

**NEW HANOVER COUNTY
REQUEST FOR QUALIFICATIONS
PUBLIC ART AT NEW GOVERNMENT CENTER**



COUNTY COMMISSIONERS

**BILL RIVENBARK, CHAIR
LEANN PIERCE, VICE-CHAIR
JONATHAN BARFIELD, JR.
DEB HAYES
ROB ZAPPLE**

CHRIS COUDRIET, COUNTY MANAGER

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Attachment A:

NHC Government Center Landscape Package

**NEW HANOVER COUNTY
REQUEST FOR QUALIFICATIONS
PUBLIC ART AT NEW GOVERNMENT CENTER**

New Hanover County, located in Wilmington, NC is soliciting qualification submittals from artist(s) with experience and interest in creating a public art piece to be displayed at the new Government Center.

Submit Statements of Qualifications by mail to:

New Hanover County
Attn: Lena Butler, Purchasing Supervisor
230 Government Center Drive, Suite 165
Wilmington, North Carolina 28403

The deadline for receipt of Statements of Qualifications is **3:00 P.M. EST, Friday, February 17, 2023.**

Submitted Statements of Qualifications are not subject to public inspection until a contract is awarded and executed. Statements of Qualifications will be evaluated, and firms may be contacted for interviews which may be conducted by phone or in person.

Instructions for submitting Statements of Qualifications and complete requirements may be obtained by visiting the County at <https://finance.nhcgov.com/purchasing-solicitation/open-and-closed-bids>.

New Hanover County reserves the right to accept or reject any or all Statements of Qualifications and to make the award which will be most advantageous to the County.

Section 2 Instructions

2.1 Schedule

Advertisement	<i>Friday, January 6, 2023</i>
Deadline for Questions	<i>Wednesday, January 18, 2023, by 5:00 PM, EST</i>
Answers to Questions	<i>Friday, January 20, 2023</i>
Deadline for Receipt of Statements of Qualifications	<i>Friday, February 17, 2023, by 3:00 PM, EST</i>

2.2 Statement of Qualifications Instructions

2.2.1 Submit Statements of Qualifications in a sealed envelope properly marked “**RFQ - Public Art at New Government Center**” and addressed to the County at the following address:

New Hanover County
Attn: Lena Butler, Purchasing Supervisor
230 Government Center Drive, Suite 165
Wilmington, NC 28403

Firms submitting their qualifications statements are asked to submit seven (7) copies of the complete statement of qualifications along with one (1) electronic copy on USB.

Clearly indicate the firm’s name, address, email, and phone number on the outside of the envelope containing the Statement of Qualifications (SOQ).

The successful firm must have the capability of receiving and submitting all documents in an electronic format. Also, the successful firm must have Internet access for browsing and receipt of electronic documents via email.

2.2.2 Statements of Qualifications received after the time and date for closing will not be accepted.

2.3 Communications: After the release date, all communications between the County and prospective respondents regarding this RFQ shall be in writing. Any inquires, requests for interpretation, technical questions, clarifications, or additional information shall be directed to **Lena Butler, Purchasing Supervisor** by emailing lbutler@nhcgov.com. All questions concerning this RFQ should reference the section number and page. Questions and responses will be compiled and shared with all interested Respondents known to the County and posted as an

addendum. **All questions shall be received no later than Wednesday, January 18, 2023, at 5:00 PM, EST.**

Respondents may not have communications, verbal or otherwise, concerning this RFQ with any personnel or boards from New Hanover County, other than the person listed in this section. If any vendor attempts any unauthorized communication, the proposal will be rejected.

2.4 Intent to Submit: All Respondents who intend to submit a Statement of Qualification on this project should send an email to lbutler@nhcgov.com including pertinent contact information. This will ensure that you receive all addenda issued for this RFQ; if applicable.

2.5 Addendum: Any changes to the RFQ will be issued by addenda and sent by email to all respondents that have notified the County of their intent to submit a Qualification Package. The addenda will also be posted on the County's website at <https://finance.nhcgov.com/purchasing-solicitation/open-and-closed-bids>.

2.6 Minor Deviations: New Hanover County reserves the right to allow or disallow minor deviations or technicalities should the County deem it to be in the best interest of the County. New Hanover County shall be the sole judge of what is to be considered a minor deviation or technicality.

2.7 Evaluation and Interviews: Statements of Qualifications will be evaluated, and oral interviews may be requested as part of the evaluation process. If interviews will be conducted, the County will contact Respondents by email to make arrangements.

2.8 Incurred Cost: New Hanover County is not liable for any cost incurred by any firm prior to an award. Costs for developing a response to this request for qualification packages are entirely the obligation of the respondent and shall not be chargeable in any manner to New Hanover County.

2.9 Binding Agreement: No agreements with any selected Respondent shall be binding until a contract is signed and executed by the authorized County official and authorized representatives of the firm.

2.10 Minority Participation: It is the policy of New Hanover County that minority/women business enterprises shall have maximum opportunity to compete for and participate in its procurement and contracting activities. In this regard, the County has established an overall annual goal of 10% for minority/women business enterprise participation in its various procurement contracts. The County and its contractors shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of its contracts.

2.11 Additions and Deletions: The County reserves the right at its sole discretion to increase, decrease, or delete any portion of this agreement contract at any time without cause, and if such right is exercised by the County, the total fee shall be adjusted accordingly. If work has

already been accomplished on the portion of the contract to be increased, decreased, or deleted, the contractor shall be paid for the correct portion on the basis of the estimated percentage agreed upon by the County, the contractor, and the contract manager upon completion of such portion.

2.12 Right to Reject: The County reserves the right to reject any and all qualification packages with or without cause, to waive technical errors and informalities, or to accept that qualification packages or combination of qualification packages which in the County's sole and absolute judgment best serves the public interest.

2.13 No Public Opening: Qualification packages shall **NOT** be publicly opened. Submitted Statements of Qualifications are not subject to public inspection until contract is awarded and executed. Qualification packages that are received by telephone, facsimile, telegram, or electronic mail are not acceptable and will be rejected.

2.14 Pricing: No fee proposal is to be included in the qualification package. This solicitation is for qualifications only.

2.15 Conflict of Interest: The award hereunder is subject to provisions of State Statutes and/or County Ordinance. Respondents must disclose with their qualification packages the name of any officer, director, or agent who is also an employee of New Hanover County. Further, all respondents must disclose the name of any County employee who owns, directly or indirectly, any interest in the respondent's firm or any of its branches.

Any Firm placed under contract with the County must further notify the County in writing within five (5) days of their discovery of a potential conflict of interest and make such continuing disclosure throughout the term of the contract. A full disclosure shall include a description of the action that the Firm has taken, or proposes to take, to avoid or to mitigate such conflicts of interest. The County may terminate the contract if the County deems such termination to be in the best interest of the County or may terminate the Firm's assignment to a project based upon its assessment of potential conflict.

2.16 License/Certifications: The successful vendor will be required to secure, at its expense, the proper occupational license and/or any other license required of the applicable work being performed. Proof of license and/or certification may be required prior to award. The respondent shall comply with all federal and state laws, county and municipal ordinances and regulations in any manner affecting the performance of the work. The respondent shall state its occupation license number and expiration date.

2.17 Insurance: Responders to this solicitation shall show appropriate insurance coverage levels for providing the types of services described above. Upon selection, the selected firm shall provide specific insurance certificates naming New Hanover County as an additional insured for the required insurance categories of coverage as outlined below:

- Commercial General Liability and if necessary, Commercial Umbrella Liability insurance with a total limit of not less than \$1,000,000 for each occurrence for bodily injury and property damage.
- Workers' Compensation and Employer's Liability as required by the general statutes of the State of North Carolina. Employer's Liability shall not be less than \$1,000,000 for each accident for bodily injury by accident, \$1,000,000 for each employee for bodily injury by disease, and \$1,000,000 policy limit.
- Applicable Business or Personal Auto Liability with a limit not less than \$1,000,000 each accident.

2.18 Trade Secret Confidentiality: According to General Statutes 132 - 1.2, trade secrets contained in a bid may be kept confidential if the bidder, at the time the bid is submitted, designates that is secret and requests that it be kept confidential. Any information considered to be confidential should be placed in a separate and clearly marked "Confidential." **Marking the entire proposal confidential may be grounds for rejection of proposal.**

2.19 Certificate of Authority: Subject to several statutory exceptions, a business entity incorporated or organized in a state other than North Carolina must obtain a certificate of authority from the North Carolina Secretary of State prior to transacting business in the State. See G.S. 55-15-01(a) (business corporations); G.S. 55A-15-01(a) (nonprofit corporations); G.S. 57D-7-01(a) (limited liability companies); G.S. 59-902(a) (limited partnerships); G.S. 59-91(a) (registered limited liability partnerships); G.S. 55B-16(a) (professional corporations). When the requirement applies, the foreign entity transacting business in the State is responsible for obtaining a certificate of authority—not the domestic (i.e., North Carolina) corporations, public entities, or individuals with whom the foreign entity might contract.

2.20 E-Verify: Pursuant to Session Law 2013-418, Bidder shall fully comply with the U.S. Department of Homeland Security employee legal status E-Verify requirements for itself and all its subcontractors. Upon execution of contract, County requires an affidavit attesting to Bidder's compliance. Violation of the provision, unless timely cured, shall constitute a breach of contract.

Section 3 Background and Scope

3.1 Vision:

This project offers an exciting opportunity to enhance the Government Center facility's front lawn with a large-scale sculpture that incorporates the vision for the space.

The New Hanover County Government Center Front Lawn is envisioned to serve as a welcoming and interactive outdoor amenity to New Hanover County employees and citizens alike. The design incorporates numerous themes which will be both functional and aesthetically pleasing to those visiting the Government Center Complex and the design is intended to accommodate a myriad of potential uses. The space is designed such that it's functionality can evolve over the years just as easily as it may evolve day to day. The lawn space, walls, and seating can be used for casual conversations over lunch as well as small and large gatherings, more formal in nature. The space will be landscaped with native plantings. Rainwater will be diverted to a bio-retention pond on the southern end of the space, which will feature the benefits of natural storm water treatment and infiltration. Walkways around the space will connect to exterior sidewalk networks, offering employees and visitors the ability to walk a loop around the complex for exercise. The location of the space along the eastern front of the Government Center lobby will allow for doors to be opened along the face of the building for indoor and outdoor events if desired. The space will offer an ideal location for meeting with local school groups as they arrive to visit the Government Center or could host official county events and public announcements. The New Hanover County Government Center Front Lawn will be an inviting space for all to enjoy, today and well into the future, and it is envisioned that the artwork displayed in this area also be timeless.

3.2 Location:

Per attachment A, New Hanover County Government Center Landscape package, the area for the sculpture is shown on page 2, as SS-105.

3.3 Timeline:

It is estimated that the next phase of development would include the public art component. The construction on this phase will begin with the demolition of the current Government Center in April 2023. The site would be completed fourteen months later.

Upon the selection of an artist(s), the Selection Committee may elect to proceed with negotiations or conduct a formal Request for Proposals process. Visioning session(s) will be conducted with the finalist and final selection of public art is subject to the approval of the Board of County Commissioners.

3.4 Artist Fee and Projected Budget:

The maximum budget shall not exceed \$150,000 and shall include all costs associated with the design and installation of this work of public art, including, but not limited to, artist(s) fees, travel, lodging and per diem, insurance, materials, shop drawings, graphic design, and transportation costs.

Section 4 Format for Statements of Qualifications

The Qualification package shall consist of the following:

Cover Letter: The Cover Letter will state the name of the person(s) authorized to represent the proposer in any negotiations, the name(s) of the person(s) authorized to sign any contract that may result, the contact person's name, mailing address or street address, phone, and email addresses. A legal representative of the successful proposer, authorized to bind the proposer in contractual matters, must sign the Cover Letter and the Proposal.

Statement of Interest: Explain why you (or your team) are interested in this project. Explain why you would be a good candidate and how your experience will inform how you respond to the themes and goals of the project.

Artist Resume(s): Resumes should reflect artistic experience. Teams must include resumes for all artists. Resumes should be no more than one (1) page per team member.

Previous Work: Submit up to ten (10) jpeg images of existing or comparable artwork that demonstrates an ability to complete a project of this style and scope. Applicants may provide more than one photo of an individual artwork (showing different angles or details). If applying as an artist team, identify all artists of the work. These images should include the location, year completed, and brief project description.

Team Responsibilities: Clearly identify the responsibilities of each team member. Only applicable to artist team submission.

No concept design is to be submitted.

References: Three (3) references from previous projects with current contact information and relationship to the artist noted.

Section 5 Selection Criteria:

The artist will be selected based upon the following criteria:

- Artistic accomplishment as demonstrated by images of previously completed artwork and references.
- Technical competence and comparable scope of past works.
- Demonstrated ability to complete projects on time and within budget.
- Established presence in New Hanover County.

Section 6 Minority Form

(Submit with your Response)

Minority & Women Business Enterprise (MWBE) Program Form

A. Authorized Representative

I HEREBY AFFIRM THAT:

I am [name] _____, [title] _____,
and the duly authorized representative of [Business Name] _____
and that I possess the legal authority to make this statement on behalf of myself and the
Business for which I am acting.

B. Affirmation Regarding MWBE Program Acknowledgement and Compliance

I FURTHER AFFIRM THAT:

I am aware of and intend to comply with the County's MWBE Program. As such [check one]:
_____ The Business is certified as a woman- or minority-owned business by an accepted
agency. (Attach proof certification)

_____ The Business is a woman- or minority-owned business but has not been certified by an
accepted agency. (Attach document of ownership such as articles of incorporation, current
business license, K-1 of the most recent business tax return.)

_____ The Business is not a woman- or minority-owned business; however, the bidder
acknowledges the MWBE policy and if it should become necessary to subcontract some portion
of the work at a later date or obtain materials or services in conjunction with this solicitation,
the bidder will institute good faith efforts to comply with all requirements of the MWBE
program in providing equal opportunities to MWBEs.

Signature: _____ Date: _____

Section 7 E-Verify Form

(To be submitted with your response)

STATE OF _____

COUNTY OF _____

AFFIDAVIT OF COMPLIANCE WITH N.C. E-VERIFY STATUTES

I, _____ (hereinafter the "Affiant"), duly authorized by and on behalf of _____ (hereinafter the "Employer") after being first duly sworn deposes and says as follows:

1. I am the _____ (President, Manager, CEO, etc.) of the Employer and possess the full authority to speak for and on behalf of the Employer identified above.
2. Employer understands that "E-Verify" means the federal E-Verify program operated by the United States Dept. of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law.
3. Employer employs 25 or more employees, and is in compliance with the provisions of N.C. General Statute §64-26. Employer has verified the work authorization of its employees through E-Verify and shall retain the records of verification for a period of at least one year.

Employer employs fewer than 25 Employees and is therefore not subject to the provisions of N.C. General Statute §64-26.

4. All subcontractors engaged by or to be engaged by Employer have or will have likewise complied with the provisions of N.C. General Statute §64-26.

5. Employer shall keep the State of North Carolina informed of any change in its status pursuant to Article 2 of Chapter 64 of the North Carolina Statutes.

This ____ day of _____, 20 ____.

Signature of Affiant

Printed Name and Title

State of _____

County of _____

Subscribed and sworn to before me this ____ day of _____, 20____

Notary Public: _____

My Appointment Expires: _____

SEAL

NHC GOVERNMENT CENTER

230 GOVERNMENT CENTER DRIVE

WILMINGTON, NC

LANDSCAPE PACKAGE

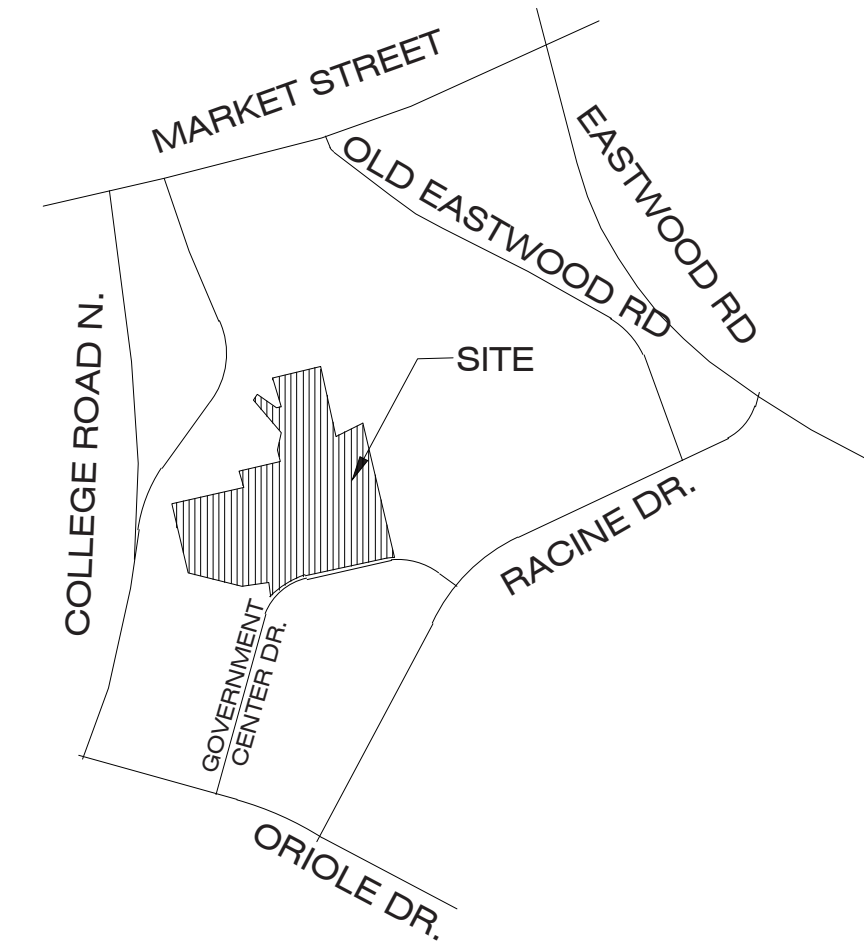
PROJECT TEAM

LANDSCAPE ARCHITECT
 MIHALY LAND DESIGN, PLLC
 330 MILITARY CUTOFF ROAD, SUITE A3
 WILMINGTON, NC 28405
 CONTACT: JOSH MIHALY
 P: (910) 392-4355
 JOSH@MIHALYLAND.NET

ARCHITECT
 LS3P ASSOCIATES LTD.
 101 N. THIRD STREET SUITE 500
 WILMINGTON, NC

CIVIL ENGINEER
 SEPI ENGINEERING & CONSTRUCTION, INC.
 5030 NEW CENTRE DR., SUITE B
 WILMINGTON, NC 28403

VICINITY MAP



NOT TO SCALE

SHEET INDEX

L0.0	TITLE SHEET
L1.0	PARK AREA SITE LAYOUT
L1.1	PARK AREA SITE LAYOUT
L1.2	GOVERNMENT CENTER COURTYARD AREA
L1.3	PARK AREA SITE GRADING
C1.0	CIVIL ENGINEERS STORM DRAINAGE PLAN
C1.1	CIVIL ENGINEERS STORM DRAINAGE DETAILS
L2.0	CONSTRUCTION DETAILS
L2.1	CONSTRUCTION DETAILS
L2.2	CONSTRUCTION DETAILS
L2.3	CONSTRUCTION DETAILS
L3.0	OVERALL - PLANTING PLAN
L3.1	PLANTING PLAN
L3.2	PLANTING PLAN
L3.3	PLANTING PLAN
L3.4	PLANTING PLAN
L3.5	PLANTING PLAN
L3.6	PLANTING PLAN
L4.0	LIGHTING PLAN

GRADING & DRAINAGE NOTES

- REFER TO CONTRACTOR'S SHOP DRAWINGS, MECHANICAL ENGINEER'S AND STRUCTURAL ENGINEER'S PLANS FOR PRECISE GRADING, SUB-DRAIN SYSTEM, INVERT ELEVATIONS AND DRAINAGE STRUCTURES.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DRAINAGE INFORMATION INCLUDING DOWNSPOUTS.
- PRIOR TO STARTING WORK, CONTRACTOR SHALL VERIFY ALL PROPOSED HARDSCAPE AND LANDSCAPE GRADES IN FIELD. SHOULD ADJUSTMENTS BE NECESSARY, MAINTAIN PROPOSED FLOW LINES AND DRAINAGE PATTERNS. MAINTAIN A MINIMUM 1% GRADIENT ON HARDSCAPE SURFACES AND 1.5% GRADIENT IN LANDSCAPE AREAS. (1% POSITIVE DRAINAGE IN LANDSCAPE AREAS BARE MINIMUM).
- GRADES SHOWN AS (22.72) HAVE BEEN TAKEN FROM CIVIL ENGINEER'S PLANS.
- ALL REQUIRED FILL SHALL BE COMPACTED PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS TO PREVENT FUTURE SETTLING AND MAINTAIN STRUCTURAL STABILITY. ALL IMPORT FILL SHOULD BE FREE FROM NOXIOUS WEEDS AND CHEMICAL CONTAMINATES AND SHALL BE TESTED FOR AGRICULTURAL STABILITY PRIOR TO DELIVERY TO SITE.
- FINISH GRADE SHALL BE ADJUSTED IN THE FIELD BY THE LANDSCAPE ARCHITECT AS REQUIRED, NOT TO EXCEED WHAT IS SPECIFIED BY THE CIVIL ENGINEER AND NOT TO EXCEED A RUNNING SLOPE OF 5% OR A CROSS SLOPE OF 2% ON ANY ACCESSIBLE ROUTES. ALL FINISH GRADING SHALL BE UNIFORM AND SMOOTH.
- ALL GRADING TO BE IN CONFORMANCE WITH LOCAL BUILDING CODES. CONTRACTOR IS TO SECURE REQUIRED PERMITS. OWNER WILL PAY FEES.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF WORK AND TAKE MEASURES TO PROTECT THESE EXISTING UTILITIES.
- ALL AREAS TO RECEIVE PLANTING SHALL BE ROUGH SHAPED TO ELEVATIONS SHOWN ON PLANS & DETAILS PRIOR TO COMMENCEMENT OF ANY PLANTING & IRRIGATION WORK UNDER THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO PERFORM FINISH GRADING FOR PROPER ROCK PLACEMENT, MOUNDING OR REPAIR WORK RESULTING FROM WORK PERFORMED UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND PROPER SURFACE DRAINAGE IN ALL AREAS. FINE GRADING SHALL BE COMPLETED AS INDICATED BY CONTOURS AND SPOT ELEVATIONS. PROPOSED ELEVATIONS SHOWN ARE FINISHED (COMPACTED) GRADE. ALL FINAL GRADING TO BE REVIEWED BY LANDSCAPE ARCHITECT FOR APPROVAL.
- CONTRACTOR SHALL BRING ANY GRADING DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR A DECISION PRIOR TO PROCEEDING.
- ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED AND MAINTAINED DURING CONSTRUCTION.
- CONTRACTOR SHALL PROTECT ALL WORK FROM EROSION UNTIL FINAL ACCEPTANCE.
- CONTRACTOR TO PROVIDE A MINIMUM OF 1.5% SLOPE FOR A DISTANCE OF FIVE FEET AWAY FROM ALL EXISTING AND PROPOSED STRUCTURES. ENSURE POSITIVE DRAINAGE TOWARD DRAINAGE SWALES AND CATCH BASINS IN ALL LOCATIONS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
- ALL PVC PIPE SHALL BE C900 PVC PIPE WITH MINIMUM SLOPE OF 0.75%

LOW VOLTAGE LIGHTING NOTES

SCOPE OF WORK:
 THE SUPPLY AND INSTALLATION OF A 12 VOLT LANDSCAPE LIGHTING SYSTEM WHICH INCLUDES THE FIXTURES SPECIFIED ON LIGHTING LEGEND AS WELL AS THE INSTALLATION OF LOW VOLTAGE TRANSFORMERS AND DIRECT BURIAL CABLE NECESSARY TO COMPLETE LAYOUT AS SHOWN. THIS LIGHTING PLAN IS DIAGRAMMATIC AND IS INTENDED TO SHOW GENERAL FIXTURE LOCATIONS AND UTILITIES. CONTRACTOR IS RESPONSIBLE FOR NECESSARY LINE (120V) AND LOW VOLTAGE (12V) WORK TO COMPLETE THE LIGHTING DESIGN AS SHOWN.

STANDARDS:
 ALL WORK PERFORMED IS TO COMPLY WITH THE UNIFORM BUILDING CODE AND ALL LOCAL CODES AND ORDINANCES. CONTRACTOR SHALL POSSESS ALL NECESSARY LICENSES TO COMPLETE DESCRIBED WORK AND SHALL CARRY GENERAL LIABILITY AND WORKMANS COMPENSATION INSURANCE. CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK DESCRIBED..

INSTALLATION
 A CONTRACTOR IS TO VERIFY SITE MEASUREMENTS, GRADES, EXISTING CHASE LINE SLEEVES, EXISTING PLANT LOCATIONS AND EXISTING UTILITIES, EQUIPMENT AND SWITCHING CONTROLS. CONTRACTOR IS TO PROVIDE ALL NECESSARY COMPONENTS AND ACCESSORIES TO COMPLETE INSTALLATION AS SPECIFIED.

DIRECT BURIAL CABLE
 CABLING SHOWN ON PLAN IS FOR FIXTURE GROUPING ONLY. CABLE TO BE CIRCUITED AND SIZED TO PROVIDE A MINIMUM OF 10.5 VOLTS AND A MAXIMUM OF 11.5 VOLTS TO ALL LIGHTING FIXTURES. MINIMUM UNDERGROUND LOW VOLTAGE CABLE SIZE IS 12-GAUGE MULTI-STRAND DIRECT BURIAL. INSTALL CABLE ALONG THE EDGE OF HARDSCAPE AND MOWSTRIPS WHENEVER POSSIBLE. MINIMUM CABLE DEPTH IS 6". CONTRACTOR IS TO INSTALL 1" PVC CHASE LINE SLEEVES WITH SWEEP CORNERS FOR ANY CABLE RUN UNDER HARDSCAPE OR DIFFICULT TO ACCESS AREAS SUCH AS AT GRADE DECKS AND HIGH IMPACT AREAS SUCH AS COOL OR PLANTERS THAT RECEIVE SEASONAL COLOR CHANGES. LEAVE 2" LOPS AT ALL FIXTURE LOCATIONS FOR FINAL ADJUSTMENT. ONLY FULLY ENCAPSULATED WATERPROOF CONNECTORS RATED FOR DIRECT BURIAL WILL BE ACCEPTED. BLACK-TAPED CONNECTIONS WILL BE REJECTED.

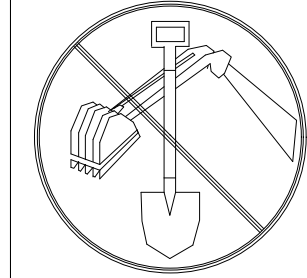
FIXTURE LOCATION
 VERIFY EXACT LOCATION WITH LANDSCAPE ARCHITECT OR OWNER BEFORE COMMENCING INSTALLATION. ALL FIXTURES SHALL BE IN A NEW, UNUSED CONDITION. EQUIPMENT SHALL BE THE TYPE SPECIFIED - THERE WILL BE NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL FROM LANDSCAPE ARCHITECT OR OWNER. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S SPECIFICATIONS AND DETAILS.

TRANSFORMERS
 TRANSFORMERS TO BE INSTALLED INCONSPICUOUSLY USING PLANT MATERIAL OR SITE FEATURES TO OBSCURE A DIRECT VIEW OF THEIR LOCATIONS. AVOID LOCATIONS THAT ARE EASILY ACCESSIBLE TO CHILDREN OR THAT ARE IN A DIRECT PATH OF IRRIGATION WATER. INSTALL TRANSFORMERS 12" OFF FINISH GRADE AND LEVEL. ALL WIRES LEADING TO OR FROM TRANSFORMER SHALL BE IN CONDUIT SLEEVE THAT IS FIRMLY AFFIXED TO MOUNTING SURFACE. ALL JUNCTION BOXES AND OTHER EQUIPMENT SHALL BE UL APPROVED FOR WET LOCATION. PAINT TRANSFORMERS AND ANY NECESSARY JUNCTION BOXES OR CONDUIT TO MATCH THE SURFACE ON WHICH THEY ARE MOUNTED. INSTALL TRANSFORMERS ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCAL CODES. ALL EXPOSED METAL PARTS INCLUDING TRANSFORMERS SHALL BE PERMANENTLY GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

TESTING
 CONTRACTOR IS TO COORDINATE A CONVENIENT TIME IN THE EVENING TO TEST AND AIM ALL EQUIPMENT TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT OR OWNER.

GUARANTEE
 UPON COMPLETION AND ACCEPTANCE OF THE DESCRIBED WORK, THE CONTRACTOR SHALL PROVIDE A GUARANTEE FOR ALL WORKMANSHIP AND EQUIPMENT FOR THE PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. ALL WARRANTY SERVICE WORK SHALL BE PERFORMED AT NO COST TO OWNER AND BE DONE ON SITE WHEN POSSIBLE.

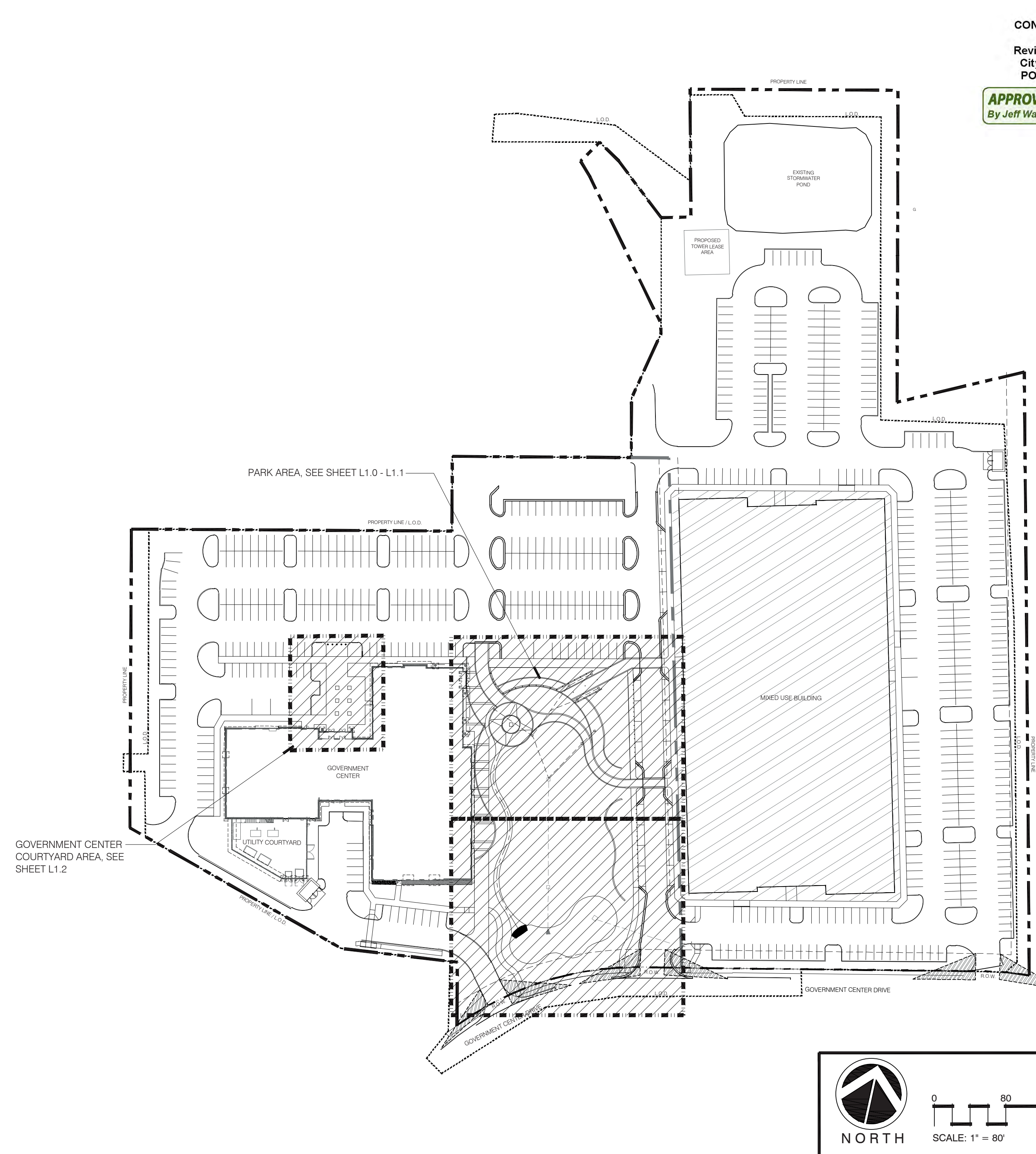
AS BUILT
 BEFORE FINAL PAYMENT IS RELEASED, CONTRACTOR WILL PROVIDE OWNER, AT A PREDETERMINED COST, WITH A COMPLETE AND REPRODUCIBLE DRAWING OF THE SYSTEM LAYOUT AS IT WAS ACTUALLY INSTALLED. THIS DRAWING SHOULD INCLUDE THE LOCATION OF UNDERGROUND CABLE, CHASE LINE SLEEVES, AND ALL FIXTURES AND EQUIPMENT.



NORTH CAROLINA STATE LAW REQUIRES ANYONE PERFORMING EXCAVATION TO FIRST CALL THE STATEWIDE NOTIFICATION CENTERS NUMBER BEFORE DIGGING. CALLERS MUST THEN WAIT 48 HOURS WHILE UTILITIES LOCATES AND MARK THEIR UNDERGROUND FACILITIES. BEFORE EXCAVATING, DIAL NORTH CAROLINA ONE CALL.

1-800-632-4949

OVERALL LAYOUT PLAN



APPROVED CONSTRUCTION PLAN
 Date: 3/26/21
 Revised plans: 10/20/22
 City SW# 2021013R1
 PO, BM, CW, RC, MB

APPROVED
 By Jeff Walton at 3:11 pm, Oct 19, 2022



Revisions

2022-04-29	REVISE PER BUILDING FOOTERS FOR PARK AREA
2022-06-17	ADD IMPERVIOUS CALCULATIONS PER ENGINEER COMMENTS
2022-06-30	REVISED GRADING & SECTION PER ENGINEER COMMENTS
2022-09-21	REVISED PER MEETING COMMENTS

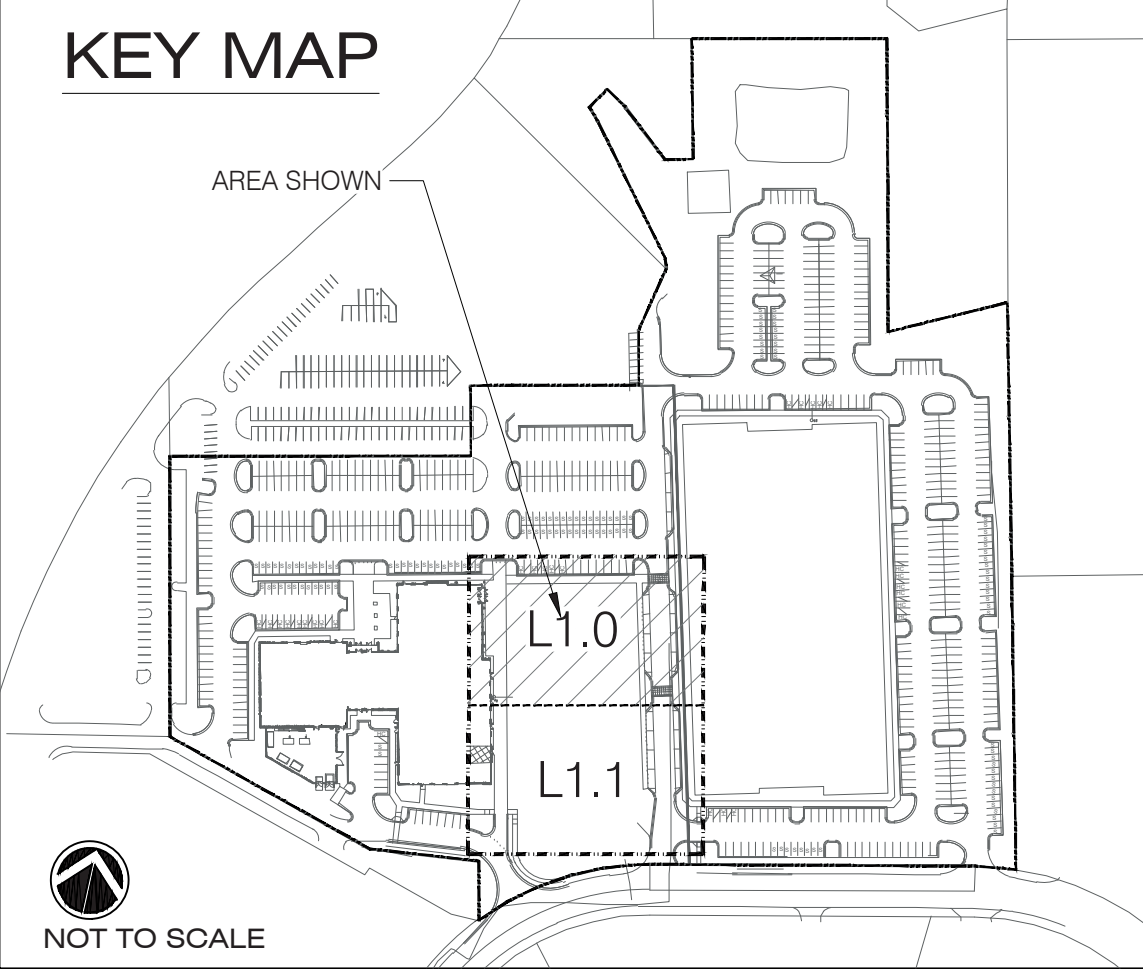
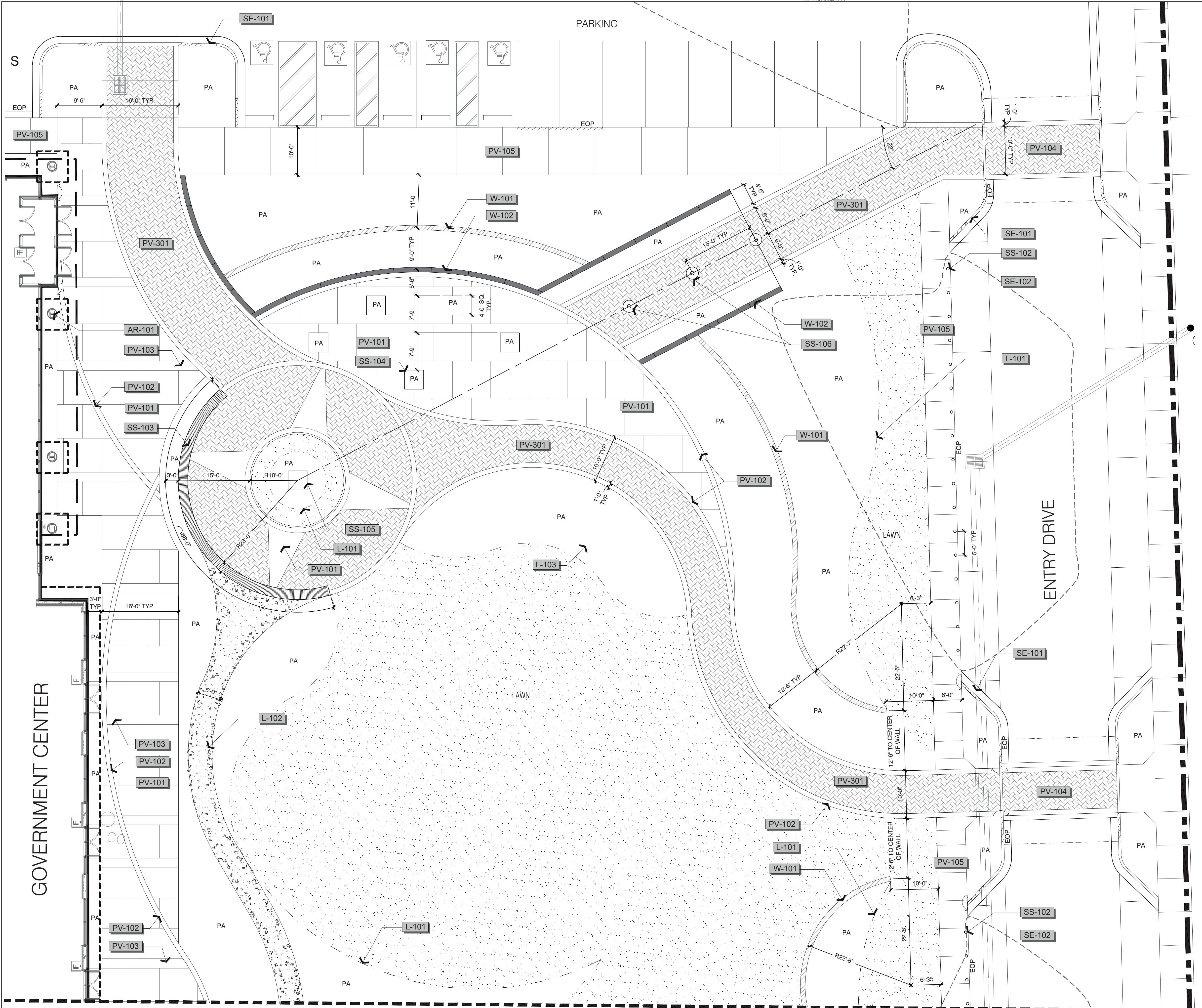
CLIENT
GHK CAPE FEAR COMMERCIAL
 1051 MILITARY CUTOFF RD SUITE 200
 WILMINGTON, NC

PROJECT
NHC GOVERNMENT CENTER
 230 GOVERNMENT CENTER DR
 WILMINGTON, NC
 LANDSCAPE PLANS

PRICING SET

Date:	2021-08-25
Phase:	
Job Number:	400-23
Designed by:	MLD
Drawn by:	FLB
Checked by:	JWM
Sheet Title:	TITLE SHEET

Sheet Number:
L0.0
 of 19 sheets



NOT TO SCALE

REFERENCE NOTES SCHEDULE L1.0

SYMBOL	DESCRIPTION	DETAIL
ARCHITECTURAL		
AR-101	BUILDING COLUMNS REFER TO ARCHITECT'S PLAN	
LANDSCAPE		
L-101	SHOVEL-CUT TURF EDGE	
L-102	DRY RIVER BED STONE: 2-8" RIVER ROCK	
L-103	LANDSCAPE BERM	
CONCRETE PAVING		
PV-101	SCORED COLORED CONCRETE COLOR: MYSTIC SHADOW (RC3501) FINISH: LIGHT BROOM	1/L2.0
PV-102	1'-0" WIDE CONCRETE BAND COLOR: NATURAL GRAY FINISH: SMOOTH	1/L2.0
PV-103	2'-0" WIDE CONCRETE BAND COLOR: NATURAL GRAY FINISH: SMOOTH	1/L2.0
PV-104	PAVER CROSSWALK WITH CONCRETE BAND PAVER: TECO-BLOC BLU 45mm PAVER SIZE: 13"x6.5" PATTERN: HERRINGBONE COLOR: GREYED NICKEL & SHALE GREY AVAILABLE FROM: PALMETTO BRICK CO., 910-270-6499 BAND COLOR: NATURAL GRAY BAND FINISH: SMOOTH	2/L2.0
PV-105	SCORED CONCRETE COLOR: NATURAL GRAY FINISH: LIGHT BROOM	1/L2.0
UNIT PAVING		
PV-301	DECORATIVE PAVER PAVER: TECO-BLOC BLU 60mm PAVER SIZE: 13"x6.5" PATTERN: HERRINGBONE COLOR: GREYED NICKEL & SHALE GREY AVAILABLE FROM: PALMETTO BRICK CO., 910-270-6499	2/L2.0
SITE		
SE-101	CURB AND GUTTER REFER TO ENGINEER'S PLANS	
SE-102	ASPHALT PAVING REFER TO ENGINEER'S DRAWINGS	
SITE STRUCTURES		
SS-102	DECORATIVE BOLLARD MODEL: R-7912 COLOR: ANODIZED SILVER AVAILABLE FROM: RELIANCE FOUNDRY (1-877-789-3245)	5/L2.3
SS-103	CUSTOM PEDESTRIAN BENCH - TO BE SELECTED	4/L2.0
SS-104	4'-0" SQ. TREE GRATE MODEL: SUNRISE (ID# 4837) FINISH: BLACK POWDER COATED ALUMINUM AVAILABLE FROM: IRONSMITH (800) 338-4766	
SS-105	SCULPTURE - BY OTHERS	
SS-106	FLAGPOLE	3/L2.0
WALL		
W-101	ROLLING MASONRY LANDSCAPE WALL VENUE: STUCCO COLOR: WHITE TO MATCH ARCHITECTURE FINISH: SMOOTH HEIGHT: 18" - 48"	1/L2.0
W-102	18" HIGH FORMED IN PLACE CONCRETE RETAINING WALL COLOR: NATURAL GRAY FINISH: SMOOTH	2/L2.0



Revisions
 2022-04-29: REVISED PER BUILDING FOOTERS FOR PARK AREA
 2022-06-17: ADD IMPERVIOUS CALCULATIONS FOR PARK AREA
 2022-08-30: REVISED GRADING & SECTION PER ENGINEER COMMENTS
 2022-09-21: REVISED PER MEETING COMMENTS

CLIENT
GHK CAPE FEAR COMMERCIAL
 1051 MILITARY CUTOFF RD SUITE 200
 WILMINGTON, NC

PROJECT
NHC GOVERNMENT CENTER
 230 GOVERNMENT CENTER DR
 WILMINGTON, NC
 LANDSCAPE PLANS

PRICING SET

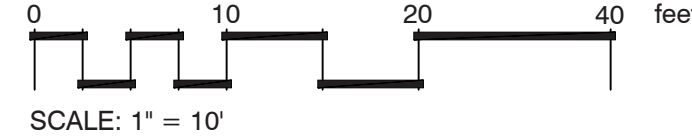
Date: 2021-08-25
 Phase:
 Job Number: 400-23
 Designed by: MLD
 Drawn by: RJB
 Checked by: JWM
 Sheet Title: SITE LAYOUT

Sheet Number:
L1.0
 of 19 sheets

APPROVED CONSTRUCTION PLAN
 Date: 3/26/21
 Revised plans: 10/20/22
 City SW# 2021013R1
 PO, BM, CW, RC, MB

APPROVED
 By Jeff Walton at 3:11 pm, Oct 19, 2022

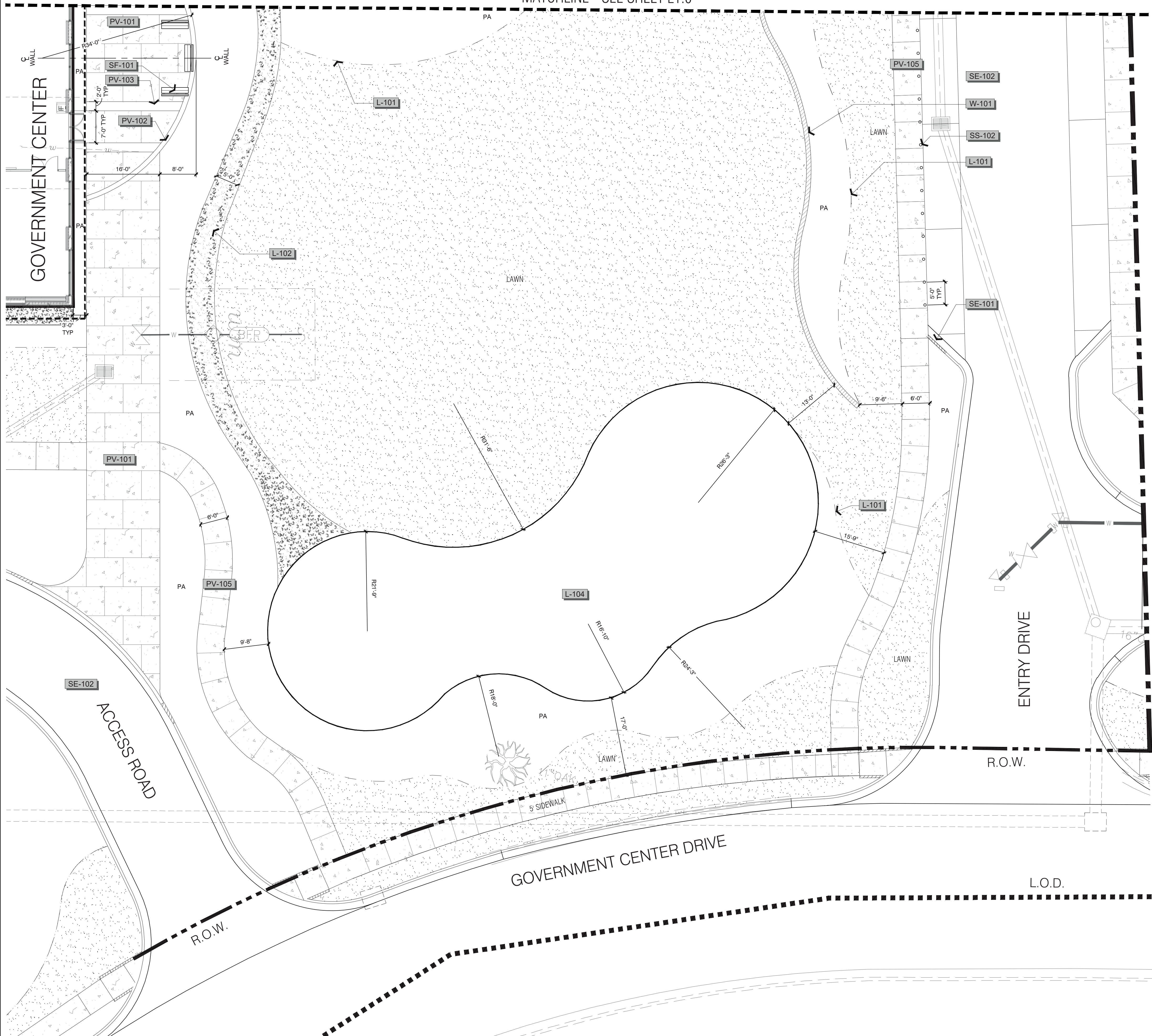
MATCHLINE - SEE SHEET L1.1



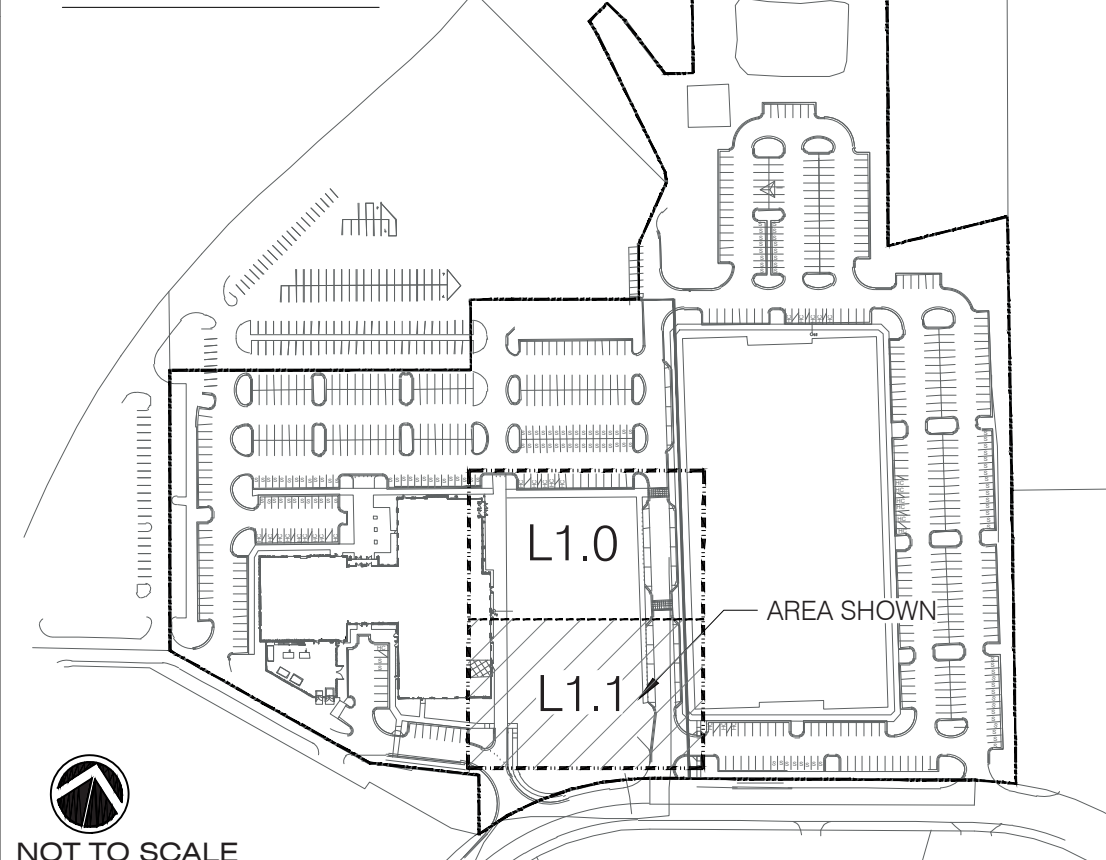
SYMBOL LEGEND

	PROPERTY LINE		CENTERLINE
	MATCH LINE		EDGE OF PAVEMENT
	PLANTING AREA		CALLOUT
	ALIGN		HANDICAP PARKING

MATCHLINE - SEE SHEET L1.0



KEY MAP



NOT TO SCALE

REFERENCE NOTES SCHEDULE L1.1

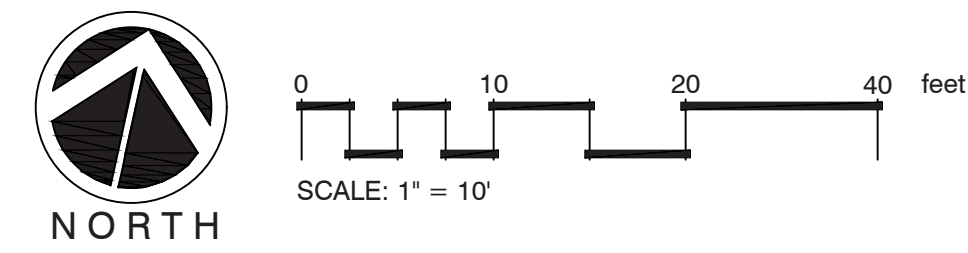
SYMBOL	LANDSCAPE DESCRIPTION	DETAIL
L-101	SHOVEL-CUT TURF EDGE	
L-102	DRY RIVER BED STONE: 2-8" RIVER ROCK	
L-104	RAIN GARDEN	
CONCRETE PAVING		
SYMBOL	DESCRIPTION	DETAIL
PV-101	SCORED COLORED CONCRETE COLOR: MYSTIC SHADOW (RC3501) FINISH: LIGHT BROOM	1 / L2.0
PV-102	1'-0" WIDE CONCRETE BAND COLOR: NATURAL GRAY FINISH: SMOOTH	1 / L2.0
PV-103	2'-0" WIDE CONCRETE BAND COLOR: NATURAL GRAY FINISH: SMOOTH	1 / L2.0
PV-105	SCORED CONCRETE COLOR: NATURAL GRAY FINISH: LIGHT BROOM	1 / L2.0
SITE		
SYMBOL	DESCRIPTION	DETAIL
SE-101	CURB AND GUTTER REFER TO ENGINEER'S PLANS	
SE-102	ASPHALT PAVING REFER TO ENGINEER'S DRAWINGS	
SITE FURNISHINGS		
SYMBOL	DESCRIPTION	DETAIL
SF-101	PEDESTRIAN BENCH - BY OTHERS	
SITE STRUCTURES		
SYMBOL	DESCRIPTION	DETAIL
SS-102	BOLLARD MODEL: R-7912 COLOR: ANODIZED SILVER AVAILABLE FROM: RELIANCE FOUNDRY (1-877-789-3245)	5 / L2.3
WALL		
SYMBOL	DESCRIPTION	DETAIL
W-101	ROLLING MASONRY LANDSCAPE WALL VENEER: STUCCO COLOR: WHITE TO MATCH ARCHITECTURE FINISH: SMOOTH HEIGHT: 18" - 48"	1 / L2.1

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SYMBOL LEGEND	
	PROPERTY LINE
	MATCH LINE
	LIMITS OF DISTURBANCE
	RIGHT OF WAY
	CENTERLINE
	EOP EDGE OF PAVEMENT
	CALLOUT
	PA PLANTING AREA

EXISTING TREES TO REMAIN WITH TREE PROTECTION FENCING. REFER TO ENGINEER'S PLANS FOR TREE PROTECTION FENCE DETAIL.



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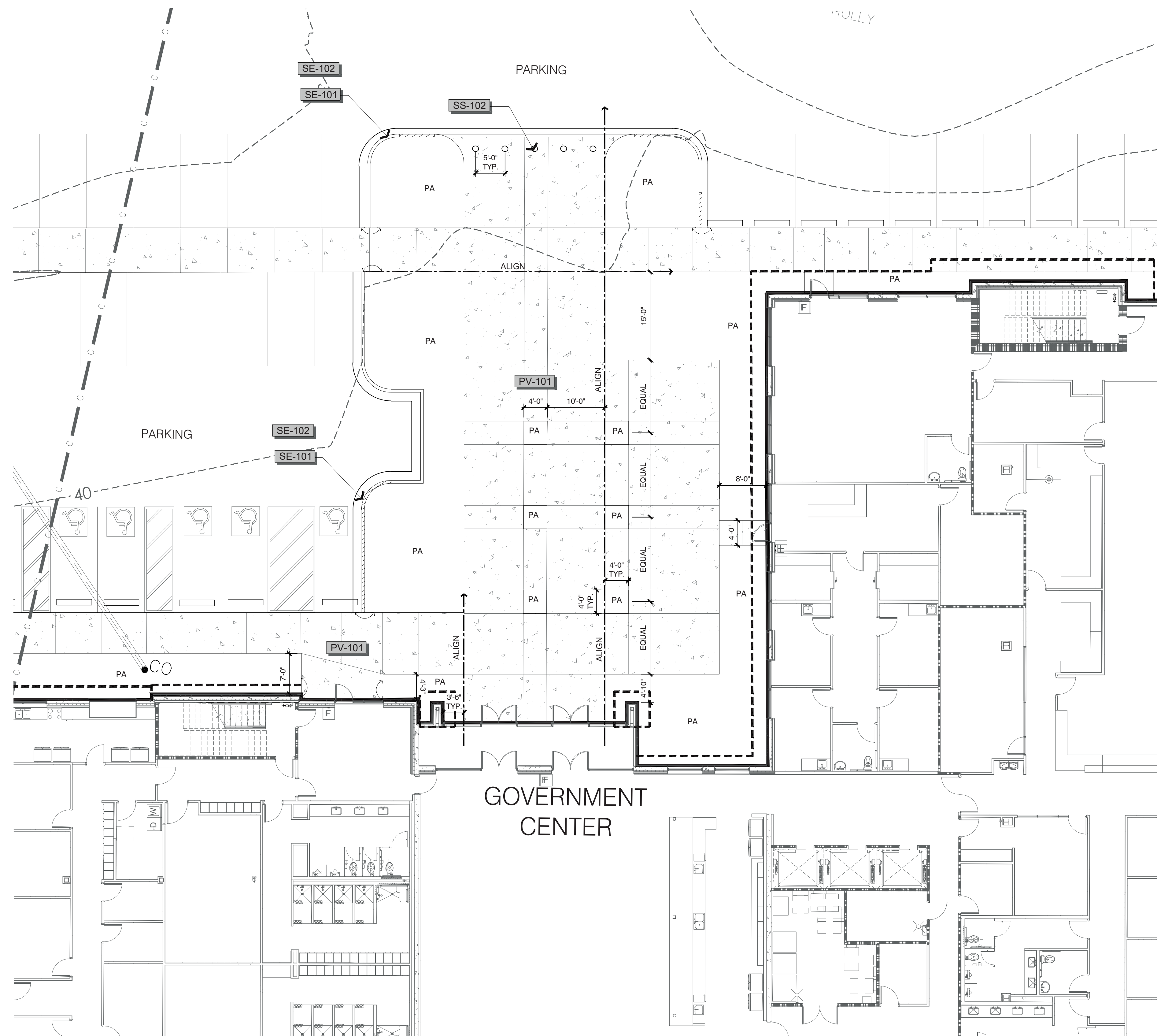
CLIENT
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WILMINGTON, NC

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230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

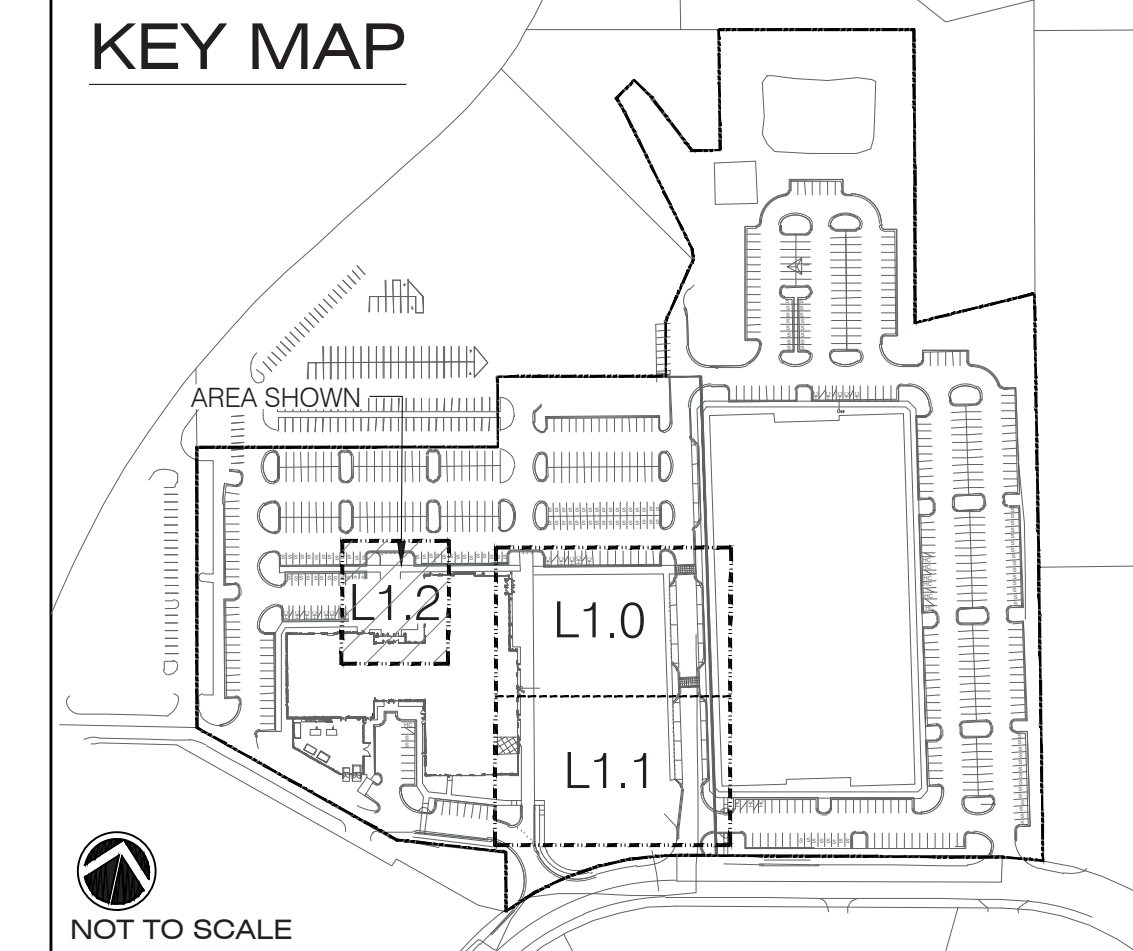
PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RLJ
Checked by: JWM
Sheet Title: SITE LAYOUT

Sheet Number:
L1.1
of 19 sheets



KEY MAP



REFERENCE NOTES SCHEDULE L1.2

SYMBOL	DESCRIPTION	DETAIL
	CONCRETE PAVING	
PV-101	SCORED COLORED CONCRETE COLOR: MYSTIC SHADOW (RC3501) FINISH: LIGHT BROOM	
	SITE	
SE-101	CURB AND GUTTER REFER TO ENGINEER'S PLANS	
SE-102	ASPHALT PAVING REFER TO ENGINEER'S DRAWINGS	
	SITE STRUCTURES	
SS-102	DECORATIVE BOLLARD MODEL: AVAILABLE FROM:	

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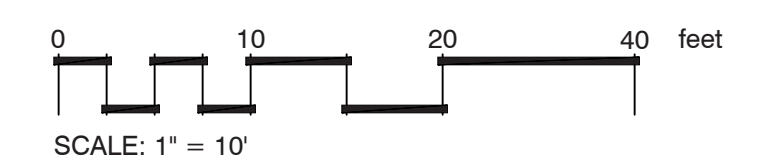
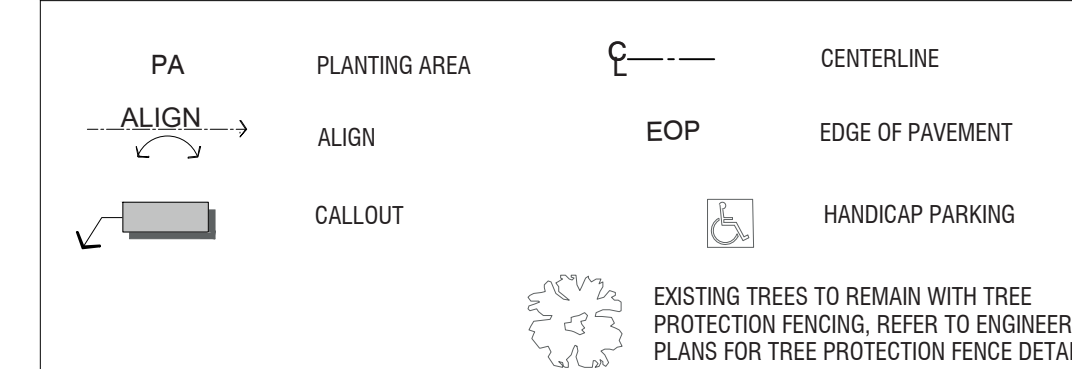
APPROVED
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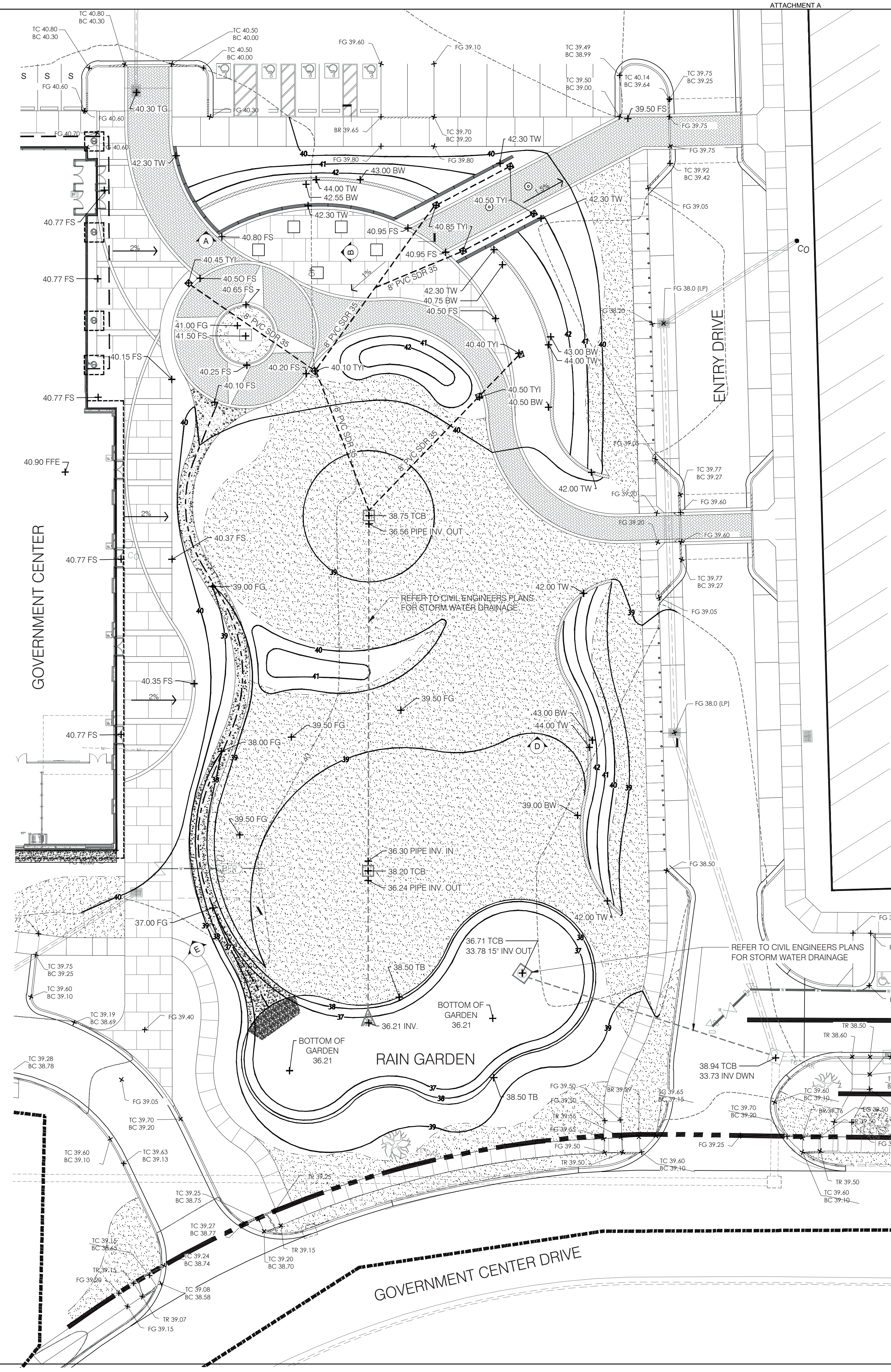
PRICING SET

Date: 2021-08-25
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 Sheet Title: SITE LAYOUT

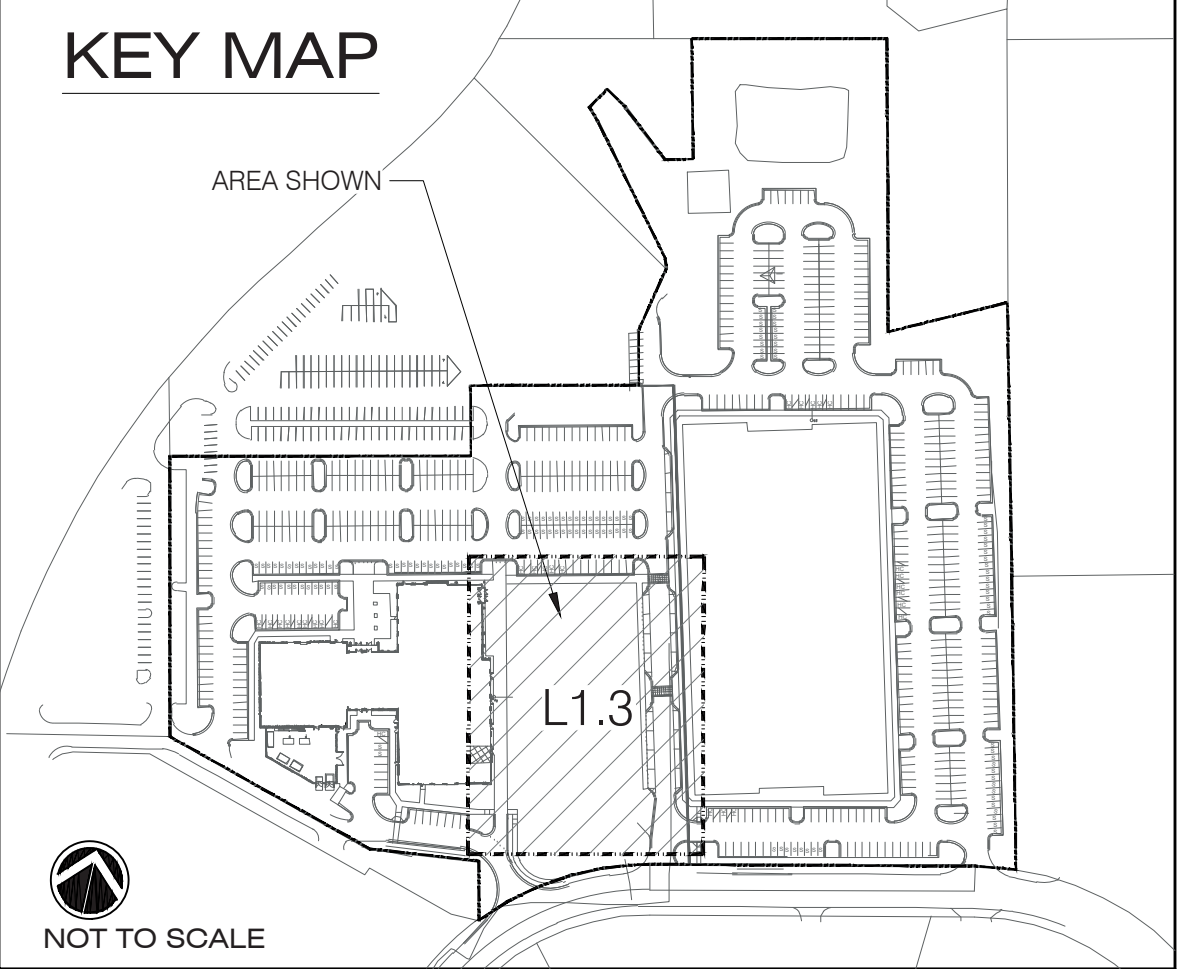
Sheet Number:
L1.2
 of 19 sheets

SYMBOL LEGEND





ATTACHMENT A



GRADING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
FG	FINISH GRADE	+ 16.00 FS	PROPOSED ELEVATION
TW	TOP OF WALL	← 1%	GRADING SLOPE
BW	BOTTOM OF WALL	— 20	PROPOSED CONTOUR
TS	FINISH SURFACE	- - - +2	APPROX. EXISTING CONTOURS
BC	BACK OF CURB	---	PROPERTY LINE
TC	TOP OF CURB	---	MATCHLINE
EG	EXISTING GRADE	+ FG 39.10	EXISTING ELEVATION
TB	TOP OF BANK		
TR	TOP OF RAMP	EOP	EDGE OF PAVEMENT
TCB	TOP OF CATCH BASIN	⊕	CENTERLINE
TYD	TOP OF YARD DRAIN	⊕	CATCH BASIN - REFER TO CIVIL
BR	BOTTOM OF RAMP	---	PVC DRAIN PIPE
⊕	YARD INLET	⊕	OUTLET
▲	FLARED END SECTION	---	8" PERFORATED ADS PIPE
---	REFER TO CIVIL		

*NOTE: REFER TO CIVIL ENGINEERS PLANS FOR DRAIN AND MATERIAL SIZING (YARD DRAINS, CATCH BASINS, OUTLET, AND PIPING)

PARK IMPERVIOUS SURFACE CALCULATIONS

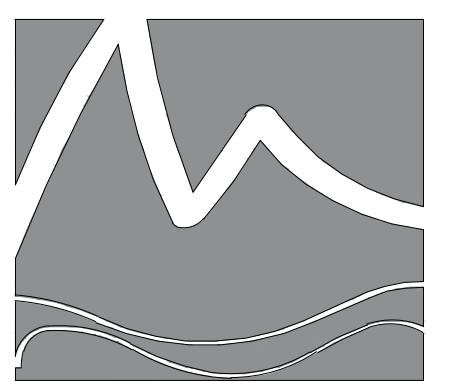
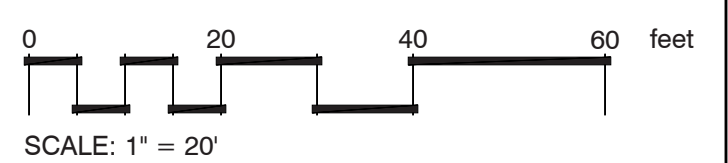
	TOTAL
PROPOSED PAVERS	3,681 SF
PROPOSED WALLS	517 SF
PROPOSED CONCRETE	4,411 SF
TOTAL PROPOSED IMPERVIOUS	8,609 SF

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GRADING & DRAINAGE NOTES

- REFER TO CONTRACTOR'S SHOP DRAWINGS, MECHANICAL ENGINEER'S AND STRUCTURAL ENGINEER'S PLANS FOR PRECISE GRADING, SUB-DRAIN SYSTEM, INVERT ELEVATIONS AND DRAINAGE STRUCTURES.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DRAINAGE INFORMATION INCLUDING DOWNSPOUTS.
- PRIOR TO STARTING WORK, CONTRACTOR SHALL VERIFY ALL PROPOSED HARDSCAPE AND LANDSCAPE GRADES IN FIELD. SHOULD ADJUSTMENTS BE NECESSARY, MAINTAIN PROPOSED FLOW LINES AND DRAINAGE PATTERNS. MAINTAIN A MINIMUM 1% GRADIENT ON HARDSCAPE SURFACES AND 1.5% GRADIENT IN LANDSCAPE AREAS. (1% POSITIVE DRAINAGE IN LANDSCAPE AREAS BARE MINIMUM).
- GRADES SHOWN IN PARENTHESES (100.00) HAVE BEEN TAKEN FROM CIVIL ENGINEER'S PLANS.
- ALL REQUIRED FILL SHALL BE COMPACTED PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS TO PREVENT FUTURE SETTLING AND MAINTAIN STRUCTURAL STABILITY. ALL IMPORT FILL SHOULD BE FREE FROM NOXIOUS WEEDS AND CHEMICAL CONTAMINANTS AND SHALL BE TESTED FOR AGRICULTURAL STABILITY PRIOR TO DELIVERY TO SITE.
- FINISH GRADE SHALL BE ADJUSTED IN THE FIELD BY THE LANDSCAPE ARCHITECT AS REQUIRED. ALL FINISH GRADING SHALL BE UNIFORM AND SMOOTH.
- ALL GRADING TO BE IN CONFORMANCE WITH LOCAL BUILDING CODES. CONTRACTOR IS TO SECURE REQUIRED PERMITS. OWNER WILL PAY FEES.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF WORK AND TAKE MEASURES TO PROTECT THESE EXISTING UTILITIES.
- ALL AREAS TO RECEIVE PLANTING SHALL BE ROUGH SHAPED TO ELEVATIONS SHOWN ON PLANS & DETAILS PRIOR TO COMMENCEMENT OF ANY PLANTING & IRRIGATION WORK UNDER THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO PERFORM FINISH GRADING FOR PROPER ROCK PLACEMENT, MOUNDING OR REPAIR WORK RESULTING FROM WORK PERFORMED UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND PROPER SURFACE DRAINAGE IN ALL AREAS. FINE GRADING SHALL BE COMPLETED AS INDICATED BY CONTOURS AND SPOT ELEVATIONS. PROPOSED ELEVATIONS SHOWN ARE FINISHED/COMPACTED GRADE. ALL FINAL GRADING TO BE REVIEWED BY LANDSCAPE ARCHITECT FOR APPROVAL. CONTRACTOR SHALL BRING ANY GRADING DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR A DECISION PRIOR TO PROCEEDING.
- ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED AND MAINTAINED DURING CONSTRUCTION.
- CONTRACTOR SHALL PROTECT ALL WORK FROM EROSION UNTIL FINAL ACCEPTANCE.
- CONTRACTOR TO PROVIDE A MINIMUM OF 1.5% SLOPE FOR A DISTANCE OF FIVE FEET AWAY FROM ALL EXISTING AND PROPOSED STRUCTURES. ENSURE POSITIVE DRAINAGE TOWARD DRAINAGE SWALES AND CATCH BASINS IN ALL LOCATIONS TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.



MIHALY
 LAND DESIGN
 PLANNING + LANDSCAPE ARCHITECTURE
 330 MILITARY CUTOFF RD., Suite A3
 WILMINGTON, NC 28405 910.392.4355

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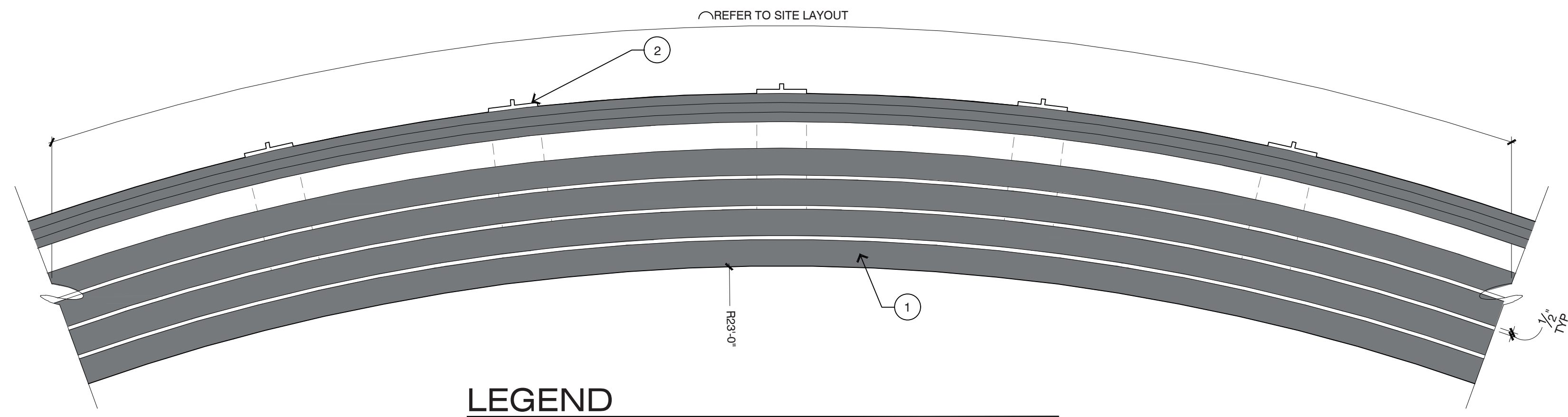
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PROJECT
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 LANDSCAPE PLANS

PRICING SET

Date: 2021-08-25
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 Job Number: 400-23
 Designed by: MLD
 Drawn by: FLJB
 Checked by: JWM

Sheet Title:
 SITE GRADING
 Sheet Number:
L1.3
 of 19 sheets



PLAN ELEVATION VIEW
SCALE: 1" = 1'-0"

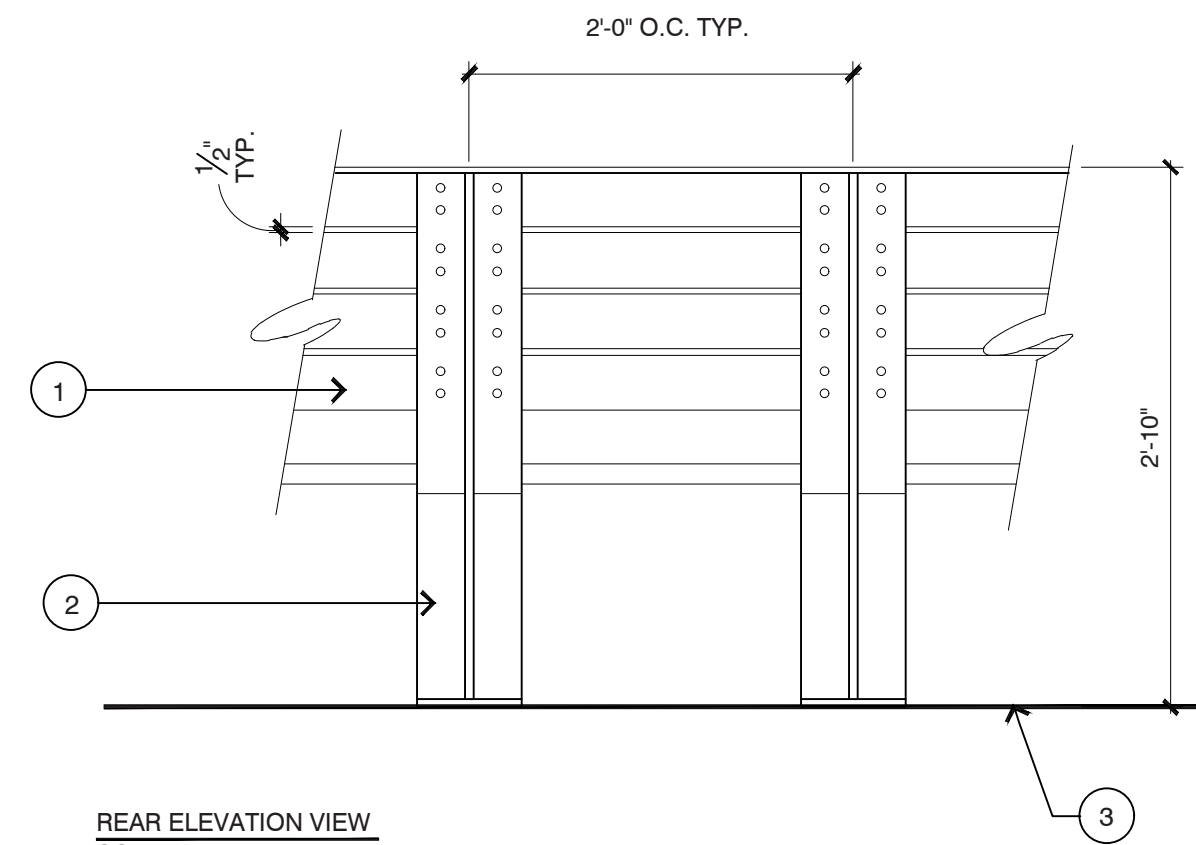
LEGEND

1. AZEK VINTAGE COLLECTION POLYMER BOARD
SIZE: 5/4" x 3-1/2"
COLOR: WEATHERED TEAK
2. 1/4" POWDER COATED ALUMINUM BASE
COLOR: BLACK
3. FINISH GRADE
4. POWDER COATED FASTENERS
COLOR: BLACK
5. GALVANIZED MASONRY ANCHORS

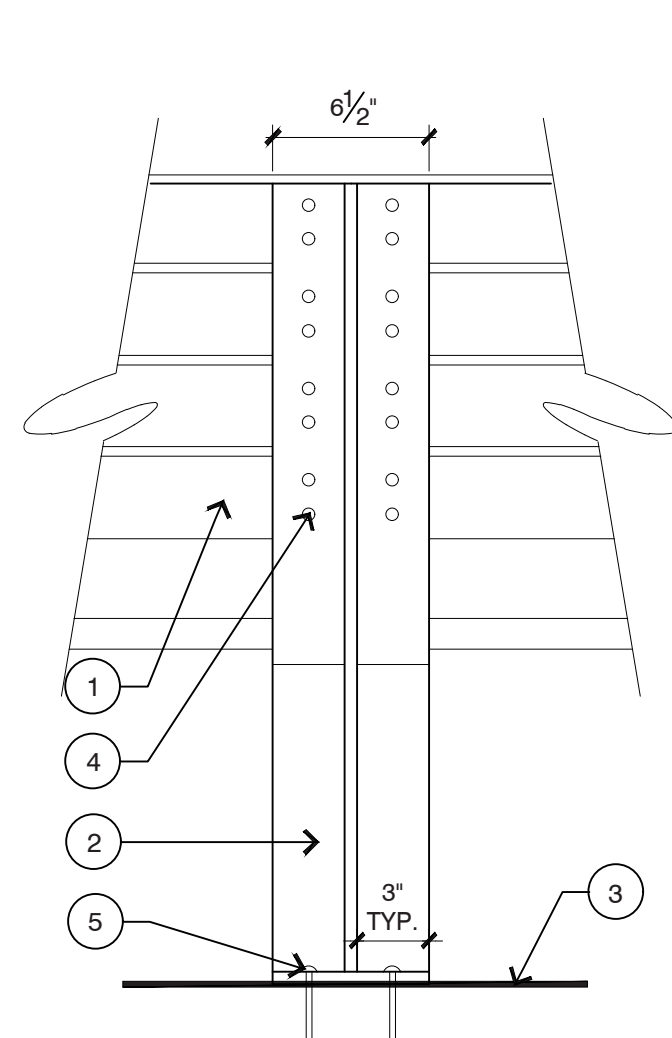
NOTE:
- DETAILS PROVIDED ARE FOR DESIGN INTENT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR BENCH FABRICATION FOR APPROVAL BY LANDSCAPE ARCHITECT.



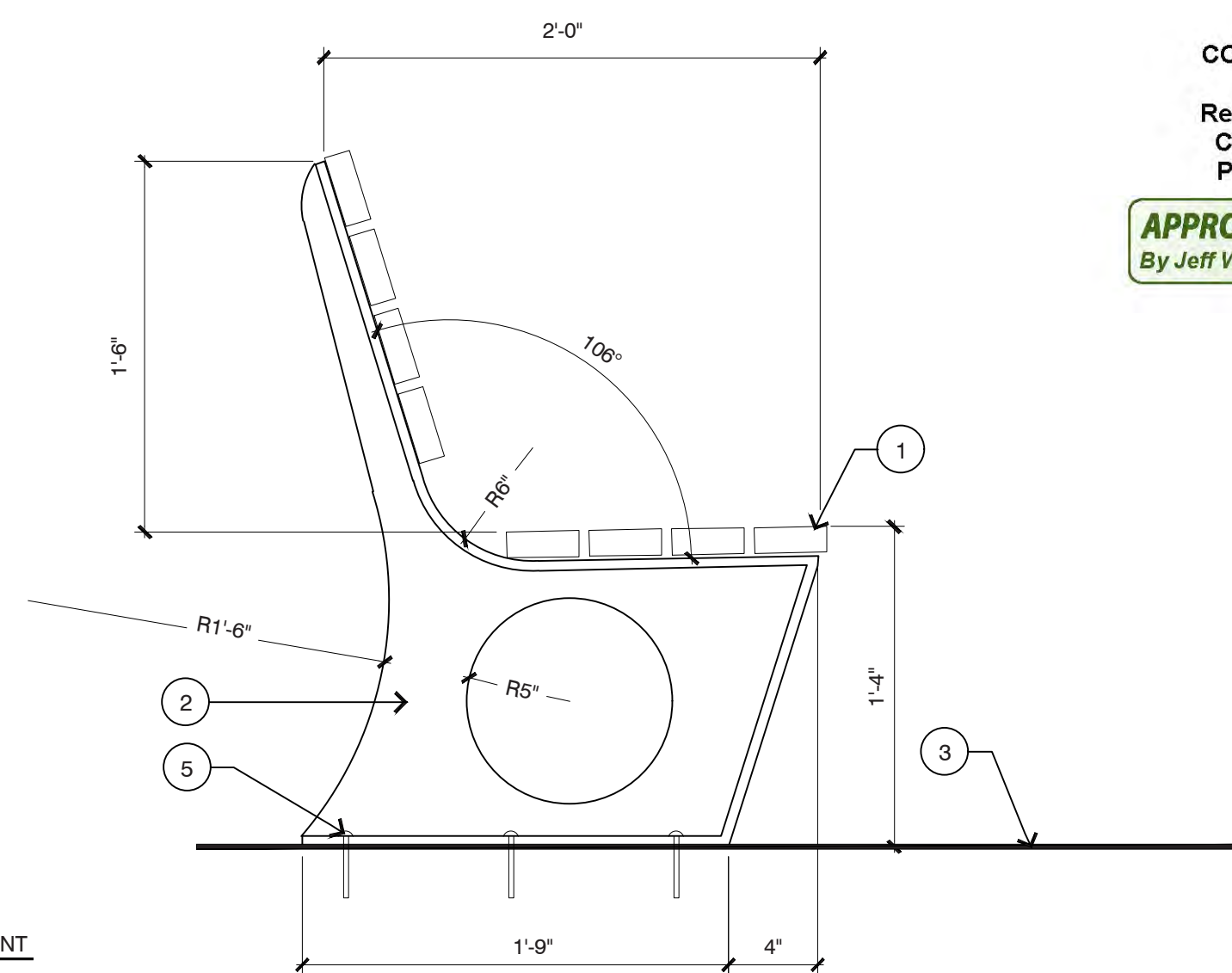
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REAR ELEVATION VIEW
SCALE: 1" = 1'-0"

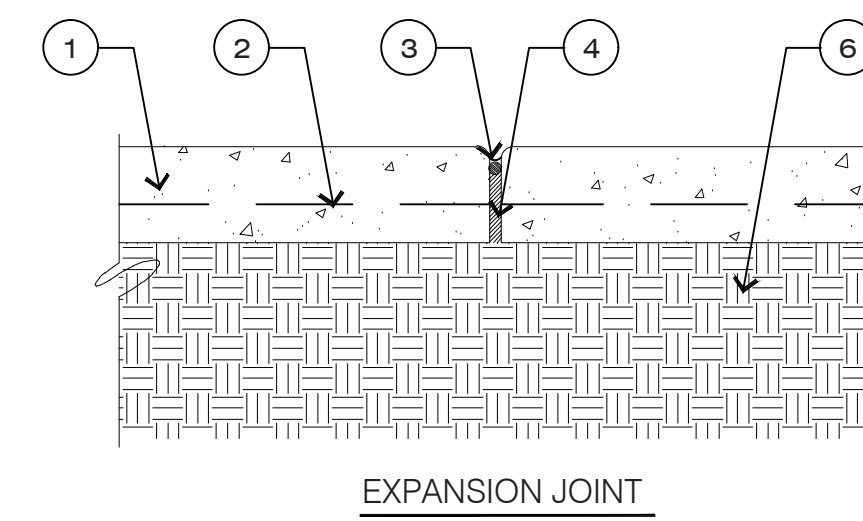


STEEL BASE ENLARGEMENT
SCALE: 1 1/2" = 1'-0"

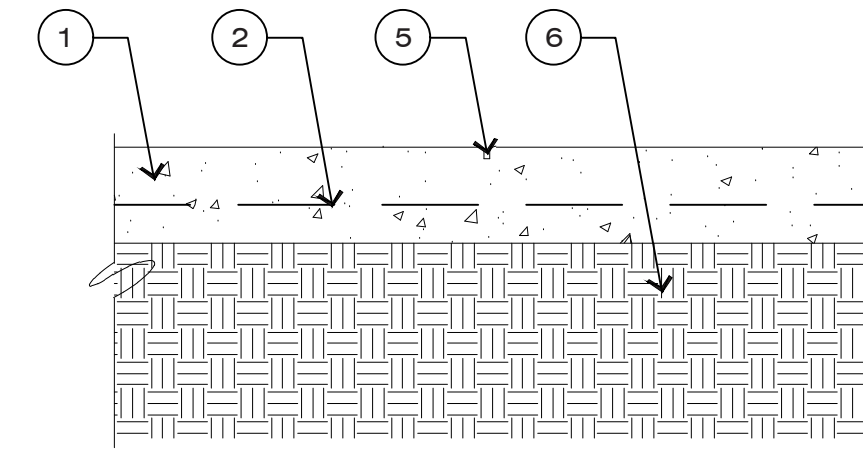


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4 CURVED BENCH



EXPANSION JOINT



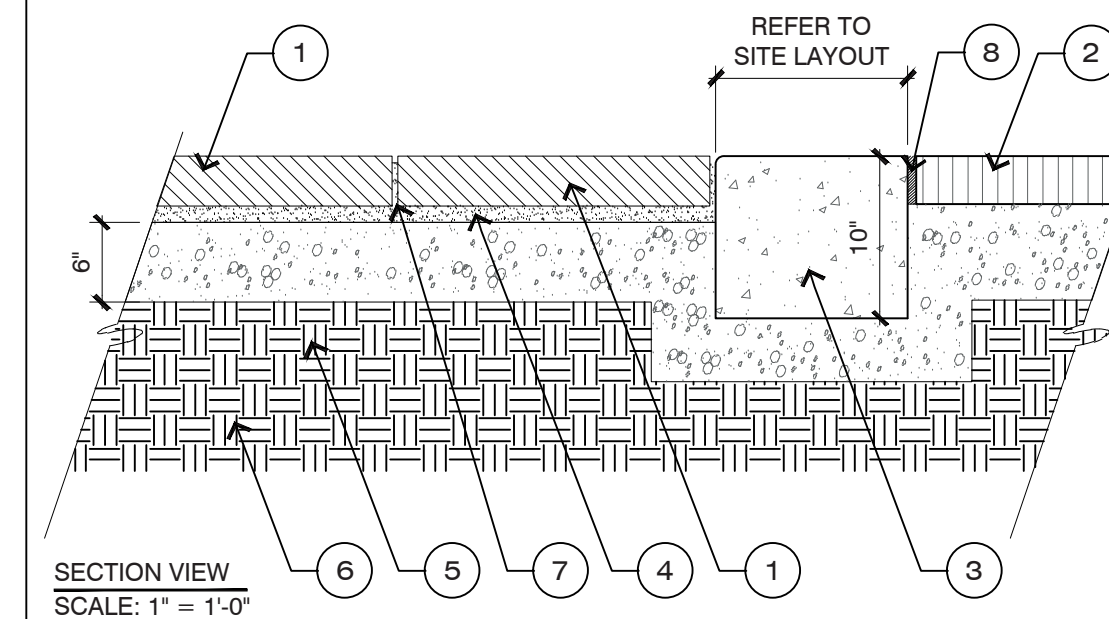
SCORE JOINT

LEGEND

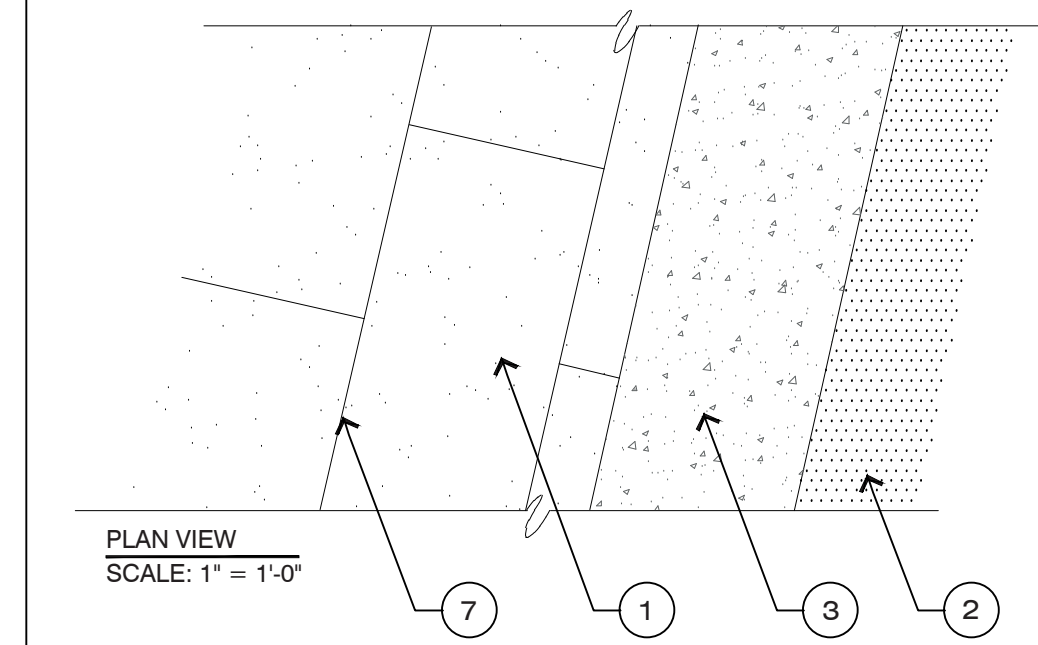
1. CONCRETE PAVING
2. STEEL REINFORCEMENT AS REQUIRED - SEE NOTE BELOW
3. TOOLED SEALANT OVER BACKER ROD - COLOR TO MATCH CONCRETE
4. EXPANSION JOINT FILLER
5. 1/2" WIDE x 3/4" DEEP TOOLED OR SAWCUT JOINT. RADIUS EDGES 1/4" IF TOOLED.
6. COMPACTED SUBGRADE

NOTES:
- EXPANSION JOINTS IN WALKS TO OCCUR AT CHANGE IN DIRECTION AND WHERE NEW CONCRETE PAVING ABUTS EXISTING SIDEWALKS AND/OR CURBS. THE RECOMMENDED SPACING FOR EXPANSION JOINTS IN WALKS IS 16' O.C. FOR CONTINUOUS WALKS UNLESS OTHERWISE RECOMMENDED BY PROJECT ENGINEER
- REFER TO SOIL ENGINEER'S REPORT FOR MINIMUM THICKNESS OF CONCRETE, SIZING OF REINFORCING STEEL, RECOMMENDED SUB-BASE MATERIAL AND SUBGRADE COMPACTION REQUIREMENTS

1 CONCRETE PAVING



SECTION VIEW
SCALE: 1" = 1'-0"



PLAN VIEW
SCALE: 1" = 1'-0"

LEGEND

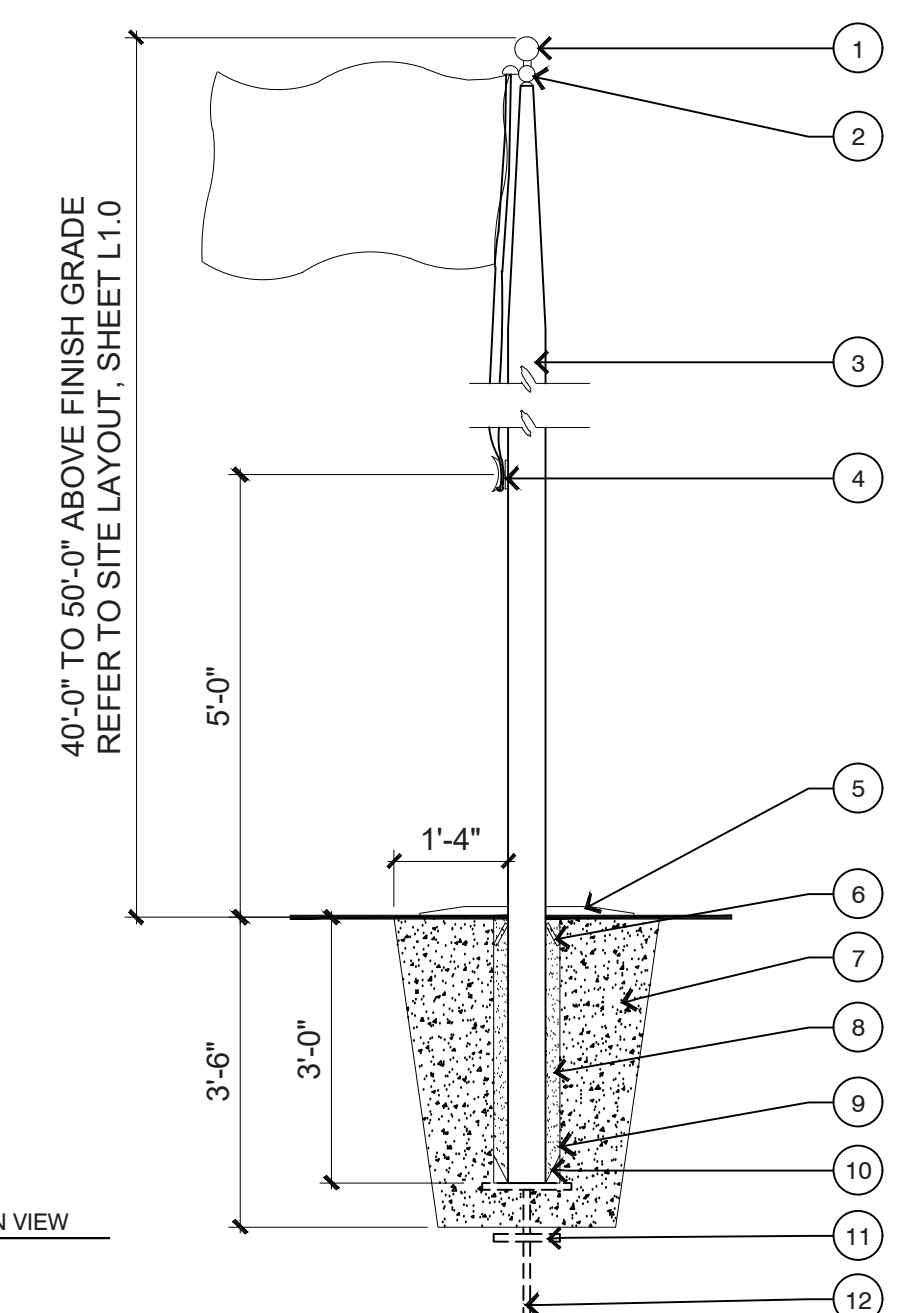
1. TECHO-BLOC PAVER
PAVER: BLU 45mm
SIZE: 13"x6.5"
PATTERN: HERRINGBONE
COLOR: GRAYED NICKEL & SHALE GRAY
2. ADJACENT PAVING - REFER TO SITE LAYOUT, SHEET L1.0
3. CONCRETE BAND
COLOR: NATURAL GRAY
FINISH: SMOOTH
4. SETTING BED
5. AGGREGATE SUB-BASE MATERIAL
6. COMPACTED SUB-GRADE
7. JOINTS AS TIGHT AS POSSIBLE
8. EXPANSION JOINT

NOTE:
- REFER TO SOIL ENGINEER'S REPORT FOR MINIMUM THICKNESS OF CONCRETE, SIZING OF REINFORCING STEEL, RECOMMENDED SUB-BASE MATERIAL AND SUBGRADE COMPACTION REQUIREMENTS

2 PAVER W/ CONCRETE BAND

LEGEND

1. 4" - 14 GAUGE SPUN ALUMINUM BALL
2. SINGLE SHEAVE TRUCK, CAST ALUMINUM, STATIONARY, NON-FOULING TYPE
3. 30' ALUMINUM FLAGPOLE, RATED FOR 140 MPH WINDS
4. 9" CAST ALUMINUM CLEAT
5. ALUMINUM FLASH COLLAR
6. HARDWOOD WEDGES
7. 3000 PSI CONCRETE
8. DRY SAND TIGHTLY TAMPED AFTER ALIGNING POLE
9. FOUNDATION SLEEVE - 16 GAUGE HOT DIP GALVANIZED STEEL
10. STEEL CENTERING WEDGES
11. 1/2" STEEL BASE PLATE
12. 1/2" STEEL SUPPORT PLATE WELDED TO GROUNDING SPIKE



SECTION VIEW
NTS

3 FLAGPOLE



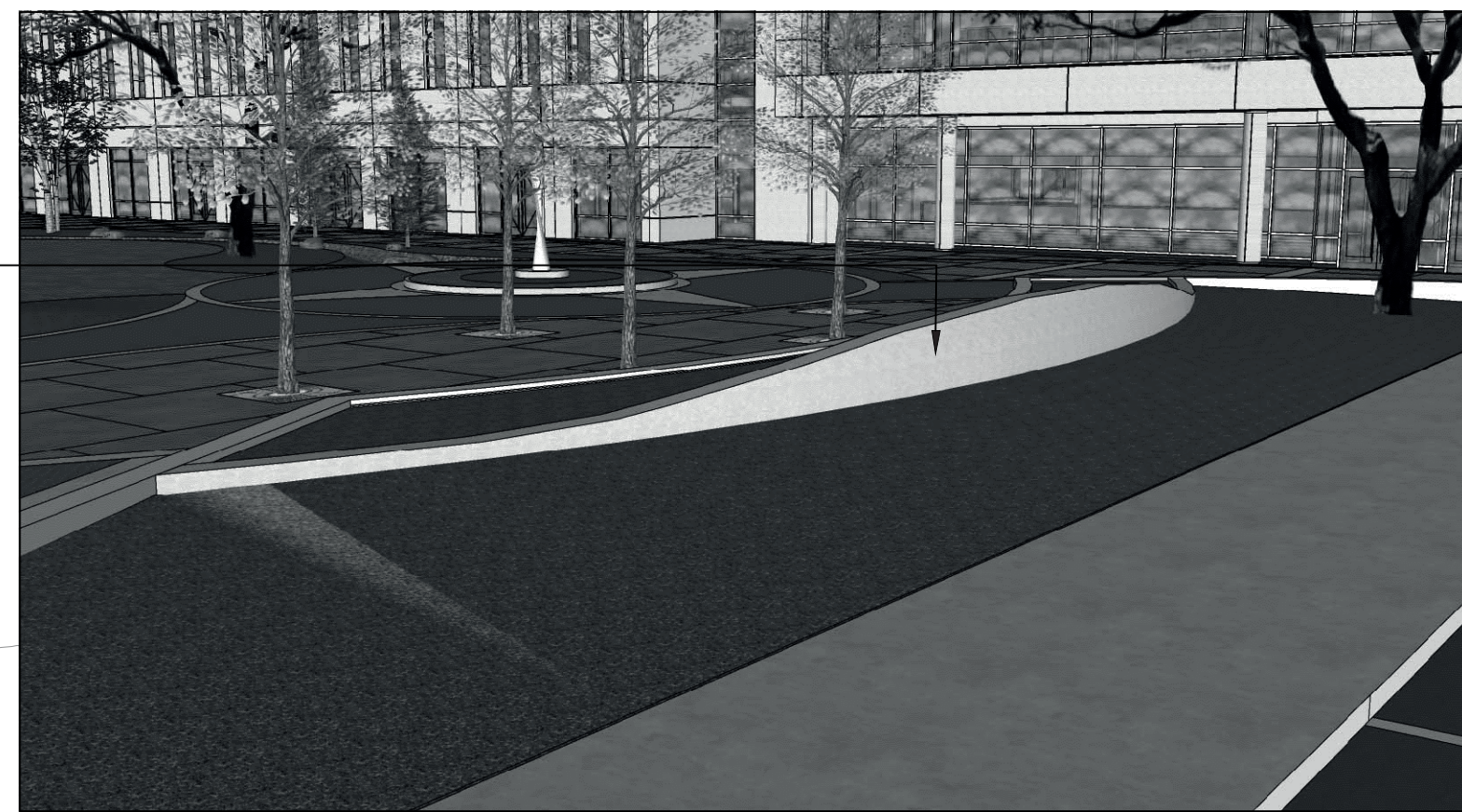
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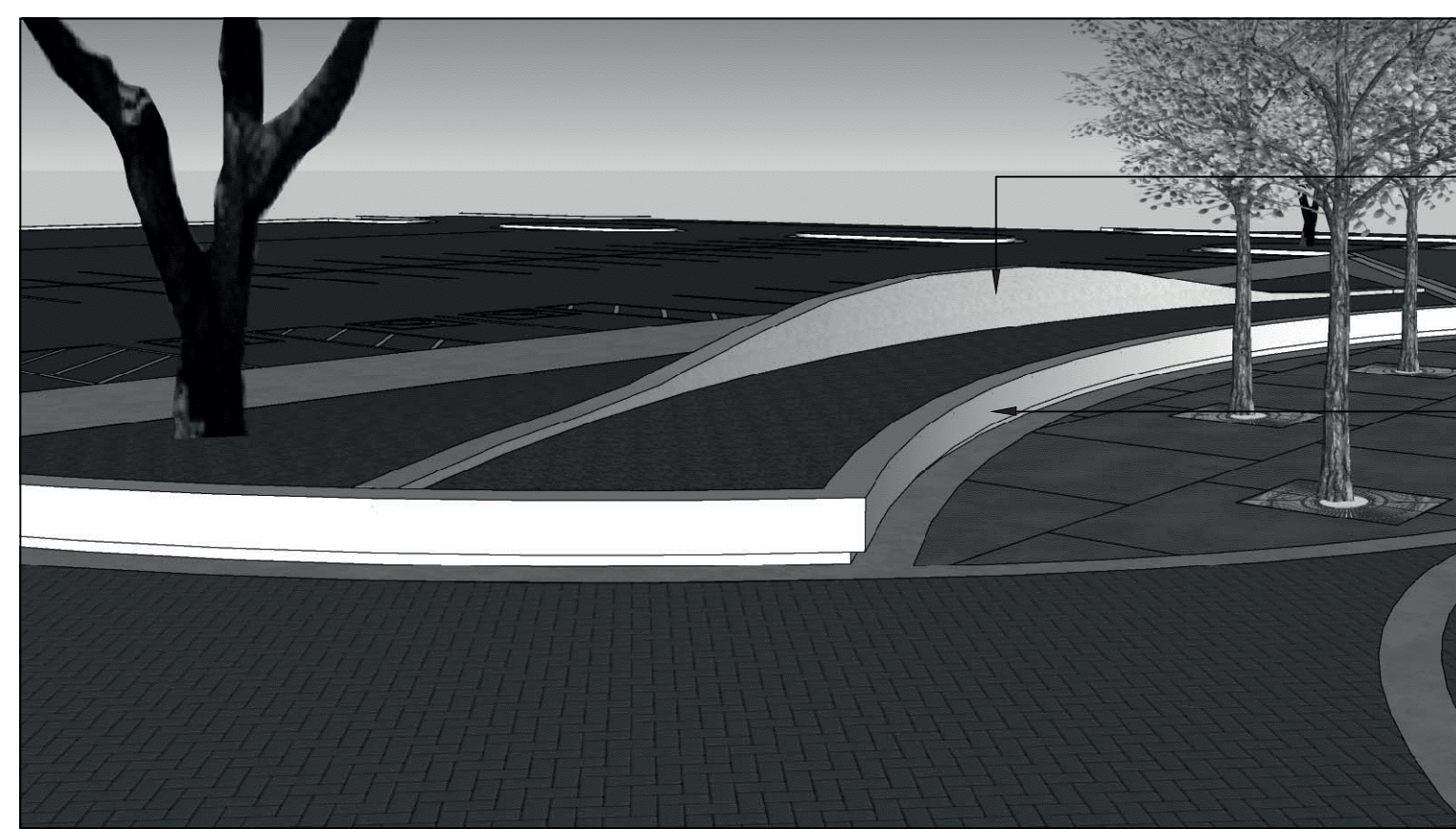
PROJECT
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WILMINGTON, NC
LANDSCAPE PLANS

PRICING SET
Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
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Sheet Title: SITE DETAILS

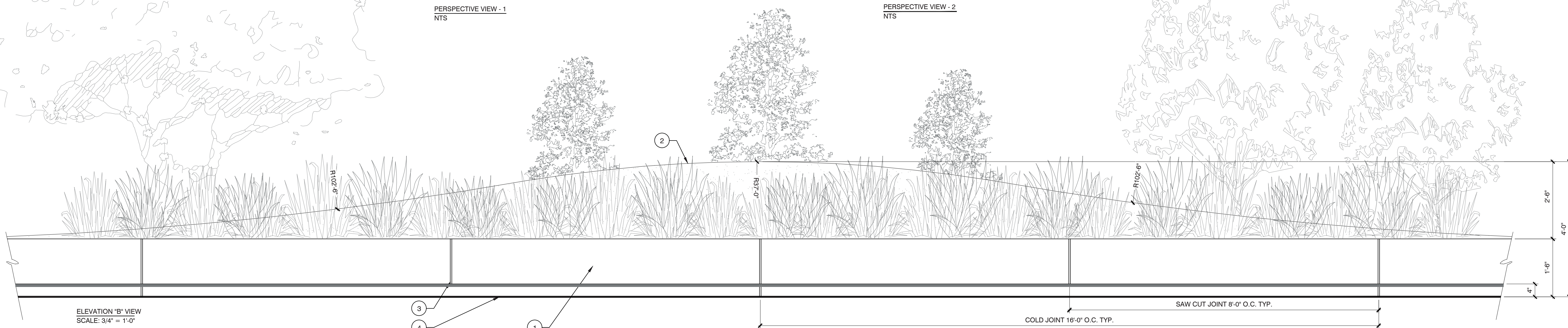
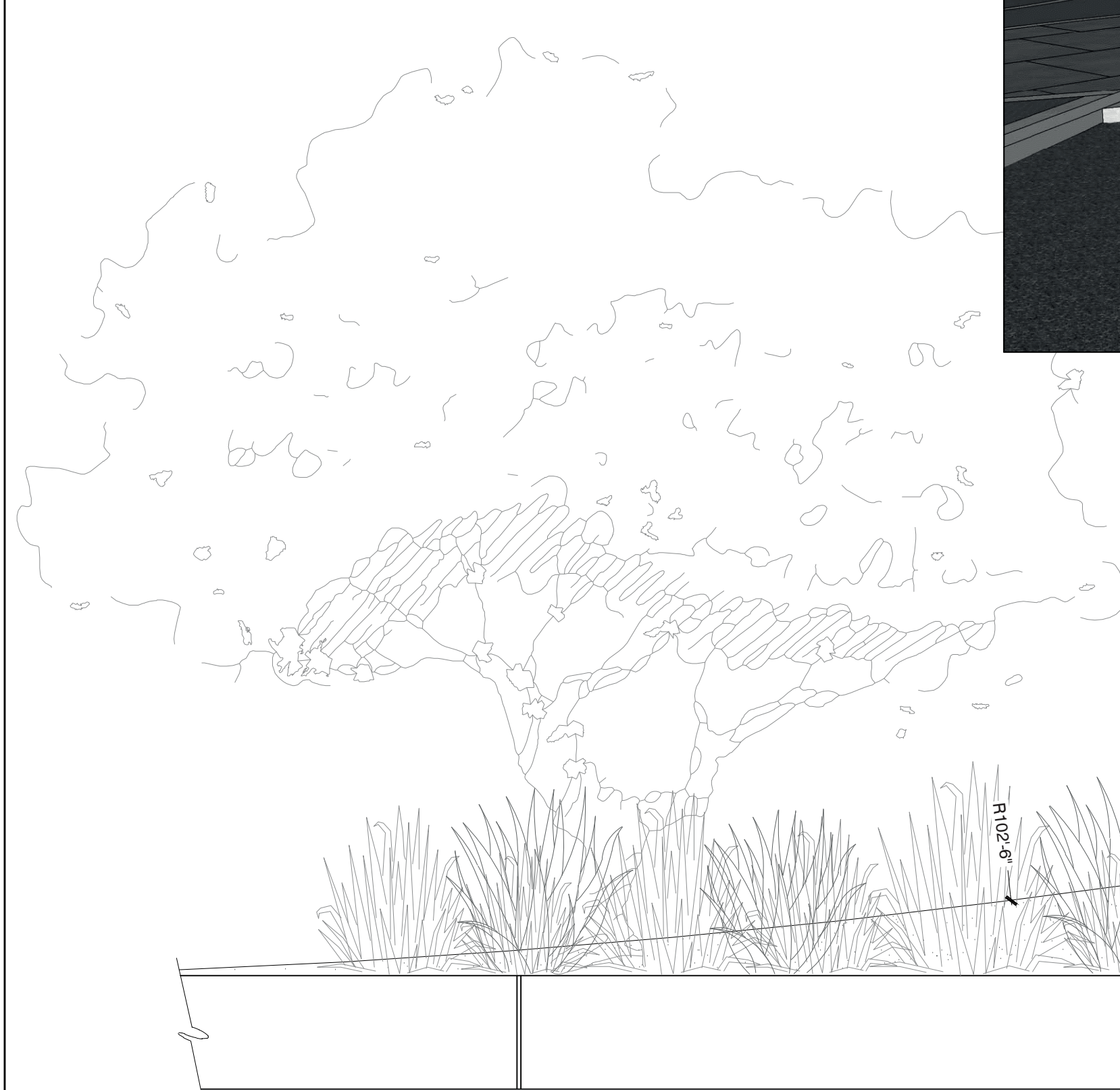
Sheet Number:
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of 10 sheets



PERSPECTIVE VIEW - 1
NTS



PERSPECTIVE VIEW - 2
NTS



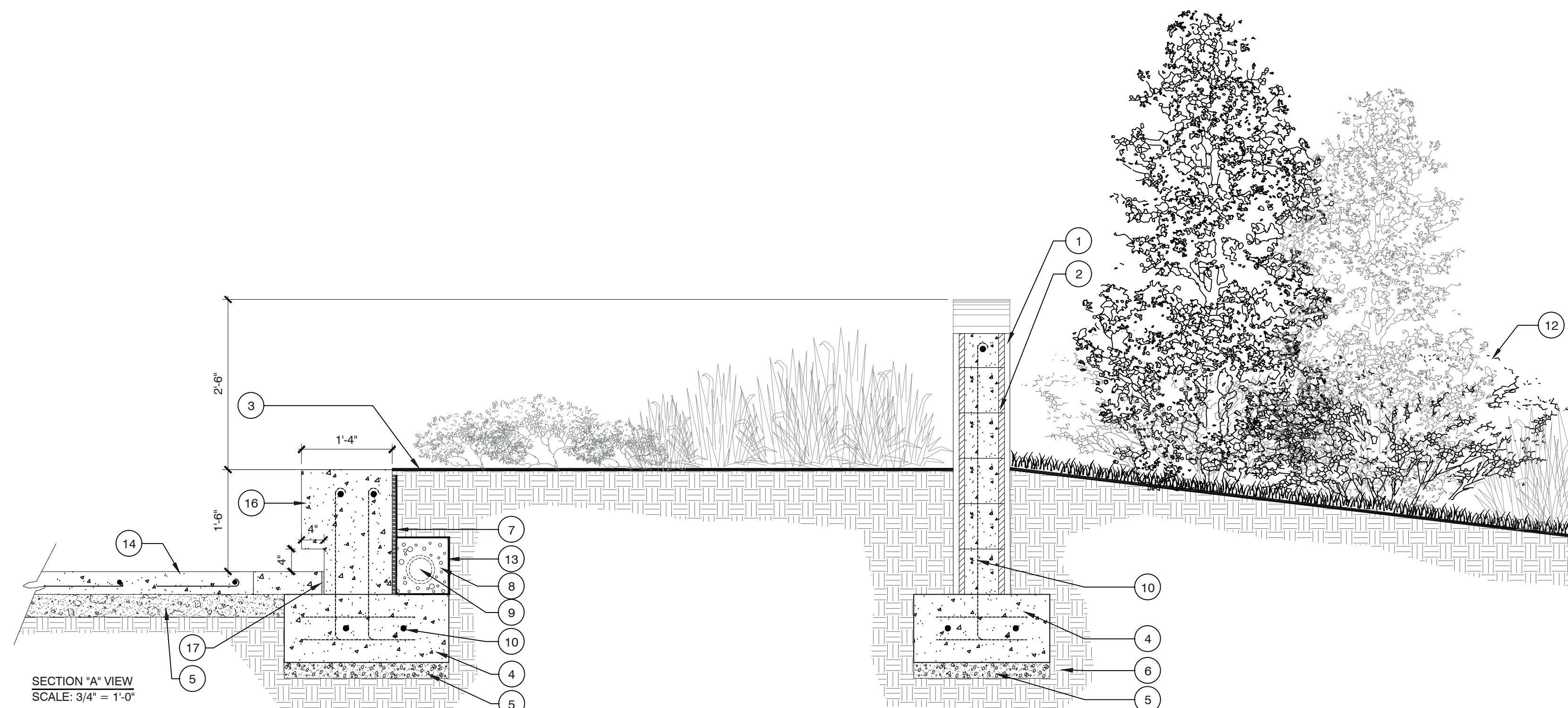
LEGEND

- | | |
|--|-----------------------|
| 1. FORMED-IN-PLACE CONCRETE
FINISH: SMOOTH
COLOR: NATURAL GRAY | 3. 1/8" SAW CUT JOINT |
| 2. ROLLING MASONRY WALL WITH STUCCO VENEER
FINISH: SMOOTH
COLOR: WHITE TO MATCH ARCHITECTURE | 4. FINISH GRADE |

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By Jeff Walton at 3:11 pm, Oct 19, 2022

1 ELEVATION A



LEGEND

- | | |
|--|---|
| 1. STUCCO VENEER
FINISH: SMOOTH
COLOR: WHITE TO MATCH ARCHITECTURE | 10. STEEL REINFORCEMENT - BY STRUCTURAL ENGINEER |
| 2. 8" CMU TO FIT - GROUT CELLS SOLID W/
REINFORCEMENT | 11. CURB - REFER TO CIVIL ENGINEERS DRAWINGS |
| 3. FINISH GRADE | 12. PLANTING |
| 4. CONCRETE FOOTING | 13. FILTER FABRIC |
| 5. AGGREGATE SUB-BASE | 14. ADJACENT SCORED COLORED CONCRETE
COLOR: |
| 6. COMPACTED SUB-GRADE | 15. ADJACENT SCORED CONCRETE |
| 7. WATERPROOF MEMBRANE | 16. FORMED-IN-PLACE CONCRETE
COLOR: NATURAL GRAY
FINISH: SMOOTH |
| 8. DRAIN ROCK WRAPPED IN FILTER FABRIC | 17. EXPANSION JOINT |
| 9. 4" DIAMETER PERFORATED PVC DRAIN LINE | |

NOTES:
-REFER TO STRUCTURAL ENGINEER DRAWINGS FOR ALL INFORMATION PERTAINING TO REINFORCEMENT, FOOTINGS, AND CONNECTIONS ON MASONRY WALLS

2 SECTION B



Revisions

2022-04-29	REVISE PER BUILDING FOOTERS FOR PARK AREA
2022-06-17	ADD IMPERVIOUS CALCULATIONS
2022-08-30	REVISED GRADING & SECTION PER ENGINEER COMMENTS
2022-09-21	REVISED PER MEETING COMMENTS

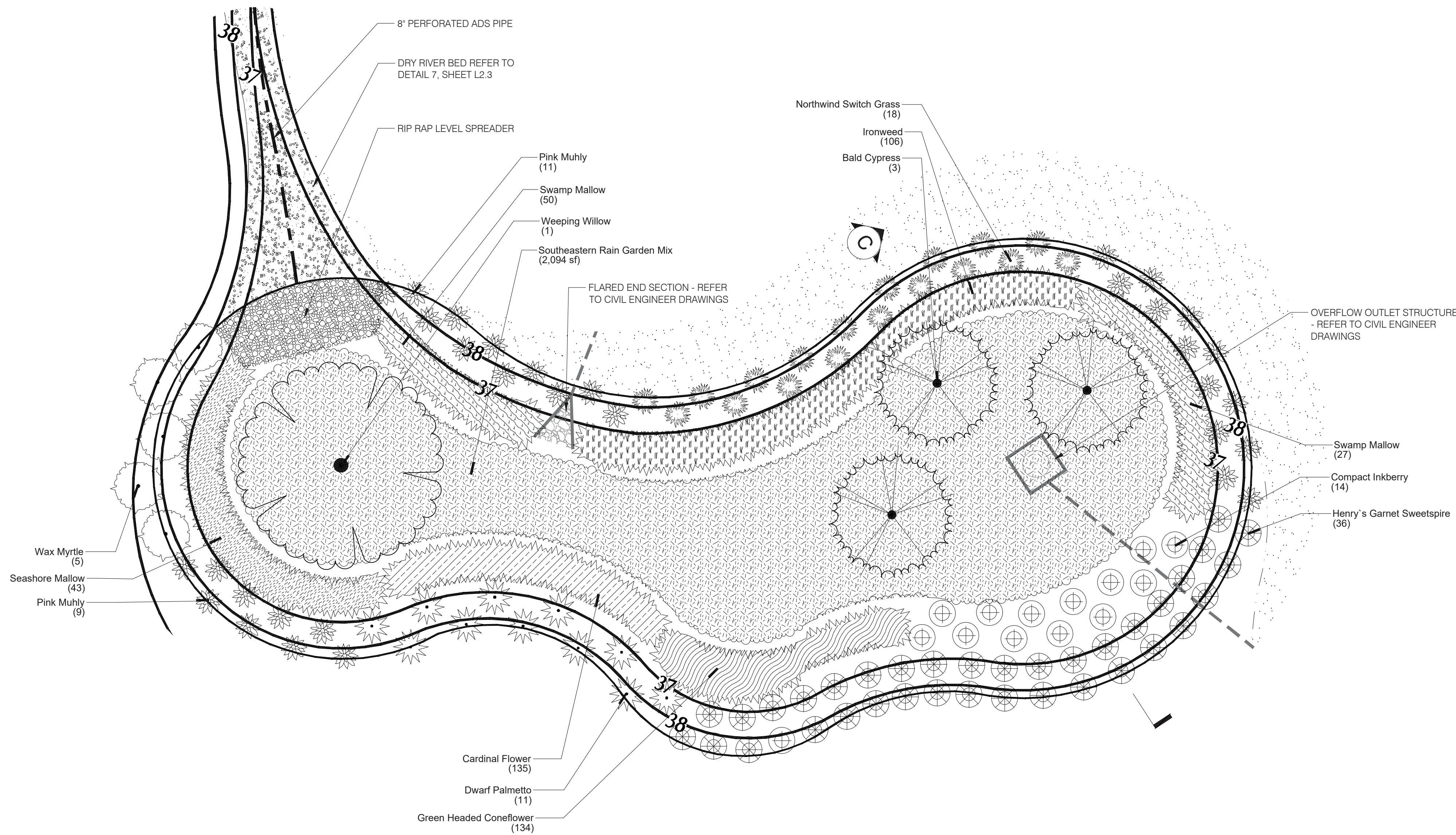
CLIENT
GHK CAPE FEAR COMMERCIAL
1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

PROJECT
NHC GOVERNMENT PARK
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
Checked by: JWM
Sheet Title: SITE DETAILS

Sheet Number:
L2.1
of 10 sheets

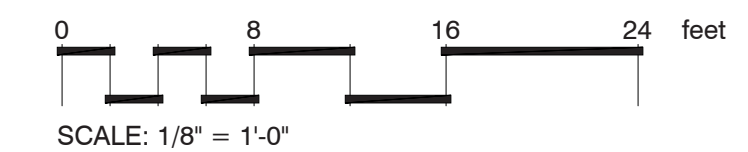


PLANT SCHEDULE

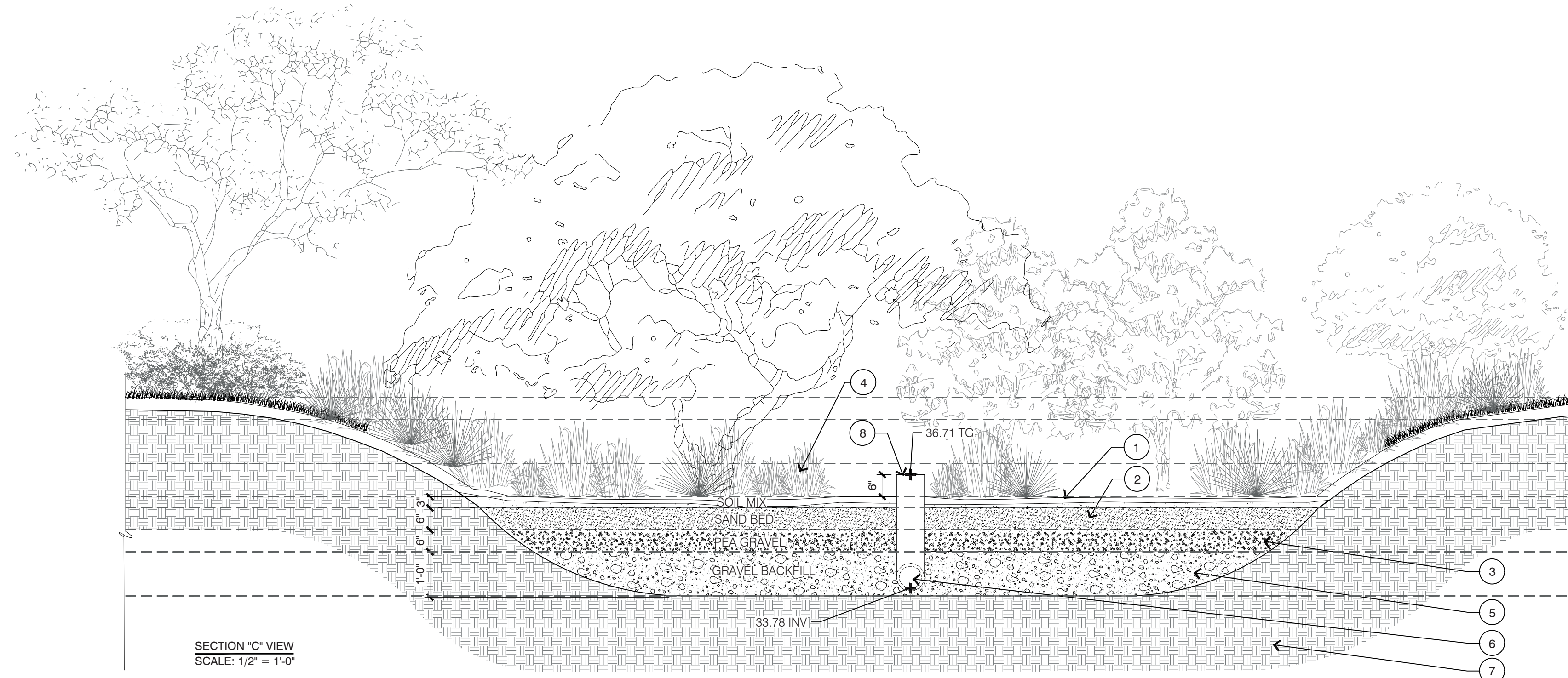
TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	MIN. REQ. SIZE	QTY
	Salix babylonica / Weeping Willow	B&B		10-12' HT		1
	Taxodium distichum / Bald Cypress	B & B		10-12' HT		3
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Ilex glabra 'Compacta' / Compact Inkberry	3 gal	18-24" HT		14	
	Itea virginica 'Henry's Garnet' / Henry's Garnet Sweetspire	7 gal	18-24" HT		36	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT		33	
	Myrica cerifera / Wax Myrtle	15 gal	5-6' HT		5	
	Panicum virgatum 'Northwind' / Northwind Switch Grass	3 gal	24-30" HT		18	
	Sabal minor / Dwarf Palmetto	7 gal	24-36" HT		11	
SHRUB AREAS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY		
	ERNST Seed Mix / Southeastern Rain Garden Mix	--		2,094 sf		
	Hibiscus moscheutos / Swamp Mallow	1 GAL		24" o.c. 50		
	Kosteletzkya virginica / Seashore Mallow	1 GAL		24" o.c. 43		
	Lobelia cardinalis / Cardinal Flower	1 GAL		12" o.c. 135		
	Rudbeckia laciniata / Green Headed Coneflower	1 GAL		12" o.c. 134		
	Vernonia noveboracensis / Ironweed	1 GAL		18" o.c. 106		

APPROVED CONSTRUCTION PLAN
 Date: 3/26/21
 Revised plans: 10/20/22
 City SW# 2021013R1
 PO, BM, CW, RC, MB

APPROVED
 By Jeff Walton at 3:11 pm, Oct 19, 2022



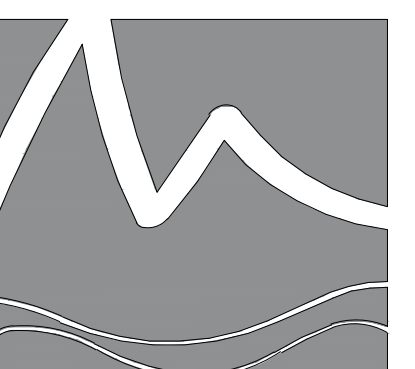
1 RAIN GARDEN ENLARGEMENT / PLANTING PLAN



LEGEND

- 1. RAIN GARDEN SOIL MIX (60% SAND, 20% LOAMY TOPSOIL, 20% ORGANIC MATERIAL)
- 2. SAND BED
- 3. PEA GRAVEL
- 4. PLANTINGS - REFER RAIN GARDEN ENLARGEMENT / PLANTING PLAN, THIS SHEET
- 5. GRAVEL BACKFILL
- 6. PERFORATED UNDERDRAIN
- 7. COMPACTED SUB-GRADE
- 8. OVERFLOW STRUCTURE

2 RAIN GARDEN - SECTION C



MIHALY
 LAND DESIGN
 PLANNING + LANDSCAPE ARCHITECTURE
 330 MILITARY CUTOFF RD., Suite A3
 WILMINGTON, NC 28405 910.392.4355

Revisions
 2022-04-29: REVISE PER BUILDING FOOTERS FOR PARK AREA
 2022-06-17: ADD IMPERVIOUS CALCULATIONS FOR PARK AREA
 2022-08-30: REVISED GRADING & SECTION PER ENGINEER COMMENTS
 2022-09-21: REVISED PER MEETING COMMENTS

CLIENT
GHK CAPE FEAR COMMERCIAL
 1051 MILITARY CUTOFF RD SUITE 200
 WILMINGTON, NC

PROJECT
NHC GOVERNMENT PARK
 230 GOVERNMENT CENTER DR
 WILMINGTON, NC
 LANDSCAPE PLANS

PRICING SET
 Date: 2021-08-25
 Phase:
 Job Number: 400-23
 Designed by: MLD
 Drawn by: RJB
 Checked by: JWM
 Sheet Title: SITE DETAILS

Sheet Number:
L2.2
 of 10 sheets

Bollard R-7912-FL

General Description:
The R-7912 bollard from Reliance Foundry features a clean, versatile design that is suitable for any site location. Composed of carbon steel and finished with powder coating, the R-7912 clearly communicates intended routes and access restrictions. The wider 8 1/2" diameter provides a greater visual barrier as well as added physical strength. Use the tapered surface receiving for easy installation on an existing surface. Powder coating is available in 6 different colors. The R-7912 bollard is easy to stock in back and yellow, available for removable elements. Other colors may be custom ordered with no additional charge.

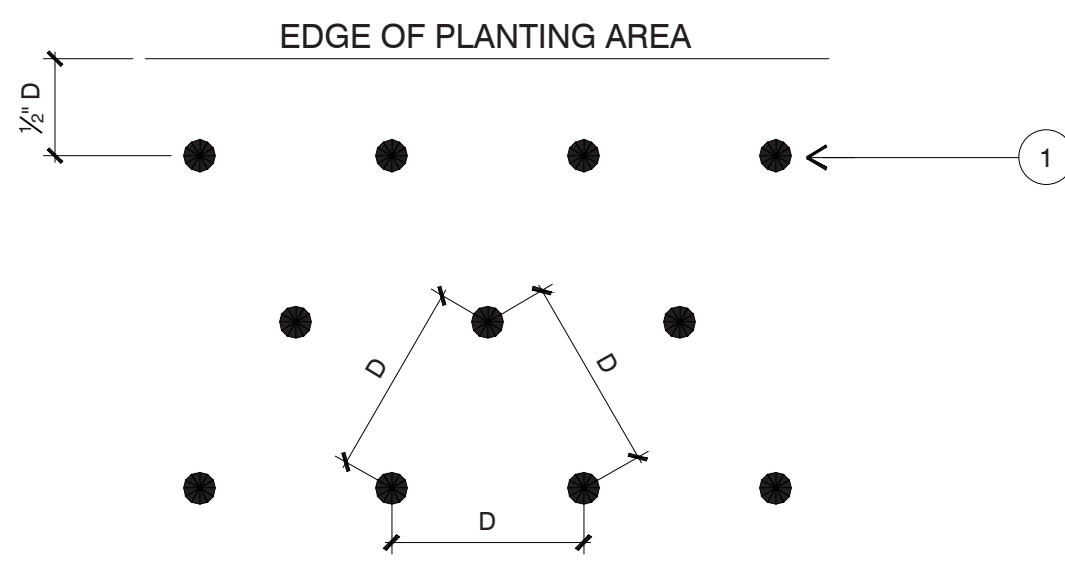
Specifications:
Height: 36"
Base Diameter: 8 1/2"
Weight: 40 lbs
Material: Steel
Finish Options:
- Polyester Powdercoated
- See Reliance Foundry website color options at www.reliancefoundry.com

Notes:
- Embodiment details are for reference illustration only. Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.
- Bollard post is provided as shown, with material detailed in legend below. Concrete, foundation and/or installation ordered separately or provided by others.
- This drawing is not drawn to scale. Dimensions provided herein are for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.
- Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	Ø10 1/2" Flanged Bollard	Ø10 1/2" Flanged Bollard Body	Steel Flange Center	40 lbs
2	4	Bottom Head Bolt 1/2" x 1 1/4"	Hexagon Socket Bottom Head Cap Bolt 1/2" x 1 1/4" requires 5/16" hex key	Stainless Steel	1.0 lbs
3	4	Bottom Steel Washer 1/2"	Stainless Steel Washer 1/2" x 1 1/4" Flat Top	Stainless Steel	0.2 lbs
4	4	Stop-n-Concrete Insert 1/2"	Stop-n-Concrete Insert 1/2" requires 5/16" x 2" hex (80% x depth)	Steel Flange	1.0 lbs

RELIANCE FOUNDRY
1400 21st Avenue, Suite 100, Charlotte, NC 28205
1-800-739-5680 www.reliancefoundry.com

Bollard R-7912-FL

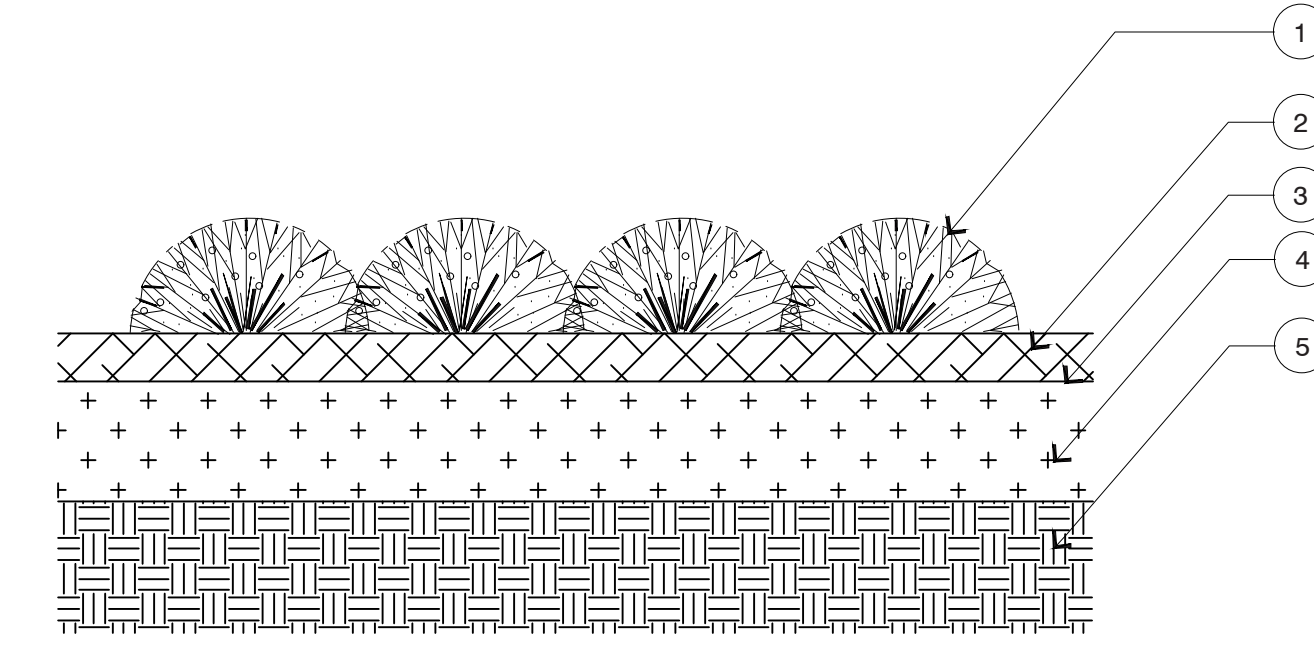


LEGEND
1. GROUND COVER OR SHRUB PLANTING LOCATION

NOTE:
- D - AS NOTED ON PLANTING SCHEDULE

APPROVED CONSTRUCTION PLAN
Date: 3/26/21
Revised plans: 10/20/22
City SW# 2021013R1
PO, BM, CW, RC, MB

APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022



LEGEND
1. GROUND COVER PLANT - REFER TO PLANTING PLAN FOR SPACING INFORMATION
2. MULCH - REFER TO PLANTING SPECIFICATIONS FOR TYPE AND DEPTH
3. FINISH GRADE
4. TOPSOIL AND NATIVE BACKFILL - REFER TO PLANTING SPECIFICATIONS FOR TYPE AND DEPTH
5. COMPACTED SUBGRADE

5 BOLLARD

4 SPACING

1 GROUND COVER

LEGEND

1. STUCCO VENEER FINISH: SMOOTH COLOR: WHITE TO MATCH ARCHITECTURE	5. AGGREGATE SUB-BASE	10. PLANTING
2. 8" CMU TO FIT - GROUT CELLS SOLID W/ REINFORCEMENT	6. COMPACTED SUBGRADE	11. ADJACENT SCORED CONCRETE
3. FINISH GRADE	7. WATERPROOF MEMBRANE	
4. CONCRETE FOOTING	8. STEEL REINFORCEMENT - BY STRUCTURAL ENGINEER	NOTES: - REFER TO STRUCTURAL ENGINEER DRAWINGS FOR ALL INFORMATION PERTAINING TO REINFORCEMENT, FOOTINGS, AND CONNECTIONS ON MASONRY WALLS
	9. CURB - REFER TO CIVIL ENGINEERS DRAWINGS	

SECTION "D" VIEW
SCALE: 1/2" = 1'-0"

LEGEND

1. SHRUB
2. 3" LAYER OF MULCH
3. 3" WATER BASIN
4. FINISH GRADE
5. TOPSOIL & NATIVE BACKFILL MIXTURE
6. SCARIFY EDGE OF PIT
7. FERTILIZER TABLETS - REFER TO SCHEDULE FOR QUANTITY
8. ROOT BALL
9. NATIVE SUBGRADE

NOTES:
- SCARIFY ROOT BALLS OF PLANTS WITH CIRCLING ROOTS.
- HEAVILY ROOT BOUND SHRUBS WILL NOT BE ACCEPTED

6 ROLLING MASONRY WALL SECTION D

2 SHRUB PLANTING

LEGEND

1. 2"-8" DIA. RIVER ROCK
2. 57 STONE
3. ADJACENT PLANTING
4. 8" PERFORATED ADS PIPE
5. FILTER FABRIC
6. COMPACTED SUB-GRADE
7. FINISH GRADE

SECTION "E" VIEW
SCALE: 3/4" = 1'-0"

LEGEND

1. 24" CORDED BLACK RUBBER TREE TIE. LOOP AT TRUNK AND NAIL TO STAKE
2. 2 1/2" DIA. x 12' LONG TREATED LODGEPOLE PINE STAKE
3. 3" LAYER OF MULCH
4. ROOT BALL
5. 3" WATER BASIN
6. FINISH GRADE
7. FERTILIZER TABLET
8. TOPSOIL & NATIVE BACKFILL MIXTURE
9. NATIVE SUBGRADE

NOTES:
- SCARIFY ROOT BALLS OF PLANTS WITH CIRCLING ROOTS.
- HEAVILY ROOT BOUND SHRUBS WILL NOT BE ACCEPTED

7 DRY RIVER BED SECTION E

3 TREE STAKING



Revisions

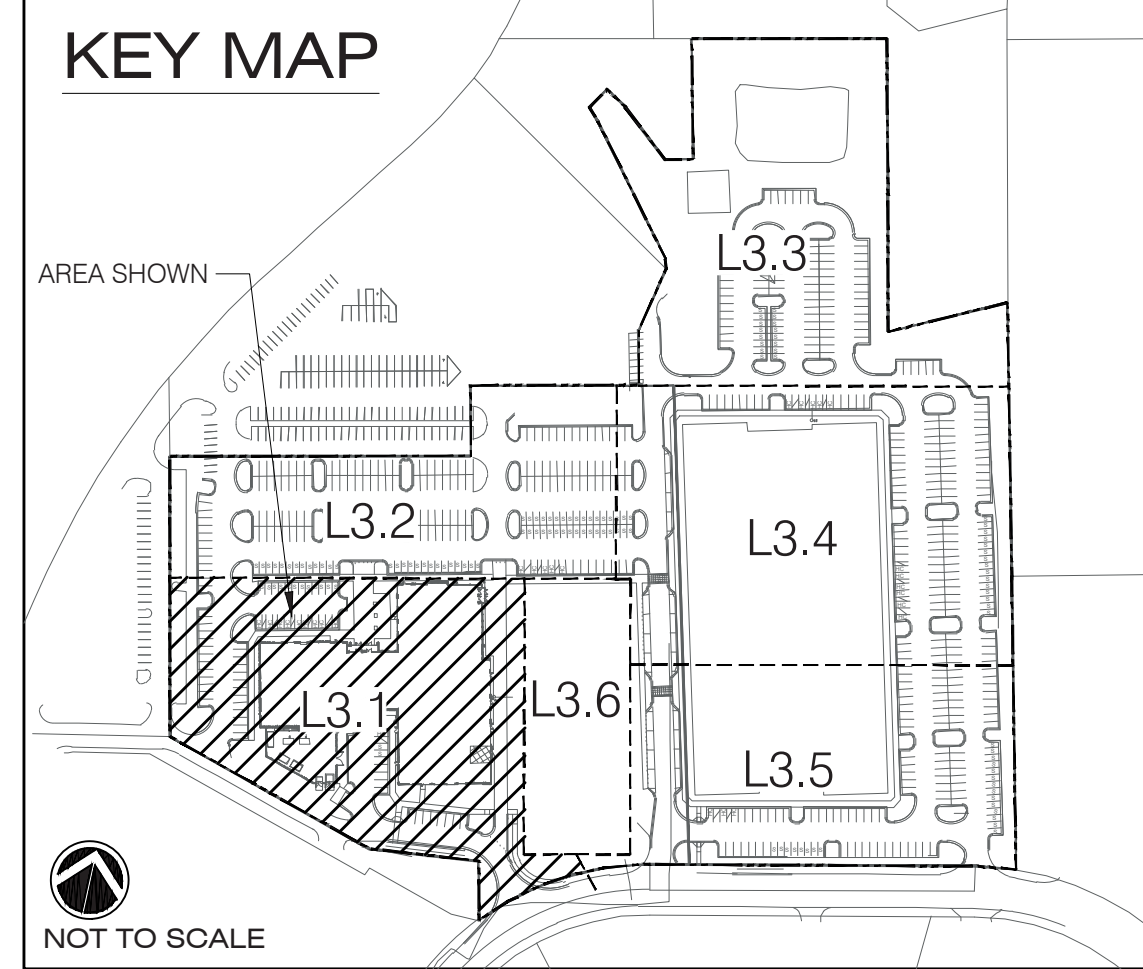
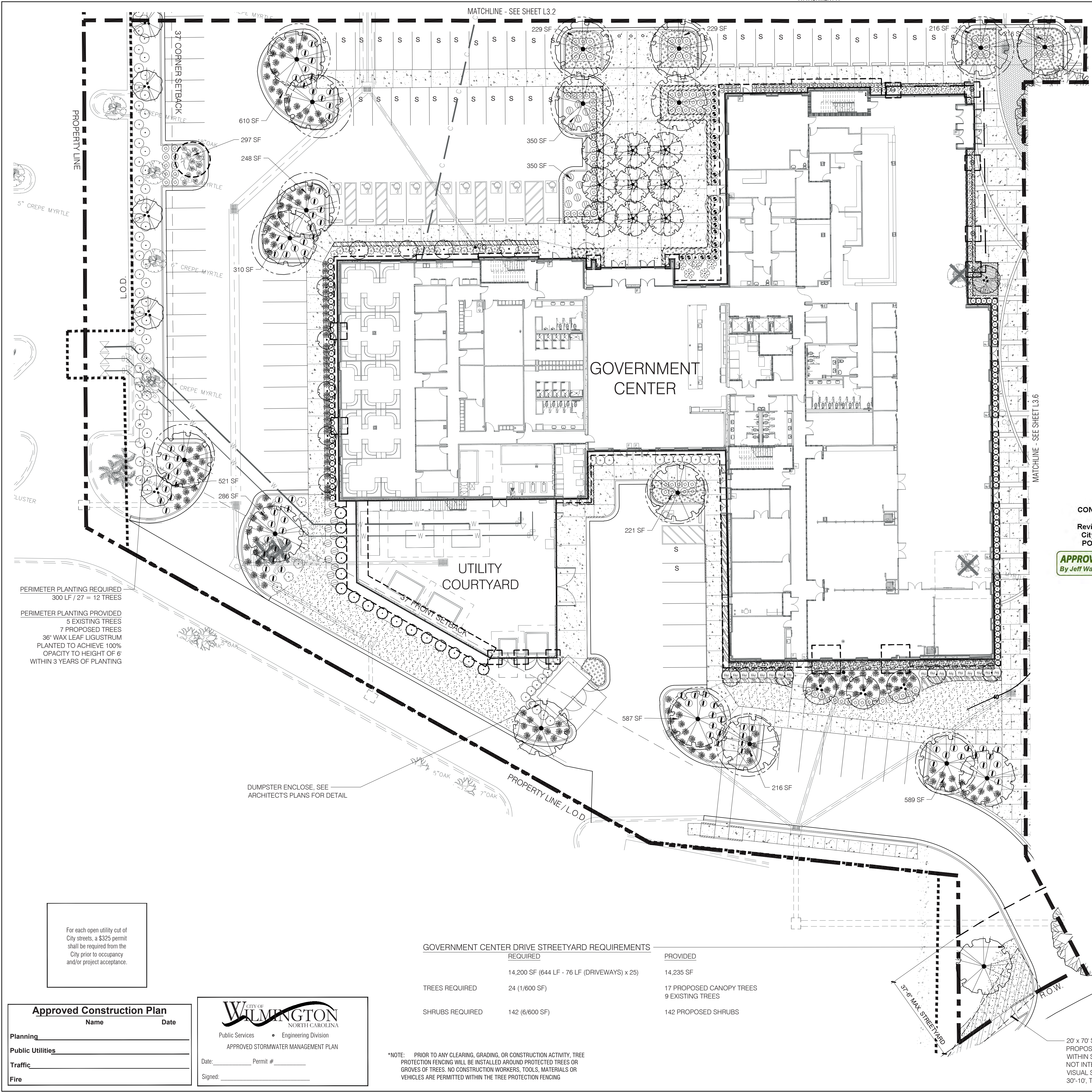
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CLIENT
GHK CAPE FEAR COMMERCIAL
1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

PROJECT
NHC GOVERNMENT PARK
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

PRICING SET

Date:	2021-08-25
Phase:	
Job Number:	400-23
Designed by:	MLD
Drawn by:	RJB
Checked by:	JWM
Sheet Title:	SITE DETAILS



PLANT SCHEDULE L3.1

TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	MIN. REQ. SIZE	QTY
	Acer palmatum / Japanese Maple FIELD SELECTED SPECIMEN (To be approved by Landscape Architect)	8 & B		8-10' HT		1
	Ilex x a. 'Eagleston' / Eagleston Holly	8&B	1.5'-2' CAL	8-10' HT		13
	Lagerstroemia l. 'Muskoegae' / Muskoegae Crepe Myrtle	8&B		8' HT		3
	Lagerstroemia x 'Natchez' / Natchez Crepe Myrtle	8 & B		2-2.5' CAL		5
	Quercus virginiana / Southern Live Oak	8 & B		3' CAL		18
	Thuja o. 'Emerald Green' / Emerald Green Arborvitae	15 GAL		5-6' HT		16
	Ulmus p. 'Emer II' / Allee Elm	8&B	4' CAL	2-2.5' CAL		9
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Aspidistra elatior / Cast Iron Plant	1 gal	15-18" HT	12" HT	64	
	Cleyera japonica / Cleyera	7 gal	36" HT		7	
	Fatsia japonica / Japanese Fatsia	7 gal	24-30" HT	12" HT	28	
	Ilex cornuta 'Burfordii Nana' / Dwarf Burford Holly	7 gal	24" HT		17	
	Ilex glabra 'Compacta' / Compact Highberry	7 gal	30-36" HT		84	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	7 gal		12" HT	103	
	Ligustrum j. 'Recurvatum' / Wax leaf Ligustrum	7 gal	36" HT	36" HT	62	
	Ligustrum japonicum / Tree Form Ligustrum	8&B	6-8' HT		6	
	Mahonia e. 'Soft Caress' / Mahonia Soft Caress	3 gal	18-24" HT	12" HT	26	
	Miscanthus s. 'Adagio' / Adagio Eclalia Grass	3 gal	18-24" HT	12" HT	24	
	Muhlenbergia capillaris / Peik Muhly	3 gal	18-24" HT	12" HT	179	
	Nandina domestica 'Harbour Dwarf' / Dwarf Heavenly Bamboo	7 gal	18-24" HT	12" HT	23	
	Podocarpus macrophyllus maki / Shrubby Yew	15 gal	5-6' HT	12" HT	10	
	Podocarpus macrophyllus 'Dwarf Pringles' / Dwarf Podocarpus	7 gal	24-36" HT	12" HT	100	
	Rosa x 'Meigajobio' / Red Drift Rose	3 gal	12-15" HT		11	
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE			
	Liriope muscari / Lily Turf	1 GAL	6-12" HT	18" o.c.	623	
	Liriope muscari 'Big Blue' / Big Blue Lilyturf	1 GAL	12-15" HT	18" o.c.	191	
	Ophiopogon japonicus / Mondo Grass	1 GAL		8" o.c.	561	
SOD/SEED	BOTANICAL / COMMON NAME	CONT	SIZE			
	Zoysia japonica 'Crown' / Korean Grass	sod				

APPROVED CONSTRUCTION PLAN
 Date: 3/26/21
 Revised plans: 10/20/22
 City SW# 2021013R1
 PO, BM, CW, RC, MB

APPROVED
 By Jeff Walton at 3:11 pm, Oct 18, 2022

PERIMETER PLANTING REQUIRED
 300 LF / 27 = 12 TREES

PERIMETER PLANTING PROVIDED
 5 EXISTING TREES
 7 PROPOSED TREES
 36" WAX LEAF LIGUSTRUM
 PLANTED TO ACHIEVE 100%
 OPAQITY TO HEIGHT OF 6'
 WITHIN 3 YEARS OF PLANTING

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

Name _____ Date _____

Planning _____

Public Utilities _____

Traffic _____

Fire _____

CITY OF WILMINGTON
 NORTH CAROLINA

Public Services • Engineering Division

APPROVED STORMWATER MANAGEMENT PLAN

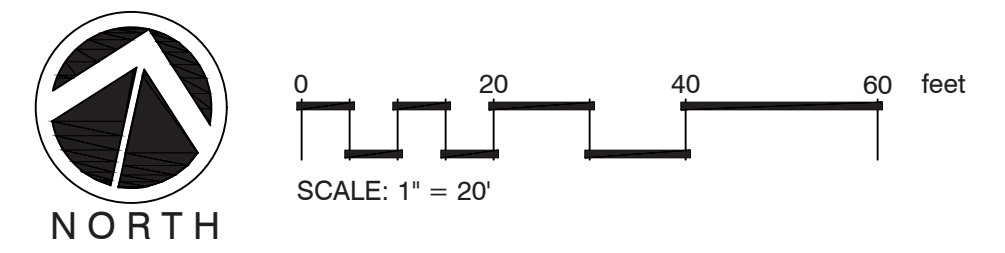
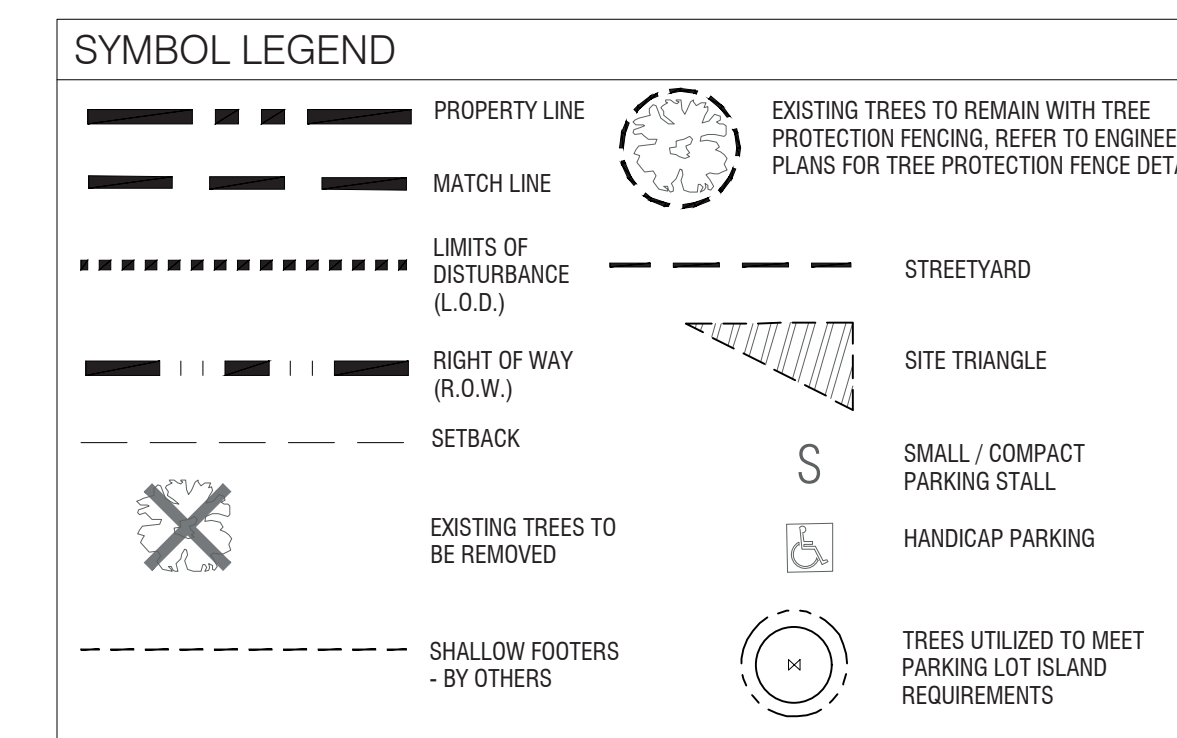
Date: _____ Permit # _____

Signed: _____

GOVERNMENT CENTER DRIVE STREETYARD REQUIREMENTS

	REQUIRED	PROVIDED
	14,200 SF (644 LF - 76 LF (DRIVEWAYS) x 25)	14,235 SF
TREES REQUIRED	24 (1/600 SF)	17 PROPOSED CANOPY TREES 9 EXISTING TREES
SHRUBS REQUIRED	142 (6/600 SF)	142 PROPOSED SHRUBS

*NOTE: PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING



MIHALY
 LAND DESIGN

PLANNING + LANDSCAPE ARCHITECTURE
 330 MILITARY CUTOFF RD., Suite A3
 WILMINGTON, NC 28405 910.392.4335

Revisions

2022-04-29: REVISE PER BUILDING FOOTERS FOR PARK AREA
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CLIENT

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 WILMINGTON, NC

PROJECT

NHC GOVERNMENT CENTER
 230 GOVERNMENT CENTER DR
 WILMINGTON, NC
 LANDSCAPE PLANS

PRICING SET

Date: 2021-08-25

Phase: _____

Job Number: 400-23

Designed by: MLD

Drawn by: RJB

Checked by: JWM

Sheet Title: PLANTING PLAN

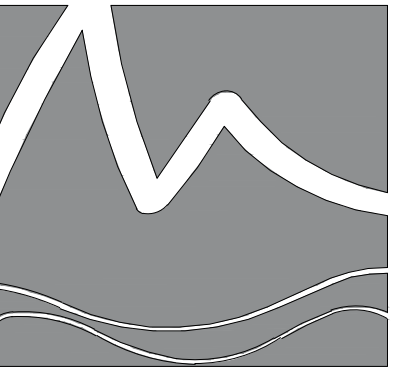
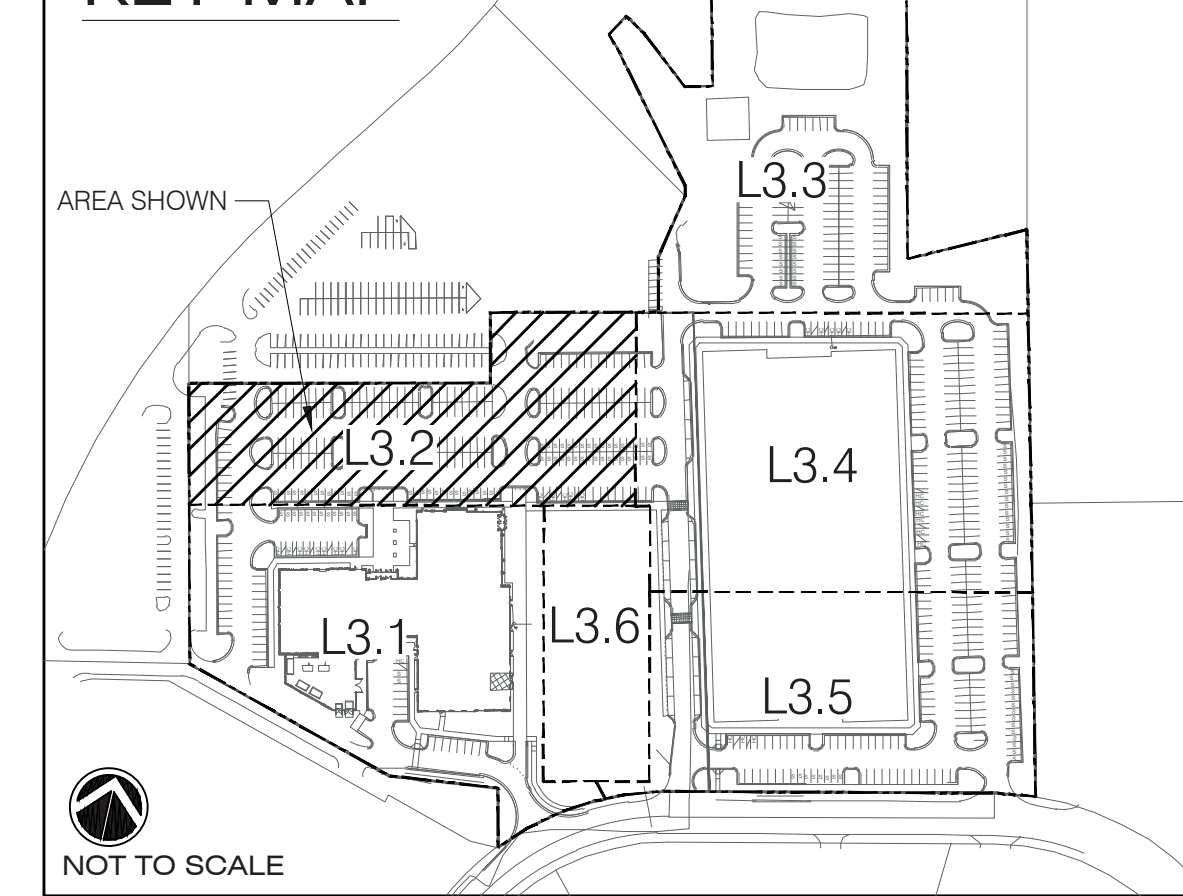
Sheet Number: **L3.1**
 of 19 sheets

PLANT SCHEDULE L3.2

TREES	BOTANICAL / COMMON NAME	CONT	CAL	MIN. REQ. SIZE	QTY
	Betula nigra / River Birch "Duraheat"	B & B		2-2.5" CAL.	8
	Lagerstroemia x "Natchez" / Natchez Crape Myrtle	B & B		2-2.5" CAL.	2
	Quercus virginiana / Southern Live Oak	B & B		3" CAL.	12
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
	Ilex vomitoria "Nana" / Dwarf Yaupon	7 gal		12" HT	106
	Ligustrum j. "Recurvifolium" / Wax leaf ligustrum	7 gal	36" HT	36" HT	32
	Miscanthus s. "Adagio" / Adagio Eulalia Grass	3 gal	18-24" HT	12" HT	60
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	12" HT	122
	Rosa x "Meigalpio" / Red Drift Rose	3 gal		12-15" HT	10

NOTE:
- IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.

KEY MAP



MIHALY
LAND DESIGN
PLANNING + LANDSCAPE ARCHITECTURE
330 MILITARY CUTOFF RD., Suite A3
Wilmington, NC 28405 910.392.4335

Revisions

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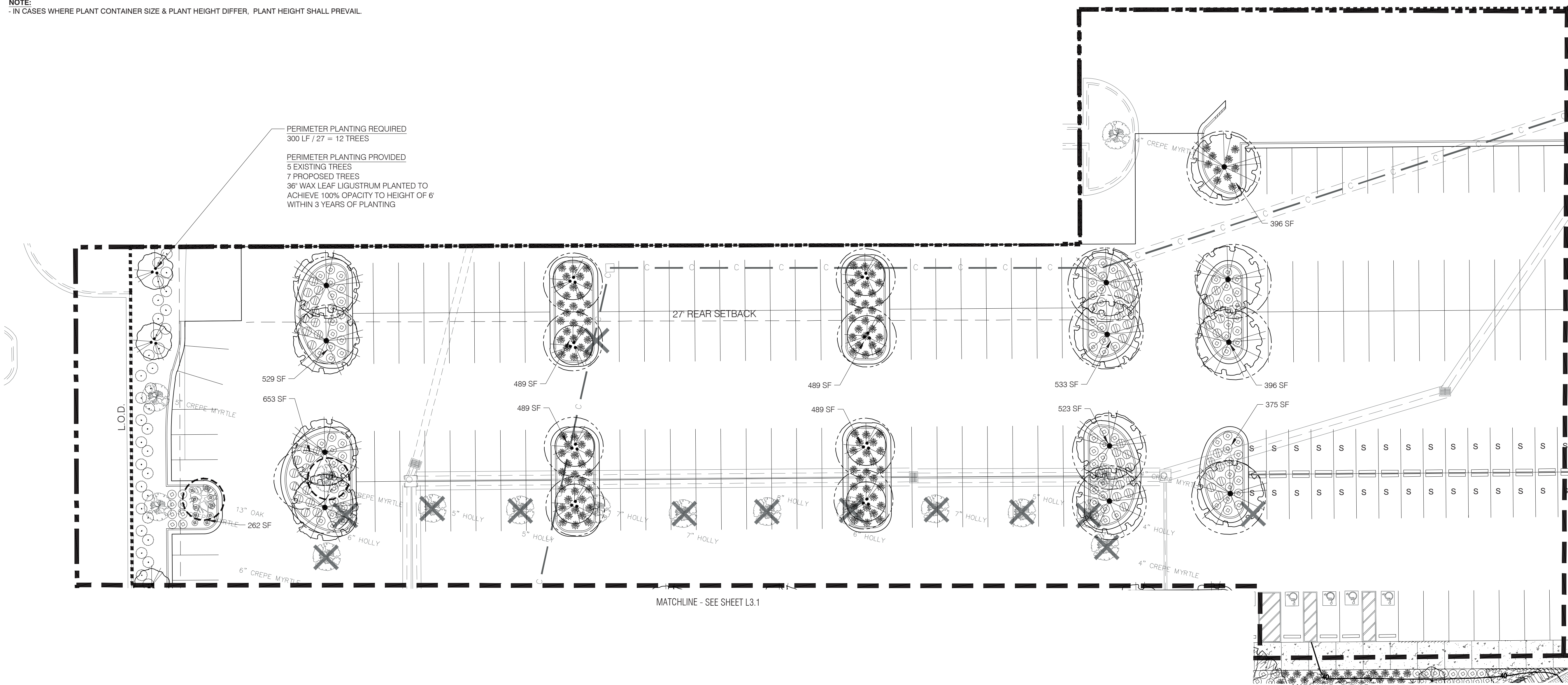
PROJECT
NHC GOVERNMENT CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
Checked by: JWM
Sheet Title: PLANTING PLAN

Sheet Number:
L3.2
of 19 sheets

PROPERTY LINE / L.O.D.



APPROVED CONSTRUCTION PLAN
Date: 3/26/21
Revised plans: 10/20/22
City SW# 2021013R1
PO, BM, CW, RC, MB

APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

Name _____ Date _____

Planning _____

Public Utilities _____

Traffic _____

Fire _____

CITY OF WILMINGTON
NORTH CAROLINA

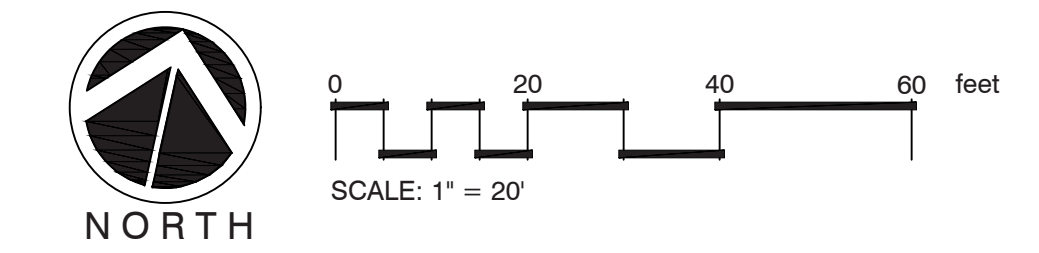
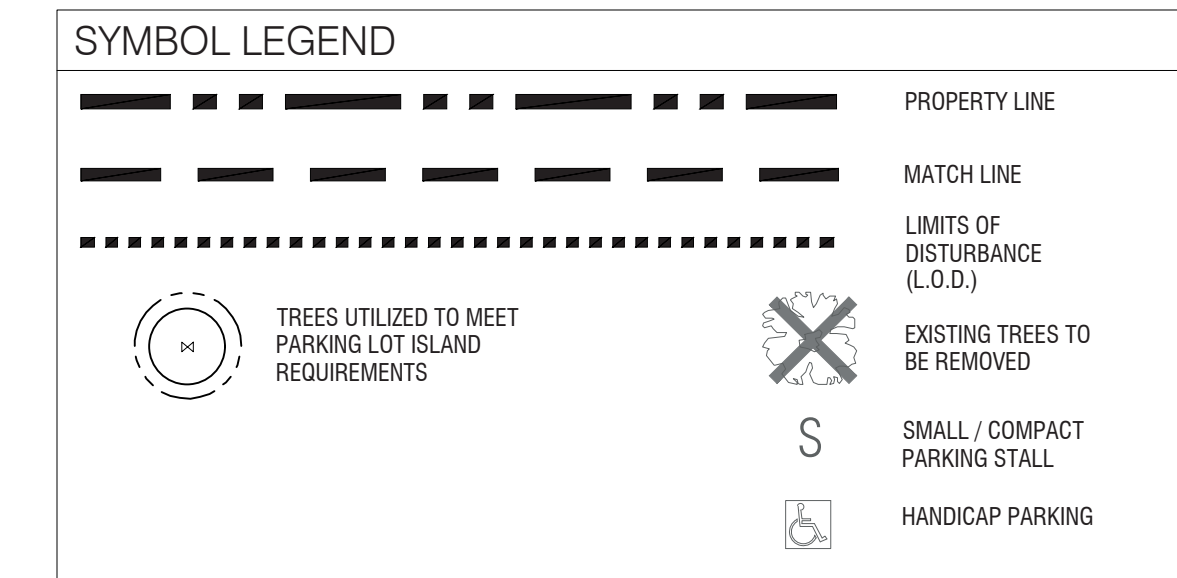
Public Services • Engineering Division

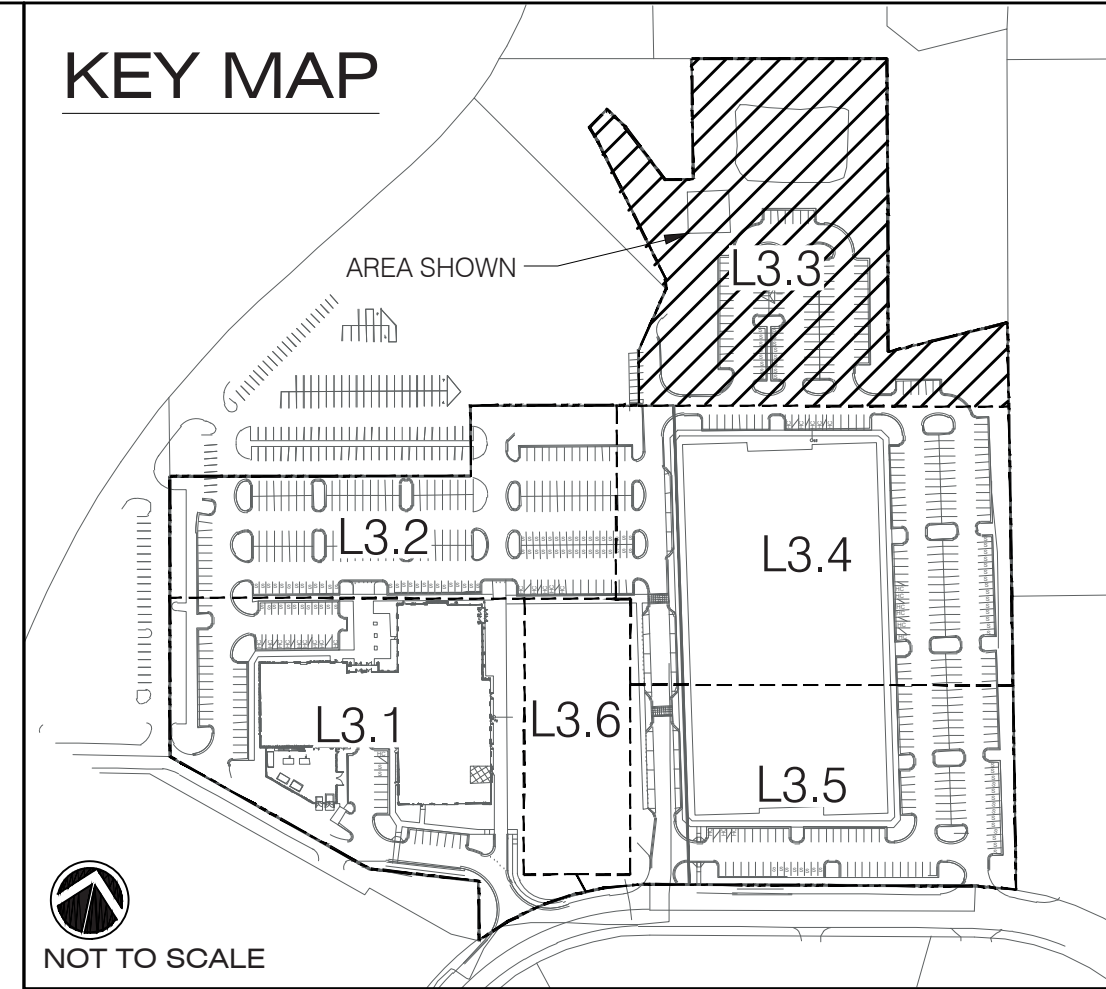
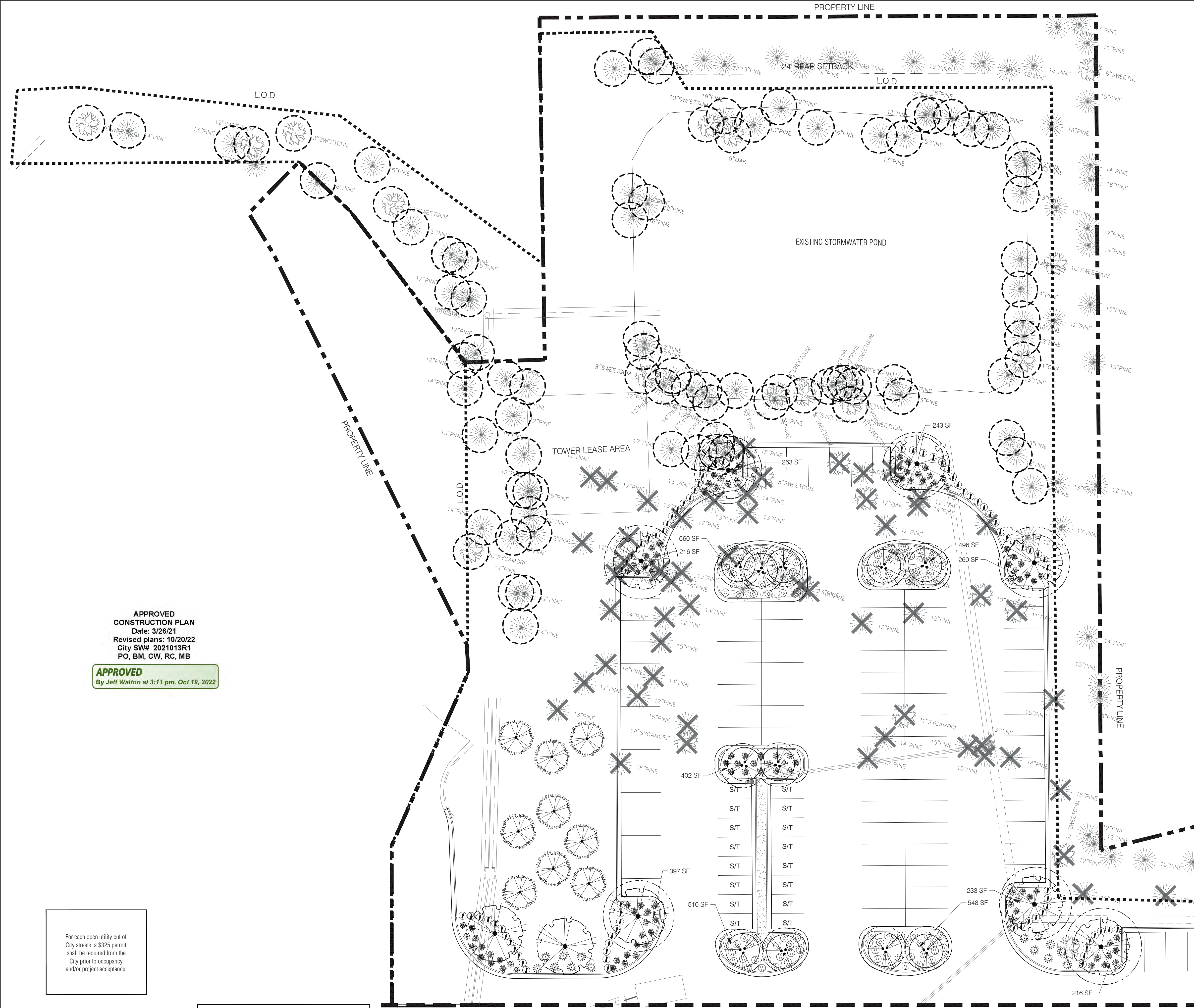
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____

Signed: _____

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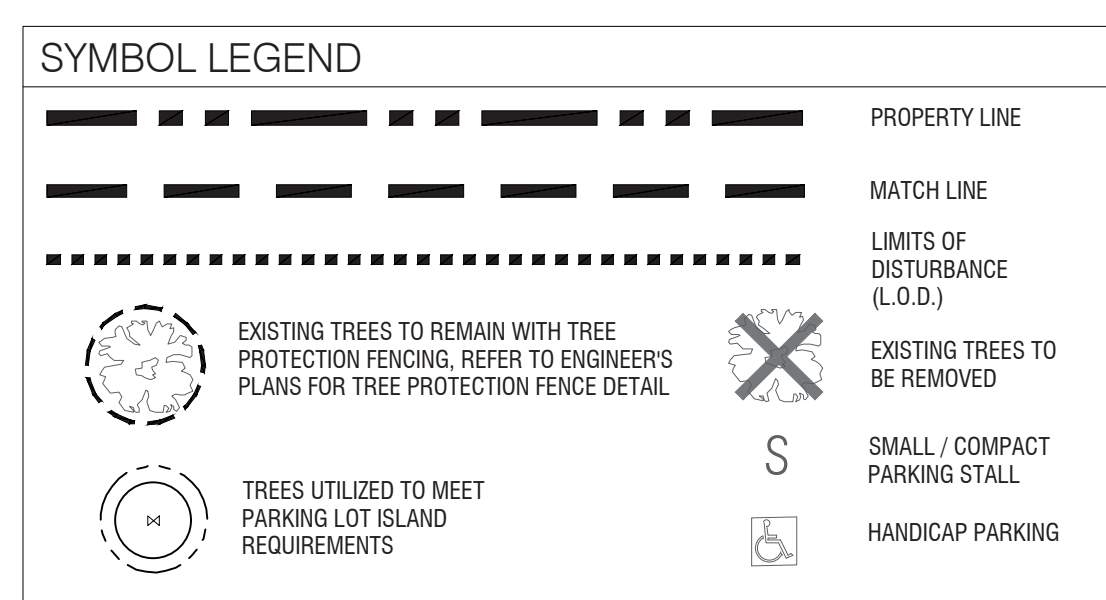




PLANT SCHEDULE L3.3

TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	MIN. REQ. SIZE	QTY
	Betula nigra / River Birch 'Durahat'	8 & B			2-2.5' CAL	11
	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	8 & B			2-2.5' CAL	4
	Pinus palustris / Longleaf Pine	8 & B		8-10' HT	2-2.5' CAL	9
	Quercus virginiana / Southern Live Oak	8 & B			3' CAL	11
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Ilex glabra 'Compacta' / Compact Inkberry	7 gal	30-36" HT		97	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	7 gal		12" HT	44	
	Ligustrum j. 'Recurvifolium' / Wax leaf ligustrum	7 gal	36" HT	36" HT	27	
	Miscanthus s. 'Adagio' / Adagio Eulalia Grass	3 gal	18-24" HT	12" HT	53	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	12" HT	111	
	Sabal minor / Dwarf Palmetto	7 gal	24-36" HT		14	
SOD/SEED	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY	
	Zoysia japonica 'Crownie' / Korean Grass	sod				

NOTE:
- IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.



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Approved Construction Plan

Name	Date
Planning	
Public Utilities	
Traffic	
Fire	

CITY OF WILMINGTON
NORTH CAROLINA

Public Services • Engineering Division

APPROVED STORMWATER MANAGEMENT PLAN

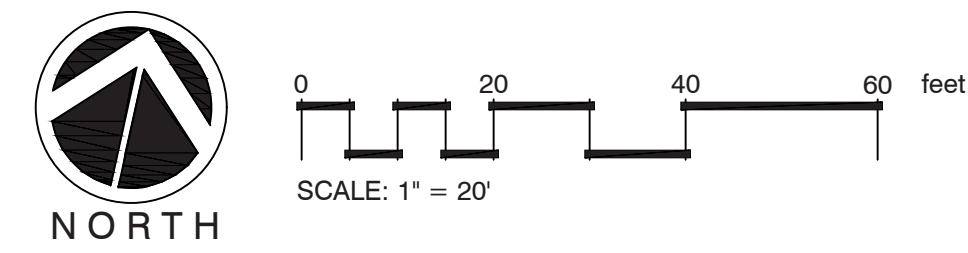
Date: _____ Permit # _____

Signed: _____

*NOTE: PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING

PERIMETER PLANTING REQUIRED
676 LF / 27 = 25 TREES

PERIMETER PLANTING PROVIDED
25 PROPOSED TREES
36" WAX LEAF LIGUSTRUM PLANTED TO ACHIEVE 100% OPACITY TO HEIGHT OF 6' WITHIN 3 YEARS OF PLANTING



MIHALY
LAND DESIGN
PLANNING + LANDSCAPE ARCHITECTURE
330 MILITARY CUTOFF RD., Suite A3
Wilmington, NC 28405 910.392.4355

Revisions

2022-04-29: REVISE PER BUILDING FOOTERS FOR PARK AREA
2022-08-17: ADD IMPERVIOUS CALCULATIONS
2022-08-30: REVISED GRADING & SECTION PER ENGINEER COMMENTS
2022-09-21: REVISED PER MEETING COMMENTS

CLIENT
GHK CAPE FEAR COMMERCIAL
1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

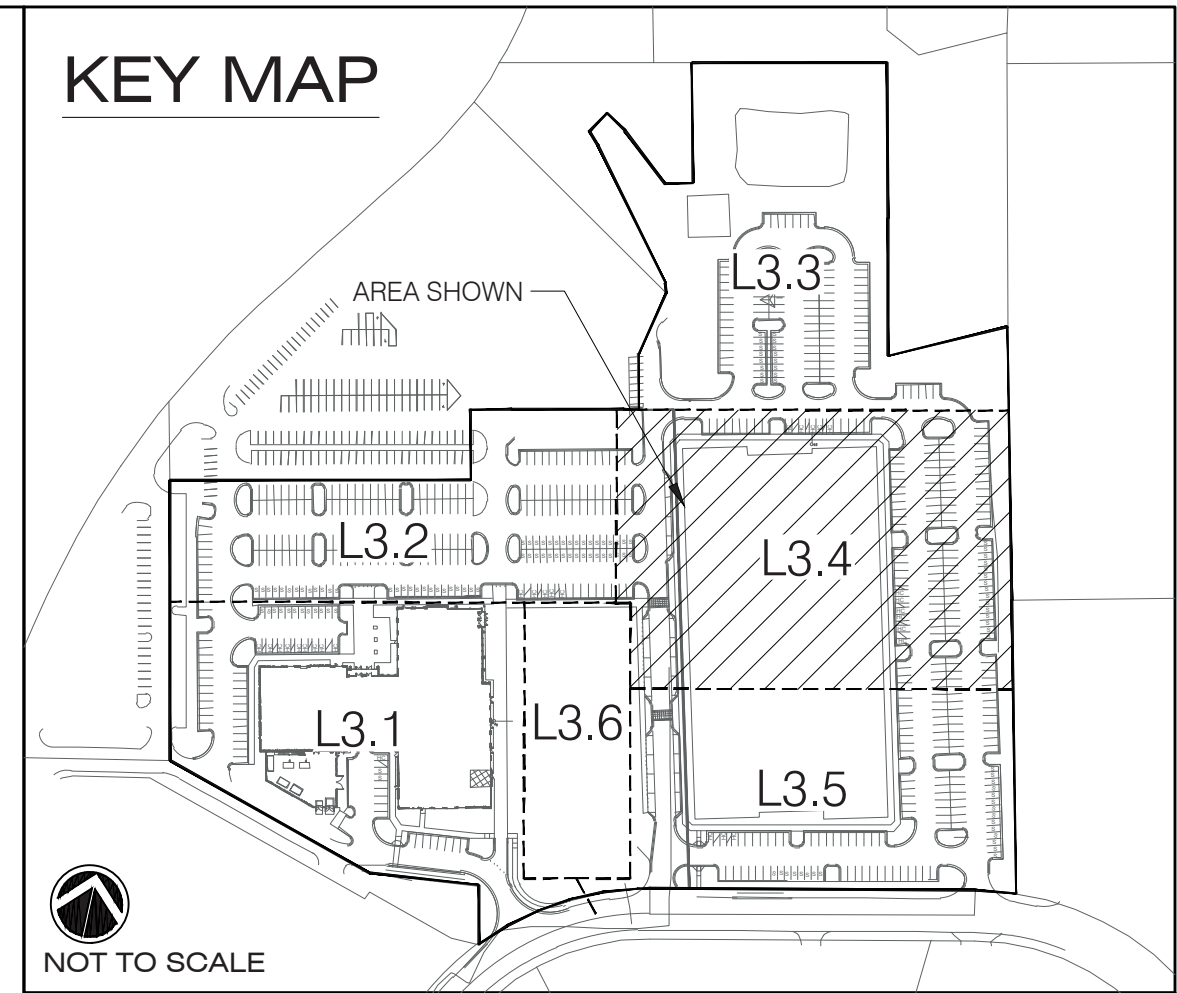
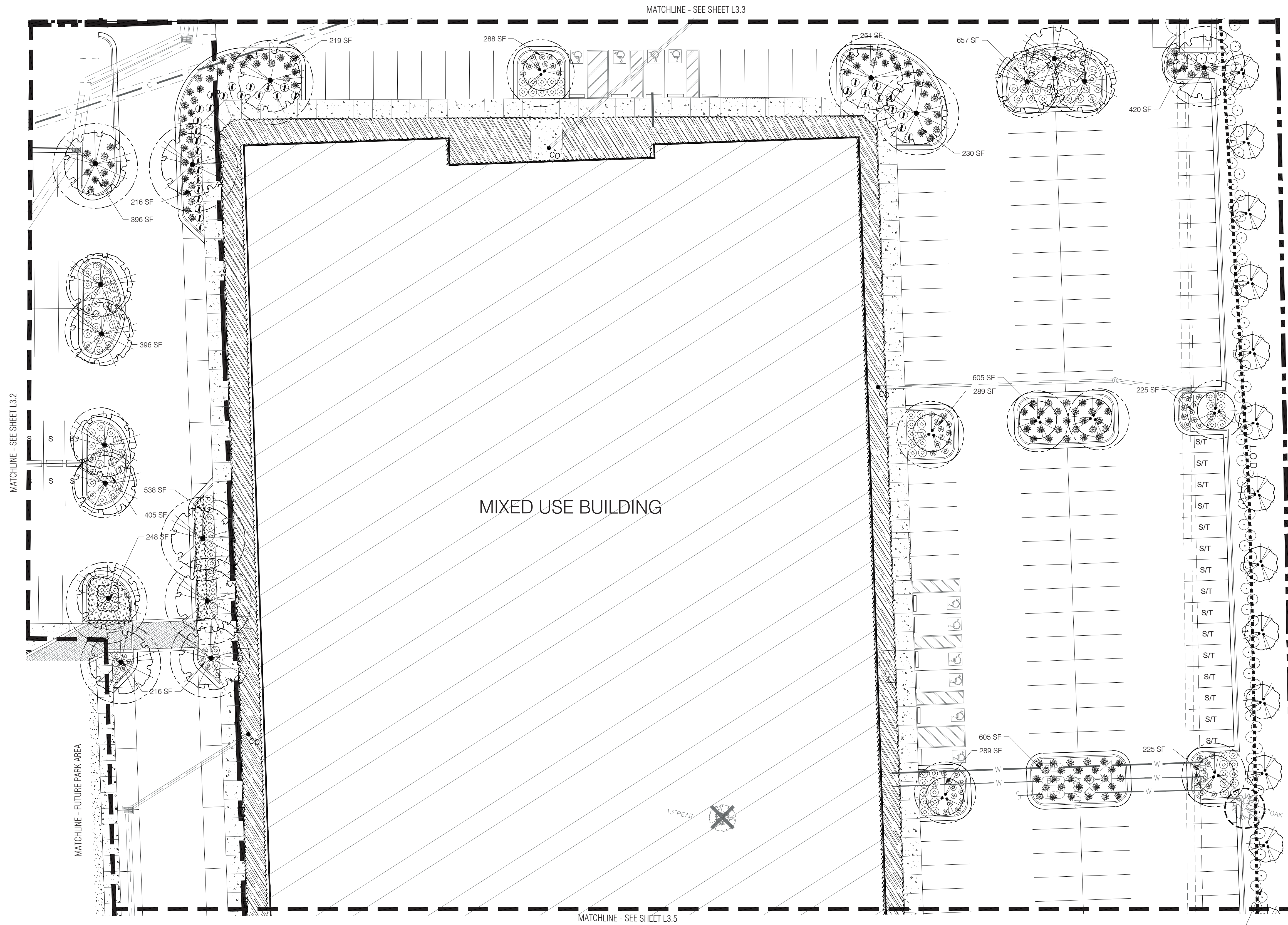
PROJECT
NHC GOVERNMENT CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
Checked by: JWM

Sheet Title:
PLANTING PLAN

Sheet Number:
L3.3
of 19 sheets



PLANT SCHEDULE L3.4

TREES	BOTANICAL / COMMON NAME	CONT	CAL	MIN. REQ. SIZE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B		2-2.5' CAL.	7
	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	B & B		2-2.5' CAL.	12
	Quercus virginiana / Southern Live Oak	B & B		3" CAL.	18
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
	Ilex glabra 'Compacta' / Compact Inkberry	7 gal	30-36" HT		34
	Ilex vomitoria 'Nana' / Dwarf Yaupon	7 gal		12" HT	127
	Ligustrum j. 'Recurvifolium' / Wax leaf ligustrum	7 gal	36" HT	36" HT	87
	Miscanthus s. 'Adagio' / Adagio Eulalia Grass	3 gal	18-24" HT	12" HT	29
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	12" HT	132
	Rosa x 'Meigalpio' / Red Drift Rose	3 gal	12-15" HT		59
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
	Liriope muscari / Lily Turf	1 GAL	6-12" HT	18" o.c.	171
	Liriope muscari 'Big Blue' / Big Blue Lilyturf	1 GAL	12-15" HT	18" o.c.	51,935

NOTE:
- IN CASES WHERE PLANT CONTAINER SIZE & PLANT HEIGHT DIFFER, PLANT HEIGHT SHALL PREVAIL.

APPROVED CONSTRUCTION PLAN
Date: 3/26/21
Revised plans: 10/20/22
City SW# 2021013R1
PO, BM, CW, RC, MB

APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

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Approved Construction Plan

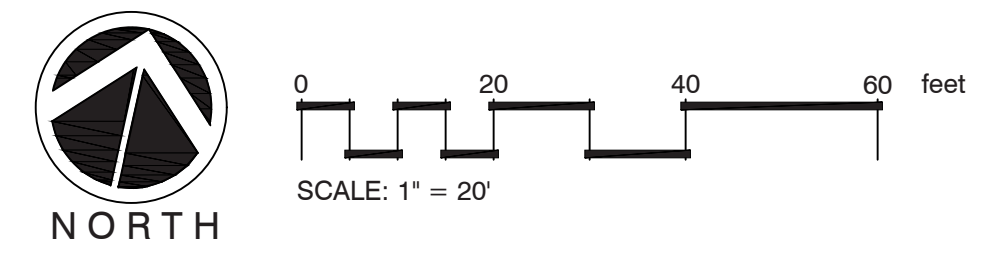
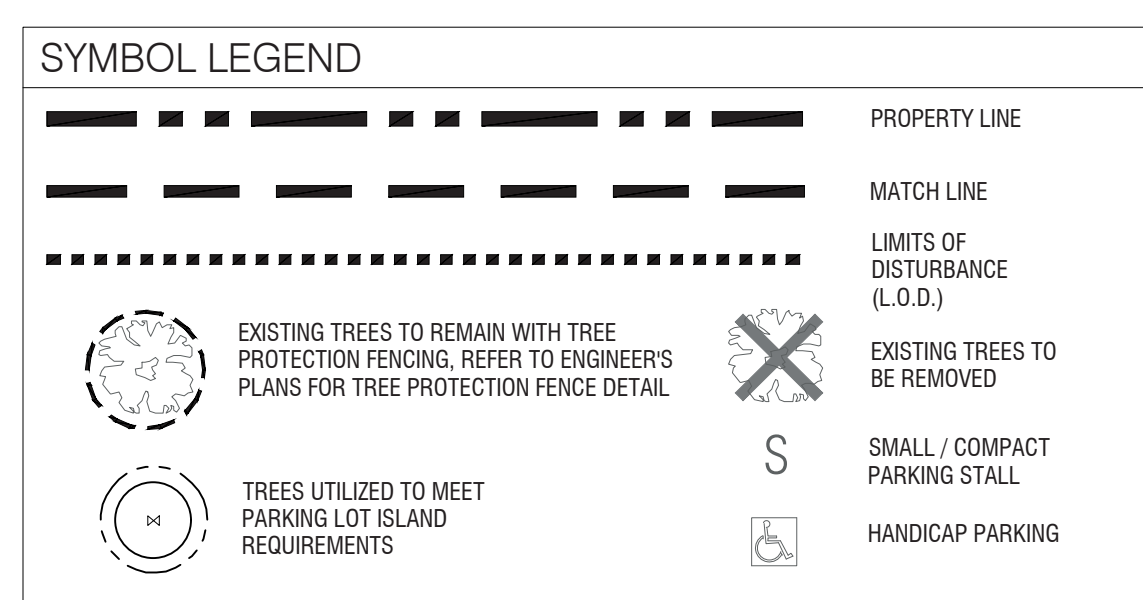
Name _____ Date _____

Planning _____
Public Utilities _____
Traffic _____
Fire _____

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____
Signed: _____

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GHK CAPE FEAR COMMERCIAL
1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

PROJECT
NHC GOVERNMENT CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

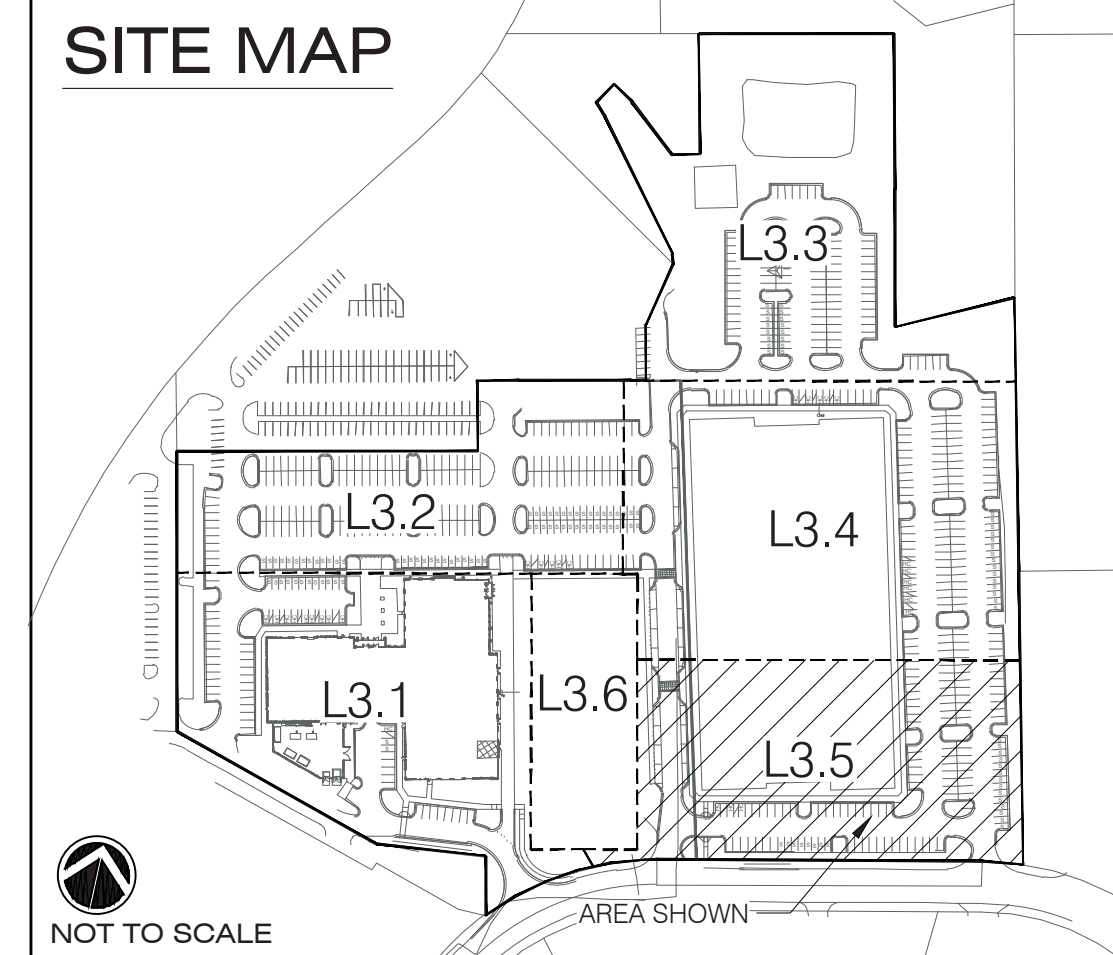
PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
Checked by: JWM
Sheet Title: PLANTING PLAN
Sheet Number:
L3.4
of 19 sheets

TREES	BOTANICAL / COMMON NAME	CONT	CAL	MIN. REQ. SIZE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B		2-2.5' CAL.	6
	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	B & B		2-2.5' CAL.	9
	Quercus nuttallii / Nuttall Oak	B & B	1-1.5' CAL		5
	Quercus virginiana / Southern Live Oak	B & B		3" CAL	14

SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE	MIN. REQ. SIZE	QTY
	Ilex glabra 'Compacta' / Compact Inkberry	7 gal	30-36" HT		27
	Ilex vomitoria 'Nana' / Dwarf Yaupon	7 gal		12" HT	56
	Ligustrum j. 'Recurvifolium' / Wax leaf ligustrum	7 gal	36" HT	36" HT	123
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	12" HT	75
	Rhaphiolepis x 'Montic' / MB Indian Hawthorn	7 gal	24-30" HT	12" HT	41

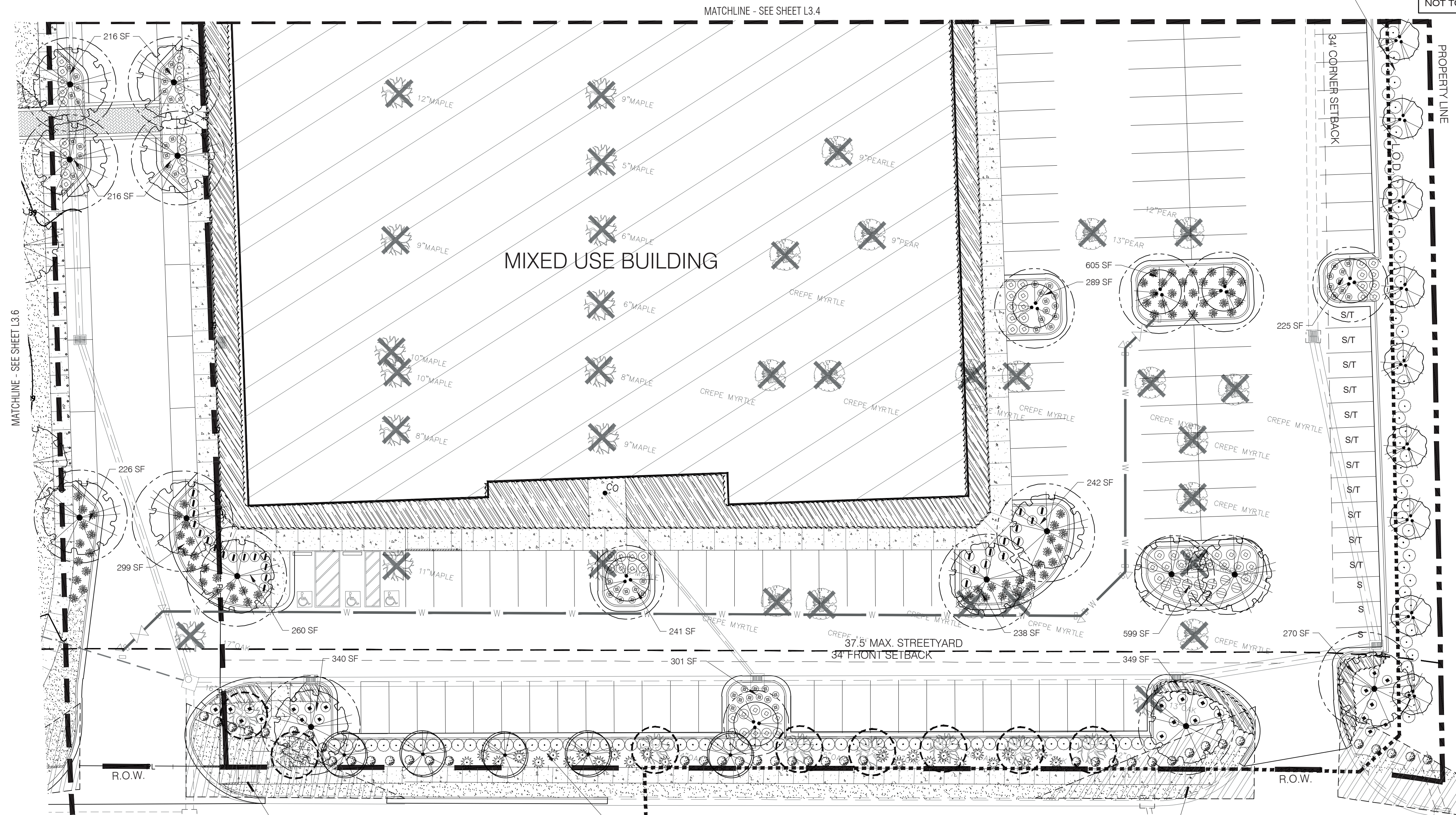
ATTACHMENT A						
	Rosa x 'Knockout' TM / Rose	3 gal	18-24" HT	12" HT		25
	Rosa x 'Meigalpio' / Red Drift Rose	3 gal	12-15" HT			60
	Sabal minor / Dwarf Palmetto	7 gal	24-36" HT	12" HT		25
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE			
	Liriope muscari 'Big Blue' / Big Blue Lilyturf	1 GAL	12-15" HT		18" o.c.	181
SOD/SEED	BOTANICAL / COMMON NAME	CONT	SIZE			
	Zoysia japonica 'Crown' / Korean Grass	sod				



NOTE:
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Date: 3/26/21
Revised plans: 10/20/22
City SW# 2021013R1
PO, BM, CW, RC, MB

APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

20' x 70' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL

20' x 70' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL

GOVERNMENT CENTER DRIVE STREETYARD REQUIREMENTS

	REQUIRED	PROVIDED
TREES REQUIRED	24 (1/600 SF)	17 PROPOSED CANOPY TREES 9 EXISTING TREES
SHRUBS REQUIRED	142 (6/600 SF)	142 PROPOSED SHRUBS

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SYMBOL LEGEND		
	PROPERTY LINE	
	MATCH LINE	
	LIMITS OF DISTURBANCE (L.O.D.)	
	RIGHT OF WAY (R.O.W.)	
	EXISTING TREES TO BE REMOVED	
	TREES UTILIZED TO MEET PARKING LOT ISLAND REQUIREMENTS	
	STREETYARD	
	SITE TRIANGLE	
	SMALL / COMPACT PARKING STALL	
	HANDICAP PARKING	



0 20 40 60 feet
SCALE: 1" = 20'

Approved Construction Plan

Name _____ Date _____

Planning _____

Public Utilities _____

Traffic _____

Fire _____

CITY OF WILMINGTON
NORTH CAROLINA

Public Services • Engineering Division

APPROVED STORMWATER MANAGEMENT PLAN

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1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

PROJECT
NHC GOVERNMENT CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

PRICING SET

Date: 2021-08-25

Phase: _____

Job Number: 400-23

Designed by: MLD

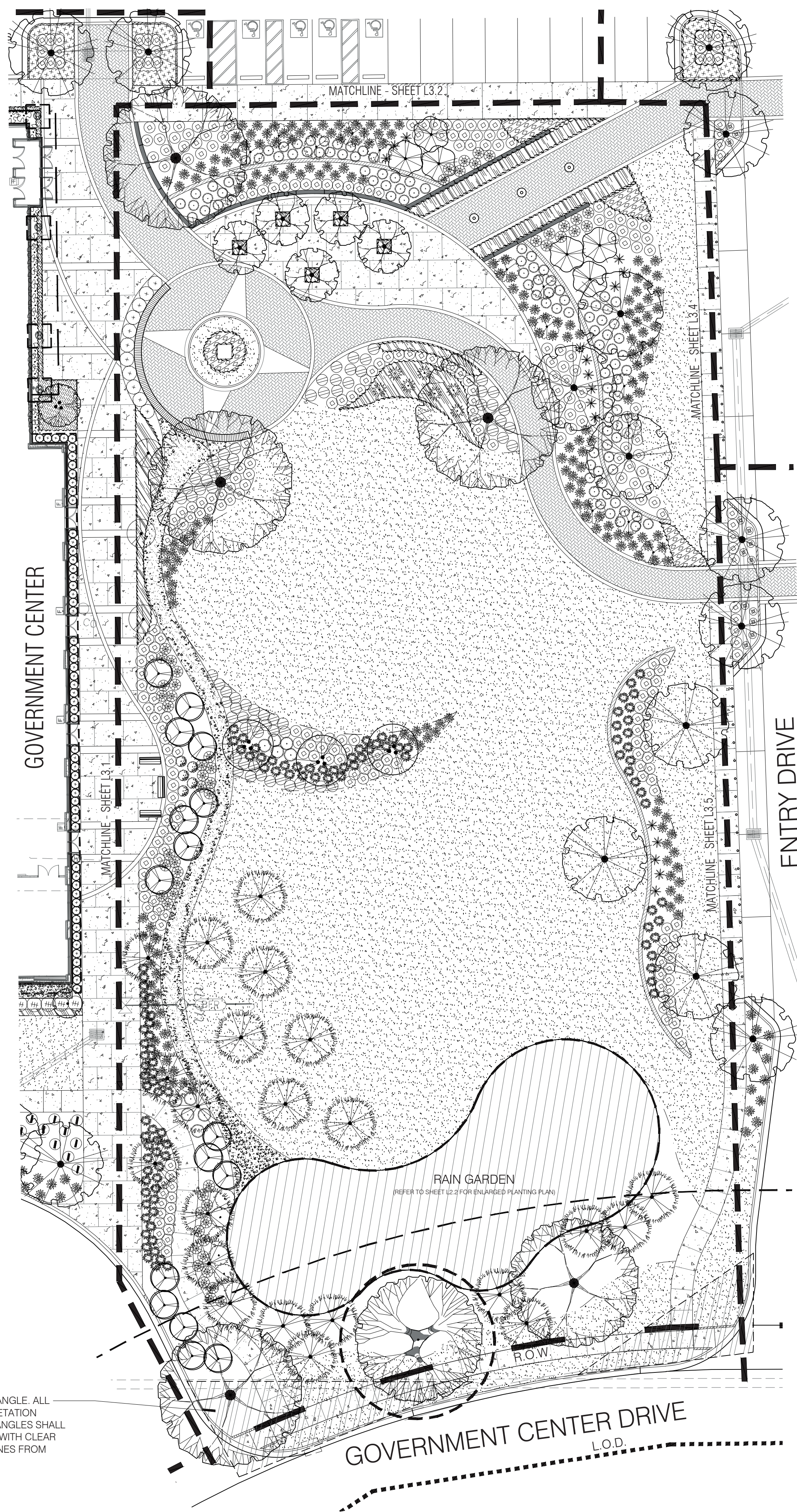
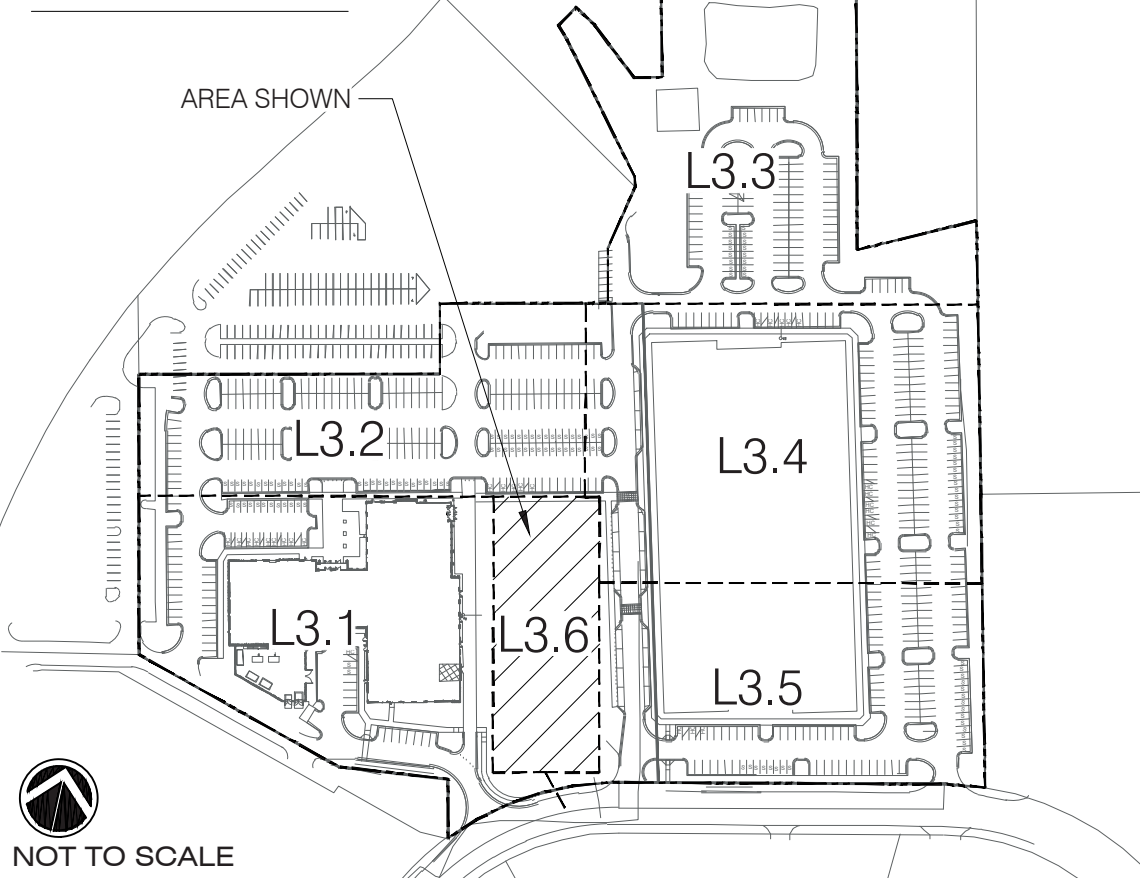
Drawn by: RJB

Checked by: JWM

Sheet Title: PLANTING PLAN

Sheet Number:
L3.5
of 19 sheets

KEY MAP



20' x 70' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL.

APPROVED CONSTRUCTION PLAN
Date: 3/26/21
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City SW# 2021013R1
PO, BM, CW, RC, MB

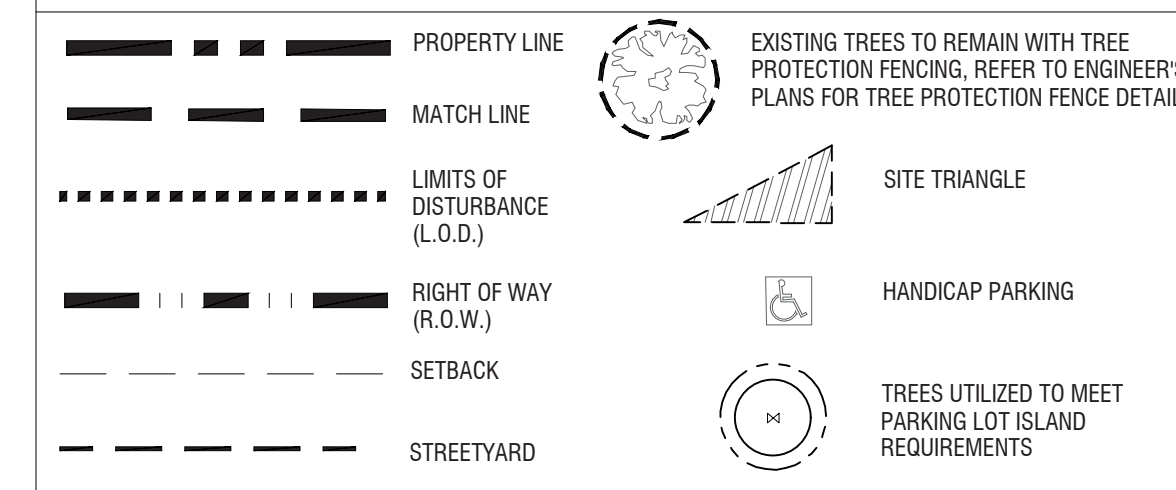
APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

PLANT SCHEDULE L3.6

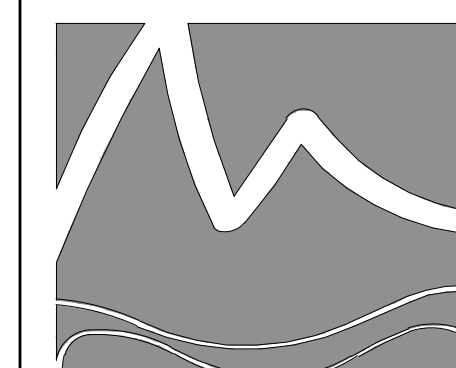
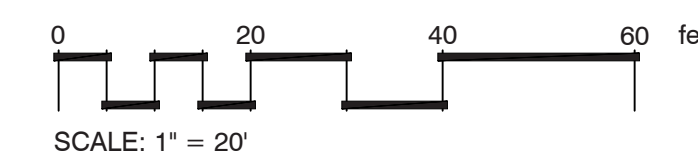
TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	MIN. REQ. SIZE	QTY
	Betula nigra / River Birch 'Duraheat'	8 & B			2-2.5' CAL.	3
	Juniperus virginiana / Eastern Red Cedar	8 & B		6-7' HT		16
	Magnolia g. 'Little Gem' / Dwarf Southern Magnolia	8 & B	2' CAL	7-8' HT		6
	Pinus palustris / Longleaf Pine	8 & B		8-10' HT	2-2.5' CAL.	22
	Quercus virginiana / Southern Live Oak SPECIMEN TREE FIELD SELECTED	8 & B	6' CAL.			5
	Quercus virginiana / Southern Live Oak	8 & B			2' CAL	6
	Ulmus p. 'Emer II' / Allee Elm	8&B	2' CAL	12-14' HT	2-2.5' CAL	5
SHRUBS	BOTANICAL / COMMON NAME	CONT	SIZE		MIN. REQ. SIZE	QTY
	Buddleja davidii / Butterfly Bush	3 gal	24-36" HT			10
	Cortaderia selloana / Dwarf Pampas Grass	3 gal	24-30" HT			17
	Ilex vomitoria / Yaupon Holly	25 gal	7-8' HT			14
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	15-18" HT		12" HT	283
	Itea virginica 'Henry's Garnet' / Henry's Garnet Sweetspire	3 gal	18-24" HT			55
	Ligustrum japonicum / Tree Form Ligustrum	8&B	6-8' HT			3
	Miscanthus s. 'Adagio' / Adagio Eulalia Grass	3 gal	18-24" HT		12" HT	70
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT			192
	Myrica cerifera / Wax Myrtle	3 gal	24-36" HT			6
	Panicum virgatum 'Heavy Metal' / Heavy Metal Switch Grass	3 gal	12-18" HT			101
	Panicum virgatum 'Northwind' / Northwind Switch Grass	3 gal	24-30" HT			113
	Podocarpus macrophyllus makii / Shrubby Yew	7 gal	3-4' HT		12" HT	11
	Rhaphiolepis x 'Montic' / MB Indian Hawthorn	7 gal	24-30" HT		12" HT	5
	Sabal minor / Dwarf Palmetto	3 gal	24-36" HT		12" HT	7
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SIZE			
	Liriope gigantea / Giant Liriope	1 GAL	12-18" HT		12" o.c.	791
	Perennial & Annual Color	--				295 sf
	Trachelospermum a. 'Asiatic' / Asiatic Jasmine	1 gal	12-18" HT		18" o.c.	143
SOD/SEED	BOTANICAL / COMMON NAME	CONT	SIZE			
	Zoysia japonica 'Crownie' / Korean Grass	sod				

NOTE:
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SYMBOL LEGEND



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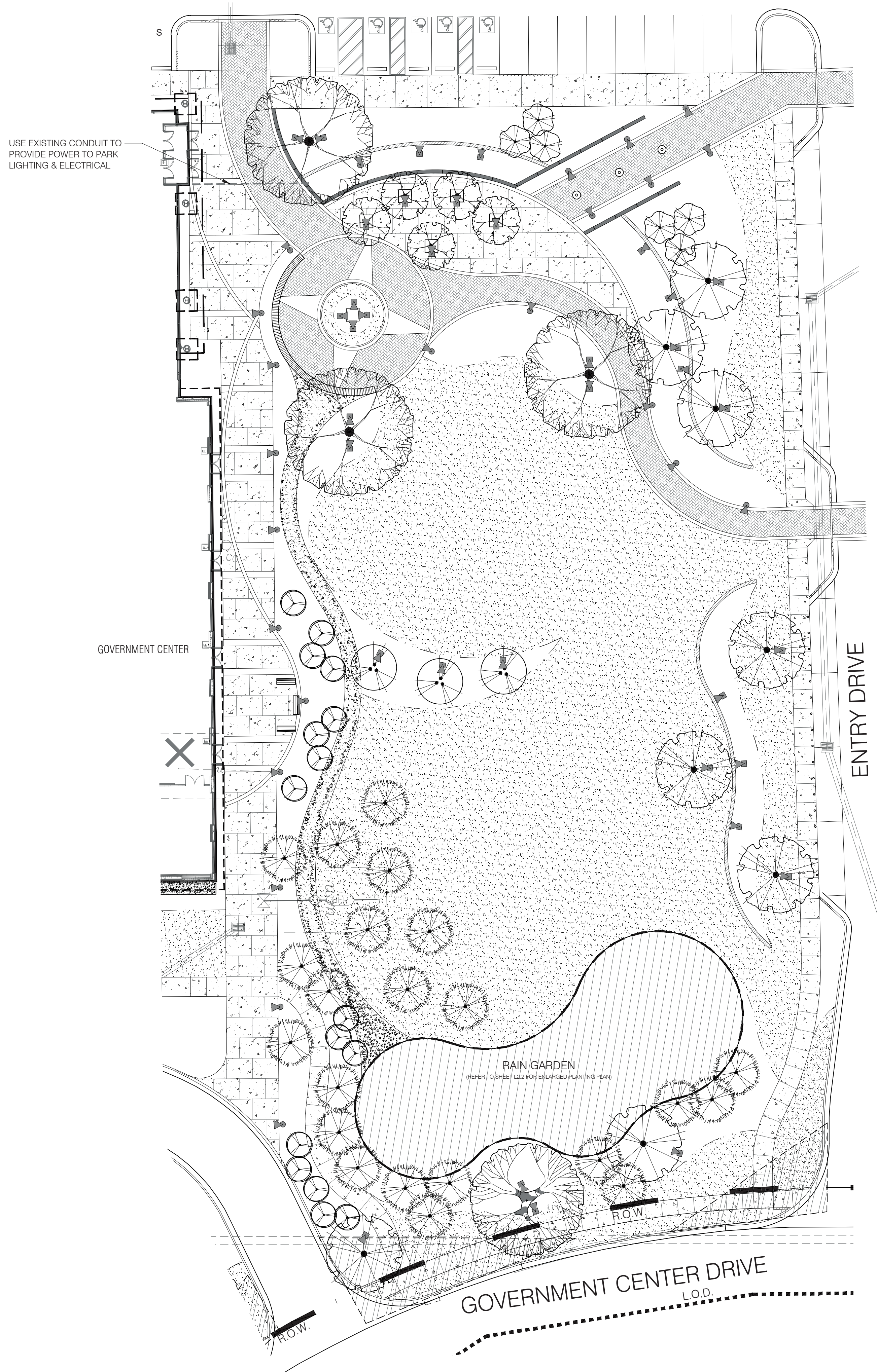
CLIENT
GHK CAPE FEAR COMMERCIAL
1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

PROJECT
NHC GOVERNMENT CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

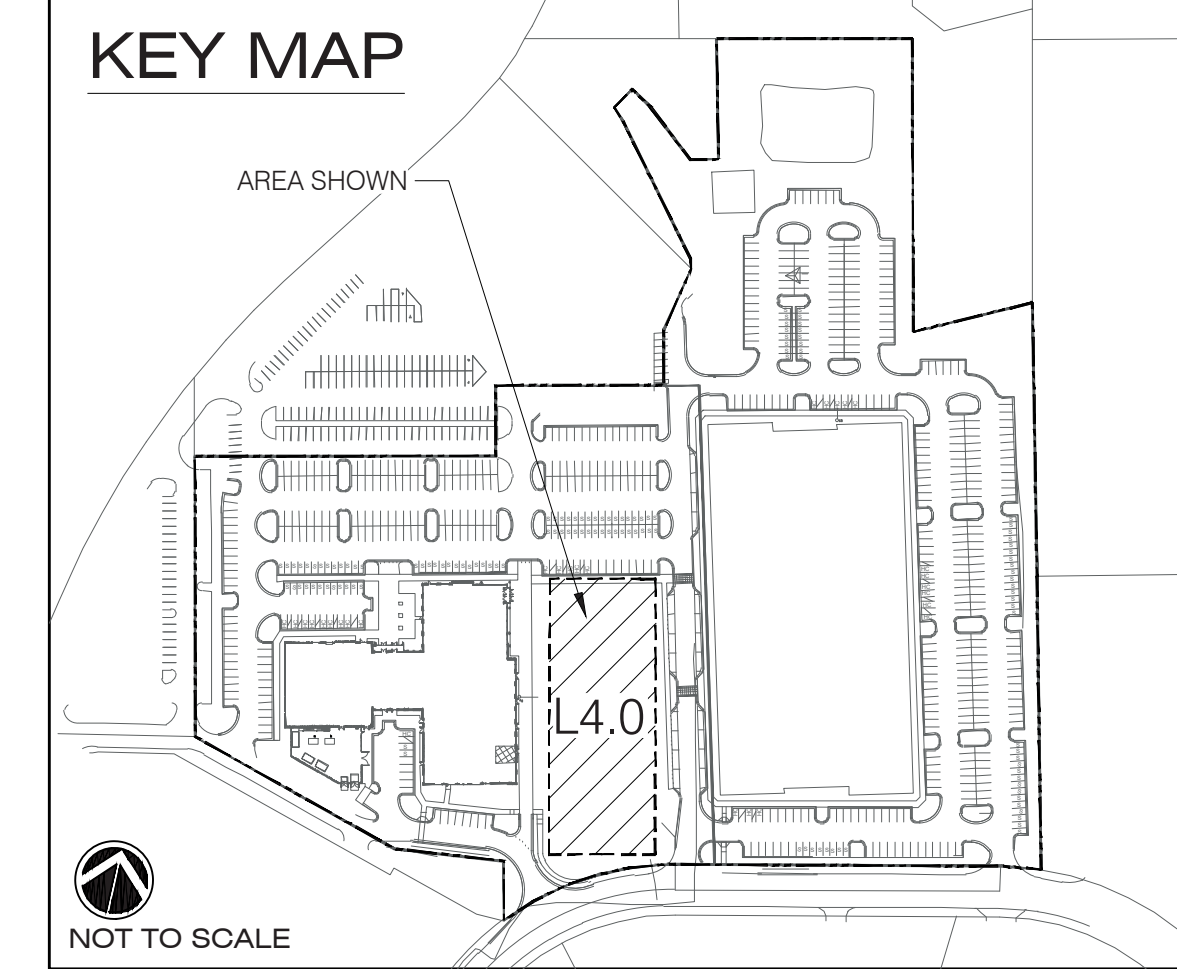
PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
Checked by: JWM
Sheet Title: PLANTING PLAN

Sheet Number:
L3.6
of 19 sheets



KEY MAP



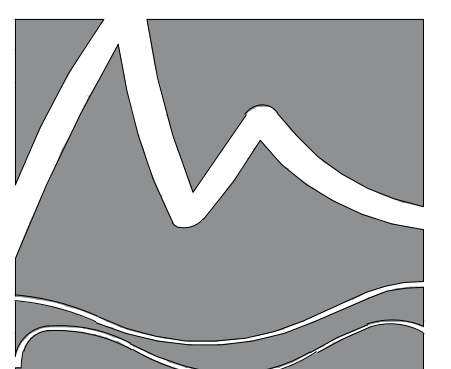
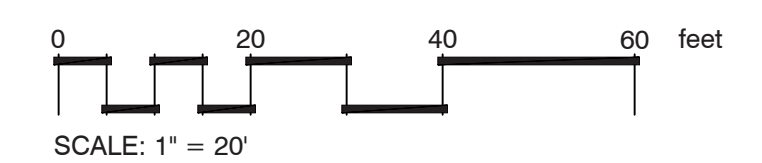
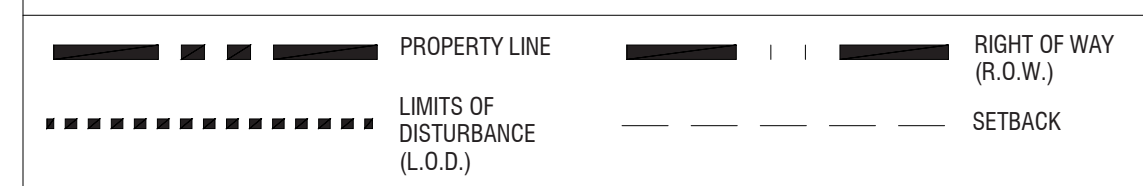
LIGHTING SCHEDULE

SYMBOL	DESCRIPTION	QUANTITY
	LOW VOLTAGE UPLIGHT MODEL: COPPER MOON BULLET & ACCENT (OR APPROVED EQUAL) PRODUCT NUMBER: CM.125 FINISH: ANTIQUE BRASS AVAILABLE FROM: COPPER MOON (800)727-5483	40
	LOW VOLTAGE PATH LIGHT MODEL: COPPER PATH LIGHT (OR APPROVED EQUAL) PRODUCT NUMBER: CM.700/20 FINISH: ANTIQUE AVAILABLE FROM: COPPER MOON (800)727-5483	22
	POST MOUNT OUTDOOR OUTLET	5

APPROVED
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Date: 3/26/21
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PO, BM, CW, RC, MB

APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

SYMBOL LEGEND



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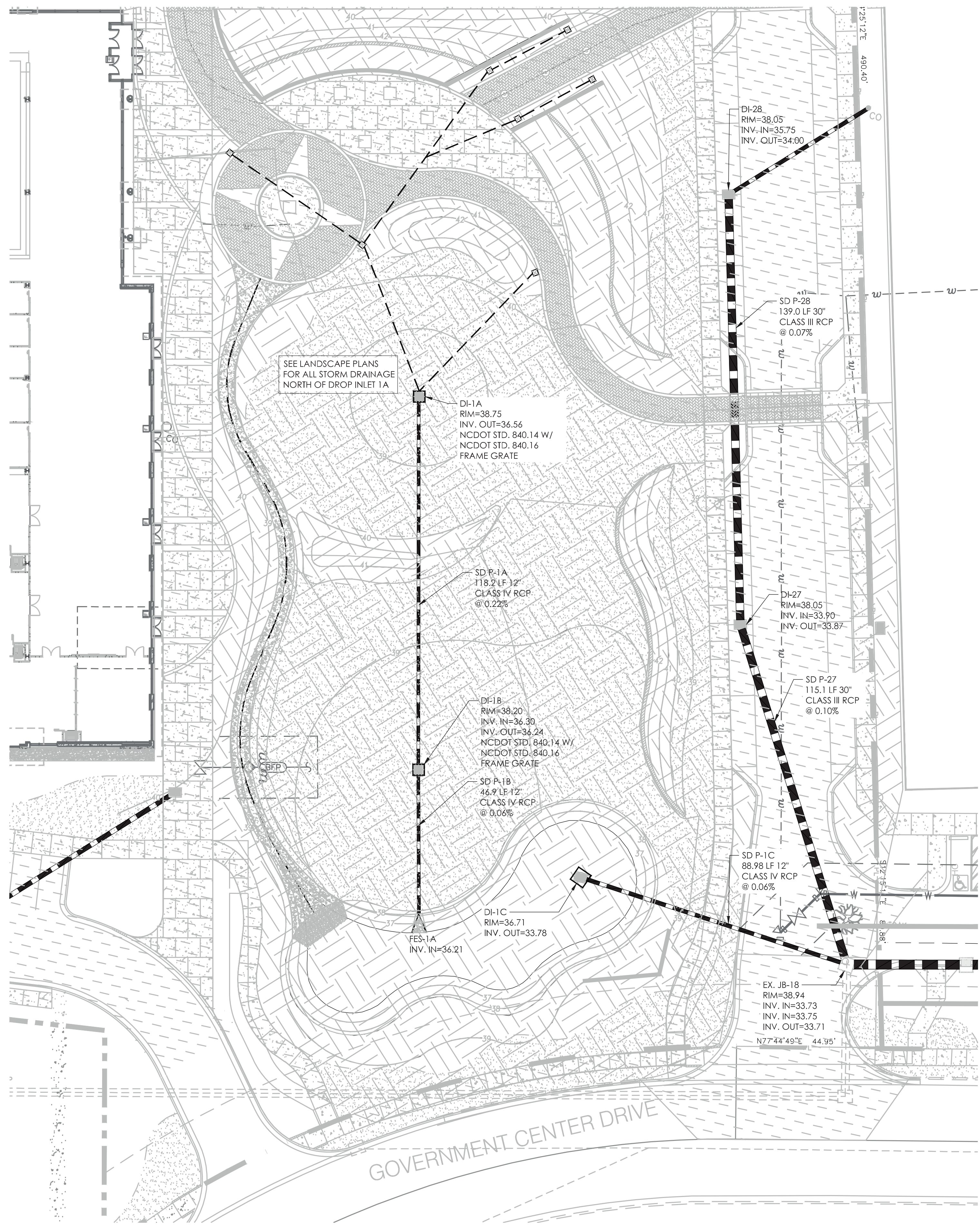
CLIENT
GHK CAPE FEAR COMMERCIAL
1051 MILITARY CUTOFF RD SUITE 200
WILMINGTON, NC

PROJECT
NHC GOVERNMENT PARK
230 GOVERNMENT CENTER DR
WILMINGTON, NC
LANDSCAPE PLANS

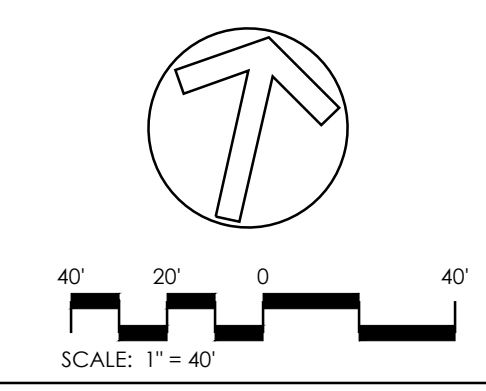
PRICING SET

Date: 2021-08-25
Phase:
Job Number: 400-23
Designed by: MLD
Drawn by: RJB
Checked by: JWM
Sheet Title: LIGHTING PLAN

Sheet Number:
L4.0
of 10 sheets



STORM DRAINAGE PLAN
Scale: 1" = 20'



APPROVED
CONSTRUCTION PLAN
Date: 3/26/21
Revised plans: 10/20/22
City SW# 2021013R1
PO, BM, CW, RC, MB

APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

SEPI
[A Division of TransSystems]
ASHEVILLE | CHARLOTTE | RALEIGH | WILMINGTON

1 GLENWOOD AVE. | SUITE 600
RALEIGH, NC 27603
PHONE | 919.789.9977

sepiinc.com

811
3 WORKING DAYS
BEFORE YOU DIG
FOR THE LOCATION OF
UNDERGROUND FACILITIES

Know what's below
Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCURRED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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NEW HANOVER COUNTY GOVERNMENT CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC 28403

PREPARED FOR:
GHKCAPE FEAR DEVELOPMENT LLC
1051 MILITARY CUTOFF RD
SUITE 200
WILMINGTON, NC 28405

CONSTRUCTION DRAWINGS

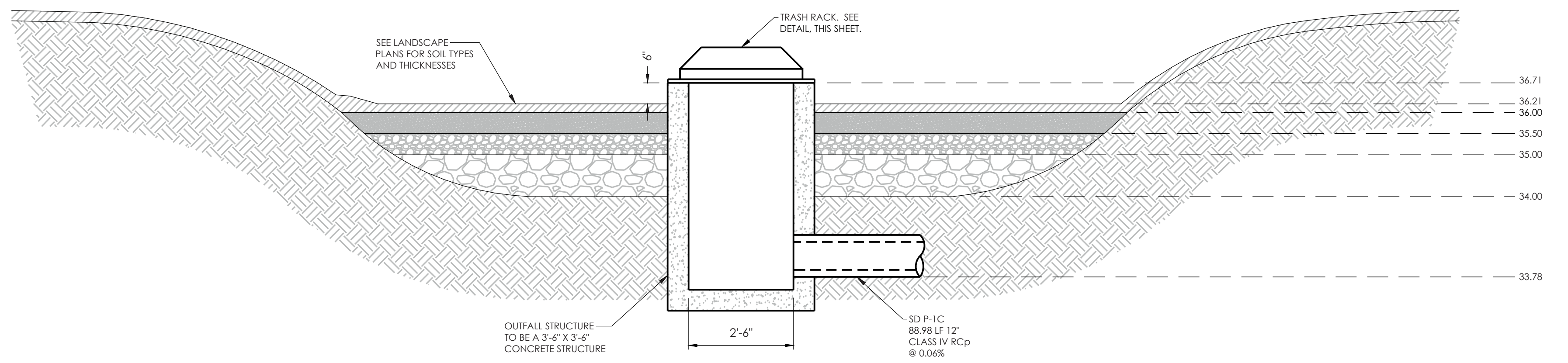
PROJECT:	DATE
SE22.444.00	
ISSUE: PHASE 2 - PARK DRAINAGE	09/08/2022
REVISIONS:	

PROJ. MGR: M. HEBRANK
DRAWN BY: L. SMITH
CHECKED BY: M. HEBRANK

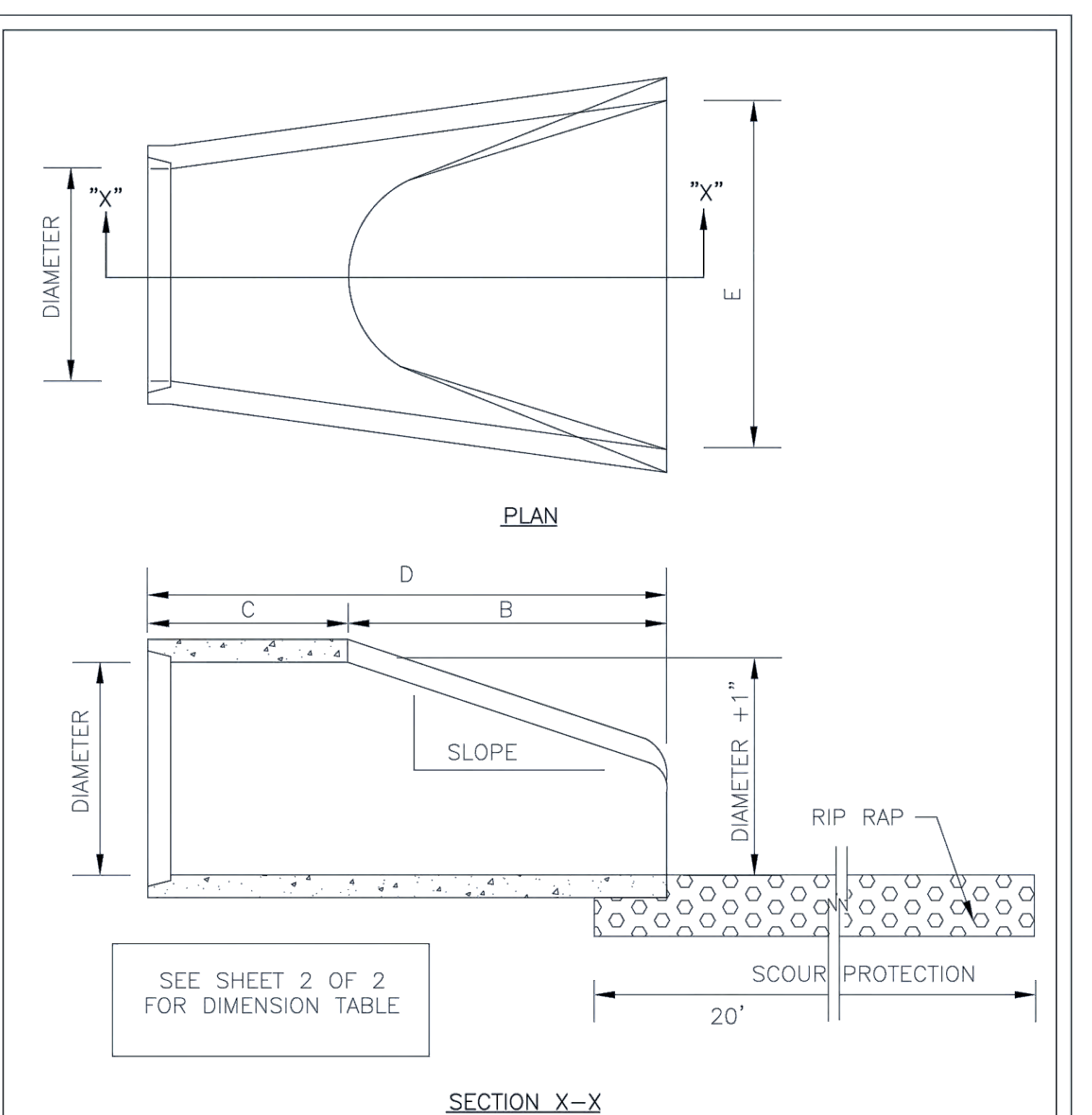
STORM DRAINAGE PLAN

C1.0

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL (**MUNICIPAL JURISDICTION**) AND NCDOT STANDARDS AND SPECIFICATIONS



DRAIN BASIN AND INLINE DRAIN - NON-TRAFFIC INSTALLATION 1
SCALE: 6" = 1'-0"



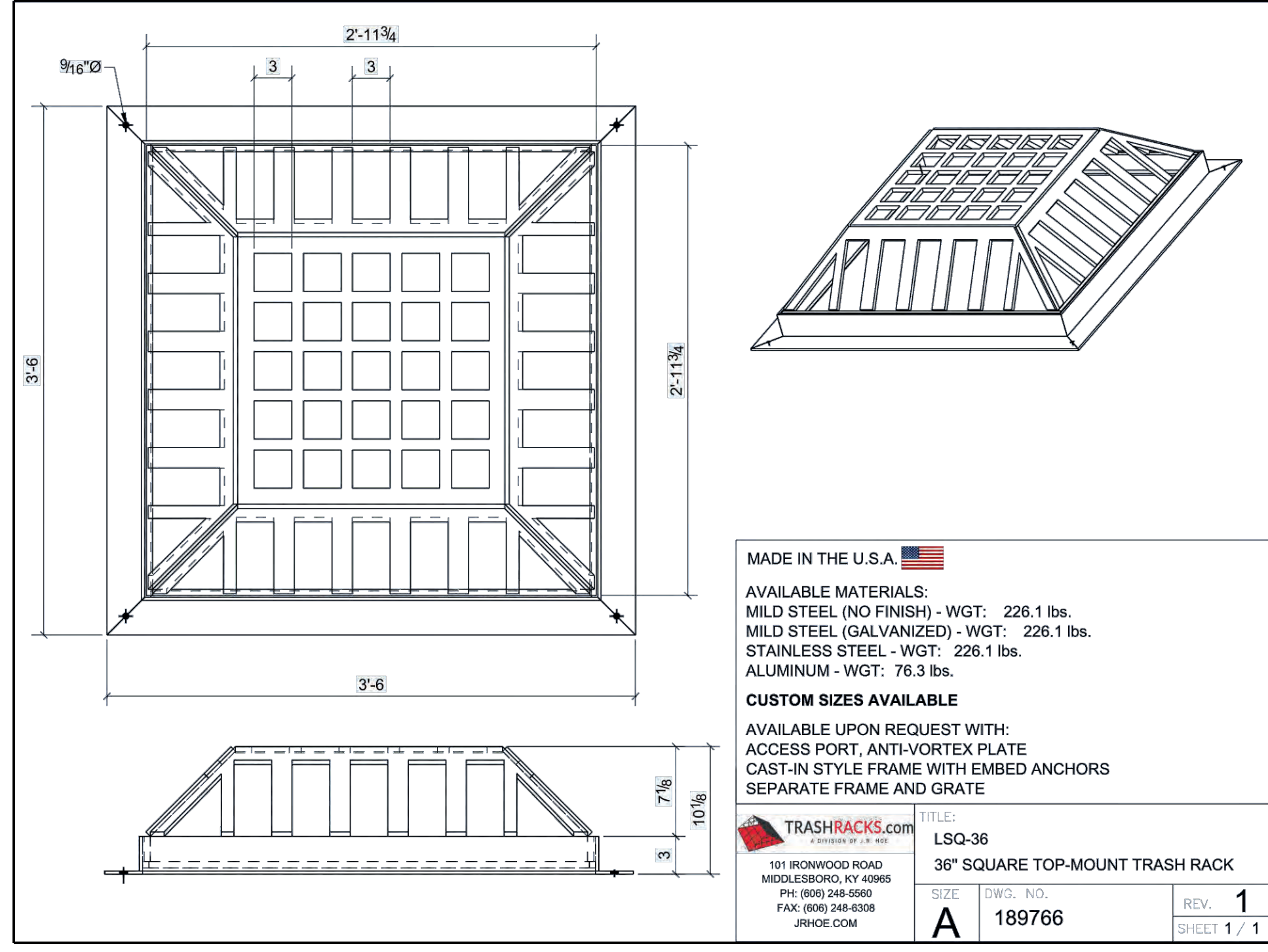
STANDARD DETAIL		CITY OF WILMINGTON ENGINEERING OFFICE 305 CHESTNUT STREET PO BOX 1810 WILMINGTON N.C. 28402 (910) 341-7807	
DATE: 2001	FLARED END SECTION OUTLET		SD 1-17
DRAWN BY JSR/CMR			
CHECKED BY B.P., P.E.			
SCALE NOT TO SCALE			

NOTE:
1. STRUCTURAL DESIGN OF END SECTION SHALL CONFORM WITH THAT OF STANDARD REINFORCED CONCRETE.

PIPE DIAMETER	WALL THICKNESS	SLOPE	B	C	D	E	UNIT WEIGHT
12	2 1/4	3:1	24	49	73	24	730
15	2 1/4	3:1	27	46	73	30	910
18	2 1/2	3:1	27	46	73	36	1190
21	2 3/4	3:1	36	37	73	42	1370
24	3	3:1	42	31 1/2	73 1/2	48	1770
27	3 1/4	3:1	48	25 1/2	73 1/2	54	2130
30	3 1/2	3:1	54	19 3/4	73 3/4	60	2380
33	3 3/4	3:1	60	36	96	66	3870
36	4	3:1	63	34 3/4	97 3/4	72	5320
42	4 1/2	3:1	63	35	98	78	5920
48	5	3:1	72	26	98	84	7470
54	5 1/2	2.4:1	66	34	100	90	8810
60	6	2:1	60	39	99	96	11180
72	7	2:1	78	21	99	108	13980

DIMENSIONS IN INCHES WEIGHTS IN POUNDS

STANDARD DETAIL		CITY OF WILMINGTON ENGINEERING OFFICE 305 CHESTNUT STREET PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807	
DATE: 2001	FLARED END SECTION OUTLET DIMENSION TABLE		SD 1-17
DRAWN BY JSR/CMR			
CHECKED BY B.P., P.E.			
SCALE NOT TO SCALE			



- NOTES:
- TRASH RACK DIMENSION CRITERIA SPECIFIED IS APPROXIMATE AND VARIES BY MANUFACTURER.
 - INSTALLATION OF TRASH RACK SHALL BE ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
 - THE TRASH RACK MATERIALS SHALL BE MADE OF ALUMINUM.
 - TOP TRASH RACK TO BE BOLTED TO THE TOP OF THE STRUCTURE WITH STAINLESS STEEL HARDWARE; MOUNTING TRASH RACK TO THE RISER IN SHEAR SHALL BE PROHIBITED.
 - TRASH RACK TO HAVE LOCKING ACCESS HATCH WITH A MINIMUM CLEAR SPACE OPENING OF 2 BY 3.

TRASH RACK DETAIL - MOUNTED (OR APP'D EQUIV.) 2
SCALE: NTS

SEPI
[A Division of TransSystems]

ASHVILLE | CHARLOTTE | RALEIGH | WILMINGTON
1 GLENWOOD AVE. | SUITE 600
RALEIGH, NC 27603
PHONE | 919.789.9977

sepiinc.com

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3 WORKING DAYS
BEFORE YOU DIG
FOR THE LOCATION OF
UNDERGROUND FACILITIES

Know what's below
Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXERCISED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

MADE IN THE U.S.A.

AVAILABLE MATERIALS:
MILD STEEL (NO FINISH) - WGT: 226.1 lbs.
MILD STEEL (GALVANIZED) - WGT: 226.1 lbs.
STAINLESS STEEL - WGT: 226.1 lbs.
ALUMINUM - WGT: 76.3 lbs.

CUSTOM SIZES AVAILABLE

AVAILABLE UPON REQUEST WITH:
ACCESS PORT, ANTI-VORTEX PLATE
CAST-IN STYLE FRAME WITH EMBED ANCHORS
SEPARATE FRAME AND GRATE

TRASH RACKS.COM
101 IRONWOOD ROAD
MIDDLESBORO, KY 40065
PH: (606) 248-6560
FAX: (606) 248-6308
JRW@TRASHRACKS.COM

TITLE: LSQ-36
36" SQUARE TOP-MOUNT TRASH RACK

SIZE	DWG. NO.	REV.
A	189766	1

APPROVED
CONSTRUCTION PLAN
Date: 3/26/21
Revised plans: 10/20/22
City SW# 2021013R1
PO, BM, CW, RC, MB
APPROVED
By Jeff Walton at 3:11 pm, Oct 19, 2022

NEW HANOVER
COUNTY
GOVERNMENT
CENTER
230 GOVERNMENT CENTER DR
WILMINGTON, NC 28403

PREPARED FOR:
GHKCAPE FEAR DEVELOPMENT
LLC
1051 MILITARY CUTOFF RD
SUITE 200
WILMINGTON, NC 28405

CONSTRUCTION
DRAWINGS

PROJECT:	SE22.444.00	DATE	
ISSUE:	PHASE 2 - PARK DRAINAGE		09/08/2022
REVISIONS:			

PROJ. MGR: M. HEBRANK
DRAWN BY: L. SMITH
CHECKED BY: M. HEBRANK

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL (MUNICIPAL JURISDICTION) AND NCDOT STANDARDS AND SPECIFICATIONS

STORM DRAINAGE
DETAILS
C1.1