 1985: Church plans approved.

Ca. 1985: Approval issued for 24-foot by 48-foot pavilion.

April 7, 1986: Approval issued for 12-foot by 17-foot temporary storage building.

March 31, 1994: Minor site plan approval issued for installation of play equipment.

April 18, 1994: Zoning Compliance Permit issued for installation of play equipment.

December 10, 1997: Board of Adjustment issues site plan approval church building addition.

February 6, 1998: Board of Adjustment approves site plan for a two-story, 5,000 square foot building addition.

<u>February 10, 1998:</u> Zoning Compliance Permit #11850 issued for a 5,000 square foot church addition.

<u>July 8, 1998:</u> Board of Adjustment approves modification to the previously approved site plan allowing reduction in building addition size from 5,000 square feet to 3,230 square feet, and relocation and increase in number of parking spaces.

<u>August 12, 1998:</u> Zoning Compliance Permit #11958 issued for a 3,230 square foot addition to the church and increase in number of parking spaces.

<u>December 9, 2009:</u> Board of Adjustment issues Conditional Use-2 Permit #2009-05 for modular office to be used as educational building.

<u>August 11, 2010:</u> Zoning Compliance Permit #4389 issued for modular office building for use an education building.

<u>July 19, 2017:</u> Zoning Compliance Permit #6077 issued for special event signage for Knights of Columbus breakfast.

October 13, 2017: Zoning Compliance Permit #6194 issued for special event signage for Knights of Columbus pancake breakfast.

November 13, 2018: Zoning Compliance Permit #6666 issued for special event signage for Christmas services.

<u>April 11, 2019:</u> Zoning Compliance Permit #6836 issued for special event signage for Holy Week and Easter services.

September 3, 2019: Zoning Compliance Permit #7019 issued for special event signage for unspecified event.