

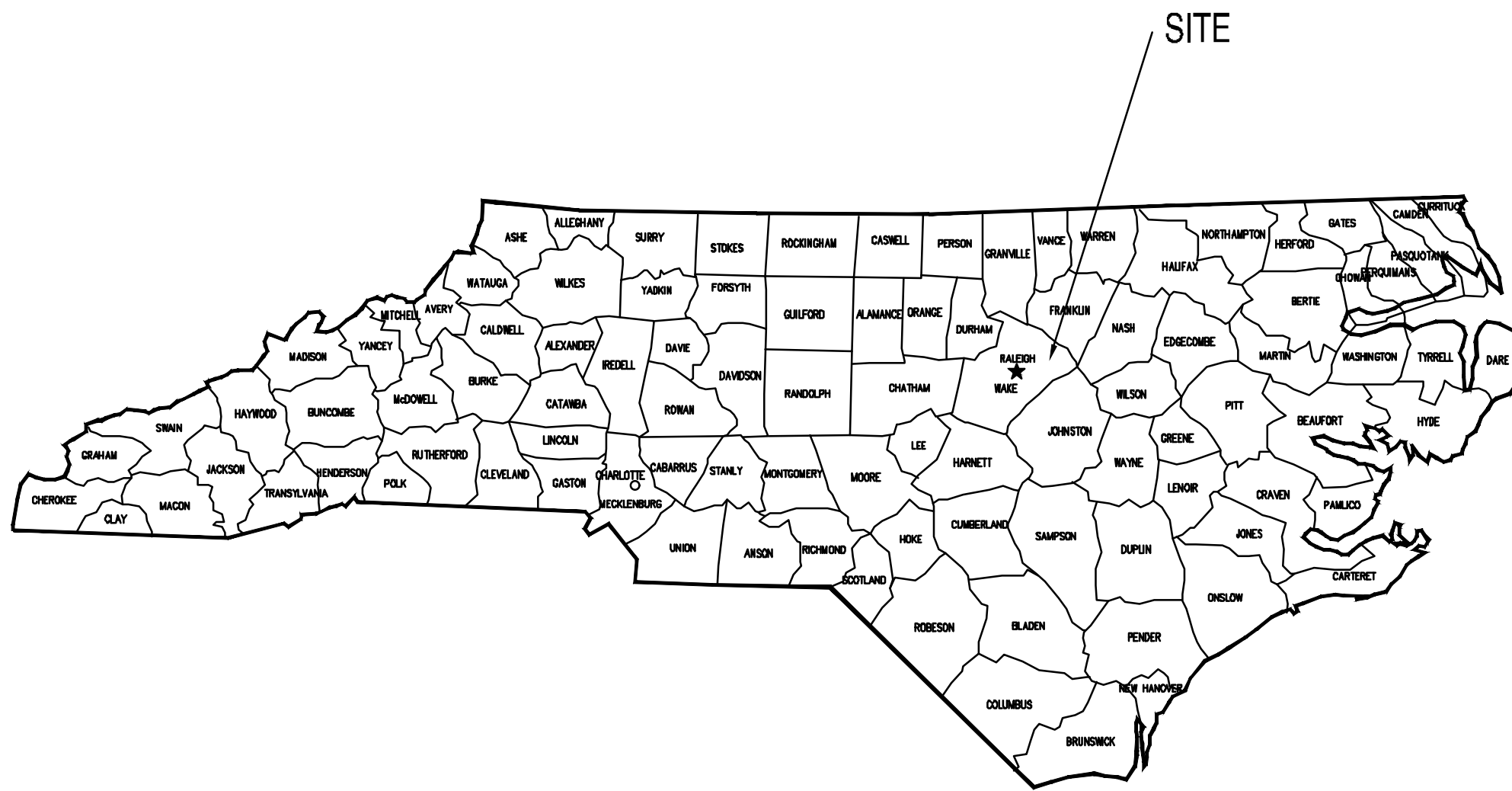
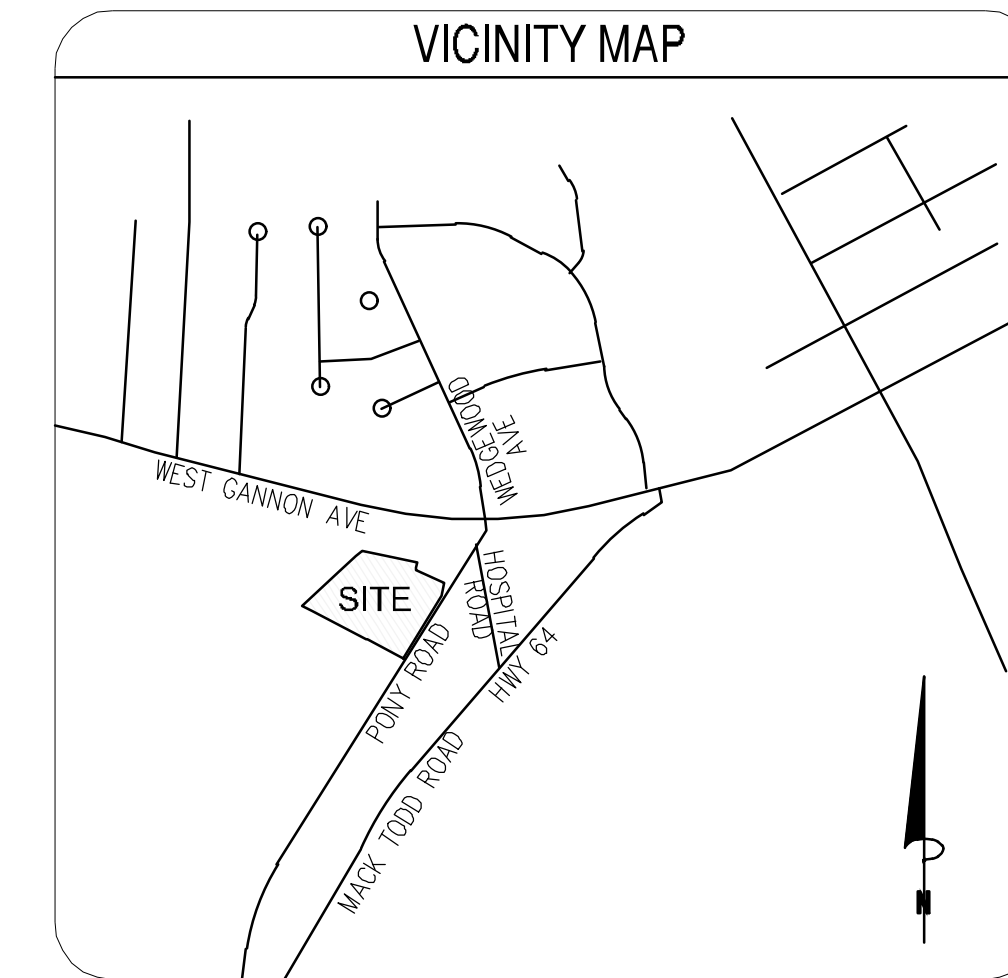
WAKE COUNTY NOTES

FINAL ZONING AND SITE IMPROVEMENT INSPECTION SHALL BE REQUIRED TO VERIFY SITE PLAN COMPLIANCE BE DONE BEFORE A CERTIFICATE OF COMPLIANCE IS ISSUED BY WAKE COUNTY BUILDING INSPECTIONS
 DETERIORATED OR DEAD SCREENING SHALL BE REPAIRED OR REPLACED WITHIN SIX MONTHS
 NO PERMANENT CONSTRUCTION CAN OCCUR WITHIN BUFFER YARDS
 SEPTIC TANKS, SEPTIC DRAIN LINES ARE PROHIBITED IN REQUIRED BUFFERYARDS
 STORMWATER RETENTION AND DETENTION FACILITIES, STORAGE TANKS FOR ANY PURPOSE, UTILITY SUBSTATIONS, AND 3 BUILDINGS HOUSING UTILITY SUBSTATIONS AND BUILDINGS HOUSING UTILITY COMMODITIES OR EQUIPMENT ARE ALSO PROHIBITED IN REQUIRED BUFFERYARDS.

CONSTRUCTION DOCUMENTS

Proposed The Carrington 303 Pony Road Zebulon, North Carolina Wake County

REVISED
Town of Zebulon - Planning
Aaron Chalker
09/26/2022



DEVELOPER
The Carrington, LP
Attn. Kevin Connelly
125 Old Chapin Rd.
Lexington, SC 29072
(803) 798-0572
tkc@connellybuilders.com

CIVIL ENGINEER
Bowman North Carolina, Ltd.
4006 Barrett Drive, Suite 104
Raleigh, NC 27609
(919) 553-6570
mlowder@bowman.com
FIRM# F-1445



IMPERVIOUS AREA SUMMARY

ON-SITE AREA = 333,957 SF (7.667 AC)		
BUILDINGS	22,721 SF	0.52 ACRE(S) 6.80 % OF AREA
SIDEWALK	5,235 SF	0.12 ACRE(S) 1.57 % OF AREA
PAVEMENT	34,940 SF	0.80 ACRE(S) 10.46 % OF AREA
TOTAL IMPERVIOUS AREA	62,896 SF	1.44 ACRE(S) 18.83 % OF AREA
GREEN/OPEN SPACE	271,061 SF	6.22 ACRE(S) 81.17 % OF AREA
EXISTING IMPERVIOUS AREA:	5,984 SF	0.14 ACRE(S) 1.79 % OF AREA
INCREASE IN IMPERVIOUS AREA:	56,912 SF	1.31 ACRE(S)

PROJECT DEVELOPMENT DATA

DEVELOPMENT NAME:	THE CARRINGTON
STREET ADDRESS:	303 PONY ROAD ZEBULON, NC
PIN:	1795-83-7655
REID:	0053208
DEED BOOK/PAGE:	012841/02154
ZONING DISTRICT(S):	O&I (OFFICE AND INSTITUTIONAL) SPECIAL USE PERMIT SUP 2019-01 CARDINAL PINES
SITE ACRES:	OVERALL AREA = 333,957 SF (7.667 AC)
DISTURBED AREA:	3.1 ACRES
LATITUDE & LONGITUDE:	N35.816581, W-78.328735
INSIDE TOWN LIMITS:	YES
EXISTING USE:	VACANT
PROPOSED BUILDING USE:	72 SENIOR APARTMENT UNITS (32) 1 BEDROOM UNITS (40) 2 BEDROOM UNITS
PROPOSED RESIDENTIAL DENSITY:	72 UNITS/ 7.667 ACRES = 9.39 UNITS/ACRE
MAXIMUM RESIDENTIAL DENSITY:	12 UNITS/ACRE
GROSS BUILDING AREA:	85,454 SF±
MINIMUM LOT SIZE:	N/A
MINIMUM LOT WIDTH:	120 FT
MINIMUM PERMETER SETBACK:	25 FT
MAXIMUM LOT COVERAGE:	40% OF TOTAL AREA
MINIMUM OPEN SPACE:	10% OF TOTAL AREA (50% TO BE ACTIVE OPEN SPACE)
OPEN SPACE PROVIDED:	81.17% OF PROPERTY
MAXIMUM BUILDING HEIGHT:	50 FT/4 STORIES
MINIMUM DISTANCE BETWEEN BUILDINGS:	25 FT
PARKING REQUIREMENT:	1.0 SPACES PER SENIOR DWELLING UNIT (NCHFA)
TOTAL REQUIRED:	1.0 SPACE PER UNIT REQUESTED (PARKING STUDY)
PARKING SPACES PROVIDED:	72 UNITS = 72 PARKING SPACES
PARKING SPACE DIMENSIONS:	81
MIN DRIVE AISLE:	10' x 19' MIN 8.5' x 18' COMPACT (30% MAX)
ACCESSIBLE SPACES PROVIDED:	20 FT ONE-WAY, 24 FT TWO-WAY
LANDSCAPE BUFFERS:	10 FT TYPE A BUFFER (ADJACENT RIMF) 15 FT TYPE C STREETSCAPE BUFFER ALONG PONY ROAD

SUP 2019-01

**Town of Zebulon
Special Use Permit Granted**

SUP 2019-01 - Cardinal Pines

On June 3, 2019, the Board of Commissioners for the Town of Zebulon convened a meeting to consider taking action regarding an application for a Special Use Permit for multi-family apartments located within the Transitional Residential zoning district.

Applicant: WDT Development, LLC
439 S. Woodland Road
Henderson, NC 27536

Property Owner: Joseph B Vinson
Jewel S Vinson Trustee
PO Box 1128
Zebulon, NC 27597

File Number: 2705431949

Approved use of property: Multi-Family Apartments

Zoning District: Transitional Residential (TR)

Parcel Size: Approximately 7.07 acres

Having heard all the evidence and arguments presented at the a joint quasi-judicial hearing held on May 21, 2019, the Board of Commissioners finds that the application is complete, that the applicant has demonstrated that the findings of fact as indicated in §152.038(B) of the Town of Zebulon Code of Ordinances have been met for the development proposed, and the purposes indicated in hereby approved with the conditions listed below, subject to all applicable provisions of the Zebulon Code of Ordinances, including §152.060 Vesting Right.

Expiration Date: June 7, 2021

Condition(s) of Approval:

- A sidewalk connection should be made behind the building for connectivity and a proposed outdoor amenity.
- There should be a sidewalk connection from the front entrance of the building to the public sidewalk on Pony Road and
- The project must receive Technical Review Committee approval from the Town of Zebulon conforming to the Code of Ordinances and Land Development Regulations.

IN WITNESS WHEREOF, the Town of Zebulon has caused this permit to be issued in its name.

Town of Zebulon

By: Robert S. Moberly - Mayor

Attest: Lisa M. Markland - Town Clerk

CURRENT PROPERTY OWNERS
Joseph B. Vinson &
Jewel S. Vinson
(Trustee) Parrish Realty
c/o Renee Baker
P.O. Box 1128
Zebulon, NC 27597

PRECONSTRUCTION NOTE
A PRE-CONSTRUCTION MEETING IS REQUIRED WITH THE TOWN OF ZEBULON CONSTRUCTION INSPECTOR. CONTACT JASON AT 919-790-5640.

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

The City of Raleigh consents to the connection and extension of the City's Public Sewer System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specification of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # S-_____

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specification of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # W-_____

The City of Raleigh consents to the connection to its public sewer system and extension of the private sewer collection system as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # S-_____

EROSION CONTROL, STORMWATER AND FLOODPLAIN MANAGEMENT

APPROVED

EROSION CONTROL SEC-078798-2022

STORMWATER MGMT. SWF-078834-2022

FLOOD STUDY S-_____

DATE 6/20/22

ENVIRONMENTAL CONSULTANT SIGNATURE

ATTENTION CONTRACTORS

The Construction Contractor responsible for the extension of water, sewer, and/or gas, as approved in these plans, is responsible for contacting the Public Utilities Department at (919)996-4540 at least twenty four hours prior to beginning any of their construction.

Failure to notify both City Departments in advance of beginning construction, will result in the issuance of monetary fines and require reinstallation of any water or sewer facilities not inspected as a result of this notification failure.

Failure to call for inspection, install a Downstream Plug, have Permitted Plans on the Jobsite, or any other Violation of City of Raleigh Standards will result in a Fine and Possible Exclusion from future work in the City of Raleigh.

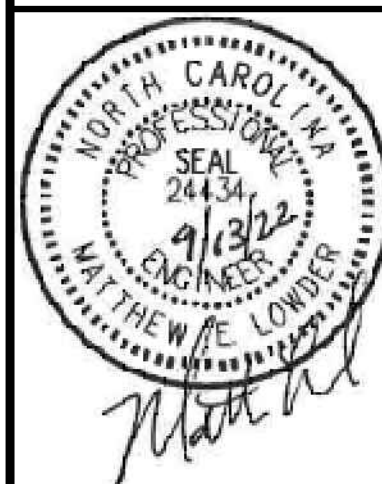
Index of Drawings

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C2.0	DEMOLITION PLAN
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C2.2	EROSION CONTROL PLAN - FINAL
C2.3	EROSION CONTROL NOTES
C2.4	NC CONSTRUCTION GENERAL PERMIT (NCG01) NOTES
C3.0	SITE PLAN
C4.0	GRADING & DRAINAGE PLAN
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C5.0	UTILITY PLAN
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A-2	BUILDING ELEVATIONS - BUILDING 1ST & 2ND FLOOR PLANS
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A-4	BUILDING ELEVATIONS

**CITY OF RALEIGH
PLANS AUTHORIZED FOR CONSTRUCTION**

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

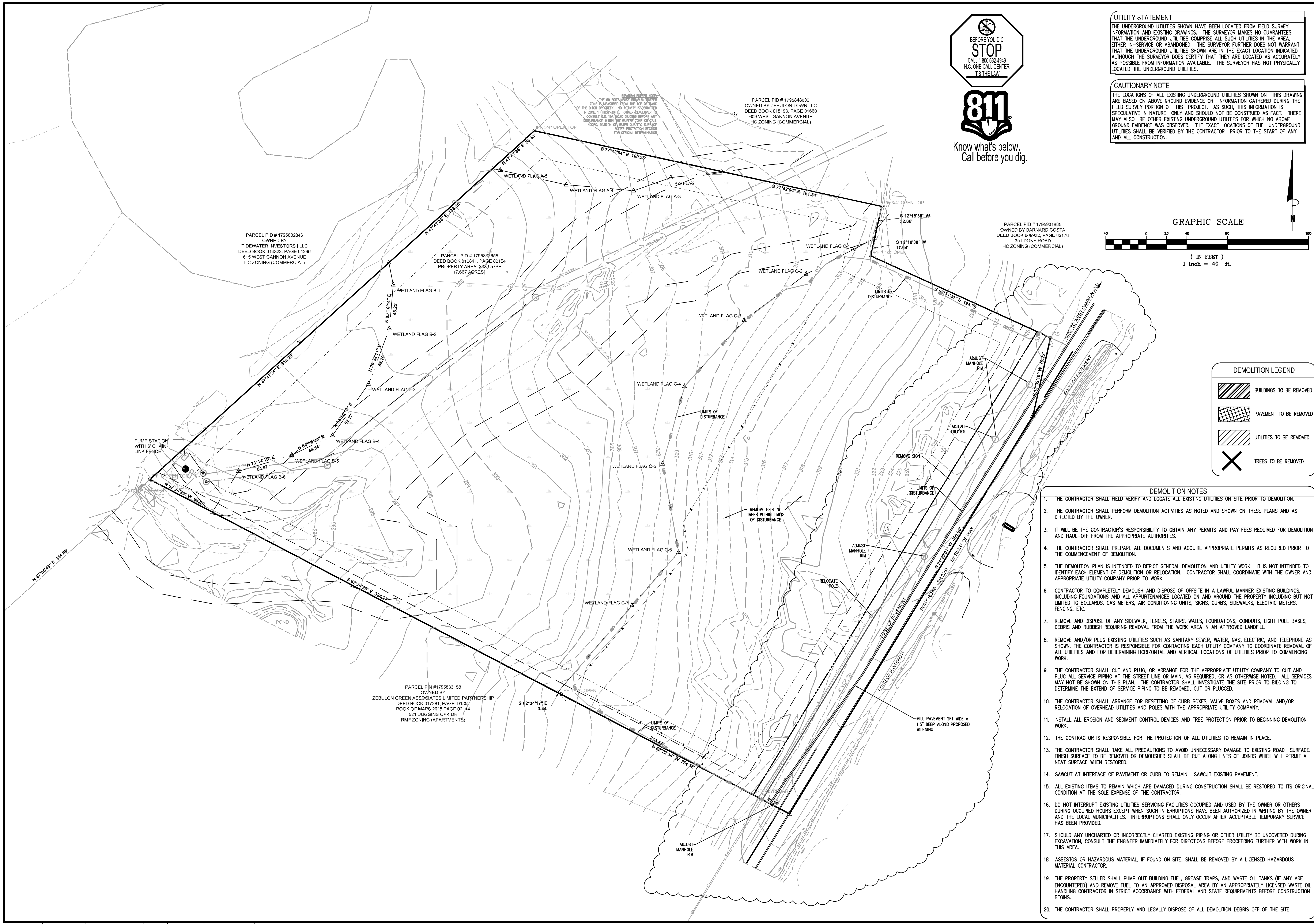
City of Raleigh Development Approval _____
Raleigh Water Review Officer _____



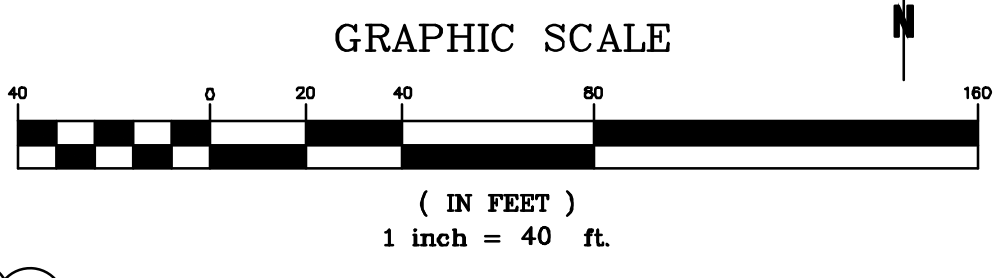
PLAN STATUS

5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TRES DATE
DATE	DESCRIPTION
MEL DESIGN	MEL XXX
CHKD	CHKD
SCALE	H: 1" = 40'
	V: 1" = XXX'
JOB No.	000000-00-000
DATE	October 29, 2021
FILE No.	000000-D-CP-000

SHEET C1.0



Know what's below.
Call before you dig.



DEMOLITION LEGEND

- BUILDINGS TO BE REMOVED
- PAVEMENT TO BE REMOVED
- UTILITIES TO BE REMOVED
- TREES TO BE REMOVED

- DEMOLITION NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO DEMOLITION.
 - THE CONTRACTOR SHALL PERFORM DEMOLITION ACTIVITIES AS NOTED AND SHOWN ON THESE PLANS AND AS DIRECTED BY THE OWNER.
 - IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS AND PAY FEES REQUIRED FOR DEMOLITION AND HAUL-OFF FROM THE APPROPRIATE AUTHORITIES.
 - THE CONTRACTOR SHALL PREPARE ALL DOCUMENTS AND ACQUIRE APPROPRIATE PERMITS AS REQUIRED PRIOR TO THE COMMENCEMENT OF DEMOLITION.
 - THE DEMOLITION PLAN IS INTENDED TO DEPICT GENERAL DEMOLITION AND UTILITY WORK. IT IS NOT INTENDED TO IDENTIFY EACH ELEMENT OF DEMOLITION OR RELOCATION. CONTRACTOR SHALL COORDINATE WITH THE OWNER AND APPROPRIATE UTILITY COMPANY PRIOR TO WORK.
 - CONTRACTOR TO COMPLETELY DEMOLISH AND DISPOSE OF OFFSITE IN A LAWFUL MANNER EXISTING BUILDINGS, INCLUDING FOUNDATIONS AND ALL APPURTENANCES LOCATED ON AND AROUND THE PROPERTY INCLUDING BUT NOT LIMITED TO BOLLARDS, GAS METERS, AIR CONDITIONING UNITS, SIGNS, CURBS, SIDEWALKS, ELECTRIC METERS, FENCING, ETC.
 - REMOVE AND DISPOSE OF ANY SIDEWALK, FENCES, STAIRS, WALLS, FOUNDATIONS, CONDUITS, LIGHT POLE BASES, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED LANDFILL.
 - REMOVE AND/OR PLUG EXISTING UTILITIES SUCH AS SANITARY SEWER, WATER, GAS, ELECTRIC, AND TELEPHONE AS SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING EACH UTILITY COMPANY TO COORDINATE REMOVAL OF ALL UTILITIES AND FOR DETERMINING HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES PRIOR TO COMMENCING WORK.
 - THE CONTRACTOR SHALL CUT AND PLUG, OR ARRANGE FOR THE APPROPRIATE UTILITY COMPANY TO CUT AND PLUG ALL SERVICE PIPING AT THE STREET LINE OR MAIN, AS REQUIRED, OR AS OTHERWISE NOTED. ALL SERVICES MAY NOT BE SHOWN ON THIS PLAN. THE CONTRACTOR SHALL INVESTIGATE THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTEND OF SERVICE PIPING TO BE REMOVED, CUT OR PLUGGED.
 - THE CONTRACTOR SHALL ARRANGE FOR RESETTING OF CURB BOXES, VALVE BOXES AND REMOVAL AND/OR RELOCATION OF OVERHEAD UTILITIES AND POLES WITH THE APPROPRIATE UTILITY COMPANY.
 - INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES AND TREE PROTECTION PRIOR TO BEGINNING DEMOLITION WORK.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES TO REMAIN IN PLACE.
 - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO AVOID UNNECESSARY DAMAGE TO EXISTING ROAD SURFACE. FINISH SURFACE TO BE REMOVED OR DEMOLISHED SHALL BE CUT ALONG LINES OF JOINTS WHICH WILL PERMIT A NEAT SURFACE WHEN RESTORED.
 - SAWCUT AT INTERFACE OF PAVEMENT OR CURB TO REMAIN. SAWCUT EXISTING PAVEMENT.
 - ALL EXISTING ITEMS TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE SOLE EXPENSE OF THE CONTRACTOR.
 - DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
 - SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
 - ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR.
 - THE PROPERTY SELLER SHALL PUMP OUT BUILDING FUEL, GREASE TRAPS, AND WASTE OIL TANKS (IF ANY ARE ENCOUNTERED) AND REMOVE FUEL TO AN APPROVED DISPOSAL AREA BY AN APPROPRIATELY LICENSED WASTE OIL HANDLING CONTRACTOR IN STRICT ACCORDANCE WITH FEDERAL AND STATE REQUIREMENTS BEFORE CONSTRUCTION BEGINS.
 - THE CONTRACTOR SHALL PROPERLY AND LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS OFF OF THE SITE.

Bowman

Bowman North Carolina Ltd.
 4006 BARRIETT DR
 Suite 104
 RALEIGH, NC 27609
 Phone: (919) 555-6570
 bowman.com

Wake County

DEMOLITION PLAN

The Carrington
 303 Pony Road
 Zebulon, NC

PLAN STATUS

5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TREES

DATE DESCRIPTION

MEL DESIGN	MEL DRAWN	XXX CHKD
SCALE	H: 1" = XXX'	V: 1" = XXX'

JOB No. 000000-00-000
 DATE October 29, 2021
 FILE No. 000000-0-CP-000

SHEET **C2.0**

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E. GROUND STABILIZATION

Table with 3 columns: Site Area Description, Required Ground Stabilization Timeframes, and Timeframe variations. Rows include perimeter dikes, high quality water zones, slopes steeper than 3:1, slopes 3:1 to 4:1, and areas with slopes flatter than 4:1.

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity.

GROUND STABILIZATION SPECIFICATION

Table with 2 columns: Temporary Stabilization and Permanent Stabilization. Lists various materials and methods for both types of stabilization.

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- 1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structure.

EQUIPMENT AND VEHICLE MAINTENANCE

- 1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- 1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

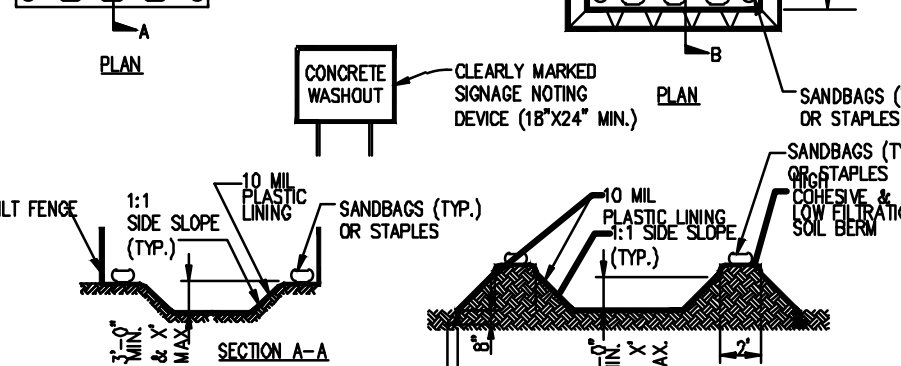
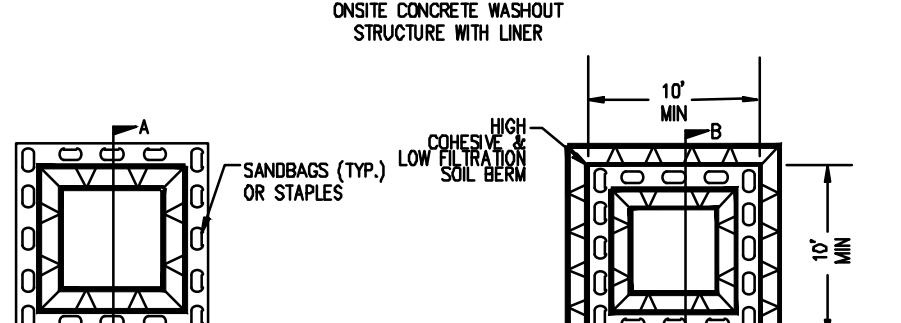
- 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint wastebats at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, stored and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- 1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating units.

EROSION STOCKPILE MANAGEMENT

- 1. Show stockpile locations on plans. Locate erosion-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with all fence installed along foot of slope with a minimum offset of five feet from the toe of slope.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NOTES: 1. ACTUAL LOCATION DETERMINED IN FIELD. 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY. 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE. 4. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY. 5. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

CONCRETE WASHOUTS

- 1. Do not discharge concrete or cement slurry from the site.
2. Install portable concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within 10' perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method of product is to be used, contact your approved authority for review and approval. If local standards are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective cut or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove loadings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining loadings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

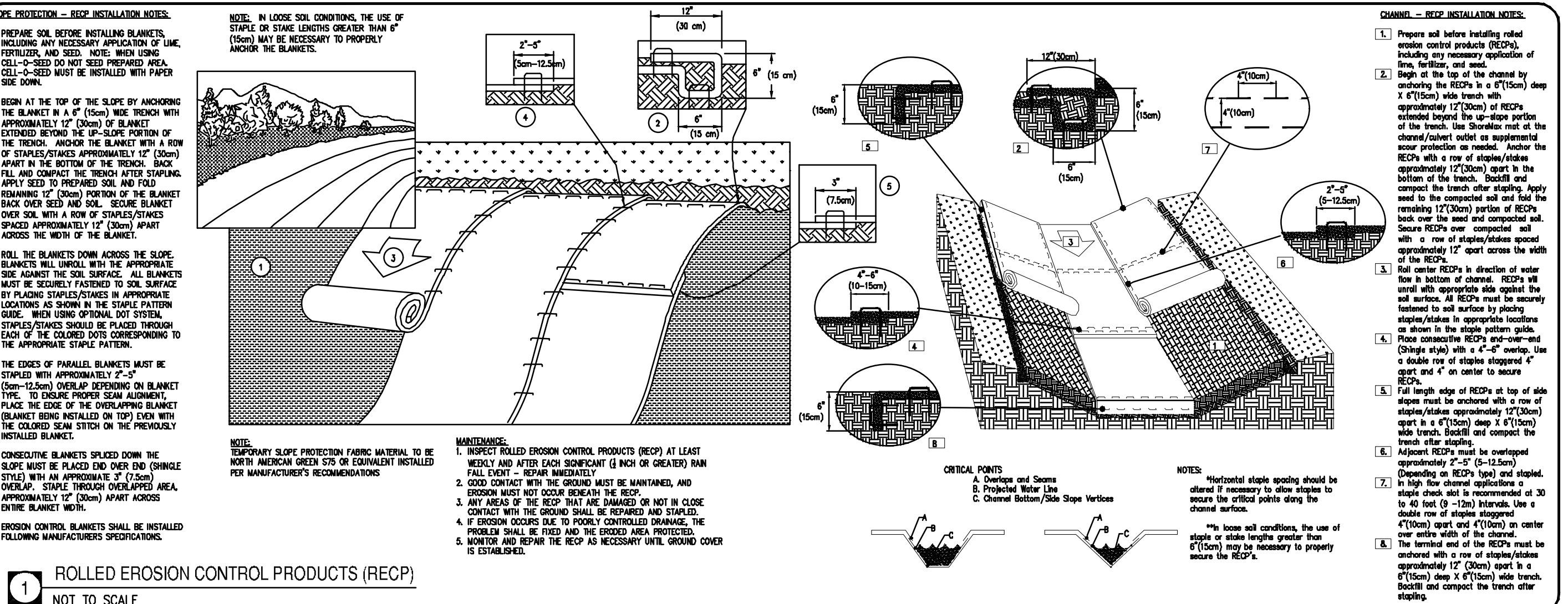
- 1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- 1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19



1. ROLLED EROSION CONTROL PRODUCTS (RECP) NOT TO SCALE

PART II SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A. SELF-INSPECTION Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the inspection record.

Table with 3 columns: Inspect, Frequency, and Inspection records must include. Rows include maintenance of good working order, EESC measures, flow meter discharge, number of site, flow meter discharge, and ground stabilization measures.

NOTE: The rain inspection meets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B. RECORDKEEPING 1. EESC Plan Documentation The approved EESC plan as well as any approved deviation shall be kept on the site. The approved EESC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the EESC plan shall be kept on site and available for inspection at all times during normal business hours.

Table with 2 columns: Item to Document and Documentation Requirements. Rows include EESC Plan Documentation, grading completion, ground cover installation, maintenance and repair, and corrective actions.

3. Documentation to be Retained for Three Years All data used to complete the e-NIS and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C. REPORTING 1. Occurrences that Must be Reported Permittees shall report the following occurrences: (a) Visible sediment deposition in a stream or wetland. (b) Oil spills if: • They are 25 gallons or more, • They are less than 25 gallons but cannot be cleaned up within 24 hours, • They cause sheen on surface waters (regardless of volume), or • They are within 100 feet of surface waters (regardless of volume).

- (c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Pec: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Pec: 40 CFR 302.4 or G.S. 143-215.5).
(d) Anticipated bypasses and unanticipated bypasses.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

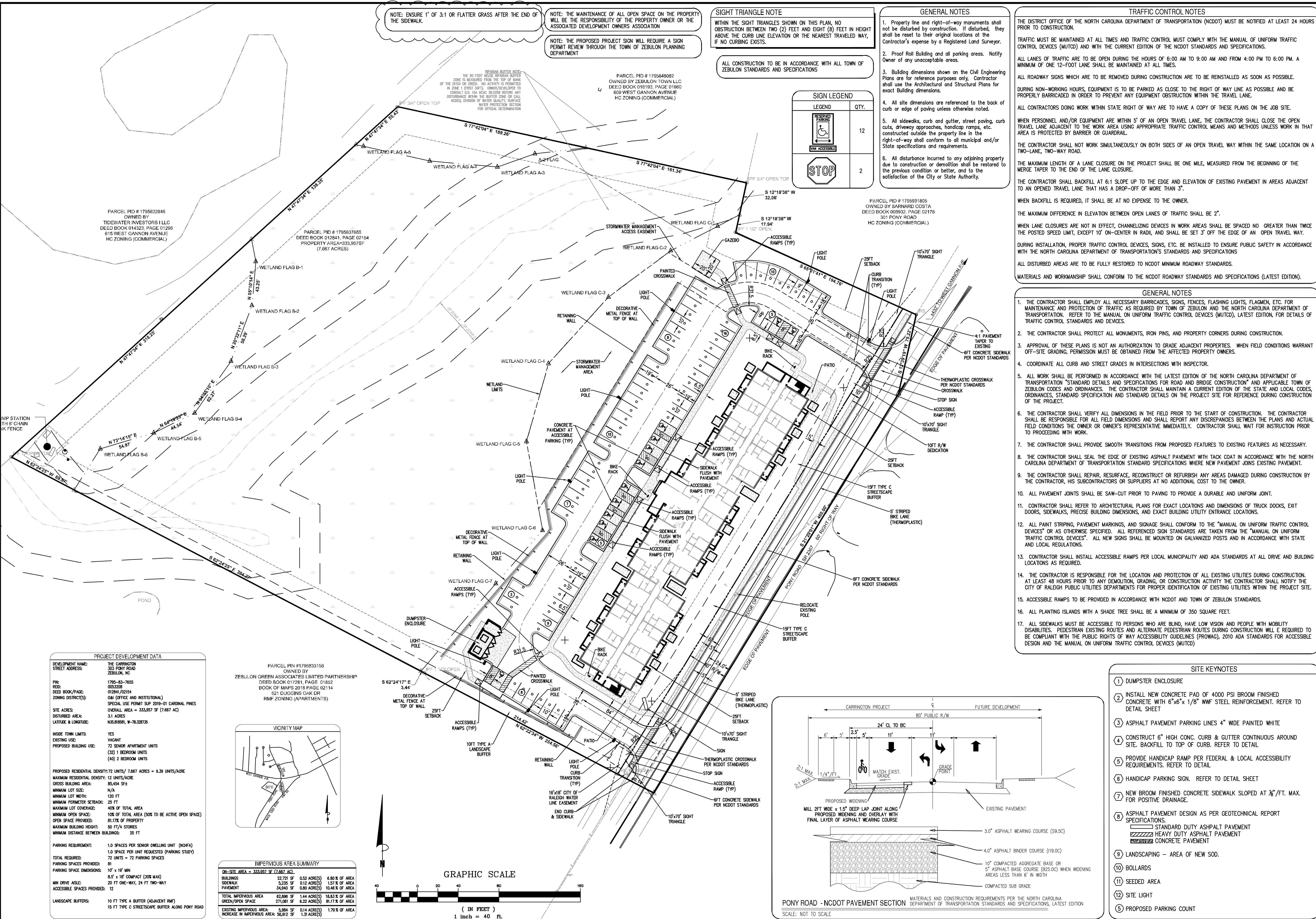
2. Reporting Timeframes and Other Requirements

Table with 2 columns: Occurrence and Reporting Timeframes (After Discovery) and Other Requirements. Rows include water/sediment deposition, oil spills, and anticipated/unanticipated bypasses.

Professional Engineer Seal for Matthew J. Williams, License No. 9132, State of North Carolina.

PLAN STATUS table showing dates for DEQ REVIEW and NCDDT REVIEW.

MEL DESIGN SCALE JOB No. 000000-00-000 DATE October 29, 2021 FILE No. 000000-0-CP-000 SHEET C2.4



NOTE: ENSURE 1' OF 3:1 OR FLATTER GRASS AFTER THE END OF THE SIDEWALK.

NOTE: THE MAINTENANCE OF ALL OPEN SPACE ON THE PROPERTY WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER OR THE ASSOCIATED DEVELOPMENT OWNERS ASSOCIATION

NOTE: THE PROPOSED PROJECT SIGN WILL REQUIRE A SIGN PERMIT REVIEW THROUGH THE TOWN OF ZEBULON PLANNING DEPARTMENT

SIGHT TRIANGLE NOTE
 WITHIN THE SIGHT TRIANGLES SHOWN ON THIS PLAN, NO OBSTRUCTION BETWEEN TWO (2) FEET AND EIGHT (8) FEET IN HEIGHT ABOVE THE CURB LINE ELEVATION OR THE NEAREST TRAVELED WAY, IF NO CURBING EXISTS.

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL TOWN OF ZEBULON STANDARDS AND SPECIFICATIONS

GENERAL NOTES

- Property line and right-of-way monuments shall not be disturbed by construction. If disturbed, they shall be reset to their original locations at the Contractor's expense by a Registered Land Surveyor.
- Proof Roll Building and all parking areas. Notify Owner of any unacceptable areas.
- Building dimensions shown on the Civil Engineering Plans are for reference purposes only. Contractor shall use the Architectural and Structural Plans for exact Building dimensions.
- All site dimensions are referenced to the back of curb or edge of paving unless otherwise noted.
- All sidewalks, curb and gutter, street paving, curb cuts, driveway approaches, handicap ramps, etc. constructed outside the property line in the right-of-way shall conform to all municipal and/or State specifications and requirements.
- All disturbance incurred to any adjoining property due to construction or demolition shall be restored to the previous condition or better, and to the satisfaction of the City or State Authority.

TRAFFIC CONTROL NOTES

THE DISTRICT OFFICE OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO CONSTRUCTION.

TRAFFIC MUST BE MAINTAINED AT ALL TIMES AND TRAFFIC CONTROL MUST COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WITH THE CURRENT EDITION OF THE NCDOT STANDARDS AND SPECIFICATIONS.

ALL LANES OF TRAFFIC ARE TO BE OPEN DURING THE HOURS OF 6:00 AM TO 9:00 AM AND FROM 4:00 PM TO 6:00 PM. A MINIMUM OF ONE 12-FOOT LANE SHALL BE MAINTAINED AT ALL TIMES.

ALL ROADWAY SIGNS WHICH ARE TO BE REMOVED DURING CONSTRUCTION ARE TO BE REINSTALLED AS SOON AS POSSIBLE.

DURING NON-WORKING HOURS, EQUIPMENT IS TO BE PARKED AS CLOSE TO THE RIGHT OF WAY LINE AS POSSIBLE AND BE PROPERLY BARRICADED IN ORDER TO PREVENT ANY EQUIPMENT OBSTRUCTION WITHIN THE TRAVEL LANE.

ALL CONTRACTORS DOING WORK WITHIN STATE RIGHT OF WAY ARE TO HAVE A COPY OF THESE PLANS ON THE JOB SITE.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WITHIN 5' OF AN OPEN TRAVEL LANE, THE CONTRACTOR SHALL CLOSE THE OPEN TRAVEL LANE ADJACENT TO THE WORK AREA USING APPROPRIATE TRAFFIC CONTROL MEANS AND METHODS UNLESS WORK IN THAT AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

THE CONTRACTOR SHALL NOT WORK SIMULTANEOUSLY ON BOTH SIDES OF AN OPEN TRAVEL WAY WITHIN THE SAME LOCATION ON A TWO-LANE, TWO-WAY ROAD.

THE MAXIMUM LENGTH OF A LANE CLOSURE ON THE PROJECT SHALL BE ONE MILE, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.

THE CONTRACTOR SHALL BACKFILL AT 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS A DROP-OFF OF MORE THAN 3".

WHEN BACKFILL IS REQUIRED, IT SHALL BE AT NO EXPENSE TO THE OWNER.

THE MAXIMUM DIFFERENCE IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC SHALL BE 2".

WHEN LANE CLOSURES ARE NOT IN EFFECT, CHANNELIZING DEVICES IN WORK AREAS SHALL BE SPACED NO GREATER THAN TWICE THE POSTED SPEED LIMIT, EXCEPT 10' ON-CENTER IN RADIUS, AND SHALL BE SET 3' OFF THE EDGE OF AN OPEN TRAVEL WAY.

DURING INSTALLATION, PROPER TRAFFIC CONTROL DEVICES, SIGNS, ETC. BE INSTALLED TO ENSURE PUBLIC SAFETY IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S STANDARDS AND SPECIFICATIONS.

ALL DISTURBED AREAS ARE TO BE FULLY RESTORED TO NCDOT MINIMUM ROADWAY STANDARDS.

MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE NCDOT ROADWAY STANDARDS AND SPECIFICATIONS (LATEST EDITION).

SIGN LEGEND

LEGEND	QTY.
	12
	2

GENERAL NOTES

- THE CONTRACTOR SHALL EMPLOY ALL NECESSARY BARRICADES, SIGNS, FENCES, FLASHING LIGHTS, FLAGMEN, ETC. FOR MAINTENANCE AND PROTECTION OF TRAFFIC AS REQUIRED BY TOWN OF ZEBULON AND THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, FOR DETAILS OF TRAFFIC CONTROL STANDARDS AND DEVICES.
- THE CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION.
- APPROVAL OF THESE PLANS IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
- COORDINATE ALL CURB AND STREET GRADES IN INTERSECTIONS WITH INSPECTOR.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION "STANDARD DETAILS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND APPLICABLE TOWN OF ZEBULON CODES AND ORDINANCES. THE CONTRACTOR SHALL MAINTAIN A CURRENT EDITION OF THE STATE AND LOCAL CODES, ORDINANCES, STANDARD SPECIFICATION AND STANDARD DETAILS ON THE PROJECT SITE FOR REFERENCE DURING CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE OWNER OR OWNER'S REPRESENTATIVE IMMEDIATELY. CONTRACTOR SHALL WAIT FOR INSTRUCTION PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM PROPOSED FEATURES TO EXISTING FEATURES AS NECESSARY.
- THE CONTRACTOR SHALL SEAL THE EDGE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS WHERE NEW PAVEMENT JOINS EXISTING PAVEMENT.
- THE CONTRACTOR SHALL REPAIR, RESURFACE, RECONSTRUCT OR REFURBISH ANY AREAS DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, HIS SUBCONTRACTORS OR SUPPLIERS AT NO ADDITIONAL COST TO THE OWNER.
- ALL PAVEMENT JOINTS SHALL BE SAW-CUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF TRUCK DOCKS, EXIT DOORS, SIDEWALKS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- ALL PAINT STRIPING, PAVEMENT MARKINGS, AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" OR AS OTHERWISE SPECIFIED. ALL REFERENCED SIGN STANDARDS ARE TAKEN FROM THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". ALL NEW SIGNS SHALL BE MOUNTED ON GALVANIZED POSTS AND IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL INSTALL ACCESSIBLE RAMPS PER LOCAL MUNICIPALITY AND ADA STANDARDS AT ALL DRIVE AND BUILDING LOCATIONS AS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY THE CONTRACTOR SHALL NOTIFY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENTS FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
- ACCESSIBLE RAMPS TO BE PROVIDED IN ACCORDANCE WITH NCDOT AND TOWN OF ZEBULON STANDARDS.
- ALL PLANTING ISLANDS WITH A SHADE TREE SHALL BE A MINIMUM OF 350 SQUARE FEET.
- ALL SIDEWALKS MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. PEDESTRIAN EXISTING ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPLIANT WITH THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

PROJECT DEVELOPMENT DATA

DEVELOPMENT NAME: THE CARRINGTON
 STREET ADDRESS: 303 PONY ROAD
 ZEBULON, NC

PIN: 1795-83-7655
 REEL: 0052020
 ZONING DISTRICT(S): 01294/02154
 08I (OFFICE AND INSTITUTIONAL)

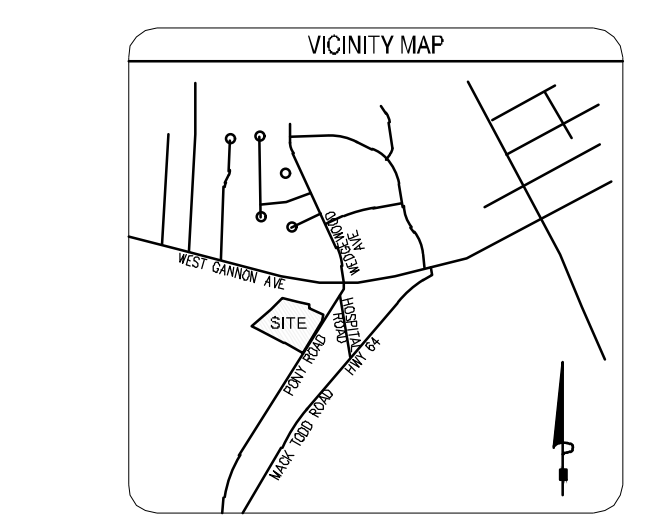
SPECIAL USE PERMIT SUP 2019-01 CARDINAL PINES
 OVERALL AREA = 333,957 SF (7.667 AC)
 DISTURBED AREA: 3.1 ACRES
 LATITUDE & LONGITUDE: N35.818581, W-78.328735

INSIDE TOWN LIMITS: YES
 EXISTING USE: VACANT
 PROPOSED BUILDING USE: 72 SENIOR APARTMENT UNITS (32) 1 BEDROOM UNITS (40) 2 BEDROOM UNITS

PROPOSED RESIDENTIAL DENSITY: 72 UNITS / 7.667 ACRES = 9.39 UNITS/ACRE
 MAXIMUM RESIDENTIAL DENSITY: 12 UNITS/ACRE
 GROSS BUILDING AREA: 85,454 SF±
 MINIMUM LOT SIZE: N/A
 MINIMUM LOT WIDTH: 120 FT
 MINIMUM PERMETER SETBACK: 25 FT
 MAXIMUM LOT COVERAGE: 40% OF TOTAL AREA
 MINIMUM OPEN SPACE: 10% OF TOTAL AREA (50% TO BE ACTIVE OPEN SPACE)
 OPEN SPACE PROVIDED: 81.17% OF PROPERTY
 MAXIMUM BUILDING HEIGHT: 50 FT/4 STORES
 MINIMUM DISTANCE BETWEEN BUILDINGS: 25 FT

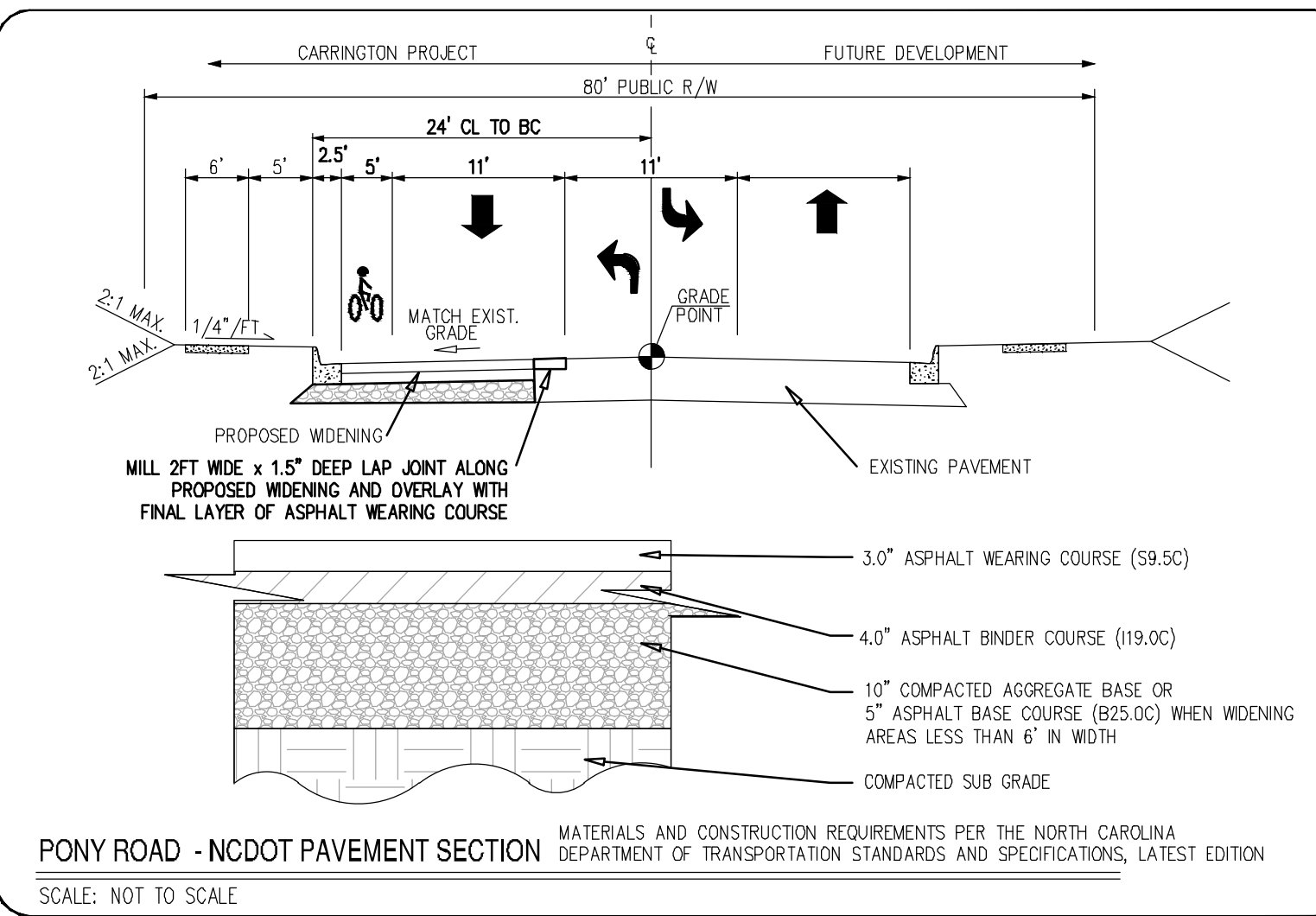
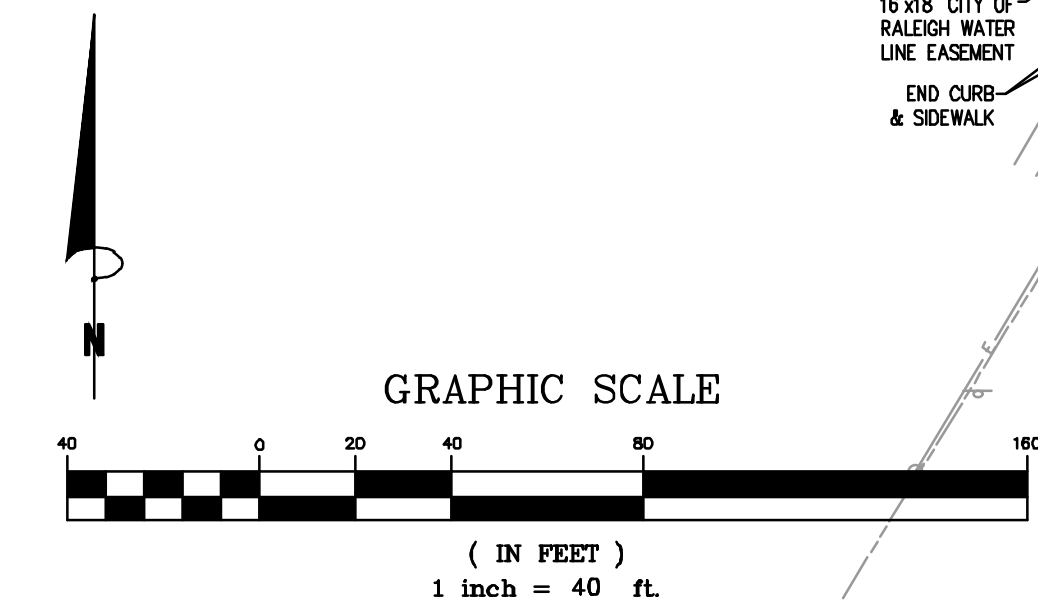
PARKING REQUIREMENT: 1.0 SPACES PER SENIOR DWELLING UNIT (NCHFA)
 1.0 SPACE PER UNIT REQUESTED (PARKING STUDY)
 TOTAL REQUIRED: 72 UNITS = 72 PARKING SPACES
 PARKING SPACES PROVIDED: 81
 PARKING SPACE DIMENSIONS: 8'5" x 18' MIN
 MIN DRIVE AISLE: 20 FT ONE-WAY, 24 FT TWO-WAY
 ACCESSIBLE SPACES PROVIDED: 12

LANDSCAPE BUFFERS: 10 FT TYPE A BUFFER (ADJACENT RMW)
 15 FT TYPE C STREETSCAPE BUFFER ALONG PONY ROAD



IMPERVIOUS AREA SUMMARY

ON-SITE AREA = 333,957 SF (7.667 AC)			
BUILDINGS	22,721 SF	0.53 ACRES	6.80% OF AREA
SIDEWALK	5,235 SF	0.12 ACRES	1.57% OF AREA
PAVEMENT	34,940 SF	0.80 ACRES	10.48% OF AREA
TOTAL IMPERVIOUS AREA	62,896 SF	1.44 ACRES	18.83% OF AREA
GREEN/OPEN SPACE	271,061 SF	6.22 ACRES	81.17% OF AREA
EXISTING IMPERVIOUS AREA	5,984 SF	0.14 ACRES	1.79% OF AREA
INCREASE IN IMPERVIOUS AREA	56,912 SF	1.30 ACRES	



- SITE KEYNOTES**
- DUMPSTER ENCLOSURE
 - INSTALL NEW CONCRETE PAD OF 4000 PSI BROOM FINISHED CONCRETE WITH 6"x6"x 1/8" WVF STEEL REINFORCEMENT. REFER TO DETAIL SHEET
 - ASPHALT PAVEMENT PARKING LINES 4" WIDE PAINTED WHITE
 - CONSTRUCT 6" HIGH CONC. CURB & GUTTER CONTINUOUS AROUND SITE. BACKFILL TO TOP OF CURB. REFER TO DETAIL
 - PROVIDE HANDICAP RAMP PER FEDERAL & LOCAL ACCESSIBILITY REQUIREMENTS. REFER TO DETAIL
 - HANDICAP PARKING SIGN. REFER TO DETAIL SHEET
 - NEW BROOM FINISHED CONCRETE SIDEWALK SLOPED AT 1/8" FT. MAX. FOR POSITIVE DRAINAGE.
 - ASPHALT PAVEMENT DESIGN AS PER GEOTECHNICAL REPORT SPECIFICATIONS.
 - STANDARD DUTY ASPHALT PAVEMENT
 - HEAVY DUTY ASPHALT PAVEMENT
 - CONCRETE PAVEMENT
 - LANDSCAPING - AREA OF NEW SOD.
 - BOLLARDS
 - SEEDED AREA
 - SITE LIGHT
 - PROPOSED PARKING COUNT

Bowman

Bowman North Carolina Ltd.
 4006 BARRIETT DR
 Suite 104
 RALEIGH, NC 27609
 Phone: (919)555-6570
 bowman.com

Wake County
 Zebulon, NC

SITE PLAN
 The Carrington
 303 Pony Road

PLAN STATUS

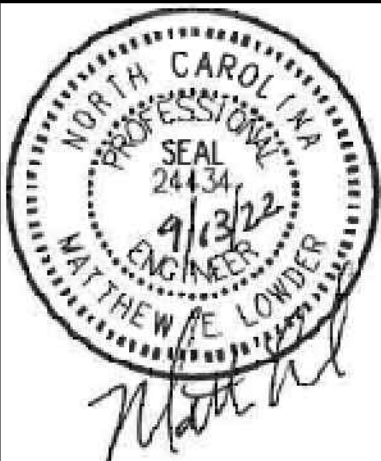
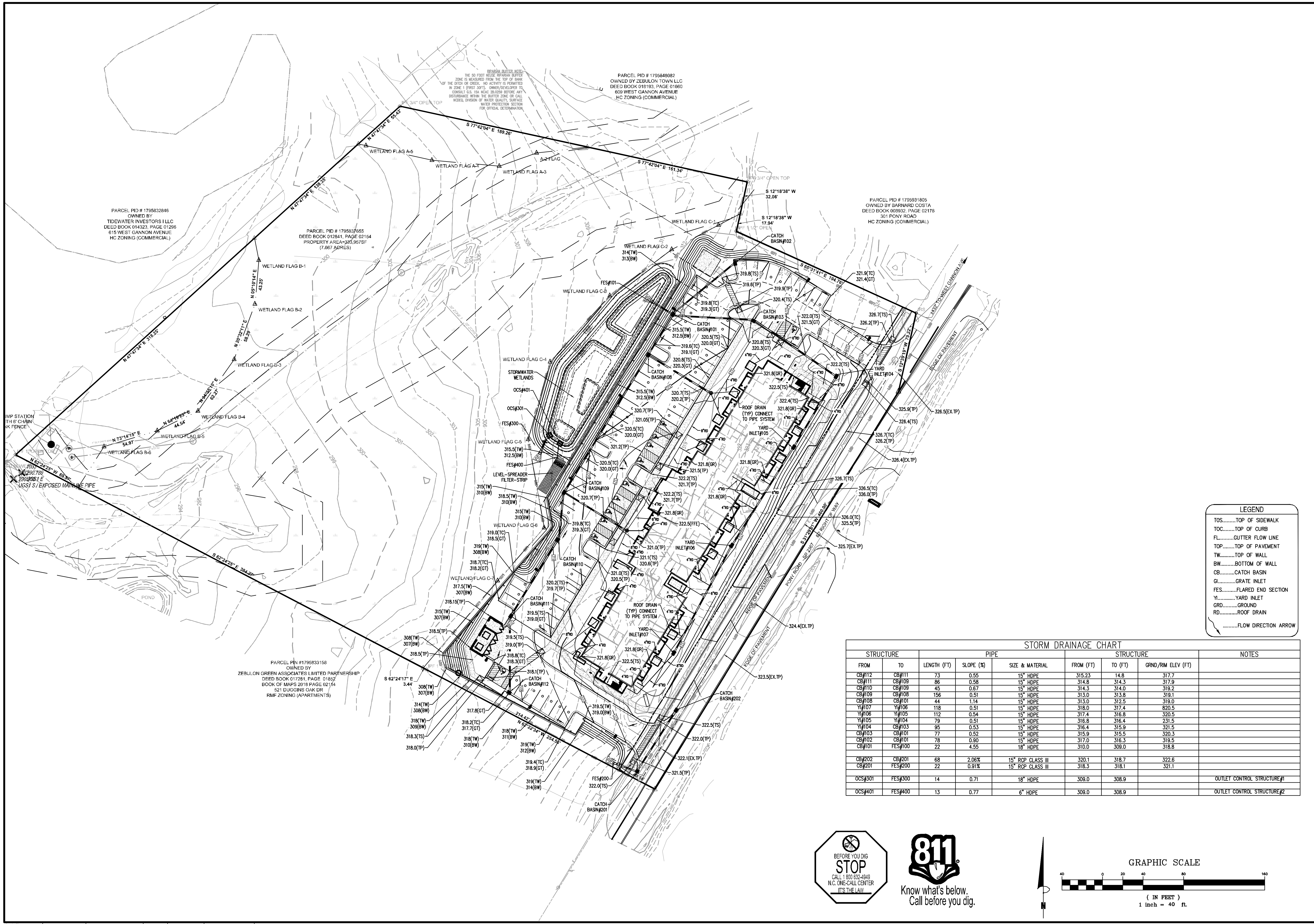
5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TREES
DATE	DESCRIPTION

MEL DESIGN
 MEL DRAWN
 XXX CHKD

SCALE: H: 1" = 40'
 V: 1" = 100'

JOB No. 000000-00-000
 DATE October 29, 2021
 FILE No. 000000-D-CP-000

SHEET **C3.0**

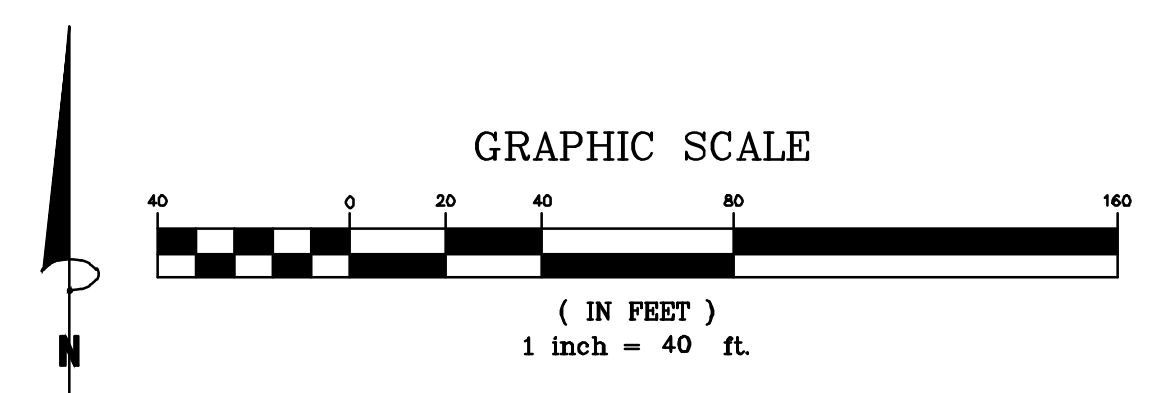


PLAN STATUS		
5/25/22	PER DEQ REVIEW	
6/16/22	PER DEQ REVIEW	
6/24/22	PER COUNTY REVIEW	
7/6/22	PER NCDOT REVIEW	
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DATE	DESCRIPTION	
MEL DESIGN	MEL DRAWN	XXX CHKD
SCALE: H: 1" = 40' V: 1" = XXX'		
JOB No. 000000-00-000		
DATE October 29, 2021		
FILE No. 000000-0-CP-000		
SHEET		C4.0

LEGEND

- TOS.....TOP OF SIDEWALK
- TOC.....TOP OF CURB
- FL.....GUTTER FLOW LINE
- TOP.....TOP OF PAVEMENT
- TW.....TOP OF WALL
- BW.....BOTTOM OF WALL
- CB.....CATCH BASIN
- GI.....GRATE INLET
- FES.....FLARED END SECTION
- YI.....YARD INLET
- GRD.....GROUND
- RD.....ROOF DRAIN
-FLOW DIRECTION ARROW

STORM DRAINAGE CHART							
STRUCTURE		PIPE			STRUCTURE		NOTES
FROM	TO	LENGTH (FT)	SLOPE (%)	SIZE & MATERIAL	FROM (FT)	TO (FT)	GRND/RIM ELEV (FT)
CB#112	CB#111	73	0.55	15" HDPE	315.23	14.8	317.7
CB#111	CB#109	86	0.58	15" HDPE	314.8	314.3	317.9
CB#110	CB#109	45	0.67	15" HDPE	314.3	314.0	319.2
CB#109	CB#108	156	0.51	15" HDPE	313.0	313.8	319.1
CB#108	CB#101	44	1.14	15" HDPE	313.0	312.5	319.0
YI#107	YI#106	118	0.51	15" HDPE	318.0	317.4	820.5
YI#106	YI#105	112	0.54	15" HDPE	317.4	316.8	320.5
YI#105	YI#104	79	0.51	15" HDPE	316.8	316.4	231.5
YI#104	CB#103	95	0.53	15" HDPE	316.4	315.9	321.5
CB#103	CB#101	77	0.52	15" HDPE	315.9	315.5	320.3
CB#102	CB#101	78	0.90	15" HDPE	317.0	316.3	319.5
CB#101	FES#100	22	4.55	18" HDPE	310.0	309.0	318.8
CB#202	CB#201	68	2.06%	15" RCP CLASS III	320.1	318.7	322.6
CB#201	FES#200	22	0.91%	15" RCP CLASS III	318.3	318.1	321.1
OCS#301	FES#300	14	0.71	18" HDPE	309.0	308.9	
OCS#401	FES#400	13	0.77	6" HDPE	309.0	308.9	



EROSION CONTROL NOTES:
 AN EROSION AND SEDIMENTATION CONTROL PERMIT SHALL BE REQUIRED BY WAKE COUNTY PRIOR TO START OF CONSTRUCTION.

SURVEY NOTES:
 ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A LAND SURVEY PREPARED BY: BOWMAN

STREAM/WETLAND NOTE:
 THERE ARE EXISTING STREAM/AND OR WETLAND FEATURES ON THE PROPOSED PARCEL. THERE ARE NO PROPOSED IMPACTS TO THE EXISTING STREAM AND/OR WETLAND FEATURES.

FLOOD ZONE NOTE:
 THE PROPERTY IS LOCATED IN FLOOD ZONE X AS SHOWN ON FEMA FLOOD PANEL 3720778500L DATED MAY 2, 2006. MAPS SUBJECT TO CHANGE BY FEMA

IMPERVIOUS AREA SUMMARY			
ON-SITE AREA = 333,957 SF (7.667 AC)			
BUILDINGS	22,721 SF	0.52 ACRE(S)	6.80 % OF AREA
SIDEWALK	5,235 SF	0.12 ACRE(S)	1.57 % OF AREA
PAVEMENT	24,340 SF	0.56 ACRE(S)	7.29 % OF AREA
TOTAL IMPERVIOUS AREA	52,296 SF	1.20 ACRE(S)	15.63 % OF AREA
GREEN/OPEN SPACE	271,061 SF	6.22 ACRE(S)	81.17 % OF AREA
EXISTING IMPERVIOUS AREA	5,884 SF	0.14 ACRE(S)	1.79 % OF AREA
INCREASE IN IMPERVIOUS AREA	46,412 SF	1.06 ACRE(S)	13.94 % OF AREA

GRADING NOTES

- REFER TO THE SITE PLAN FOR RELATED NOTES.
- ALL CONTOURS AND SPOT ELEVATIONS REFLECT FINISHED GRADES.
- ALL ELEVATIONS ARE IN REFERENCE TO THE BENCHMARK, AND THIS MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAKING.
- THE CONTRACTOR SHALL IMMEDIATELY REPORT TO OWNER ANY DISCREPANCIES FOUND BETWEEN ACTUAL FIELD CONDITIONS AND CONSTRUCTION DOCUMENTS AND SHALL WAIT FOR INSTRUCTION PRIOR TO PROCEEDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING UTILITIES, AND SHALL REPAIR ALL DAMAGE TO EXISTING UTILITIES THAT OCCUR DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY TO TRANSITION BACK TO EXISTING GRADE.
- LIMITS OF CLEARING SHOWN ON GRADING PLAN ARE BASED UPON THE APPROXIMATE CUT AND FILL SLOPE LIMITS, OR OTHER GRADING REQUIREMENTS.
- THE PROPOSED CONTOURS SHOWN IN DRIVES AND PARKING LOTS AND SIDEWALKS ARE FINISHED ELEVATIONS INCLUDING ASPHALT. REFER TO PAVEMENT CROSS SECTION DATA TO ESTABLISH CORRECT SUBBASE OR AGGREGATE BASE COURSE ELEVATIONS TO BE COMPLETED UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE SO THAT RUNOFF WILL DRAIN BY GRAVITY FLOW ACROSS NEW PAVEMENT AREAS TO NEW OR EXISTING DRAINAGE INLETS OR SHEET OVERLAND.
- ANY GRADING, BEYOND THE LIMITS OF CONSTRUCTION AS SHOWN ON THE GRADING PLAN, IS PROHIBITED.
- LAND DISTURBANCE WITHOUT AN APPROVED ESC PLAN IS PROHIBITED.
- STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON DENUDED AREAS AND ESPECIALLY WHEN THE CONSTRUCTION SEQUENCE REQUIRES IT.
- ALL GRADED AREAS ARE TO BE STABILIZED (SEEDED OR LANDSCAPED) WITHIN 14 DAYS OF HAVING REACHED FINAL GRADE.
- EXISTING GRADES, CONTOURS, UTILITIES AND OTHER EXISTING FEATURES FROM FIELD RUN SURVEY.
- THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE ANY DEWATERING NECESSARY TO CONSTRUCT THE PROJECT AS SHOWN ON THE PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHEETING, SHORING, BRACING AND SPECIAL EXCAVATION MEASURES REQUIRED TO MEET OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THESE DRAWINGS. THE DESIGN ENGINEER ACCEPTS NO RESPONSIBILITY FOR THE DESIGN(S) TO INSTALL SAID ITEMS.
- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION, ELEVATION, AND DIMENSIONS OF EXIT DOORS, RAMPS, BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- ALL FILL MATERIALS, EXISTING BUILDING FOUNDATIONS, PAVEMENT AND UTILITY STRUCTURES, TOPSOIL, AND ANY OTHER DELETERIOUS MATERIALS SHALL BE COMPLETELY REMOVED FROM WITHIN THE BEARING ZONE BELOW THE STRUCTURE.
- ALL FOUNDATION EXCAVATION SHALL BE INSPECTED BY A QUALIFIED GEOTECHNICAL REPRESENTATIVE TO DETERMINE WHETHER UNSUITABLE MATERIAL MUST BE REMOVED. ALL UNSUITABLE MATERIAL SHALL BE REMOVED, BACKFILLED AND COMPACTED AS REQUIRED BY THE GEOTECHNICAL REPRESENTATIVE.
- ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED OR DEPICTED.
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3:1V OR STEEPER.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

DRAINAGE NOTES

- A MINIMUM GRADE OF 0.50 % SHALL BE MAINTAINED ON ALL PIPES, UNLESS OTHERWISE NOTED.
- PIPE LENGTHS AND SLOPES INDICATED ON THE PLANS ARE APPROXIMATE ONLY.
- UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 - NO MORE THAN 500 LF OF TRENCH MAY BE OPENED AT ONE TIME.
 - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 - EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
 - MATERIAL USED FOR BACK-FILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
 - RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL REGULATIONS.
 - APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
- CATCH BASINS, MANHOLES, FRAMES, GRATES, ETC. SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS. REFERENCE THE FOLLOWING STANDARD DETAILS:
 - 840.02 – CONCRETE CATCH BASIN
 - 840.03 – FRAME, GRATES, AND HOOD FOR CATCH BASINS
 - 840.14 – CONCRETE DROP INLET
 - 840.04 – CONCRETE OPEN THROAT CATCH BASIN
 - 840.14 – CONCRETE DROP INLET
 - 840.16 – DROP INLET FRAME AND GRATES
 - 840.31 – CONCRETE JUNCTION BOX
 - 840.36 – TRAFFIC BEARING GRATED DROP INLET
 - 840.52 – PRECAST MANHOLE
 - 840.45 – PRECAST DRAINAGE STRUCTURE
 - 838.80 – PRECAST CONCRETE ENDWALL
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
 - TYPE 1: RCP, CLASS III PER ASTM C-76, WITH FLEXIBLE PLASTIC BITUMEN GASKETS AT JOINTS.
 - TYPE 2: HIGH DENSITY POLYETHYLENE PIPE (HDPE) – AASHTO DESIGNATION M252 TYPE S, M294 TYPE S AND MP7-97 TYPE S, SMOOTH INTERIOR/ANNULAR EXTERIOR. ONLY PERMITTED WHEN SPECIFICALLY INDICATED ON THE CONSTRUCTION DRAWINGS. PIPE SHALL BE INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURER'S INSTALLATION GUIDELINES. PIPE JOINTS AND FITTINGS SHALL BE WATERTIGHT.
- ALL STORM DRAINAGE WITHIN THE PUBLIC ROADS SHALL BE CLASS III REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE SILT AND DEBRIS.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- PRECAST STRUCTURES MAYBE USED AT CONTRACTORS OPTION.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
- STRUCTURE TOP ELEVATIONS SHOWN HERE ARE APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.
- RIM ELEVATIONS AS NOTED ARE TO THE GUTTER FLOW LINE.

Bowman

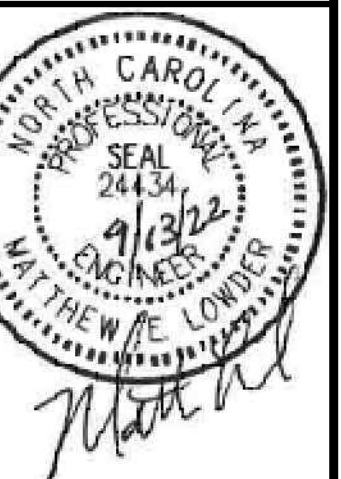
Bowman North Carolina Ltd.
 4006 BARRETT DR
 Suite 104
 RALEIGH, NC 27609
 Phone: (919)553-6570
 bowman.com
 Bowman North Carolina Ltd.

GRADING & DRAINAGE NOTES

The Carrington
 303 Pony Road

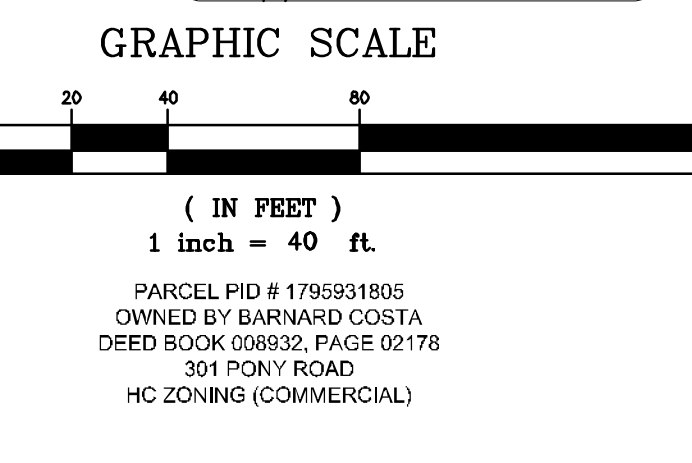
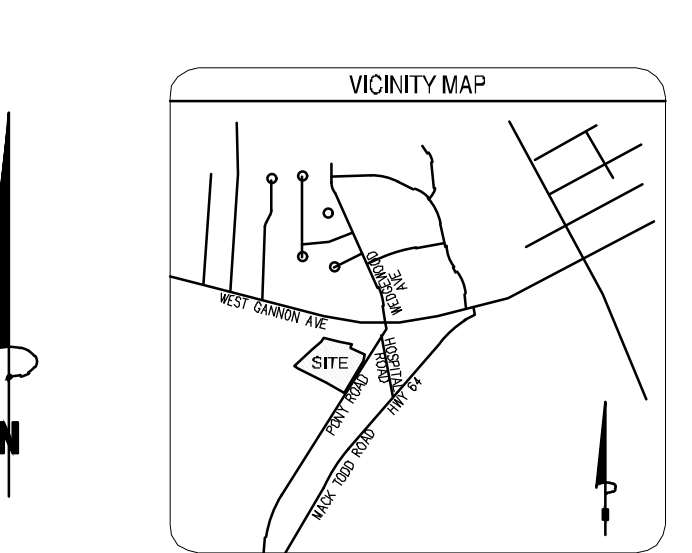
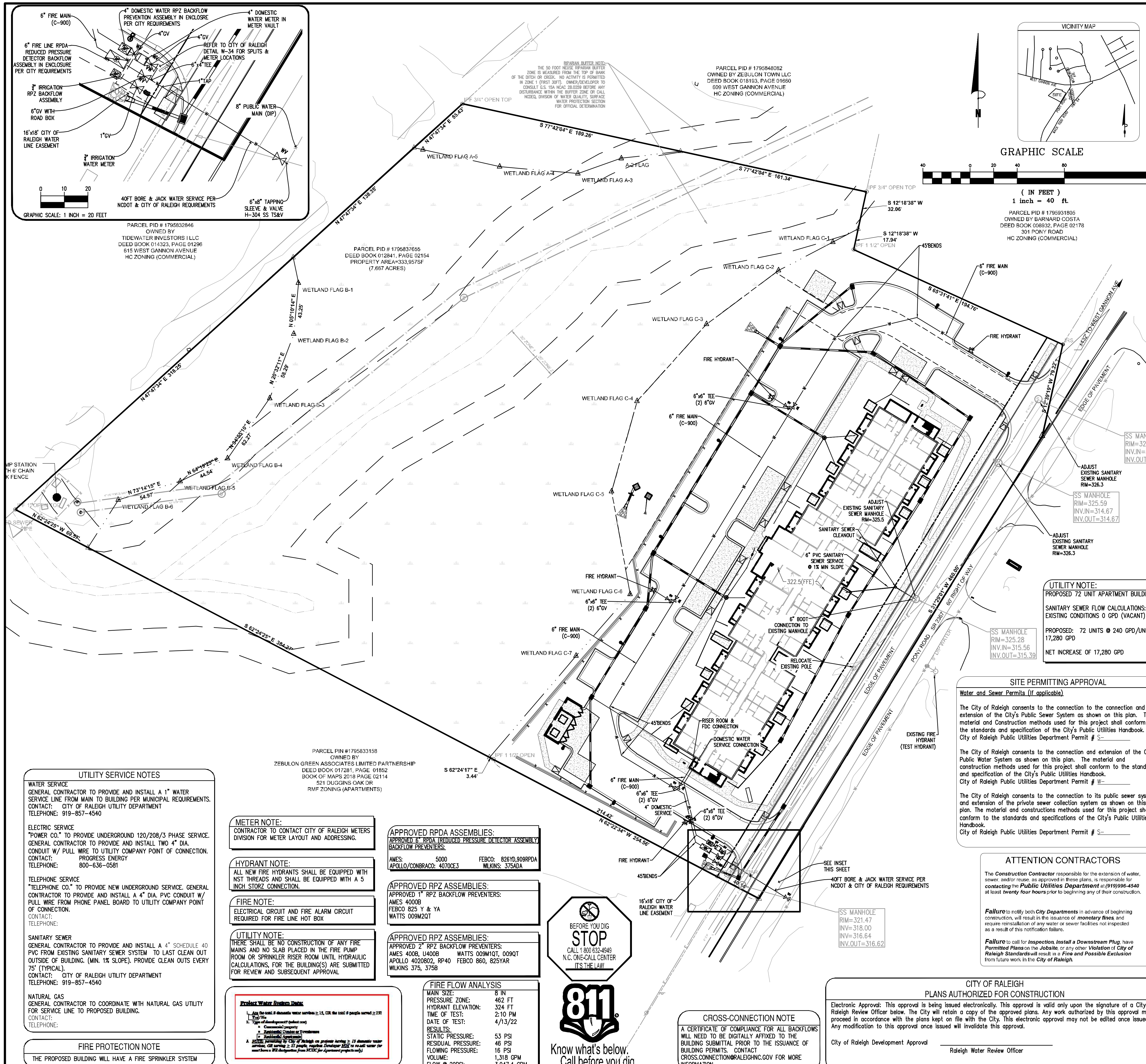
Wake County

Zebulon, NC



PLAN STATUS		
5/25/22	PER DEQ REVIEW	
6/16/22	PER DEQ REVIEW	
6/24/22	PER COUNTY REVIEW	
7/6/22	PER NCDOT REVIEW	
9/13/22	ADJUSTED STREET TREES	
DATE	DESCRIPTION	
MEL DESIGN	MEL DRAWN	XXX CHKD
SCALE	H: 1" = 40' V: 1" = XXX'	
JOB No.	000000-00-000	
DATE	October 29, 2021	
FILE No.	000000-D-CP-000	

SHEET C4.1



PARCEL PID # 179584082
 OWNED BY ZEBULON TOWN, LLC
 DEED BOOK 018163, PAGE 01860
 600 WEST GANNON AVENUE
 HC ZONING (COMMERCIAL)

PARCEL PID # 179582846
 OWNED BY TIDEWATER INVESTORS I LLC
 DEED BOOK 011523, PAGE 01296
 615 WEST GANNON AVENUE
 HC ZONING (COMMERCIAL)

PARCEL PID # 1795837655
 DEED BOOK 012841, PAGE 02154
 PROPERTY AREA: 303.8975 ACRES
 (7.667 ACRES)

PARCEL PID # 179583158
 OWNED BY ZEBULON GREEN ASSOCIATES LIMITED PARTNERSHIP
 DEED BOOK 017281, PAGE 01862
 BOOK OF MAPS 2018, PAGE 02114
 521 DUGGINS OAK DR
 RMF ZONING (APARTMENTS)

- UTILITY NOTES**
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH CITY OF RALEIGH STANDARD DRAWINGS AND SPECIFICATIONS.
 - IN THE EVENT THAT A UTILITY ITEM IS NOT COVERED BY THESE PLANS, THEN THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT HANDBOOK COVERING SUCH ITEMS SHALL APPLY.
 - WATER SERVICES 3/4-INCH TO 2-INCH SHALL BE TYPE "K" SOFT COPPER. ALL OTHER WATER MAINS, SERVICES, AND FITTINGS SHALL BE CEMENT-LINED DUCTILE IRON PIPE PER CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
 - GRAVITY SANITARY SEWER MAINS SHALL BE DUCTILE IRON PIPE OR PVC PIPE, AS SPECIFIED IN THESE PLANS AND CITY OF RALEIGH STANDARDS AND SPECIFICATIONS. SANITARY SEWER SERVICES SHALL BE SCHEDULE 40 PVC.
 - CLEAN-OUT SYMBOLS SHOWN ON THESE PLANS REPRESENT LOCATION OF SURFACE ACCESS POINT. CONTRACTOR SHALL LOCATE WYE APPROPRIATELY BASED ON PIPE DEPTH.
 - ALL MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF RALEIGH STANDARDS. MANHOLE DIAMETER SHALL VARY DEPENDING ON PIPE DIAMETER AND DEPTH, PER CITY OF RALEIGH STANDARDS.
 - LOCATIONS AND SIZES OF EXISTING UTILITIES SHOWN ON THESE PLANS WERE TAKEN FROM MAPS PREPARED BY OTHERS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD LOCATING ALL UTILITIES AND FOR DAMAGES RESULTING FROM FAILURE TO DO SO.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RECORD DRAWINGS TO THE ENGINEER SHOWING THE LOCATION OF WATER AND SEWER SERVICES AND ANY DEVIATIONS FROM PLANS MADE DURING CONSTRUCTION. THE ENGINEER WILL PROVIDE THESE RECORD DRAWINGS TO THE OWNER.
 - WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" BELOW PROPOSED GRADE.
 - ALL UNDERGROUND UTILITIES AND FIRE HYDRANTS MUST BE FUNCTIONALLY APPROVED PRIOR TO STRUCTURAL CONSTRUCTION.
 - THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS.
 - DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
 - ALL WATER AND SANITARY LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END.
 - ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
 - GENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.
 - ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE WATER AUTHORITY INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 - ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 24" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
 - PRESSURE REDUCING VALVES WILL BE REQUIRED ON THE DOMESTIC WATER MAINS IF THE STATIC PRESSURE AT THE BUILDING EXCEEDS 80PSI.
 - IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10' FEET ON BOTH SIDES OF CROSSING, THE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 24" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
 - DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
 - CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF RALEIGH WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES OR UTILITIES BY OTHERS AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ALL CONSTRUCTION METHODS & MATERIALS SHALL CONFORM WITH THE CURRENT SPECIFICATIONS AND STANDARDS OF THE AMERICAN WATER WORKS ASSOCIATION (AWWA). THE AWWA CONSTRUCTION STANDARDS ARE SET FORTH IN THEIR CONSTRUCTION SPECIFICATIONS AND STANDARD FOR WATER AND SANITARY SEWERAGE FACILITIES. A COPY OF WHICH MUST BE PURCHASED FROM THE AWWA BY THE CONTRACTOR AND KEPT AT THE JOB SITE AT ALL TIMES. REFERENCE TO NCDOT SHALL MEAN THE CURRENT STANDARDS AND/OR SPECIFICATIONS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION.
 - THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE BELOW PLAN GRADE ANY MATERIALS WHICH ARE UNSUITABLE FOR FOUNDATIONS, SUB GRADES, PIPE TRENCH BOTTOMS OR OTHER PURPOSES AND BACKFILL THESE AREAS WITH AN APPROVED MATERIAL. THE EXTENT OF UNDERCUTTING AND BACKFILLING SHALL BE DETERMINED BY THE CITY OF RALEIGH AS TO AREAS WITHIN STREET RIGHT-OF-WAY AND THE ENGINEER IN OTHER AREAS. COMPENSATION SHALL BE AS SET FORTH IN THE CONTRACT DOCUMENTS.
 - A MINIMUM VERTICAL SEPARATION OF 24" SHALL BE MAINTAINED BETWEEN SANITARY SEWER & WATER LINES AND A FULL JOINT OF WATER LINE PIPE SHALL BE CENTERED WHERE WATER LINE CROSSES OVER SANITARY SEWER. WHERE CLEARANCE IS LESS THAN 18" BUT GREATER THAN 12", SANITARY SEWER SHALL BE PRESSURE TESTED DUCTILE IRON PIPE 10' FROM WATER-MAIN. WHEN WATER LINE CROSSES UNDER SANITARY SEWER, 18" MINIMUM CLEARANCE MUST BE MAINTAINED, AND SANITARY SEWER SHALL BE PRESSURE TESTED DUCTILE IRON PIPE 10' FROM WATER-MAIN.
 - ALL WATERLINES SHALL HAVE BURIED WITH THE PIPE # 12 COATED ELECTRIC WIRE AND BROUGHT UP INTO THE METER BOXES.
 - THE CONTRACTOR SHALL PROVIDE A SURVEY AS-BUILT RECORD DRAWING OF THE SANITARY SEWER SYSTEM AND THE WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF RALEIGH UTILITY DEPARTMENT.

- STANDARD UTILITY NOTES**
- All materials & construction methods shall be in accordance with City of Raleigh design standards, details & specifications (reference: CORPUD Handbook, current edition)
- Utility separation requirements:
 - A distance of 100' shall be maintained between sanitary sewer & any private or public water supply source such as an impounded reservoir used as a source of drinking water. If adequate lateral separation cannot be achieved, ferrous sanitary sewer pipe shall be specified & installed to waterline specifications. However, the minimum separation shall not be less than 25' from a private well or 50' from a public well.
 - When installing water &/or sewer mains, the horizontal separation between utilities shall be 10'. If this separation cannot be maintained due to existing conditions, the variation allowed is the water main in a separate trench with the elevation of the water main at least 18" above the top of the sewer & must be approved by the Public Utilities Director. All distances are measured from outside diameter to outside diameter.
 - Where it is impossible to obtain proper separation, or anytime a sanitary sewer passes over a watermain, DIP materials or steel encasement extended 10' on each side of crossing must be specified & installed to waterline specifications.
 - 5.0' minimum horizontal separation is required between all sanitary sewer & storm sewer facilities, unless DIP material is specified for sanitary sewer.
 - Maintain 18" min. vertical separation at all watermain & RCP storm drain crossings; maintain 24" min. vertical separation at all sanitary sewer & RCP storm drain crossings. Where adequate separations cannot be achieved, specify DIP materials & a concrete cradle having 6" min. clearance (per CORPUD details W-41 & S-49)
 - All other underground utilities shall cross water & sewer facilities with 18" min. vertical separation required
 - Any necessary field revisions are subject to review & approval of an amended plan &/or profile by the City of Raleigh Public Utilities Department prior to construction.
 - Contractor shall maintain continuous water & sewer service to existing residences & businesses throughout construction of project. Any necessary service interruptions shall be preceded by a 24 hour advance notice to the City of Raleigh Public Utilities Department
 - 3.0' minimum cover is required on all water mains & sewer force mains. 4.0' minimum cover is required on all reuse mains
 - It is the developer's responsibility to abandon or remove existing water & sewer services not being used in redevelopment of a site unless otherwise directed by the City of Raleigh Public Utilities Department. This includes abandoning top at main & removal of service from ROW or easement per CORPUD Handbook procedure
 - Install 4" PVC water services with meters located at ROW or within a 2'x2' Waterline Encasement immediately adjacent. NOTE: it is the applicant's responsibility to properly size the water service for each connection to provide adequate flow & pressure
 - Install 6" PVC sewer services @ 1.0% minimum grade with cleanouts located at ROW or easement line & spaced every 75 linear feet maximum
 - Pressure reducing valves are required on all water services exceeding 80 psi; backwater valves are required on all sanitary sewer services having building drains lower than 1.0' above the sewer main horizontal
 - All environmental permits applicable to the project must be obtained from NCDOW, USACE &/or FEMA for any riparian buffer, wetland &/or floodplain impacts (respectively) prior to construction.
 - NCDOT / Railroad Encroachment Agreements are required for any utility work (including main extensions & service taps) within state or railroad ROW prior to construction
 - Grease Interceptor / Oil Water Separator sizing calculations & installation specifications shall be approved by the CORPUD FOG Program Coordinator prior to issuance of a Building Permit. Contact Stephen Covarty at (919) 996-2334 or Stephen.Covarty@raleighnc.gov for more information.
 - Cross-connection control protection devices are required based on degree of health hazard involved as listed in Appendix-B of the Rules Governing Building Water Systems in North Carolina. These guidelines are the minimum requirements. The devices shall meet American Society of Sanitary Engineering (ASSE) standards or be on the University of Southern California approved list. The device shall be installed and tested (both initial and periodic testing thereafter) in accordance with the manufacturer's recommendations or the local cross-connection control program, whichever is more stringent. Contact Joanie Hevey at (919) 212-5923 or joanie.hevey@raleighnc.gov for more information.

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

The City of Raleigh consents to the connection to the connection and extension of the City's Public Sewer System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specification of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # S-_____

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specification of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # W-_____

The City of Raleigh consents to the connection to its public sewer system and extension of the private sewer collection system as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # S-_____

ATTENTION CONTRACTORS

The Construction Contractor responsible for the extension of water, sewer, and/or reuse, as approved in these plans, is responsible for contacting the **Public Utilities Department** at (919) 996-4540 at least twenty four hours prior to beginning any of their construction.

Failure to notify both City Departments in advance of beginning construction, will result in the issuance of monetary fines and require reinstatement of any water or sewer facilities not inspected as a result of this notification failure.

Failure to call for inspection, install a Downstream Plug, have Permitted Plans on the Jobsite, or any other Violation of City of Raleigh Standards will result in a Fine and Possible Exclusion from future work in the City of Raleigh.

CITY OF RALEIGH
 PLANS AUTHORIZED FOR CONSTRUCTION

This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval _____
 Raleigh Water Review Officer _____

CROSS-CONNECTION NOTE

A CERTIFICATE OF COMPLIANCE FOR ALL BACKFLOWS WILL NEED TO BE DIGITALLY AFFIXED TO THE BUILDING SUBMITTAL PRIOR TO THE ISSUANCE OF BUILDING PERMITS. CONTACT CROSS.CONNECTION@RALEIGHNC.GOV FOR MORE INFORMATION.

UTILITY SERVICE NOTES

GENERAL CONTRACTOR TO PROVIDE AND INSTALL A 1" WATER SERVICE LINE FROM MAIN TO BUILDING PER MUNICIPAL REQUIREMENTS. CONTACT: CITY OF RALEIGH UTILITY DEPARTMENT TELEPHONE: 919-857-4540

ELECTRIC SERVICE
 "POWER CO." TO PROVIDE UNDERGROUND 120/208/3 PHASE SERVICE. GENERAL CONTRACTOR TO PROVIDE AND INSTALL TWO 4" DIA. CONDUIT W/ PULL WIRE TO UTILITY COMPANY POINT OF CONNECTION. CONTACT: PROGRESS ENERGY TELEPHONE: 800-636-0561

TELEPHONE SERVICE
 "TELEPHONE CO." TO PROVIDE NEW UNDERGROUND SERVICE. GENERAL CONTRACTOR TO PROVIDE AND INSTALL A 4" DIA. PVC CONDUIT W/ PULL WIRE FROM PHONE PANEL BOARD TO UTILITY COMPANY POINT OF CONNECTION. CONTACT: TELEPHONE TELEPHONE: 919-857-4540

SANITARY SEWER
 GENERAL CONTRACTOR TO PROVIDE AND INSTALL A 4" SCHEDULE 40 PVC FROM EXISTING SANITARY SEWER SYSTEM TO LAST CLEAN OUT OUTSIDE OF BUILDING. (MIN. 1% SLOPE). PROVIDE CLEAN OUTS EVERY 75' (TYPICAL). CONTACT: CITY OF RALEIGH UTILITY DEPARTMENT TELEPHONE: 919-857-4540

NATURAL GAS
 GENERAL CONTRACTOR TO COORDINATE WITH NATURAL GAS UTILITY FOR SERVICE LINE TO PROPOSED BUILDING. CONTACT: TELEPHONE: _____

FIRE PROTECTION NOTE
 THE PROPOSED BUILDING WILL HAVE A FIRE SPRINKLER SYSTEM

METER NOTE:
 CONTRACTOR TO CONTACT CITY OF RALEIGH METERS DIVISION FOR METER LAYOUT AND ADDRESSING.

HYDRANT NOTE:
 ALL NEW FIRE HYDRANTS SHALL BE EQUIPPED WITH NST THREADS AND SHALL BE EQUIPPED WITH A 5 INCH STRUT CONNECTION.

FIRE NOTE:
 ELECTRICAL CIRCUIT AND FIRE ALARM CIRCUIT REQUIRED FOR FIRE LINE HOT BOX

UTILITY NOTE:
 THERE SHALL BE NO CONSTRUCTION OF ANY FIRE MAINS AND NO SLAB PLACED IN THE FIRE PUMP ROOM OR SPRINKLER RISER ROOM UNTIL HYDRAULIC CALCULATIONS FOR THE BUILDING(S) ARE SUBMITTED FOR REVIEW AND SUBSEQUENT APPROVAL

APPROVED RPDA ASSEMBLIES:
 APPROVED 2" RPDA (REDUCED PRESSURE DETECTOR ASSEMBLY) BACKFLOW PREVENTERS:
 AMES 400B, U400B WATTS 090MOT, 090QT APOLLO 4020802, RP40 FEBCO 860, 825YAR WILKINS 375, 375B

APPROVED RPZ ASSEMBLIES:
 APPROVED 1" RPZ BACKFLOW PREVENTERS:
 AMES 400B FEBCO 825 Y & YA WATTS 090MOT

APPROVED RPZ ASSEMBLIES:
 APPROVED 2" RPZ BACKFLOW PREVENTERS:
 AMES 400B FEBCO 825YAR WILKINS 375, 375B

FIRE FLOW ANALYSIS
 MAIN SIZE: 8 IN
 PRESSURE ZONE: 462 FT
 HYDRANT ELEVATION: 324 FT
 TIME OF TEST: 2:10 PM
 DATE OF TEST: 4/13/22
 RESULTS:
 STATIC PRESSURE: 53 PSI
 RESIDUAL PRESSURE: 46 PSI
 FLOWING PRESSURE: 16 PSI
 VOLUME: 1,318 GPM
 FLOW @ 20PSI: 3,047.4 GPM



Bowman
 Utility Plan
 The Carrington
 303 Pony Road
 Zebulon, NC

Bowman North Carolina Ltd.
 4006 BARRIETT DR
 Suite 104
 RALEIGH, NC 27609
 Phone: (919) 955-6570
 bowman.com

Wake County

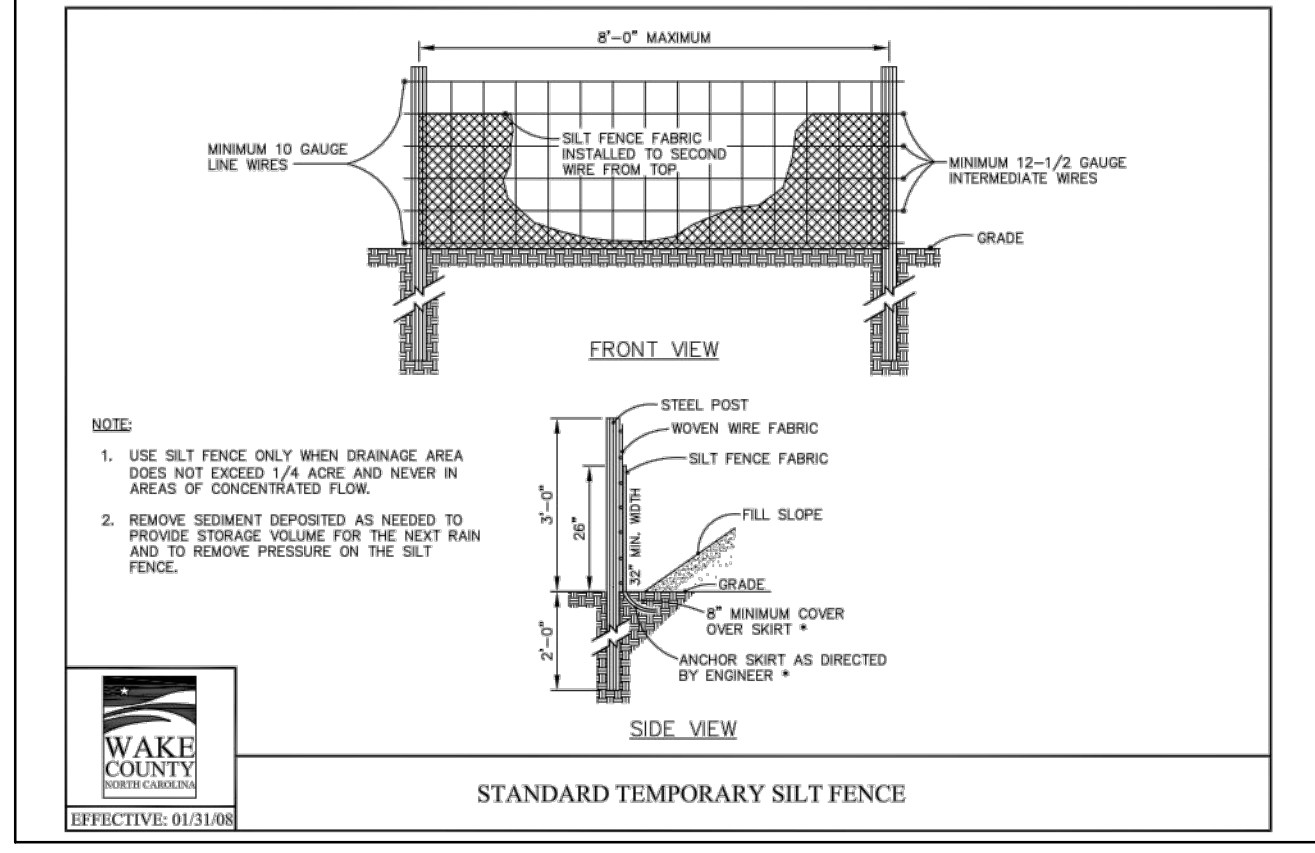
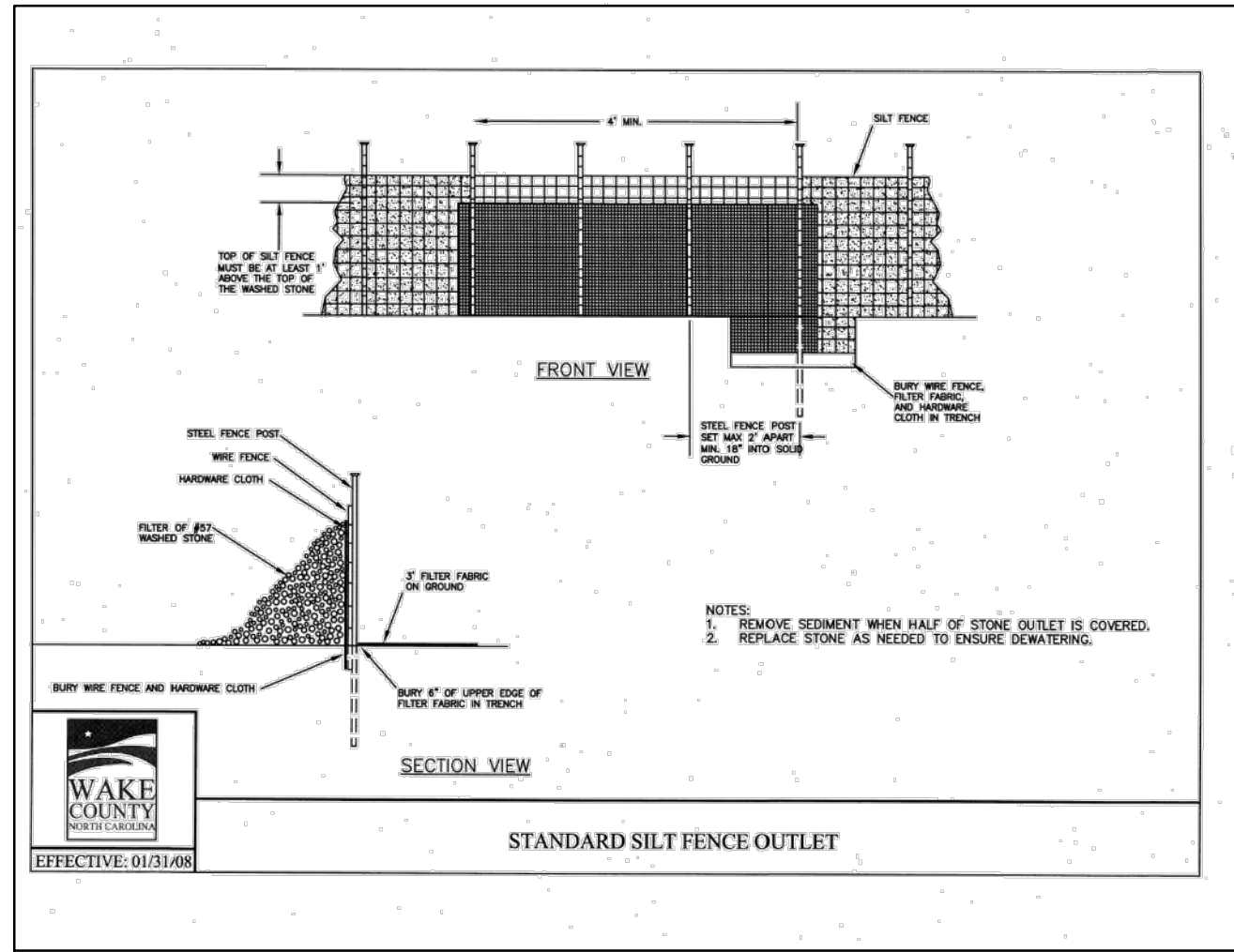
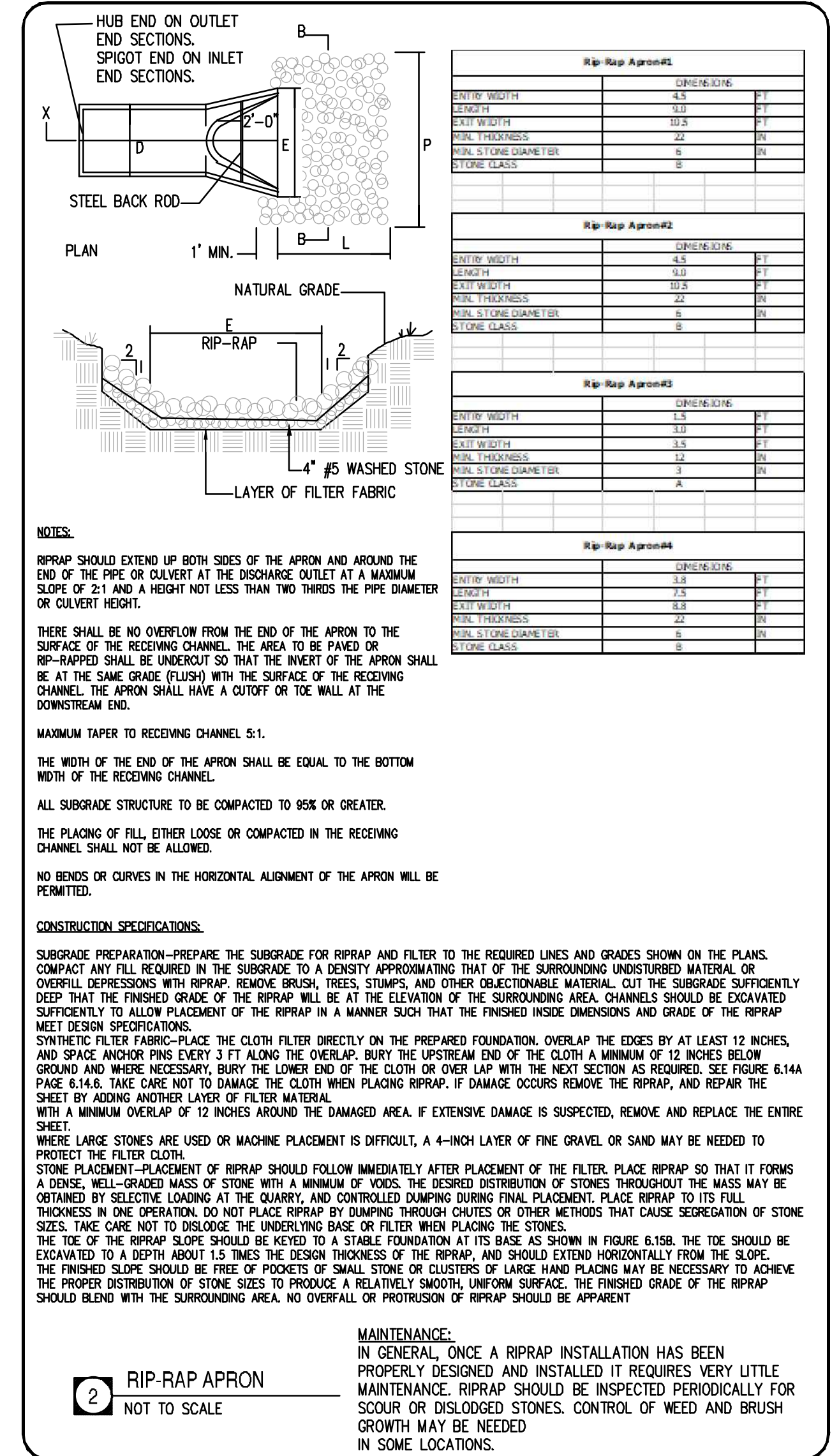
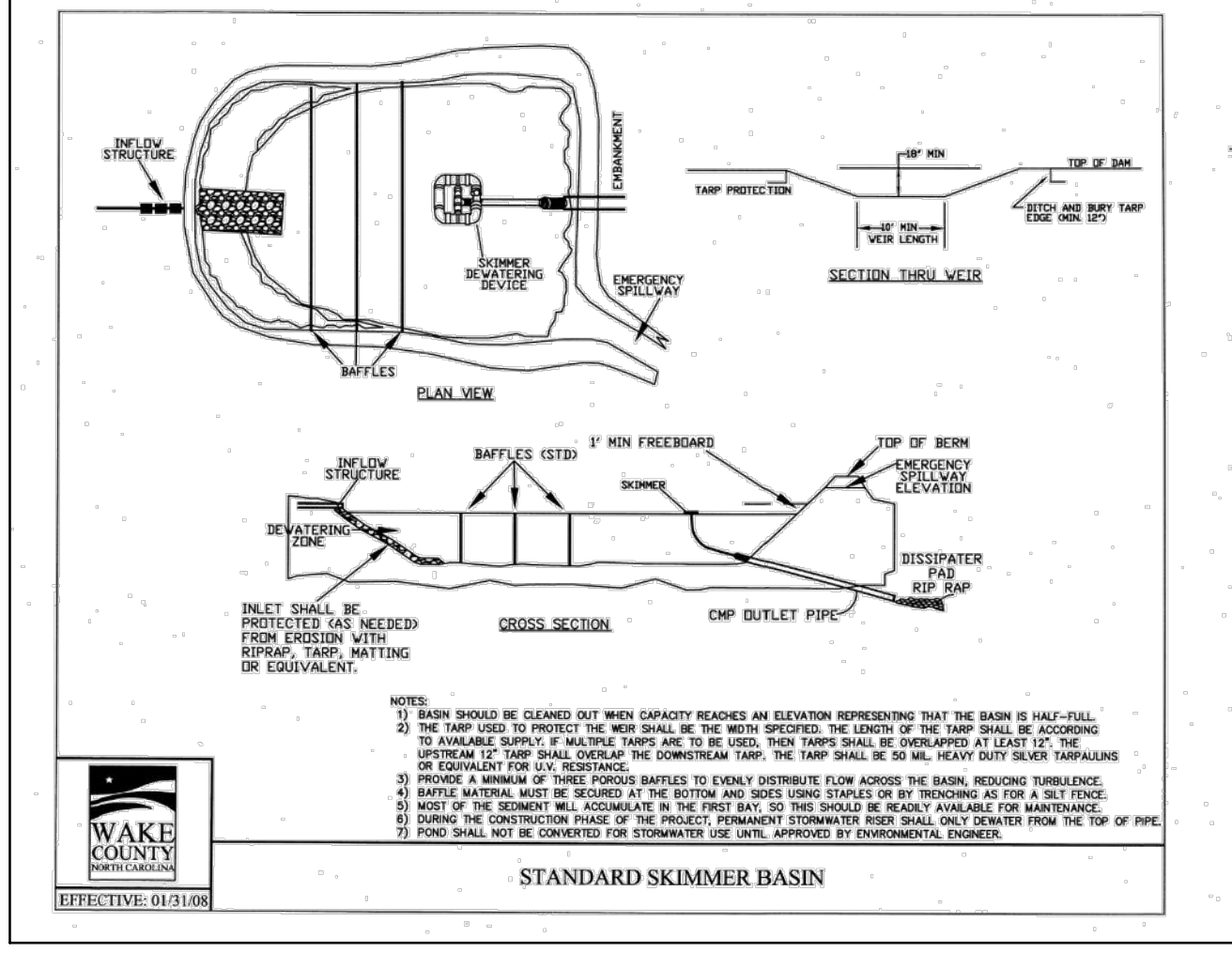
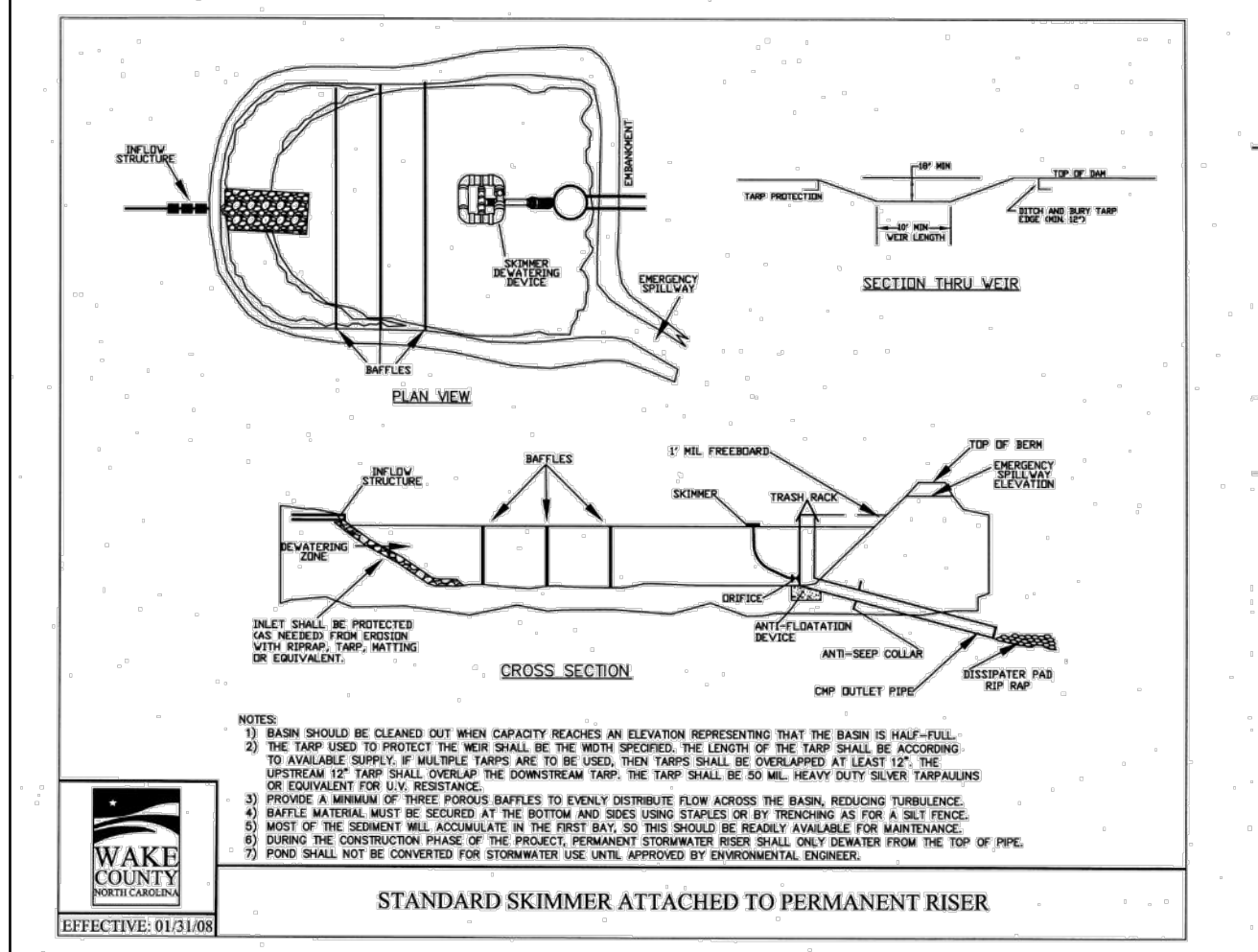
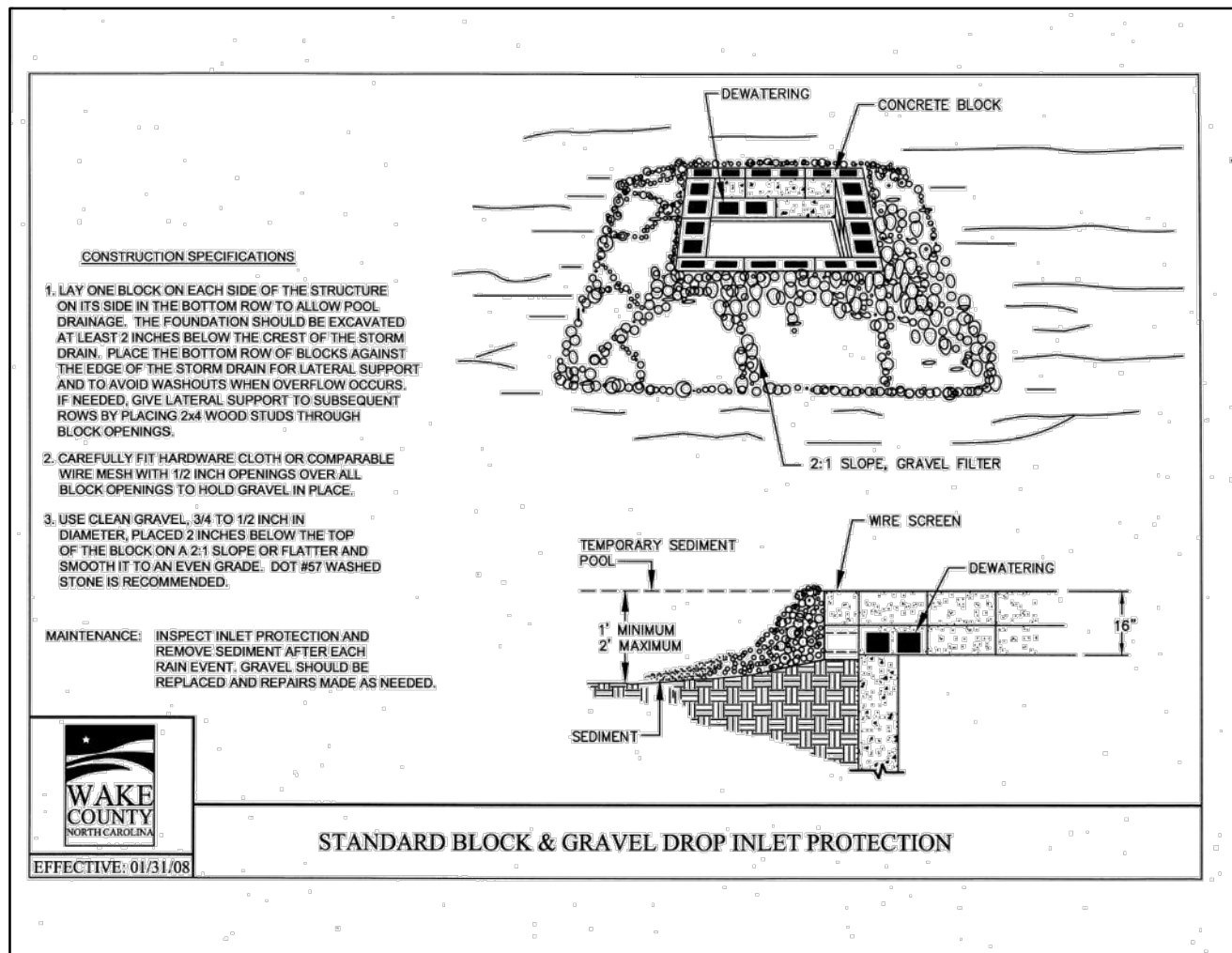
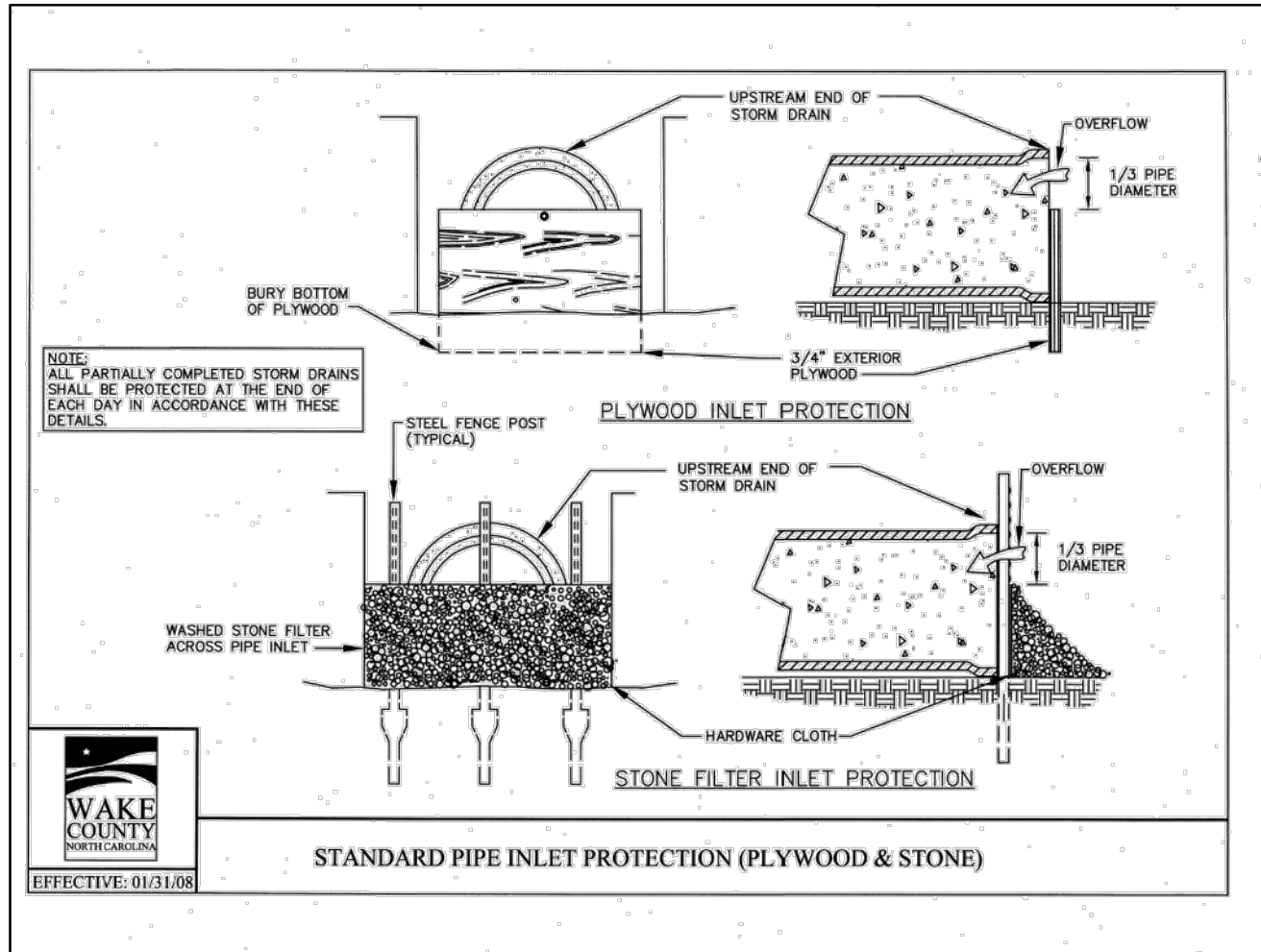
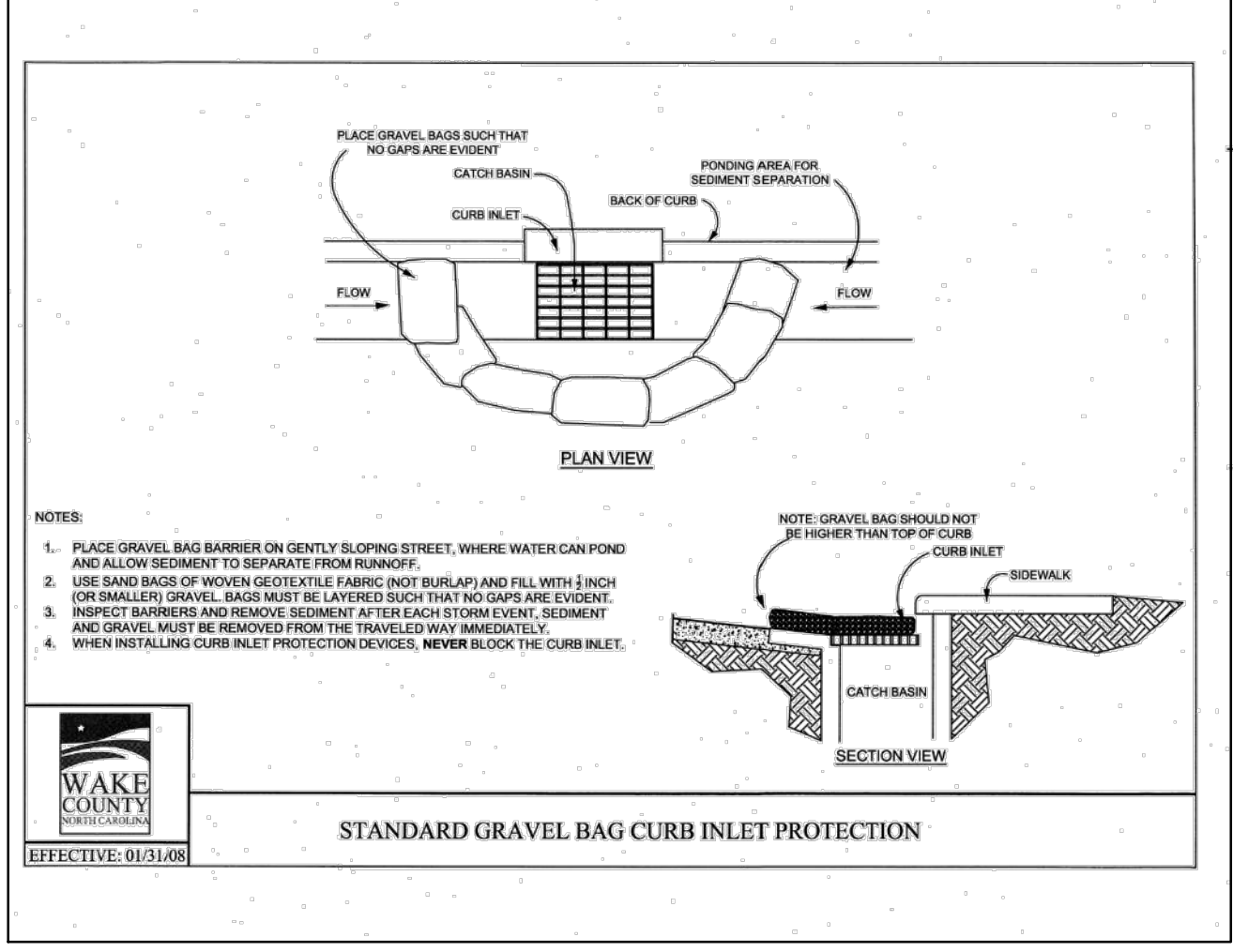
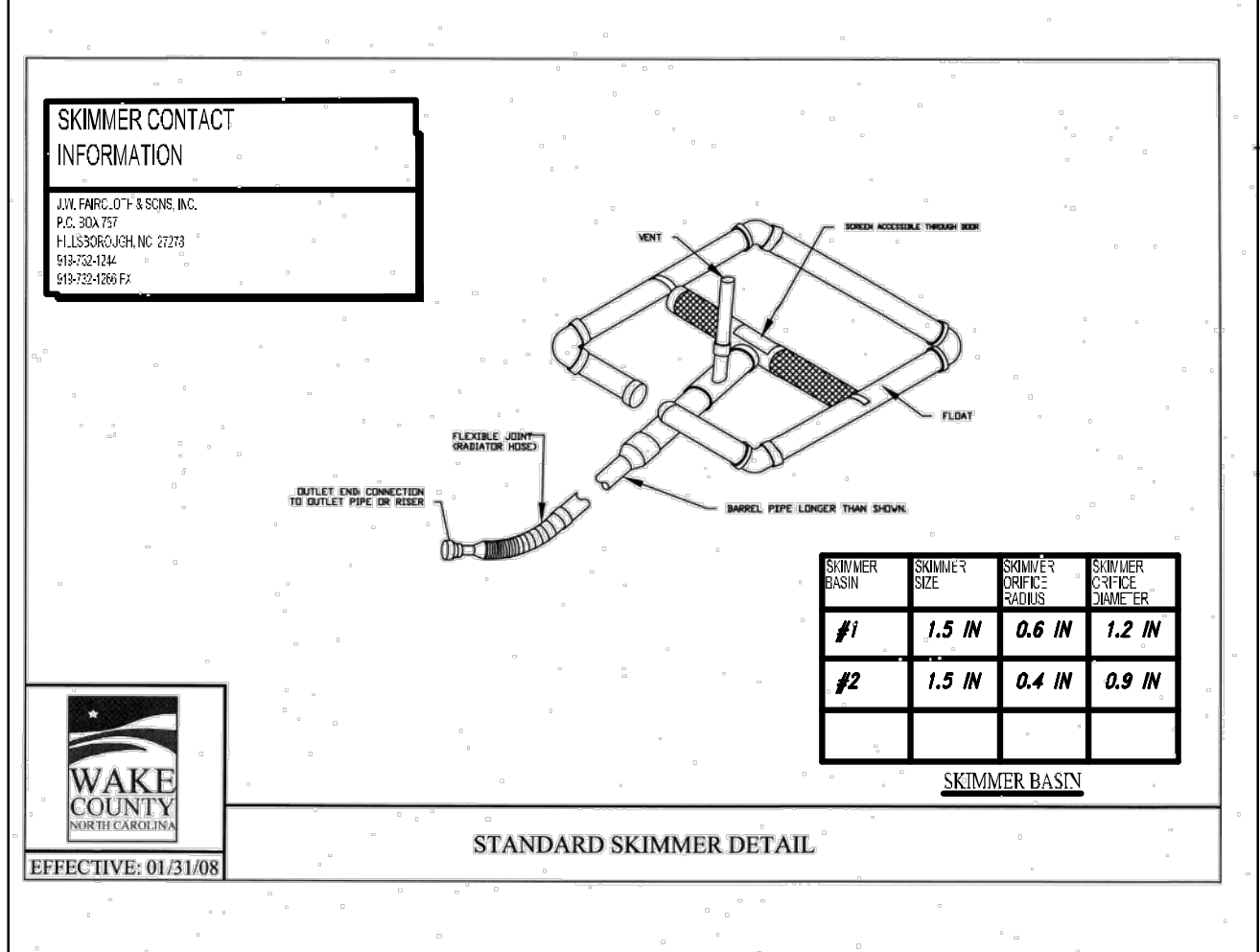
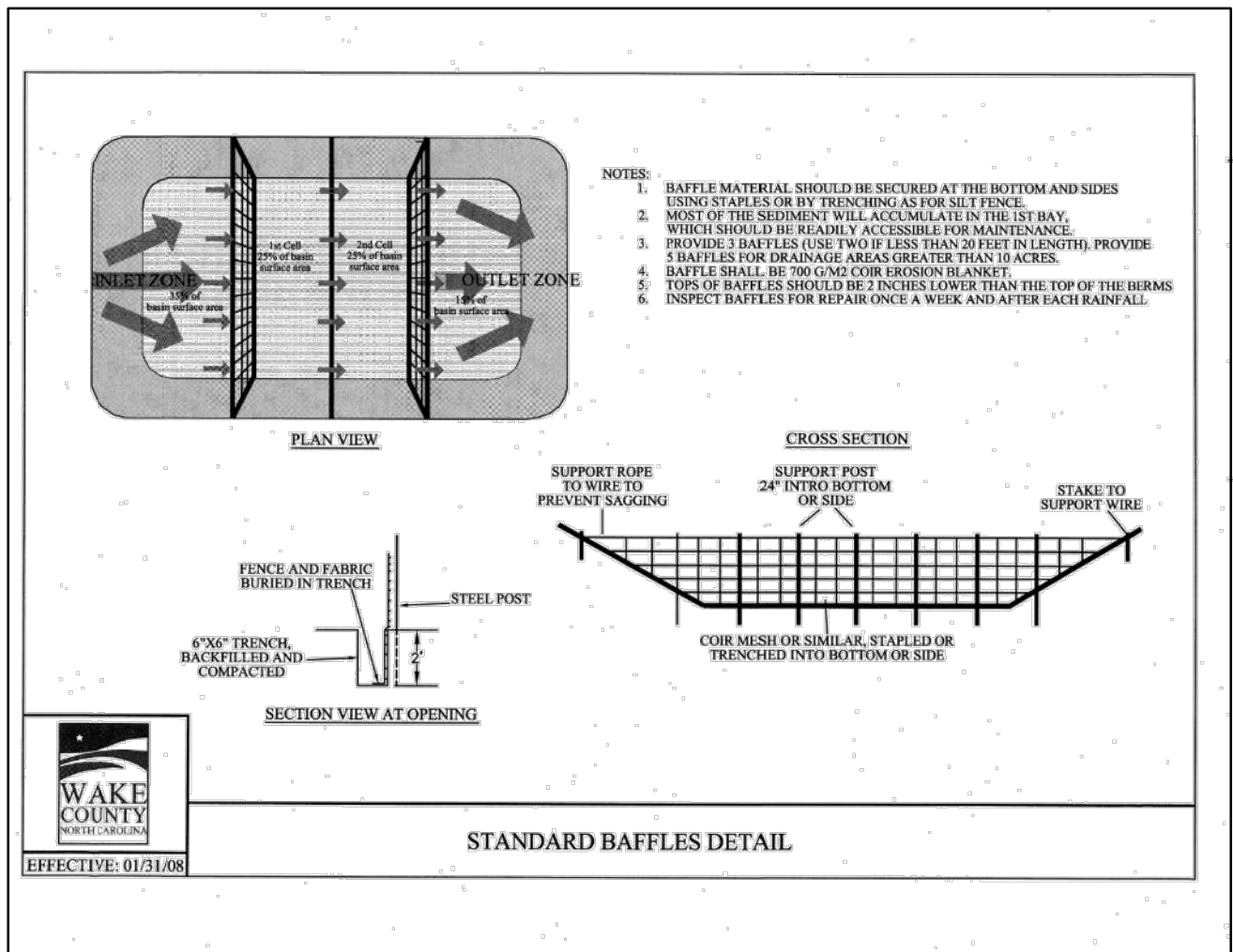
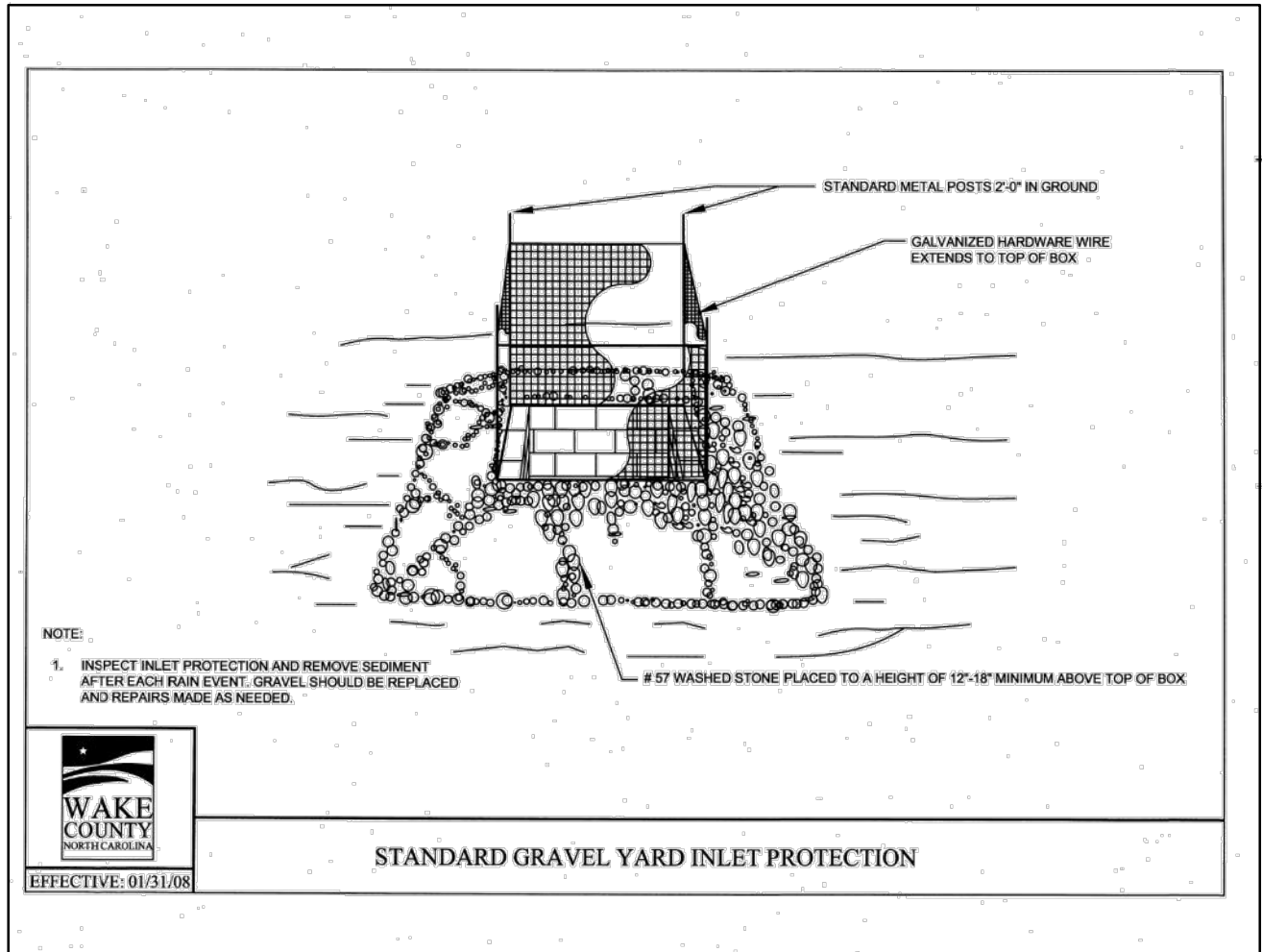
PLAN STATUS

DATE	DESCRIPTION
5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TREES

MEL DESIGN MEL DRAWN XXXX CHKD
 SCALE H: 1" = XXX' V: 1" = XXX'
 JOB No. 000000-00-000
 DATE October 29, 2021
 FILE No. 000000-D-CP-000

SHEET C5.0

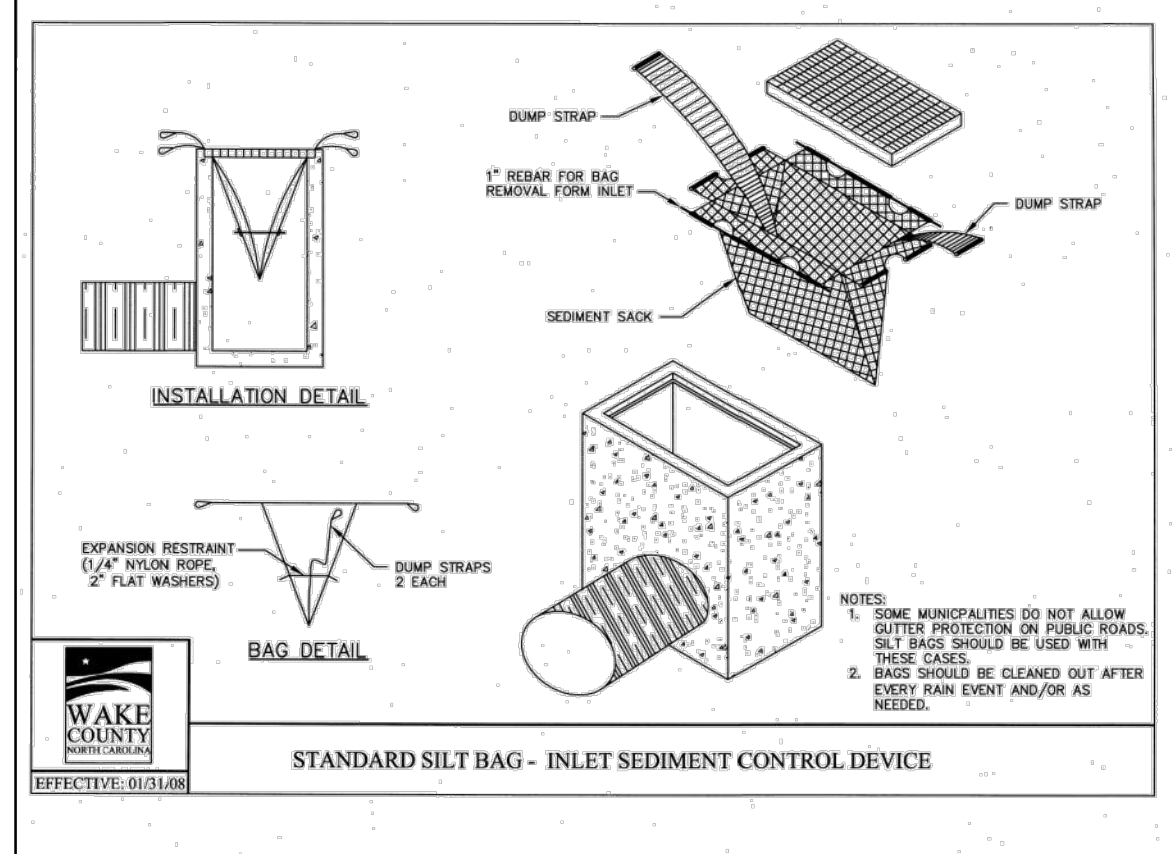
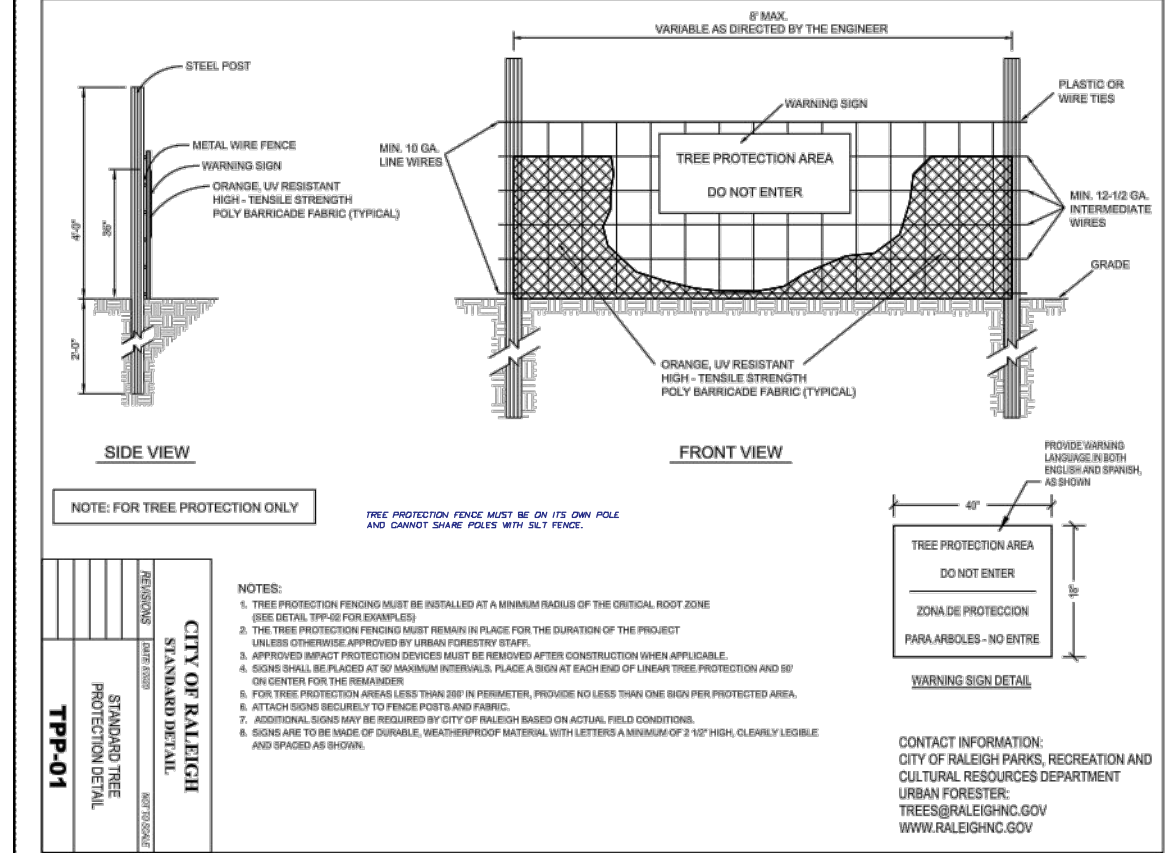
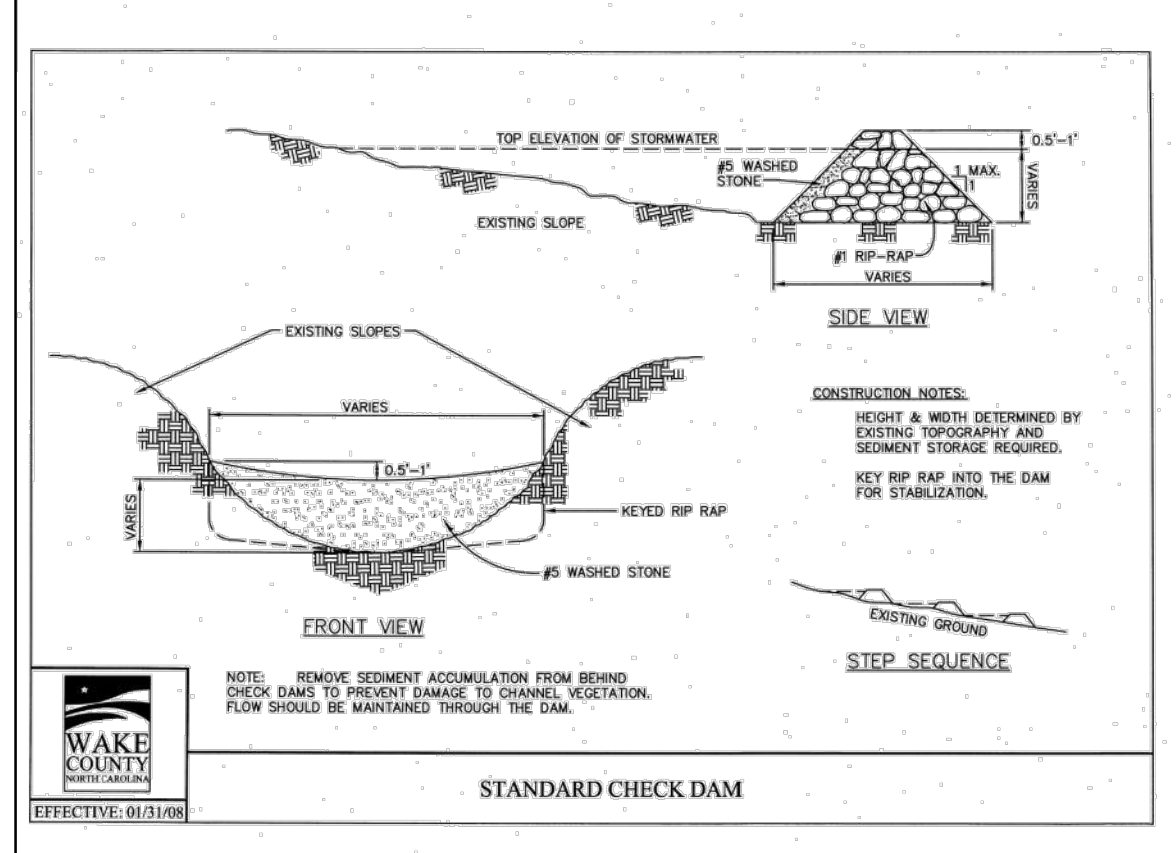
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DITCH	FLOW Q(10)	LONG. SLOPE(%)	H	B	W	SS	CHANNEL LINING
TEMPORARY DITCH #1	6.7 CFS	1.5%	1.3'	1.0'	6.2'	2:1	STRAW WITH NET NAG DS75
TEMPORARY DITCH #2	6.7 CFS	0.6%	1.5'	1.0'	7.0'	2:1	STRAW WITH NET NAG DS75
TEMPORARY DITCH #3	3.5 CFS	1.9%	1.1'	1.0'	5.4'	2:1	STRAW WITH NET NAG DS75

EROSION CONTROL MAT SHALL BE AS NOTED OR APPROVED EQUAL.

TEMPORARY DIVERSION DITCH DATA BLOCK
REFER TO DETAIL SHEET FOR TEMPORARY DITCH DETAIL.



Bowman

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Wake County

Wake County

The Carrington
303 Pony Road
Zebulon, NC

EROSION CONTROL DETAILS

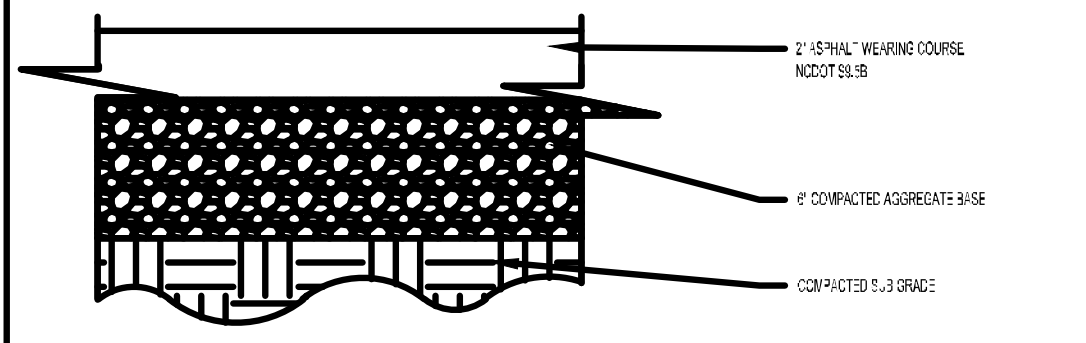
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DATE DESCRIPTION

MEL DESIGN MEL DRAWN XXX CHKD
SCALE H: N/A V: N/A

JOB No. 000000-00-000
DATE October 29, 2021
FILE No. 000000-0-CP-000

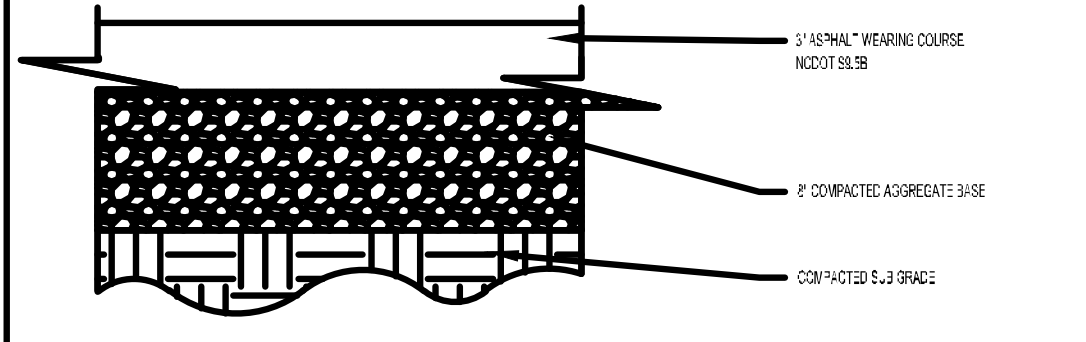
SHEET C6.0

ASPHALTIC PAVEMENT



STANDARD DUTY ASPHALT DETAIL (PARKING SPACES)

SCALE: NOT TO SCALE

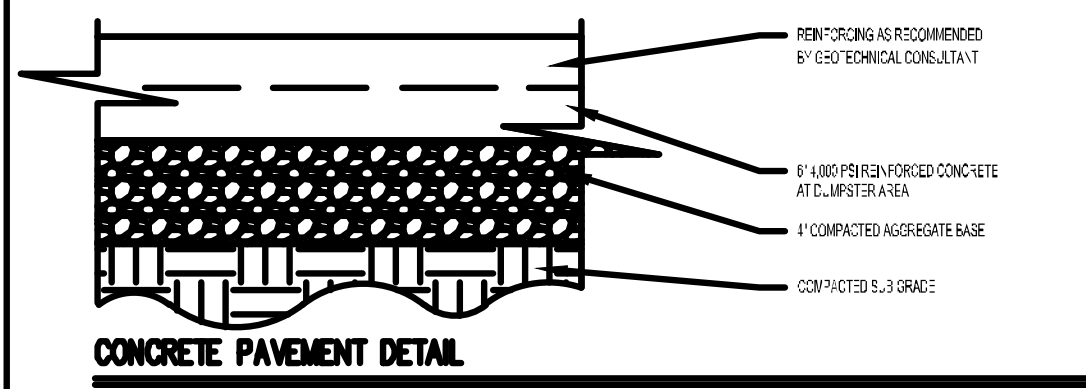


HEAVY DUTY ASPHALT DETAIL (DRIVE AISLE)

SCALE: NOT TO SCALE

REFER TO SHEET SITE PLAN
NCDDOT PAVEMENT SECTION

CONCRETE PAVEMENT



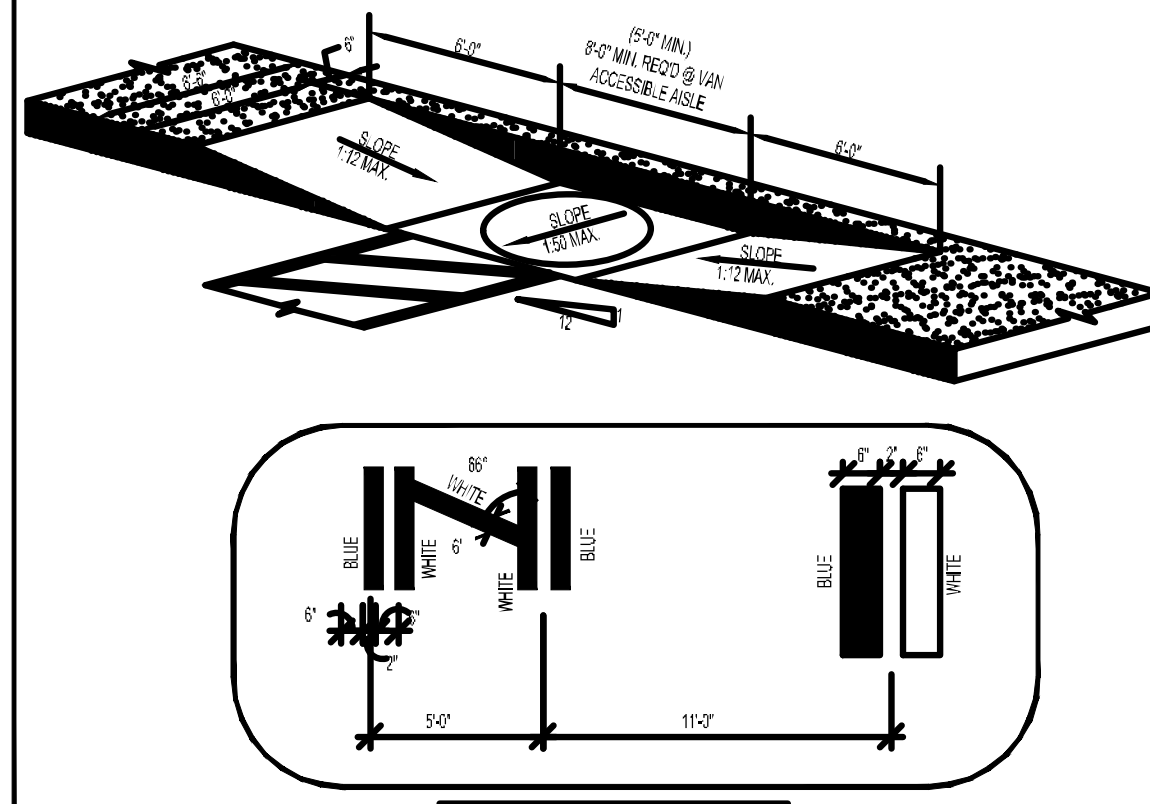
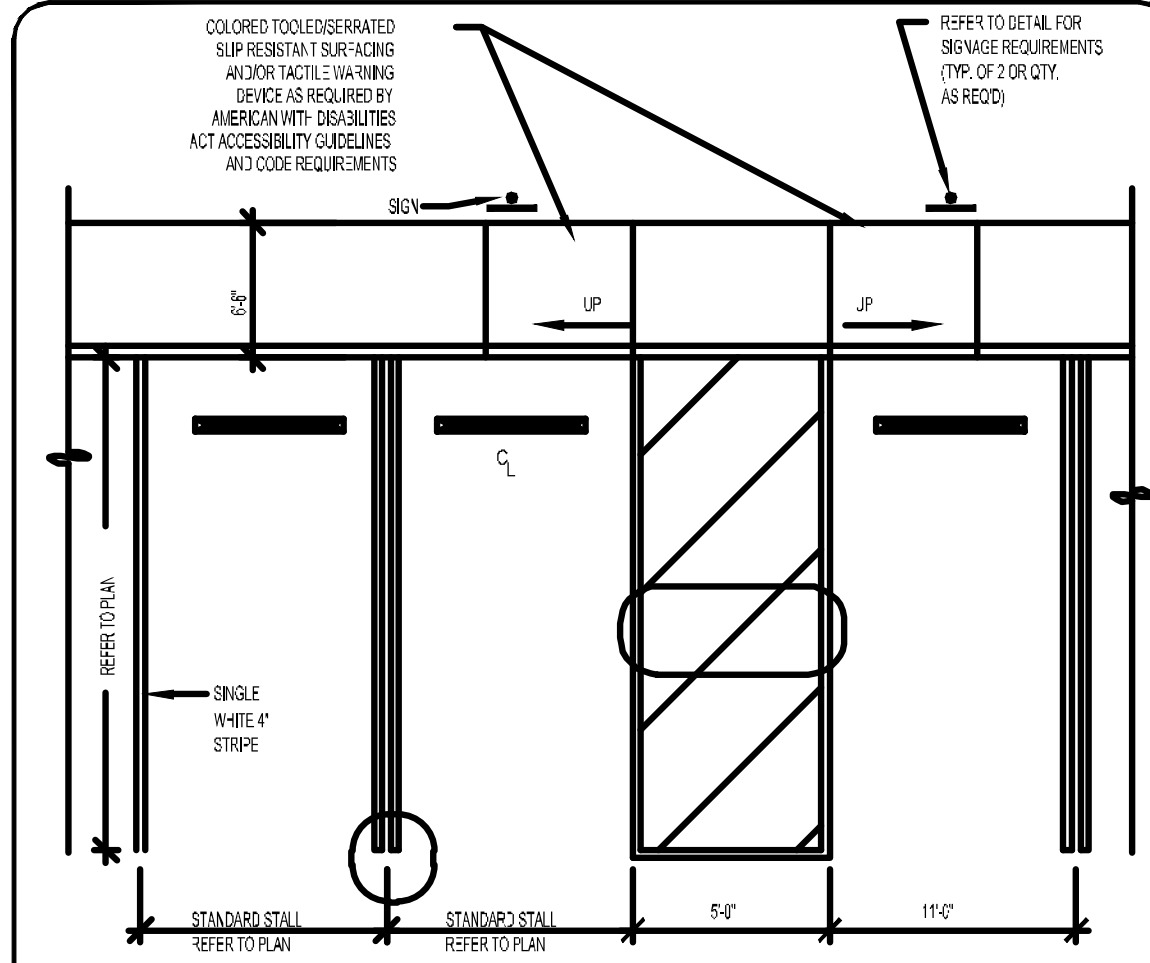
CONCRETE PAVEMENT DETAIL

SCALE: NOT TO SCALE

ON-SITE PAVEMENT DETAILS

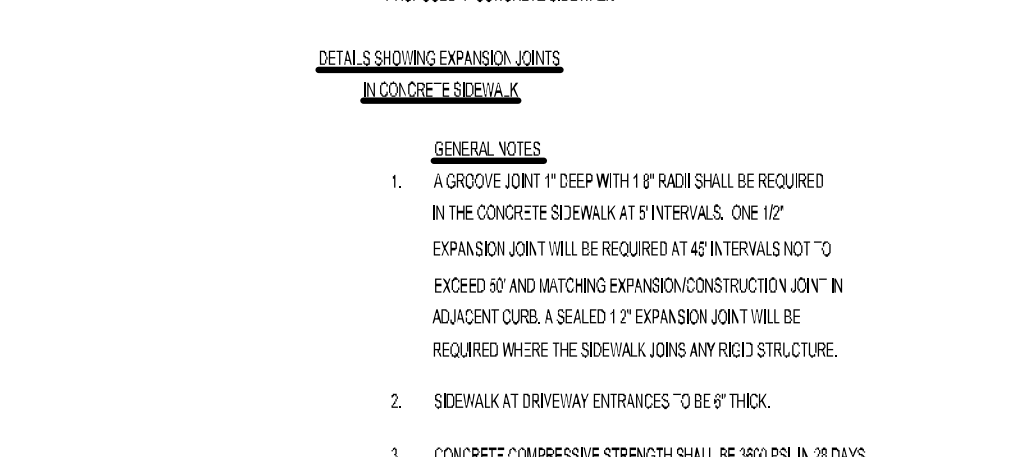
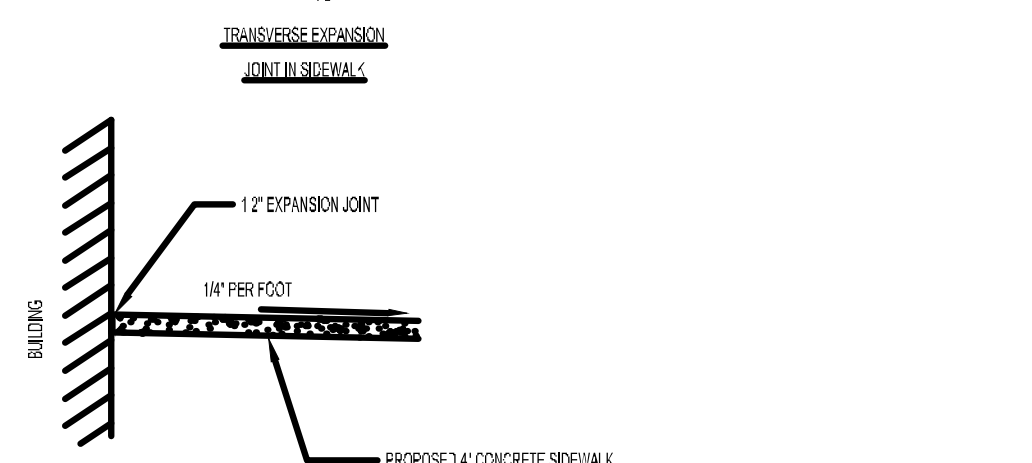
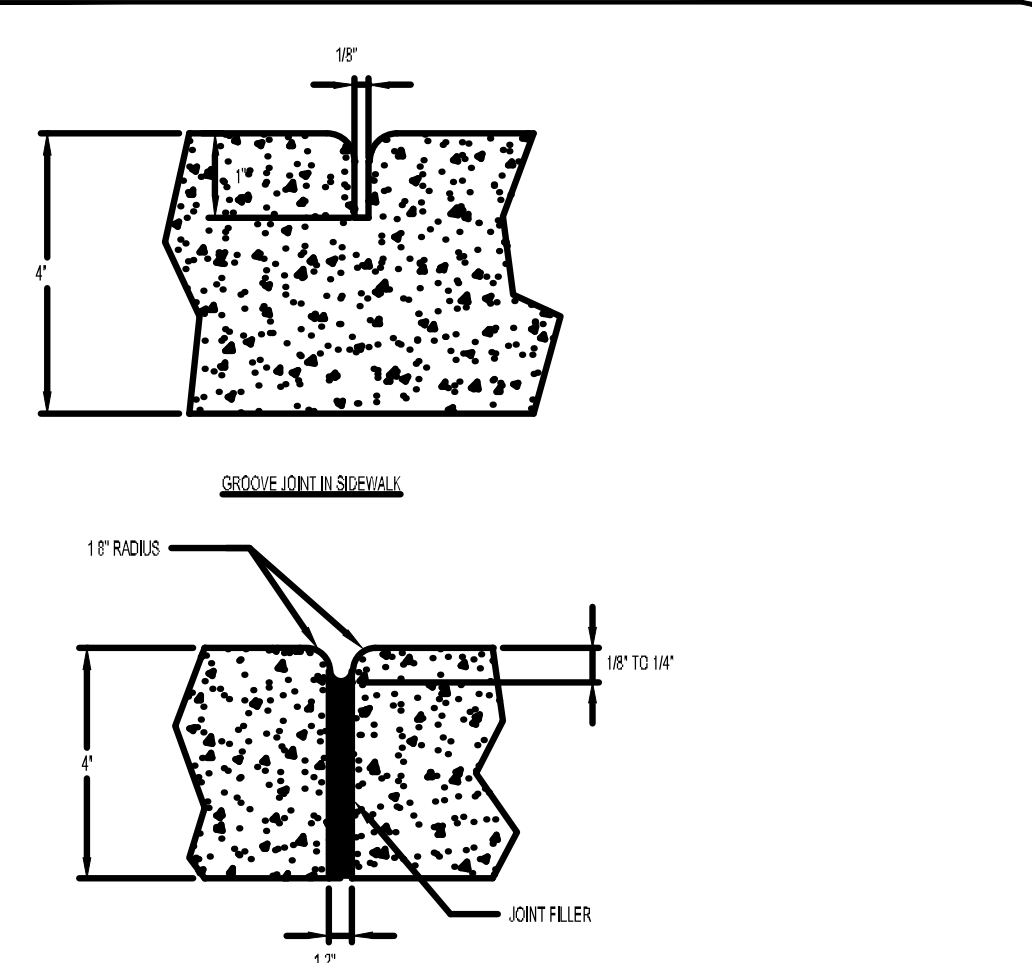
NOT TO SCALE

MATERIALS AND CONSTRUCTION REQUIREMENTS PER THE NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, LATEST EDITION.
REFER TO PROJECT DRAWING "PERMITS" FOR ADDITIONAL REQUIREMENTS.
REFER TO PROJECT "GEOLOGICAL REPORT" FOR ADDITIONAL REQUIREMENTS.



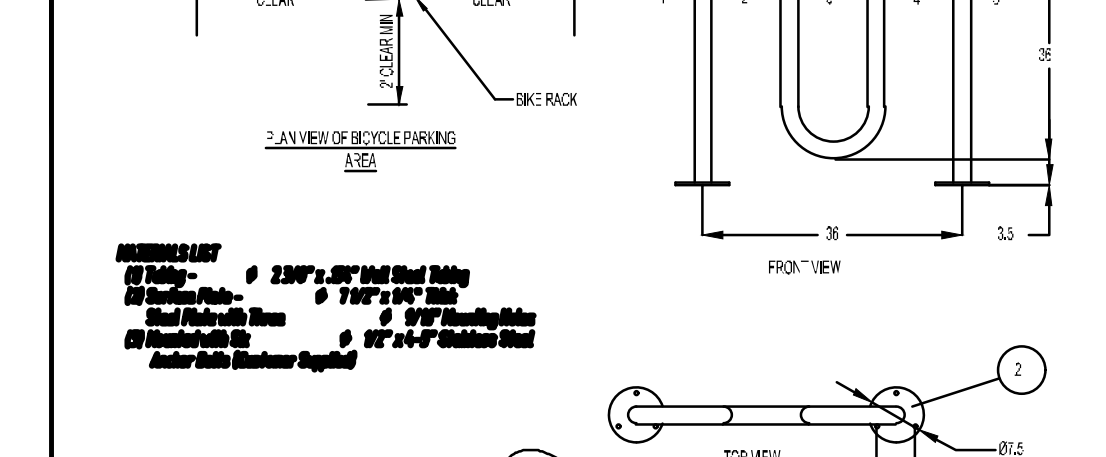
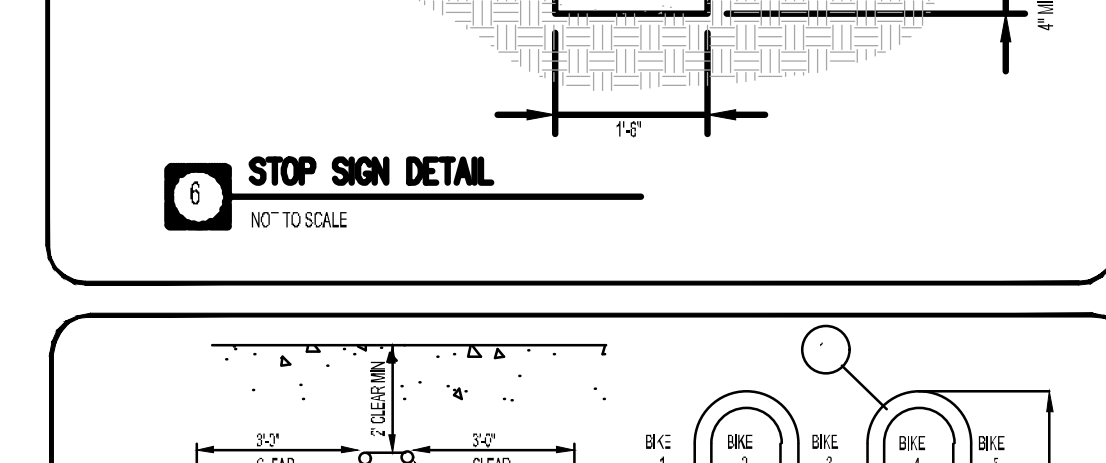
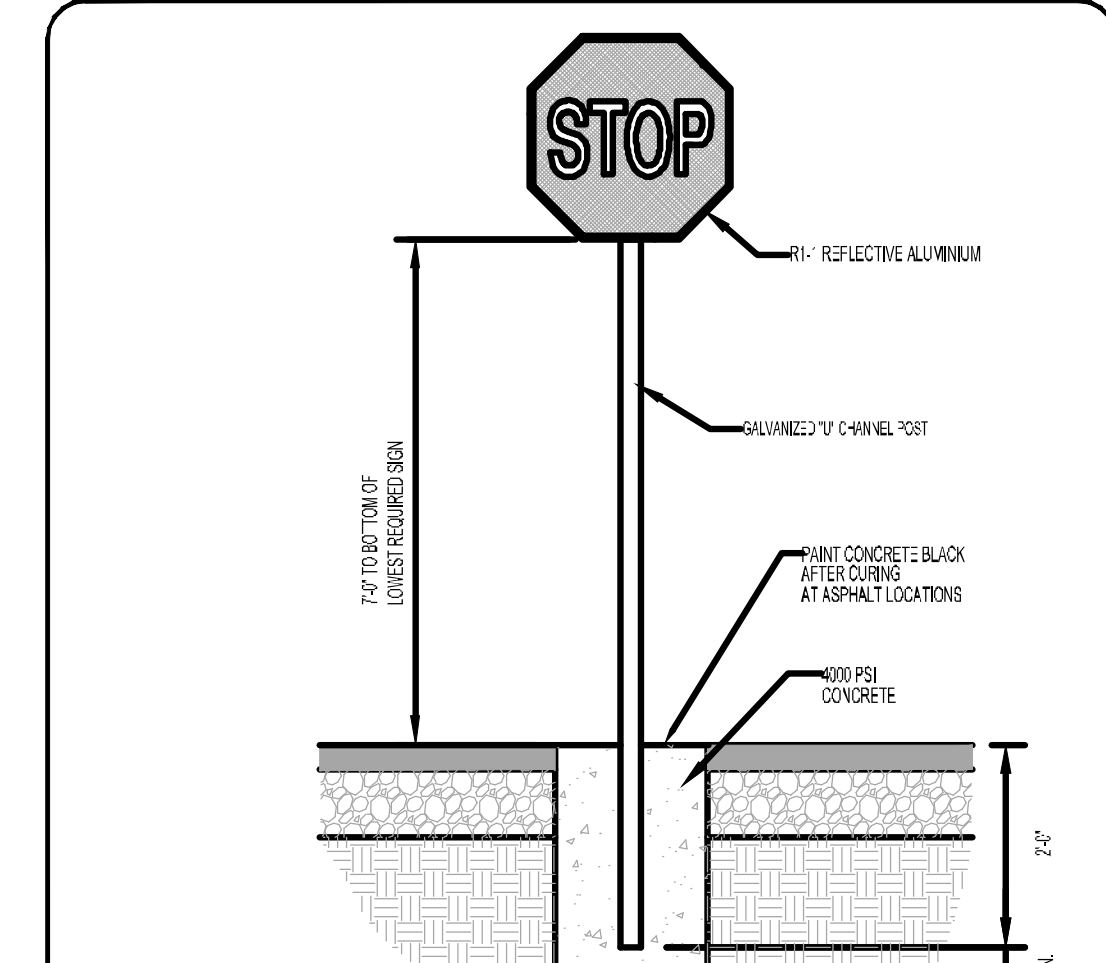
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NOT TO SCALE



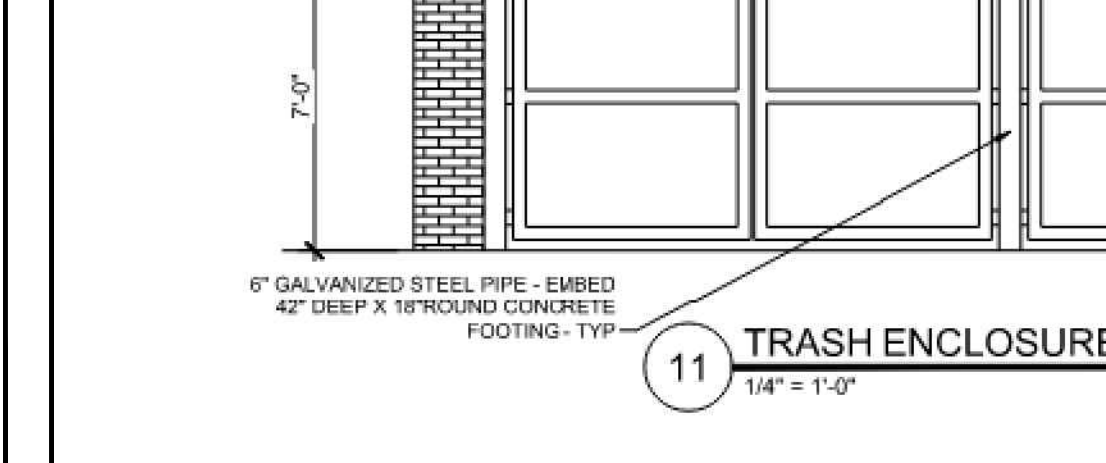
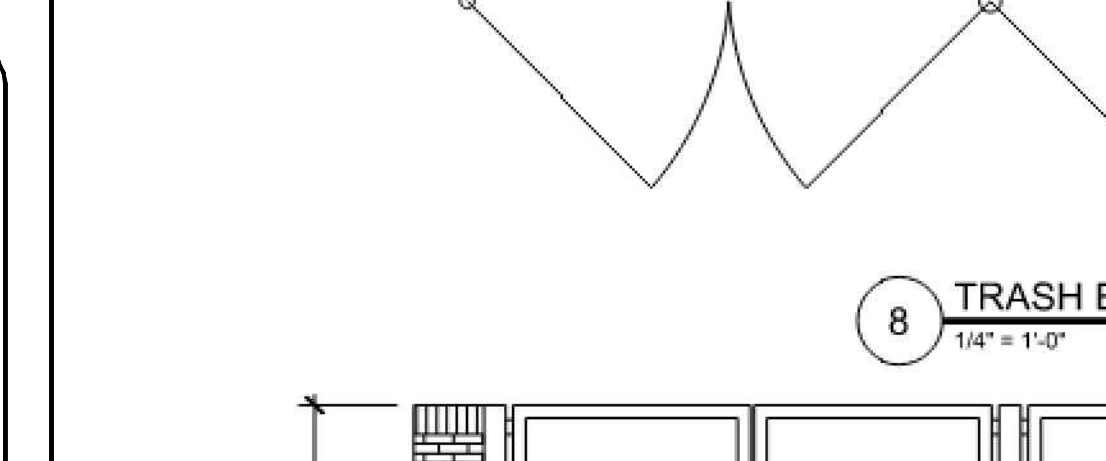
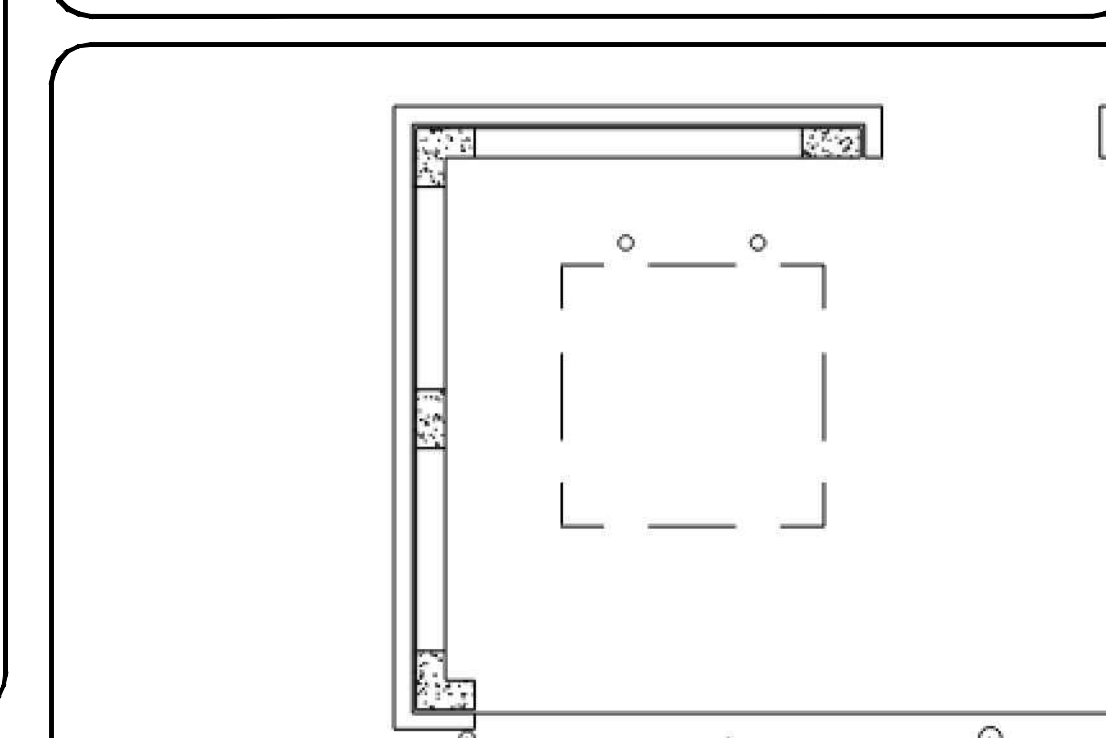
CONCRETE SIDEWALK

NOT TO SCALE



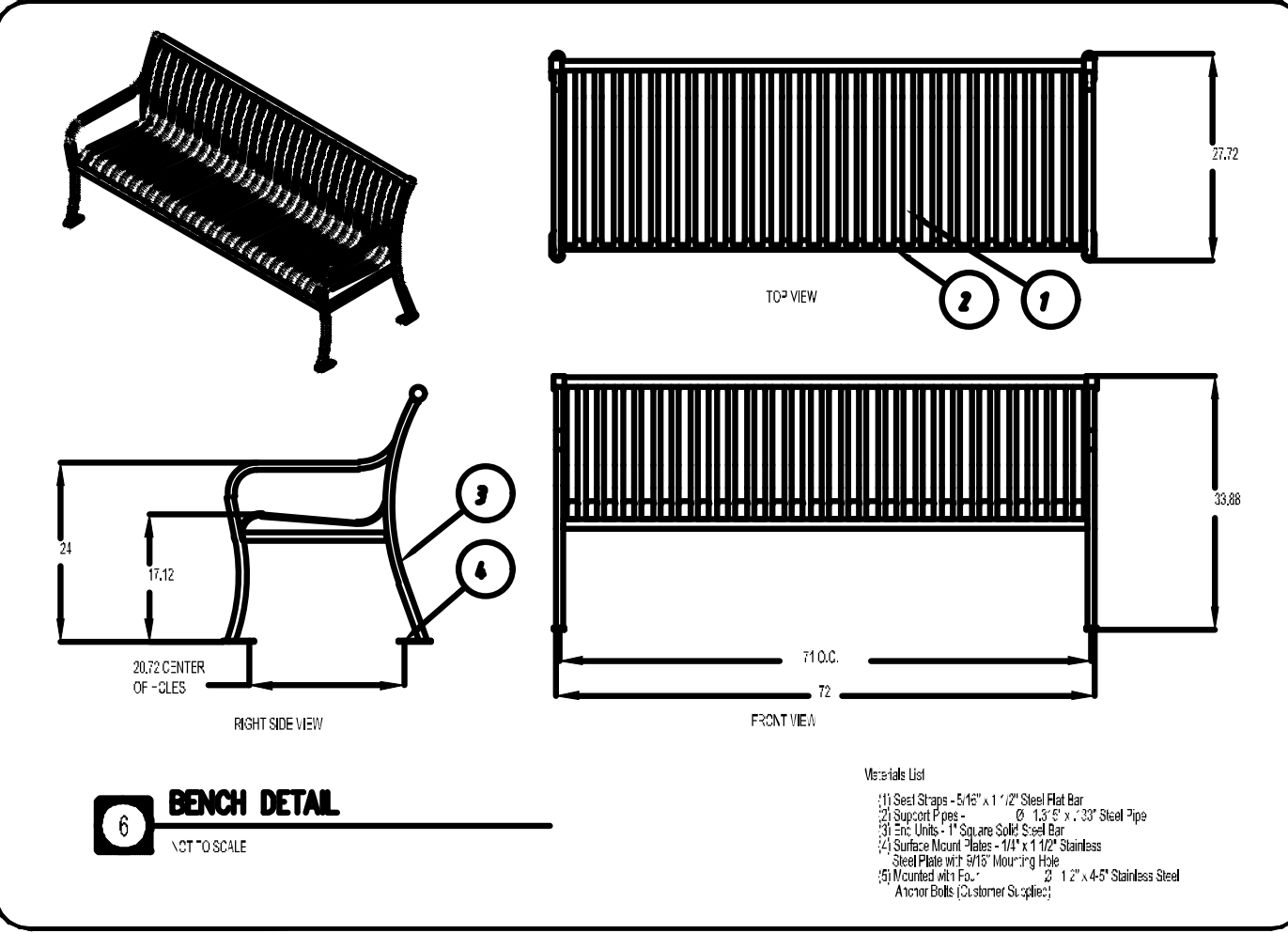
STOP SIGN DETAIL

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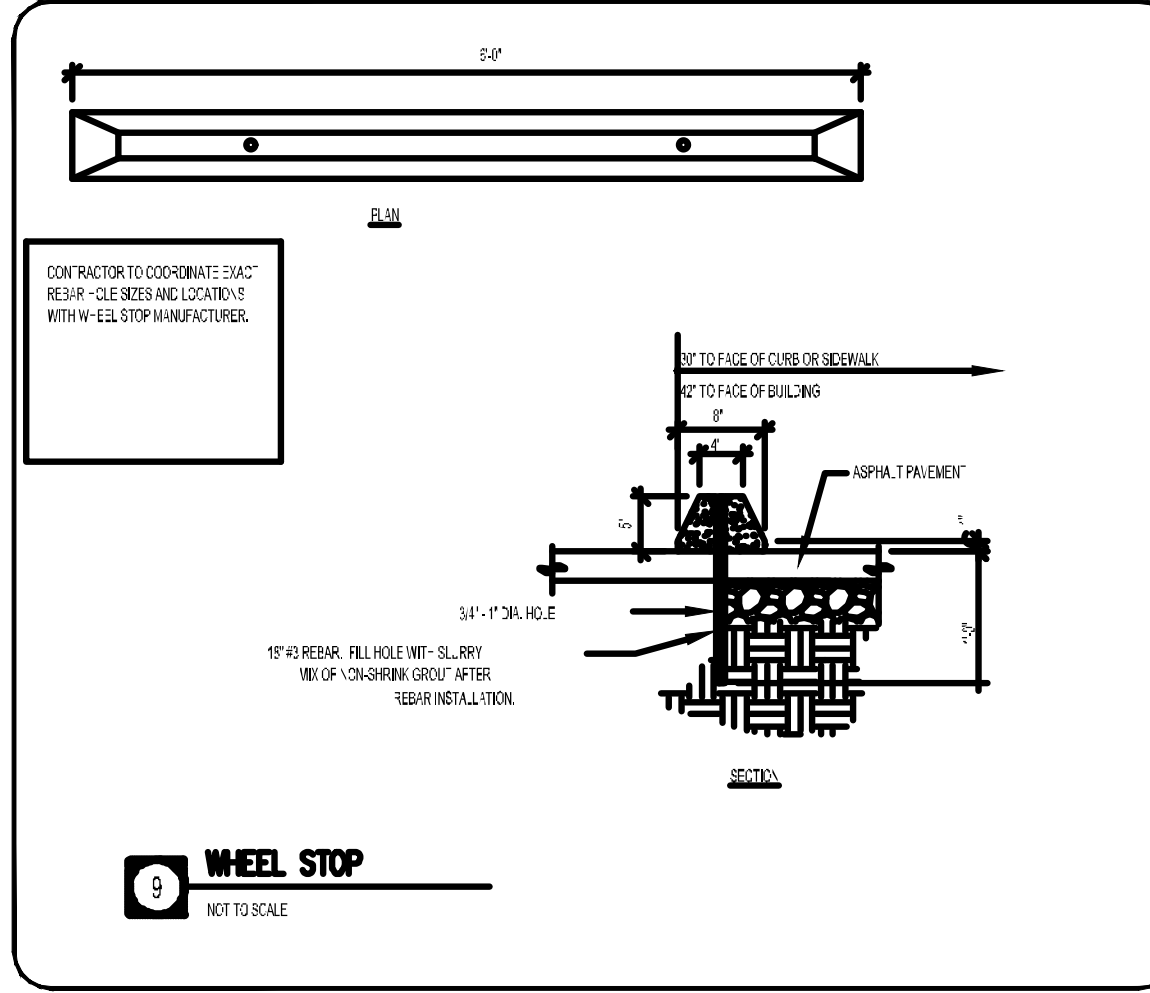
BIKE RACK

NOT TO SCALE



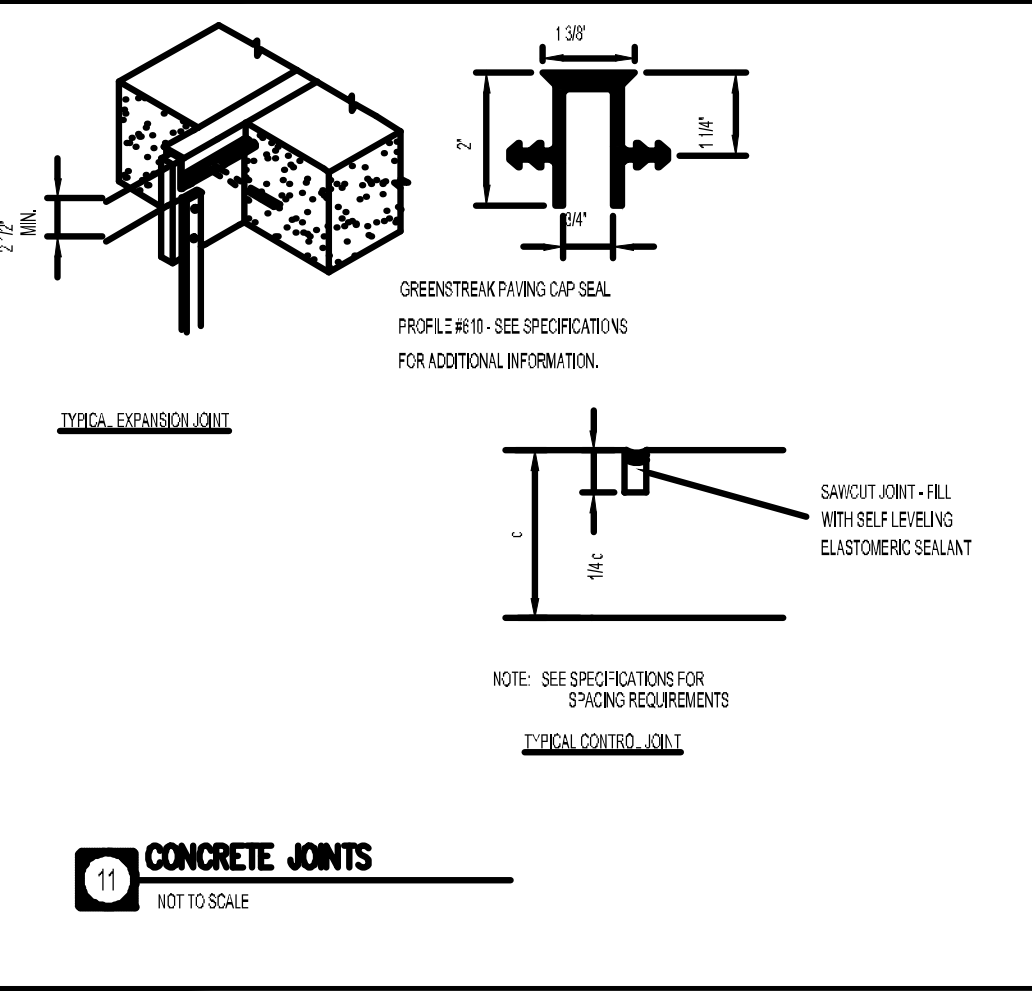
BENCH DETAIL

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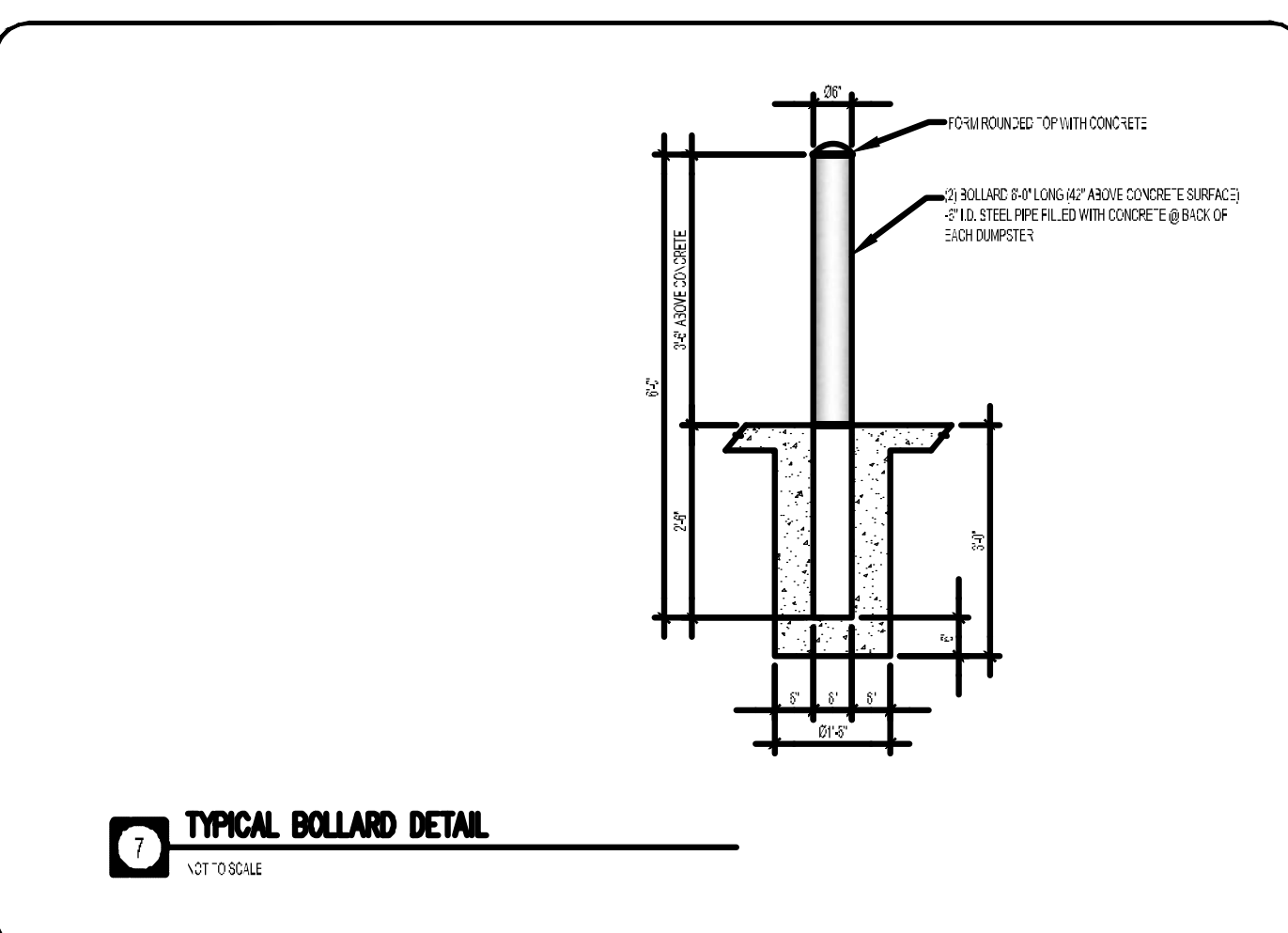
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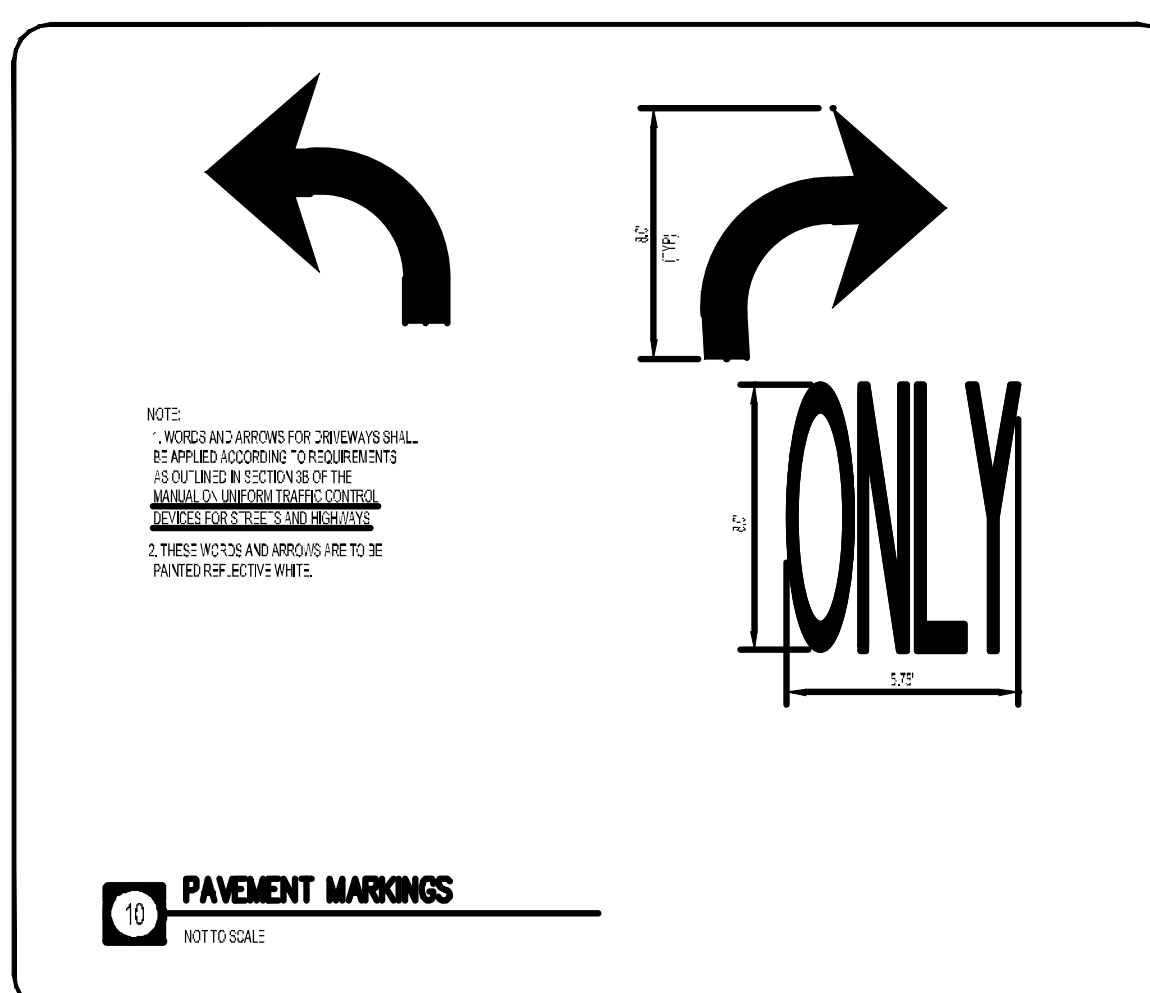
CONCRETE JOINTS

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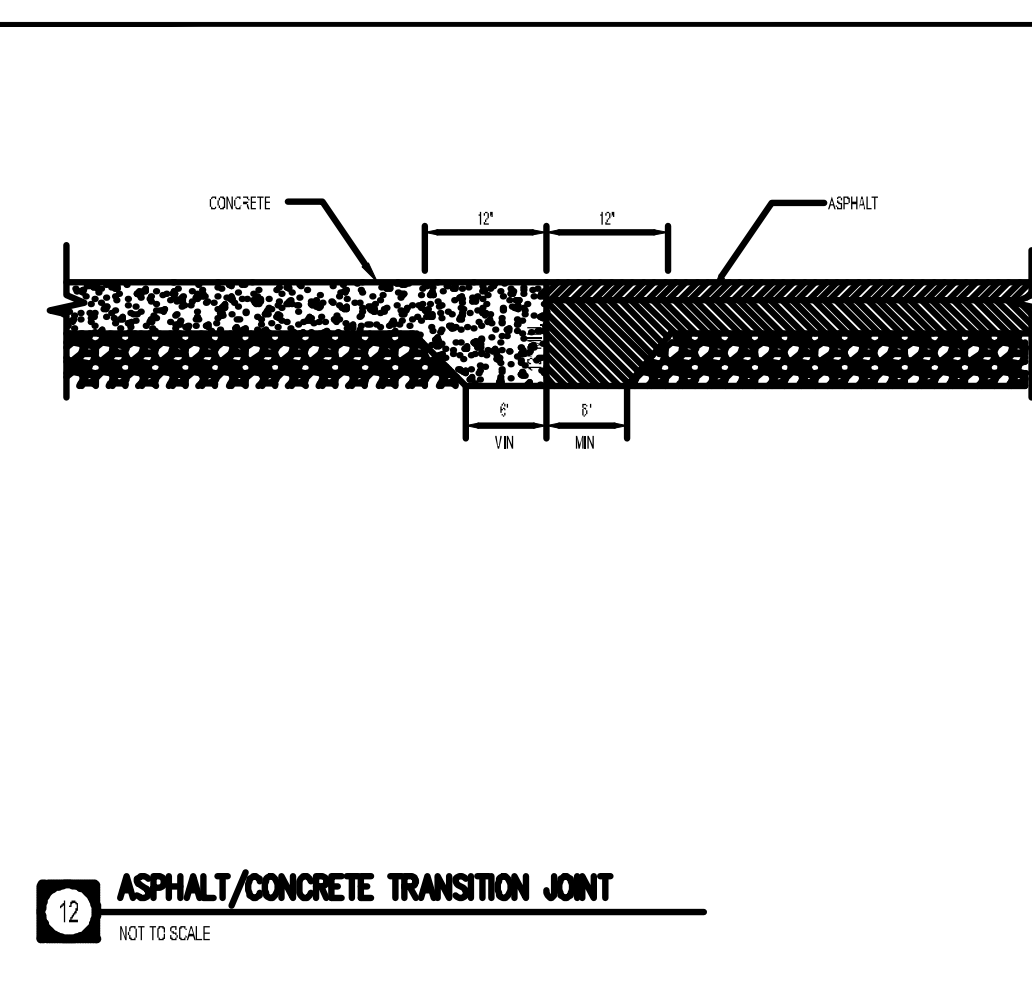
TYPICAL BOLLARD DETAIL

NOT TO SCALE



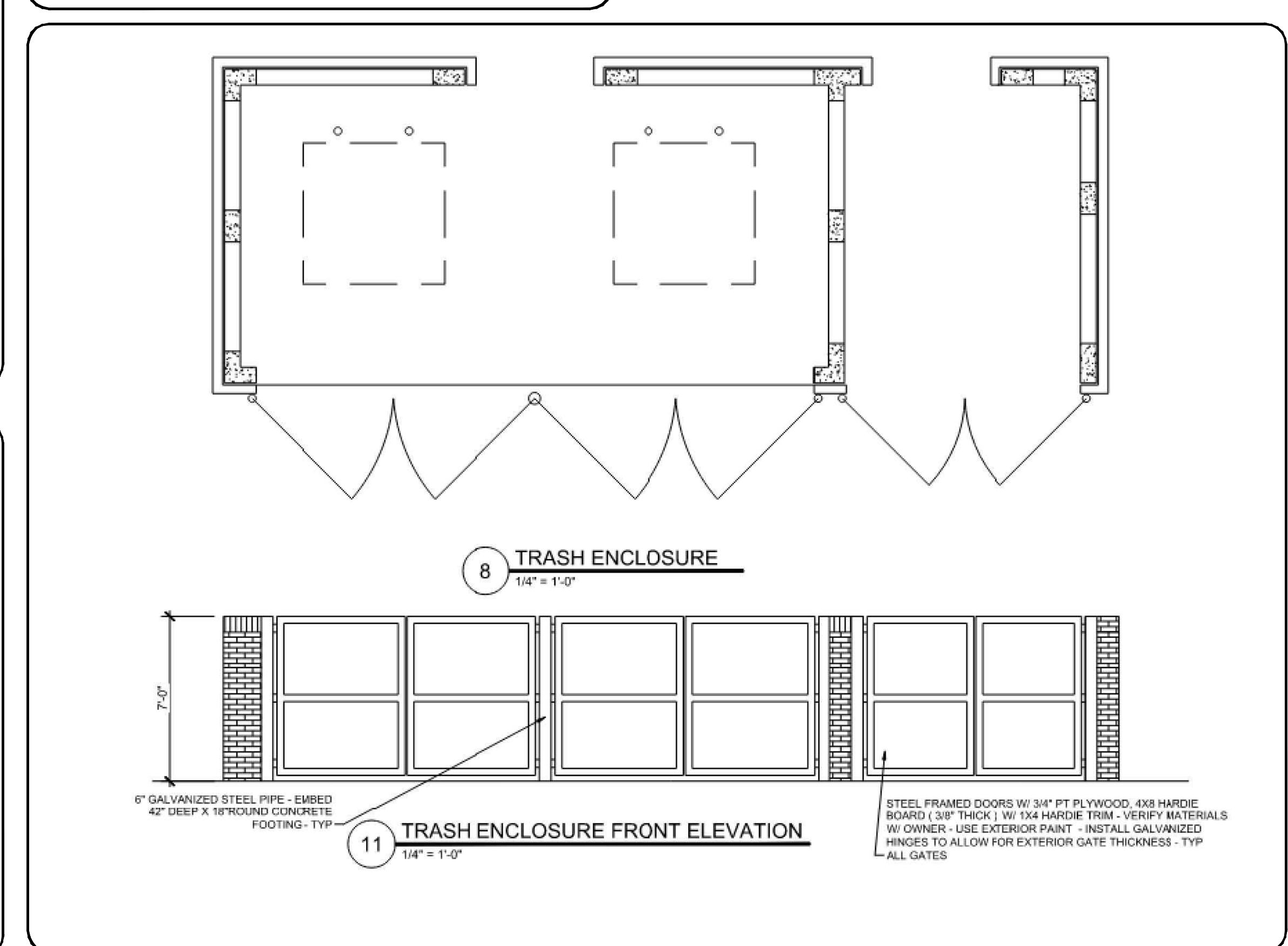
PAVEMENT MARKINGS

NOT TO SCALE



ASPHALT/CONCRETE TRANSITION JOINT

NOT TO SCALE



TRASH ENCLOSURE FRONT ELEVATION

NOT TO SCALE

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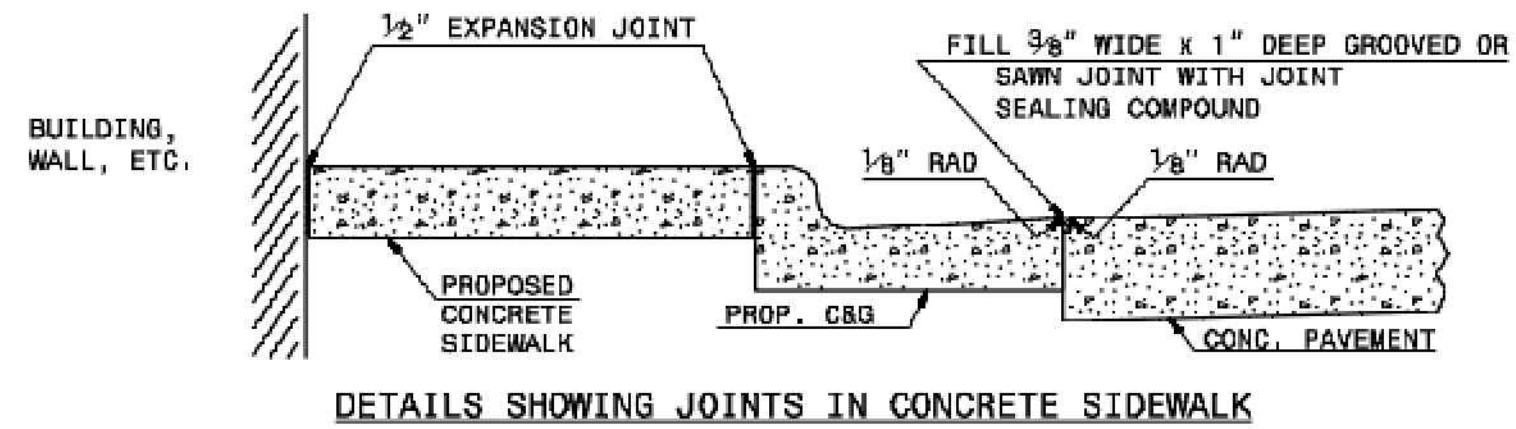
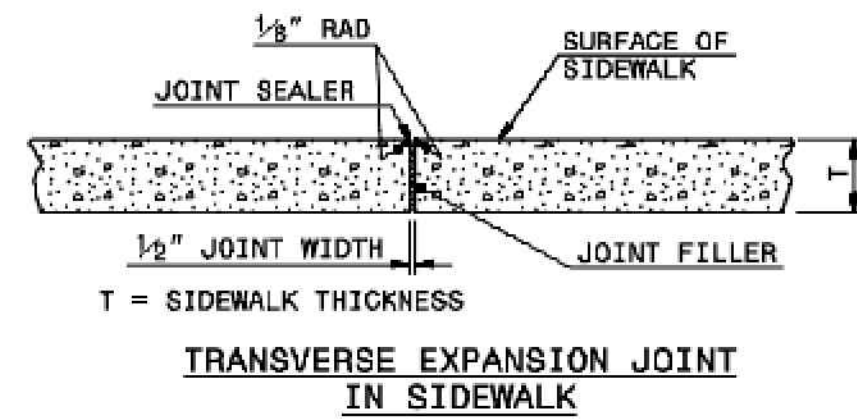
CONSTRUCTION DETAILS
The Carrington
303 Pony Road
Wake County
Zebulon, NC



PLAN STATUS

5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDDOT REVIEW
9/13/22	ADJUSTED STREET TREES
DATE	DESCRIPTION
MEL DESIGN	MEL DRAWN XXX CHKD
SCALE	H: 1" = 40' V: 1" = XXX'
JOB No.	000000-00-000
DATE	October 29, 2021
FILE No.	000000-0-CP-000

NOTES:
 CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS.
 PLACE A GROOVE JOINT 1" DEEP WITH 1/8" RADIUS IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 50' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
 SEE STD. DWG. 848.05 FOR CURB RAMP LOCATION REQUIREMENTS AND CONSTRUCTION GUIDELINES.



STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CONCRETE SIDEWALK

SHEET 1 OF 1
848.01

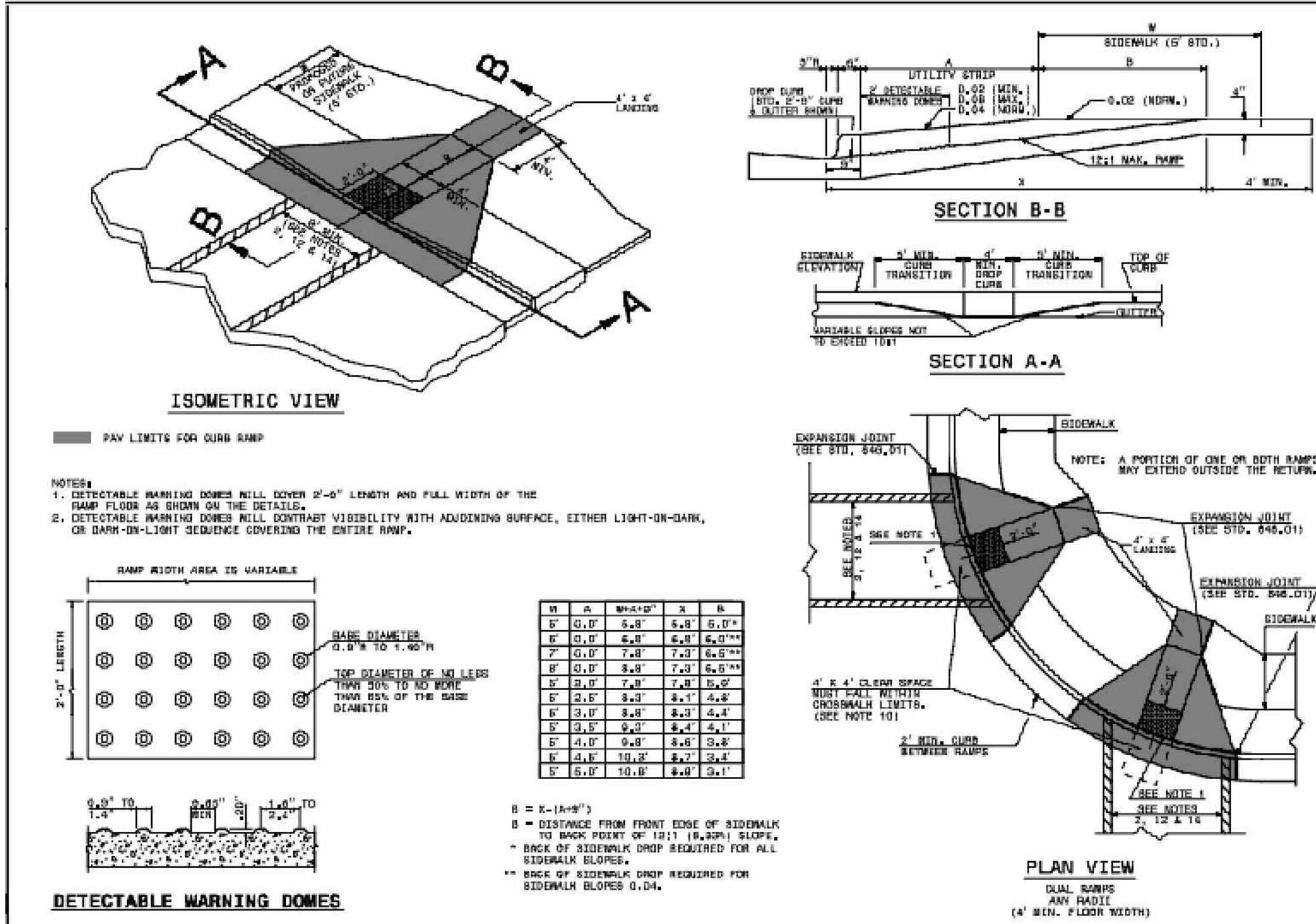
- NOTES:
- CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
 - LOCATE CURB RAMP AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMP OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
 - COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
 - SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
 - REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
 - TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
 - CONSTRUCT CURB RAMP A MINIMUM OF 4' WIDE.
 - CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
 - ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMP WILL BE 2% MAXIMUM.
 - CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
 - CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
 - CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
 - TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
 - SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'x5' LANDING AT THE TOP OF A RAMP, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
 - CURB RAMP WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS FLAMING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
 - PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
 - PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
 - CURB RAMP THROUGH MEDIAN ISLANDS, SINGLE RAMP AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP

NOTES

SHEET 3 OF 3
848.05

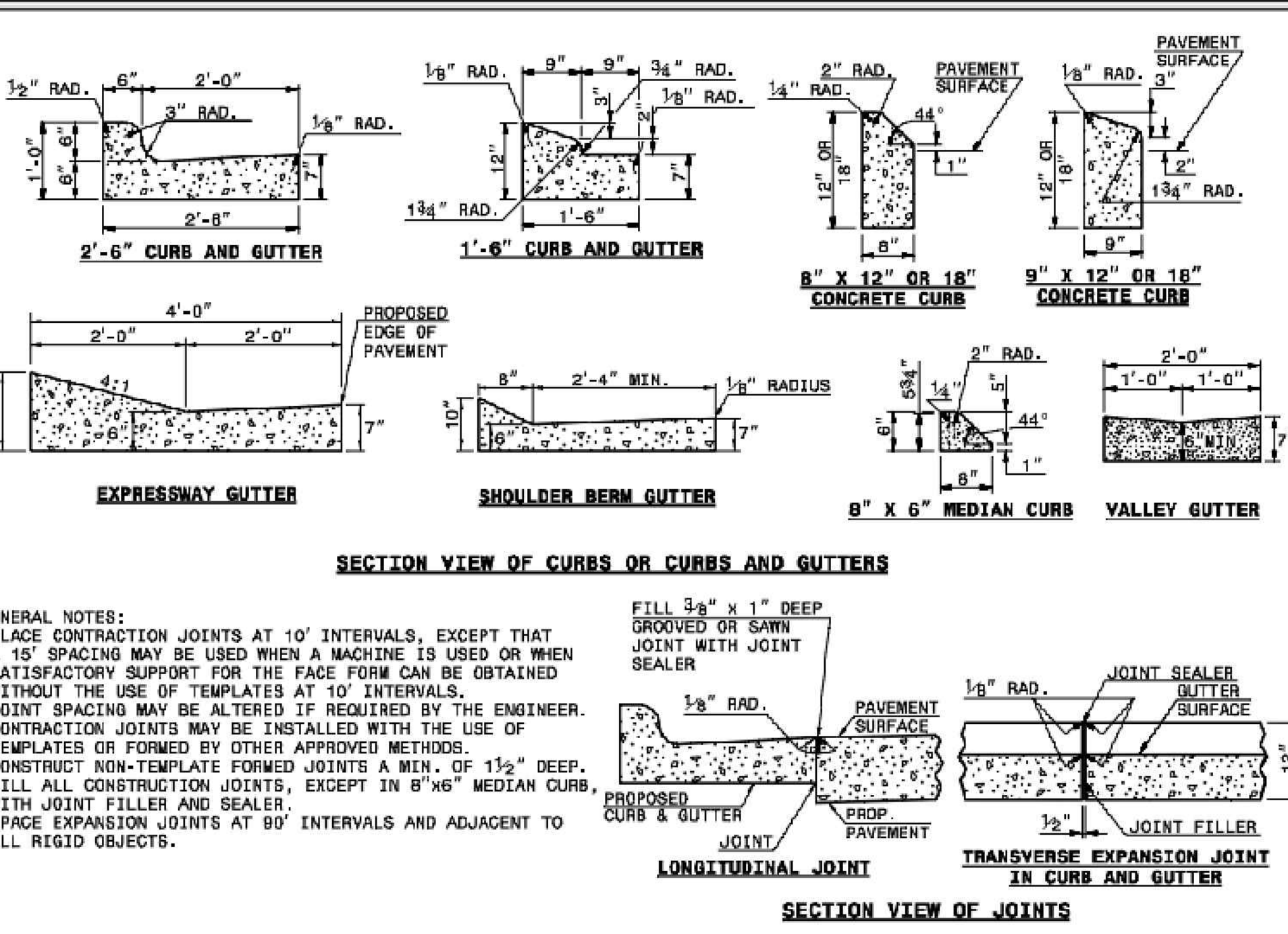


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ROADWAY STANDARD DRAWING FOR
CURB RAMP

PROPOSED CURB AND GUTTER

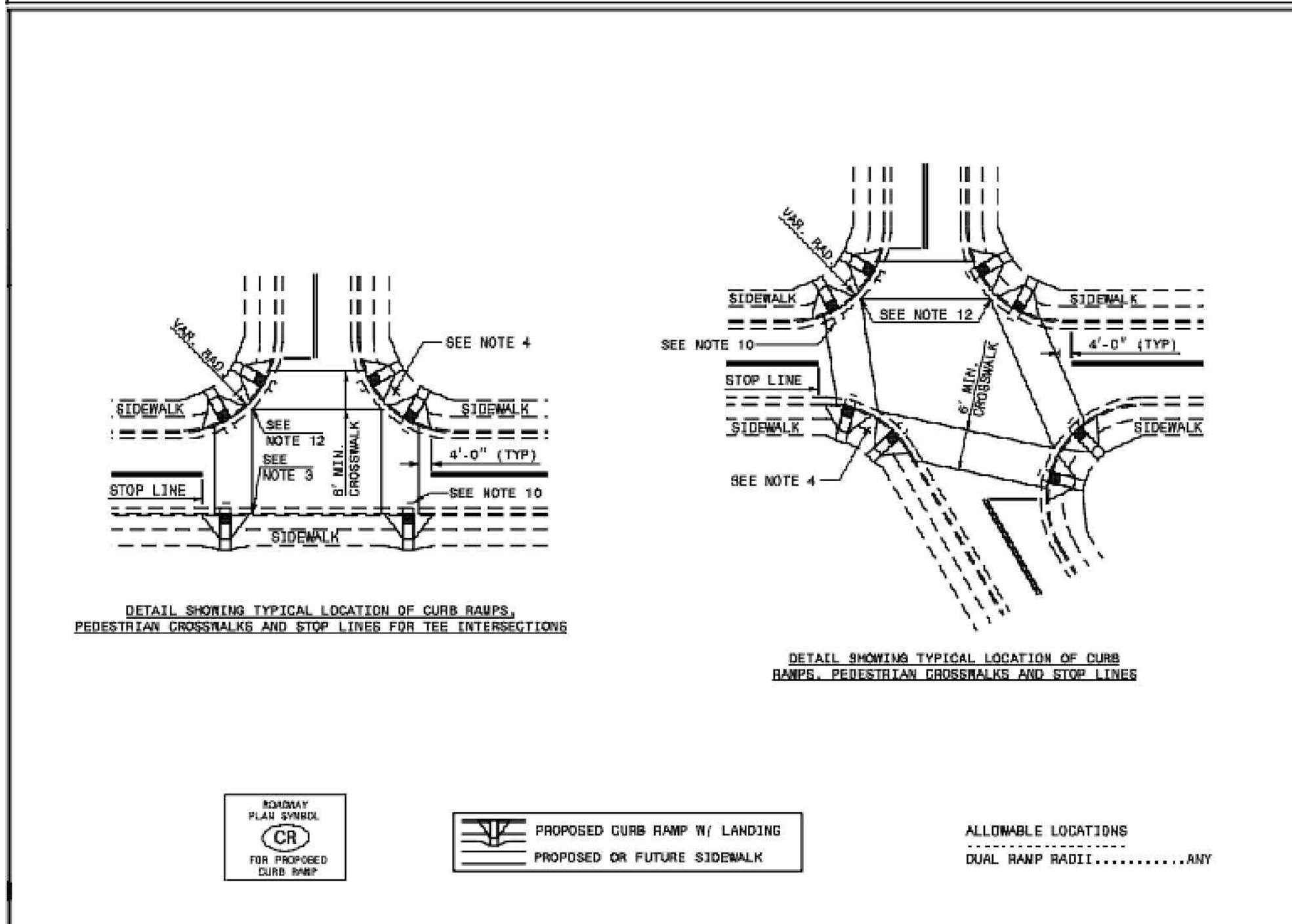
SHEET 1 OF 3
848.05



STATE OF NORTH CAROLINA
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 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CONCRETE CURB, GUTTER AND CURB & GUTTER

SHEET 1 OF 3
846.01



STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP

PROPOSED CURB AND GUTTER

SHEET 2 OF 3
848.05

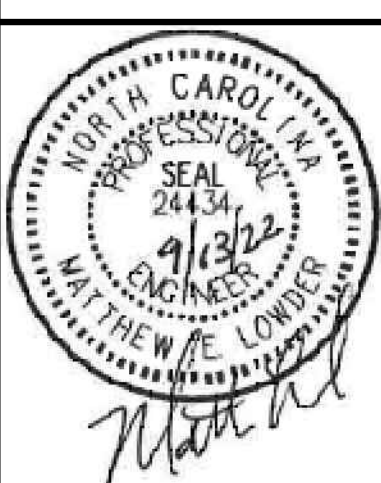
GENERAL NOTES:

- PLACE CONTRACTION JOINTS AT 10' INTERVALS, EXCEPT THAT A 15' SPACING MAY BE USED WHEN A MACHINE IS USED OR WHEN SATISFACTORY SUPPORT FOR THE FACE FORM CAN BE OBTAINED WITHOUT THE USE OF TEMPLATES AT 10' INTERVALS.
- JOINT SPACING MAY BE ALTERED IF REQUIRED BY THE ENGINEER.
- CONTRACTION JOINTS MAY BE INSTALLED WITH THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS.
- CONSTRUCT NON-TEMPLATE FORMED JOINTS A MIN. OF 1 1/2" DEEP.
- FILL ALL CONSTRUCTION JOINTS, EXCEPT IN 8"x6" MEDIAN CURB, WITH JOINT FILLER AND SEALER.
- SPACE EXPANSION JOINTS AT 90' INTERVALS AND ADJACENT TO ALL RIGID OBJECTS.

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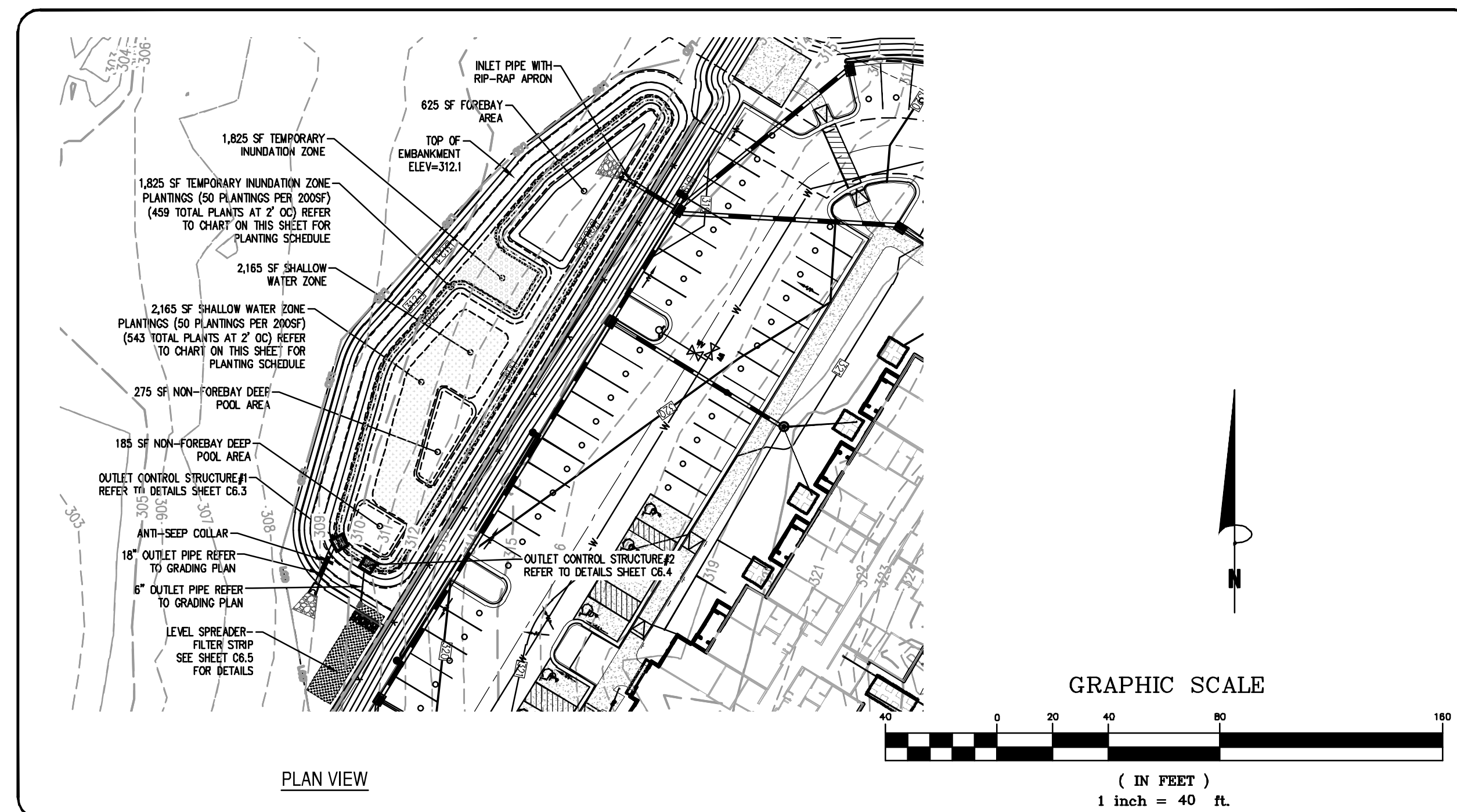
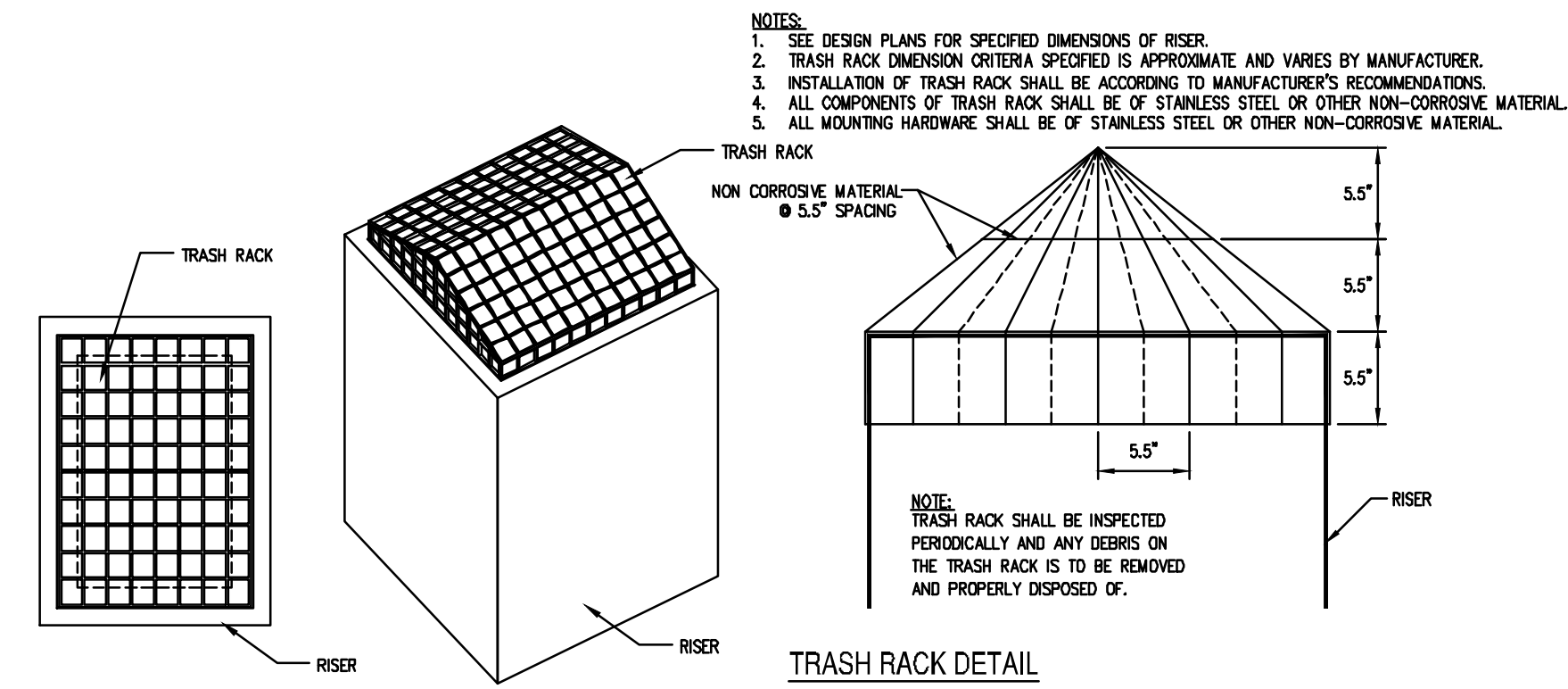
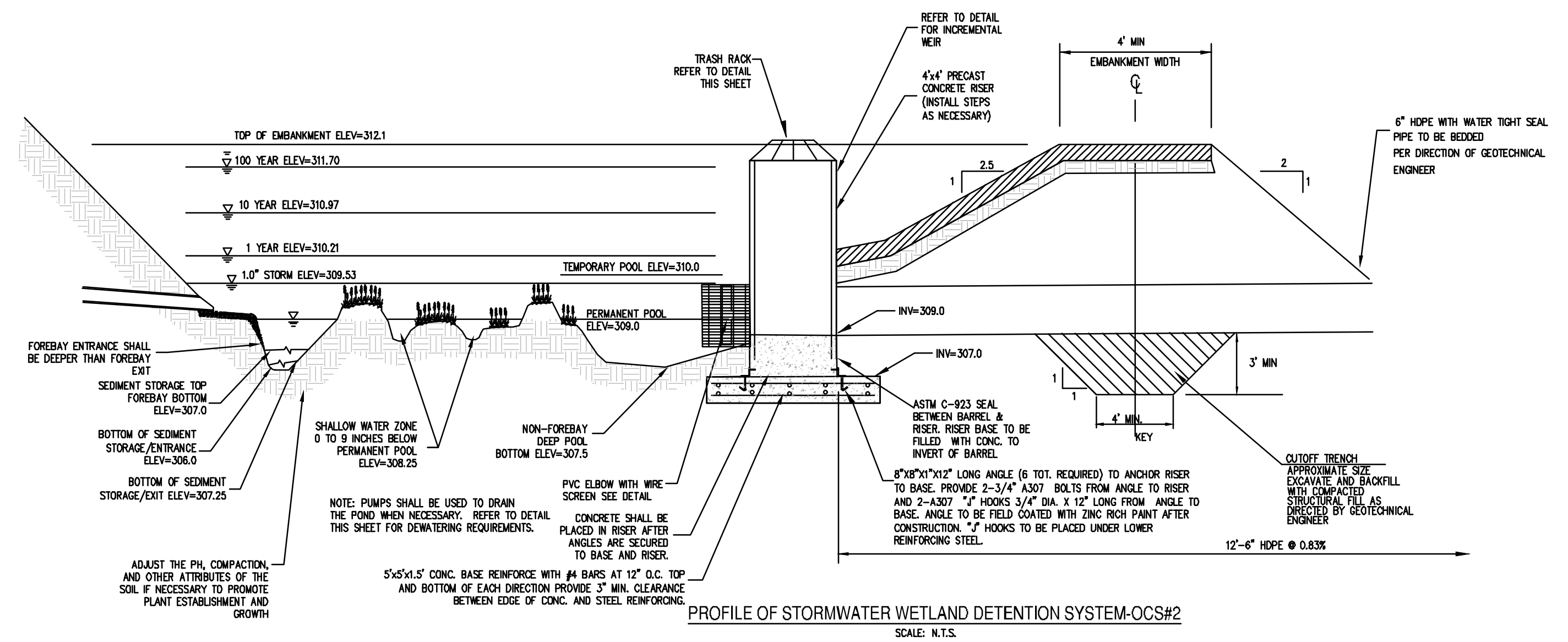
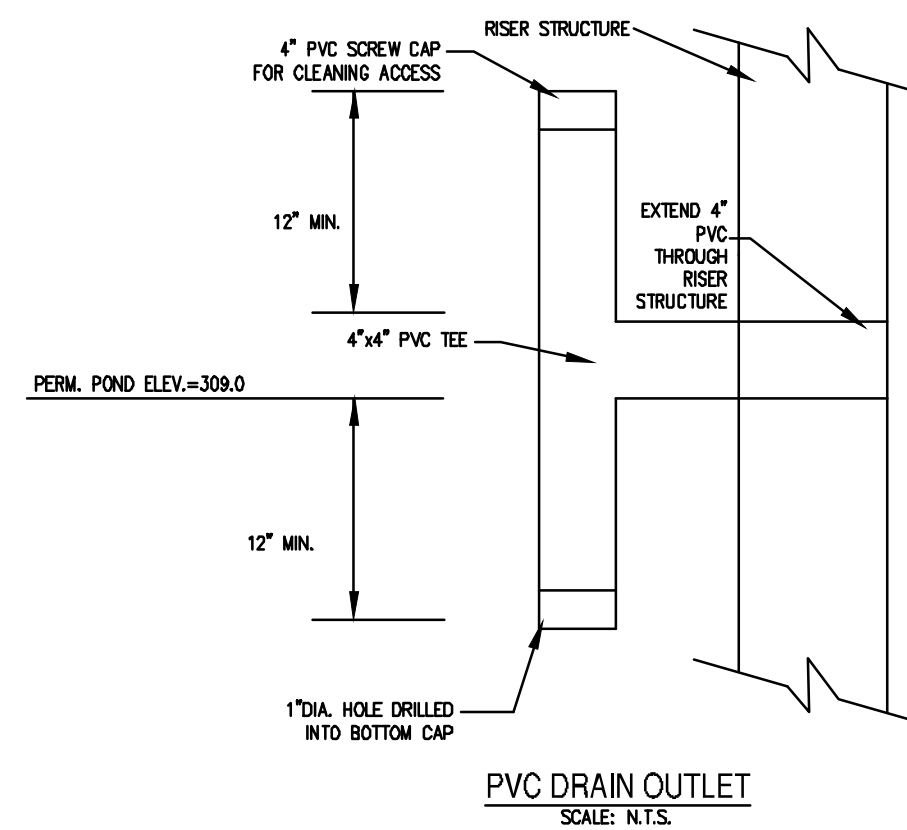
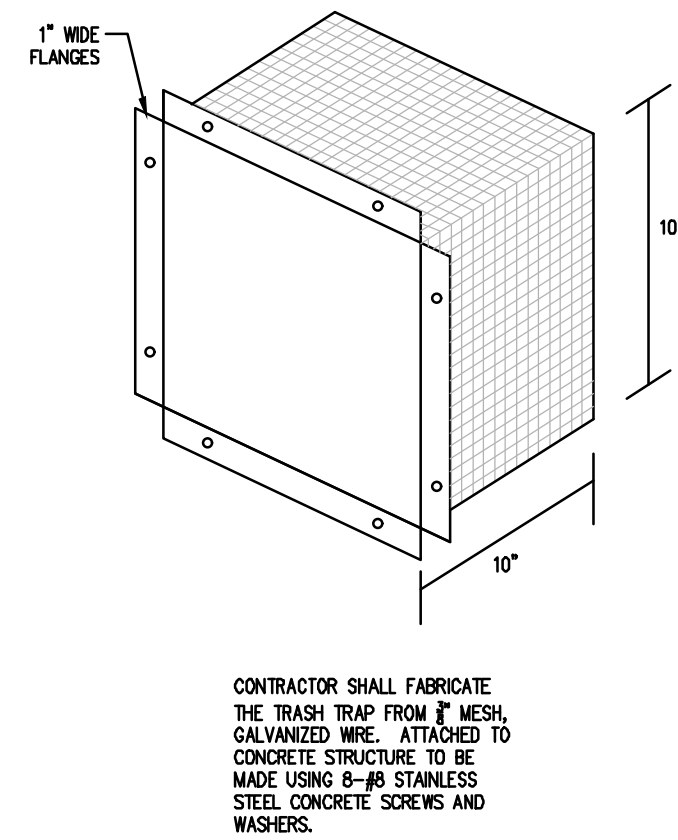
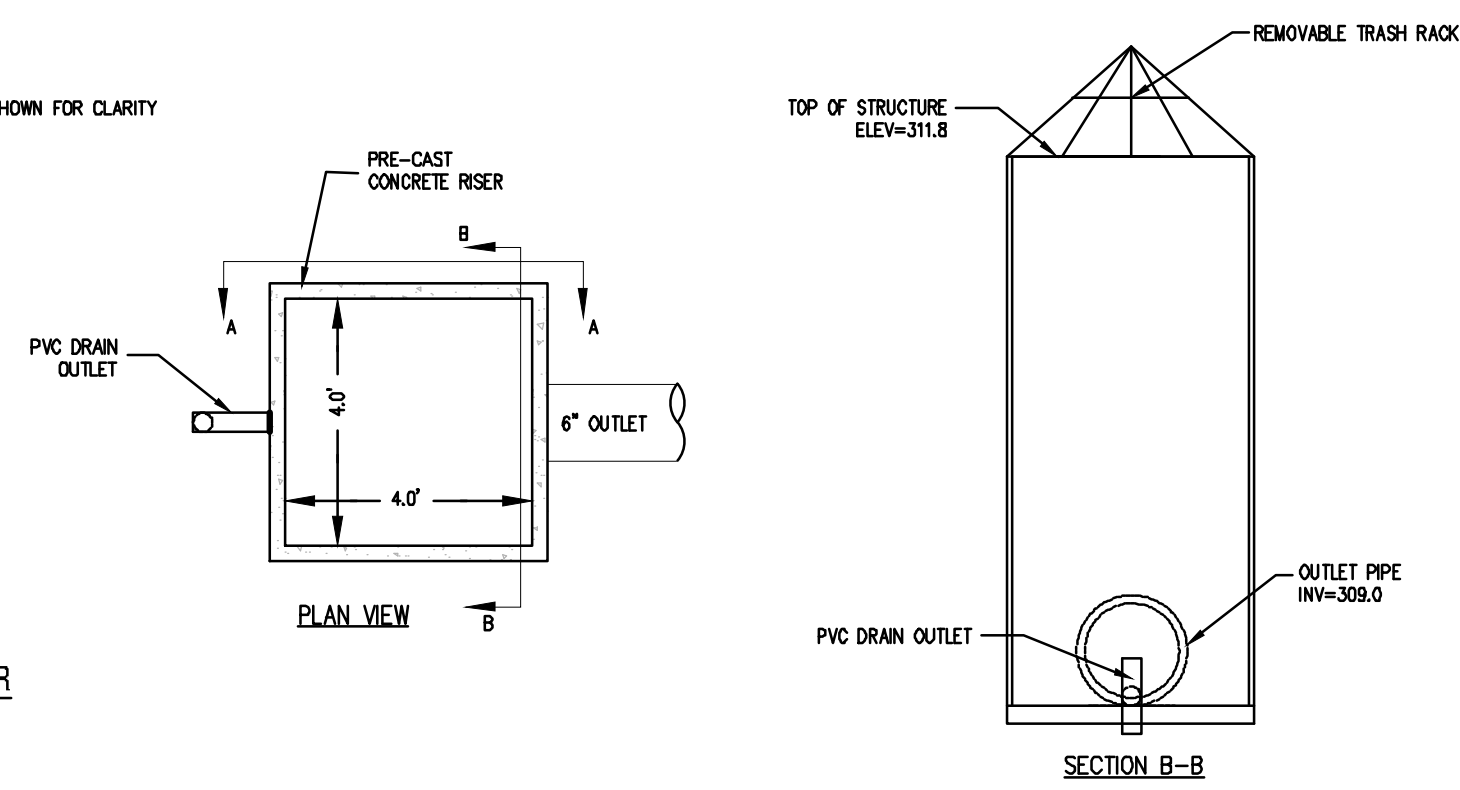
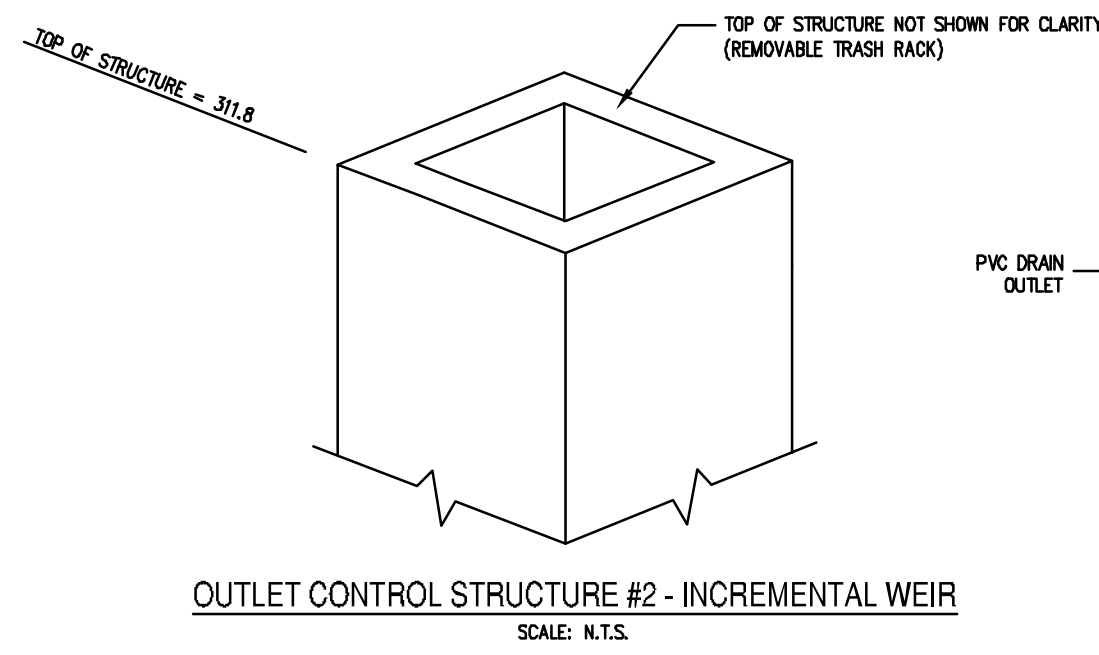
CONSTRUCTION DETAILS
 The Carrington
 303 Pony Road
 Zebulon, NC
 Wake County



DATE	DESCRIPTION
5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TREES

MEL DESIGN
 MEL DRAWN
 XXX CHKD
 SCALE: H: 1" = 40'
 V: 1" = XXX'

JOB No. 000000-00-000
 DATE October 29, 2021
 FILE No. 000000-0-CP-000



2 STORMWATER MANAGEMENT SYSTEM DETAILS
NOT TO SCALE

Bowman

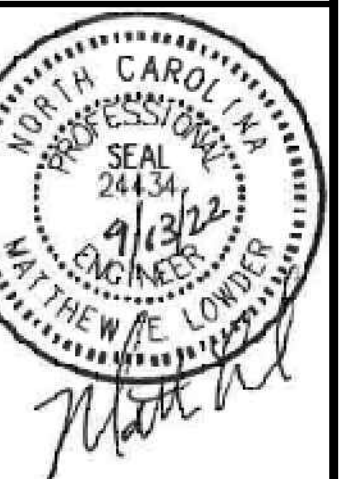
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STORMWATER MANAGEMENT DETAILS

The Carrington
303 Pony Road

Wake County

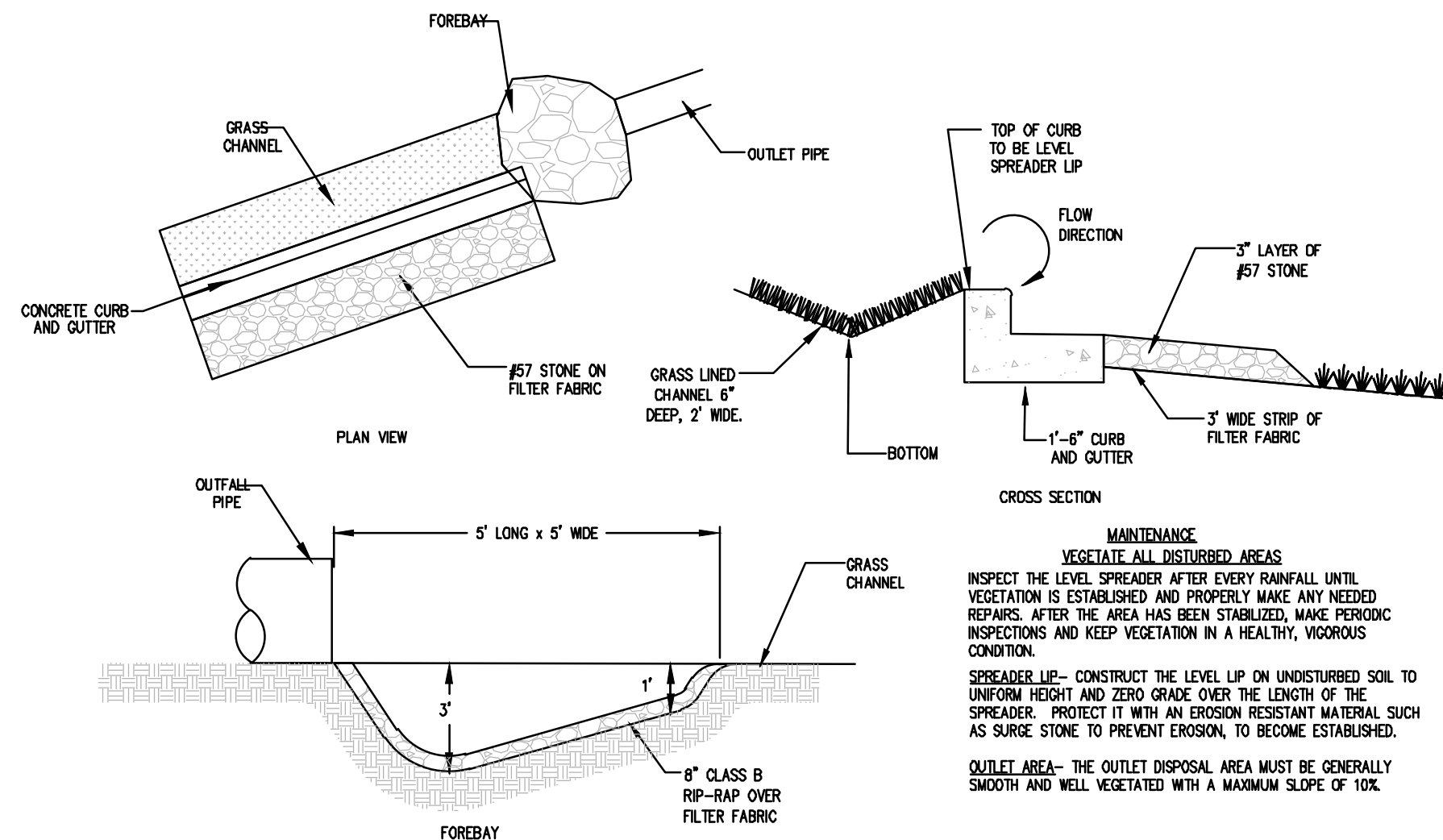
Zebulon, NC



PLAN STATUS		
5/25/22	PER DEQ REVIEW	
6/16/22	PER DEQ REVIEW	
6/24/22	PER COUNTY REVIEW	
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MEL DESIGN	MEL DRAWN	XXX CHKD
SCALE	H: 1" = 40' V:	
JOB No.	000000-00-000	
DATE	October 29, 2021	
FILE No.	000000-0-CP-000	

SHEET C6.6

SCM element	Potential problem	How to remediate the problem
The entire LS-FS	Trash/debris is present.	Remove the trash/debris.
The flow splitter device (if applicable)	The flow splitter device is clogged.	Unclog the conveyance and dispose of any sediment off-site.
	The flow splitter device is damaged.	Make any necessary repairs or replace if damage is too large for repair.
The blind swale	The swale is clogged with sediment.	Remove the sediment and dispose of it off-site.
	The swale is overgrown with vegetation.	Mow vegetation. Re-grade and re-vegetate if the swale has become silted in.
The LS	The level lip is cracked, settled, undercut, eroded or otherwise damaged.	Repair or replace lip.
The bypass channel	There is erosion around the end of the level spreader that shows stormwater has bypassed it.	Regrade the soil to create a berm that is higher than the level lip, and then plant a ground cover and water until it is established. Provide lime and a one-time fertilizer application.
	Trees or shrubs have begun to grow on the swale or just downslope of the level lip.	Remove them.
	Areas of bare soil and/or erosive gullies have formed.	Regrade the soil if necessary to remove the gully, and then reestablish proper erosion control.
The FS	Turf reinforcement is damaged or riprap is rolling downhill.	Study the site to see if a larger bypass channel is needed (enlarge if necessary). After this, reestablish the erosion control material.
	Grass is too short or too long (if applicable).	Maintain grass at a height of approximately three to six inches.
The FS	Areas of bare soil and/or erosive gullies have formed.	Regrade the soil if necessary to remove the gully, and then plant a ground cover and water until it is established. Provide lime and a one-time fertilizer application.
	Sediment is building up on the filter strip.	Remove the sediment and restabilize the soil with vegetation if necessary. Provide lime and a one-time fertilizer application.
	Grass is dead, diseased or dying.	Determine the source of the problem: soils, hydrology, disease, etc. Remedy the problem and replace plants. Provide a one-time fertilizer application.
	Nuisance vegetation is choking out grass.	Remove vegetation by hand if possible. If pesticides are used, do not allow it to get into the receiving water.
The receiving water	Erosion or other signs of damage have occurred.	Contact the NC Division of Water Resources.



- CONSTRUCTION SPECIFICATIONS**
1. THE MATTING SHOULD BE A MINIMUM OF 4 FEET WIDE EXTENDING 6 INCHES OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOIL AND BE SECURELY HELD IN PLACE WITH CLOSELY SPACED HEAVY DUTY WIRE STAPLES AT LEAST 12 INCHES LONG.
 2. ENSURE THAT THE SPREADER IS LEVEL, FOR UNIFORM SPREADING OF STORM RUNOFF.
 3. CONSTRUCT THE LEVEL SPREADER ON UNDISTURBED SOIL (NOT ON FILL).
 4. CONSTRUCT A 20 FOOT TRANSITION SECTION FROM THE DIVERSION CHANNEL TO BLEND SMOOTHLY WITH THE WIDTH AND DEPTH OF THE LEVEL SPREADER.
 5. DISPERSE RUNOFF FROM THE SPREADER ACROSS A PROPERLY STABILIZED SLOPE, NOT TO EXCEED 10%. MAKE SURE THAT THE SLOPE IS SUFFICIENTLY SMOOTH TO KEEP THE FLOW FROM CONCENTRATING.
 6. IMMEDIATELY AFTER ITS CONSTRUCTION, APPROPRIATELY SEED AND MULCH THE ENTIRE DISTURBED AREA OF THE LEVEL SPREADER.

LEVEL SPREADER
SCALE: N.T.S.

GRASS NOTE:
GRASS SHALL BE EITHER HYBRID BERMUDA GRASS OR CENTIPEDE

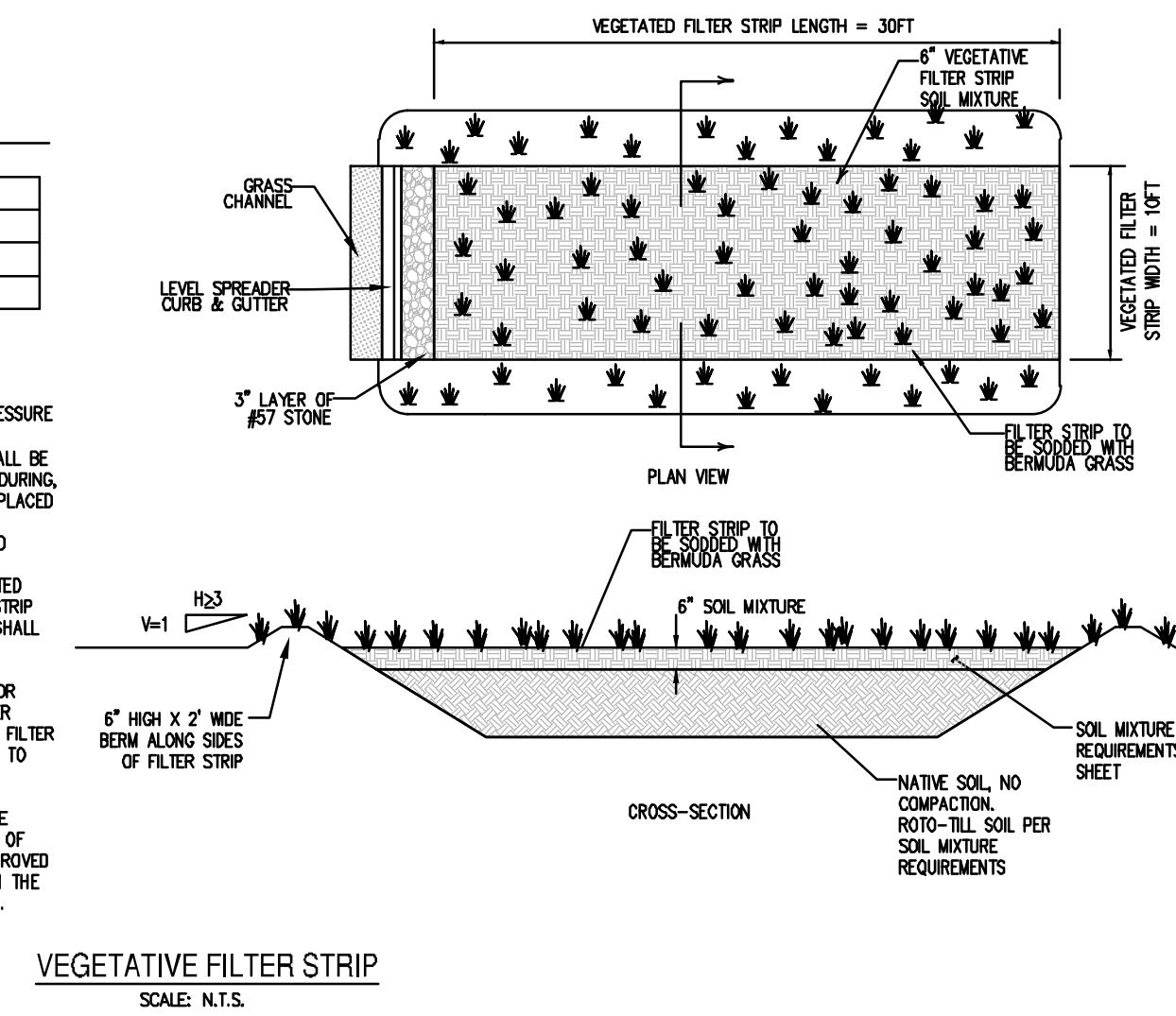
VEGETATIVE FILTER STRIP - SOIL MIXTURE

ITEM	PERCENT BY WEIGHT	MATERIAL
SAND	85-88%	CONSTRUCTION SAND
FINES	8%-12%	SILT
ORGANIC MATTER	3%-5%	COMPOST/PEAT MOSS

SOIL MIXTURE SHALL BE PLACED AND GRADED USING LOW GROUND-CONTACT PRESSURE EQUIPMENT OR BY EXCAVATORS AND/OR BACKHOES OPERATING ON THE GROUND ADJACENT TO THE VEGETATIVE FILTER STRIP FACILITY. NO HEAVY EQUIPMENT SHALL BE USED WITHIN THE PERIMETER OF THE VEGETATIVE FILTER STRIP FACILITY BEFORE, DURING, OR AFTER THE PLACEMENT OF THE SOIL MIXTURE. THE SOIL MIXTURE SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED 4 INCHES FOR THE ENTIRE AREA OF THE VEGETATIVE FILTER STRIP FACILITY. IF THE SOIL MIXTURE BECOMES CONTAMINATED DURING THE CONSTRUCTION OF THE VEGETATIVE FILTER STRIP FACILITY, THE CONTAMINATED MATERIAL SHALL BE REMOVED AND REPLACED WITH UNCONTAMINATED MATERIAL AT NO ADDITIONAL COST. FINAL GRADING OF THE VEGETATIVE FILTER STRIP SHALL BE PERFORMED AFTER A 24-HOUR SETTLING PERIOD. FINAL ELEVATIONS SHALL BE WITHIN 2 INCHES OF ELEVATIONS SHOWN ON THE CONTRACT PLANS.

THE SOIL MIXTURE SHALL BE A UNIFORM MIX FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS LARGER THAN TWO INCHES EXCLUDING MULCH. NO OTHER MATERIALS OR SUBSTANCES SHALL BE MIXED OR DUMPED WITHIN THE VEGETATIVE FILTER STRIP AREA THAT MAY BE HARMFUL TO PLANT GROWTH, OR PROVE A HINDRANCE TO THE PLANTING OR MAINTENANCE OPERATIONS.

PRIOR TO PLACING THE SOIL MIXTURE, THE BOTTOM OF THE EXCAVATION SHALL BE ROTO-TILLED TO A MINIMUM DEPTH OF 6 INCHES TO ALLEVIATE ANY COMPACTION OF THE FACILITY BOTTOM. ANY SUBSTITUTE METHOD FOR ROTO-TILING MUST BE APPROVED BY THE ENGINEER PRIOR TO USE. ANY PONDING WATER SHALL BE REMOVED FROM THE BOTTOM OF THE FACILITY AND THE SOIL SHALL BE FRABLE BEFORE ROTO-TILING.



VEGETATIVE FILTER STRIP
SCALE: N.T.S.

OPERATION & MAINTENANCE

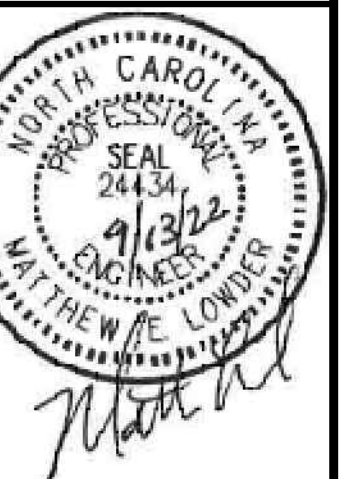
North Carolina storm water rules require annual inspections by the regulating agency of level spreader-filter strip areas as a minimum. More frequent inspections by the land owner or system operator are strongly encouraged to ensure the proper operation of level spreader-filter strip areas.

- A. Rainfall Event**
1. Inspect the SCM after every runoff-producing rainfall event.
- B. Monthly Inspection**
1. Inspect the SCM monthly.
 2. Check the level spreader-filter strip area side slopes; remove trash and repair eroded areas before the next rainfall event.
 3. Check the vegetative and rock filters for sediment accumulation, erosion and proper operation of the flow spreader mechanism and repair as necessary.
 4. Visually inspect and repair soil erosion on a monthly basis.
 5. Remediate any void area whenever necessary. Replacement of mulch layers may be necessary every two or three years. Mulch should be replaced in the spring. When the mulch layer is replaced, the previous layer should be removed first.
 6. Remove and replace all dead and diseased vegetation considered beyond treatment. This should be done twice a year, once in the spring and once in the fall. Treat all diseased trees and shrubs that are not beyond treatment as needed.
- C. Quarterly Inspection**
1. Inspect the collection system (i.e. catch basins, pipes and grass swales) for proper functioning. Clear accumulated trash from both grates and both bottoms. Check piping for obstructions.
 2. Check SCM inlet pipes for undercatching, replace rip-rap and repair broken pipes.
 3. Re-seed grassed areas, including the vegetated filter if applicable, twice a year as necessary. Repair eroded areas immediately.
- D. Six Month Inspection**
1. Remove accumulated sediment from the bottom of the outlet structure or other areas where accumulated sediment is noted.
 2. Inspect the embankment taking note of any wet areas where water may be seeping through the soil.
- E. General Inspection**
1. Maximum grass height is to be 6in.
 2. No woody vegetation shall be allowed to grow in the bio-retention area.
 3. Debris shall be removed from blocking the inlet and outlet structures and from areas of potential clogging.
 4. Periodic removal of dead vegetation shall be accomplished.
 5. All components of the level spreader-filter strip system must be kept in good working order.

3 STORMWATER MANAGEMENT SYSTEM DETAILS
NOT TO SCALE

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303 Pony Road



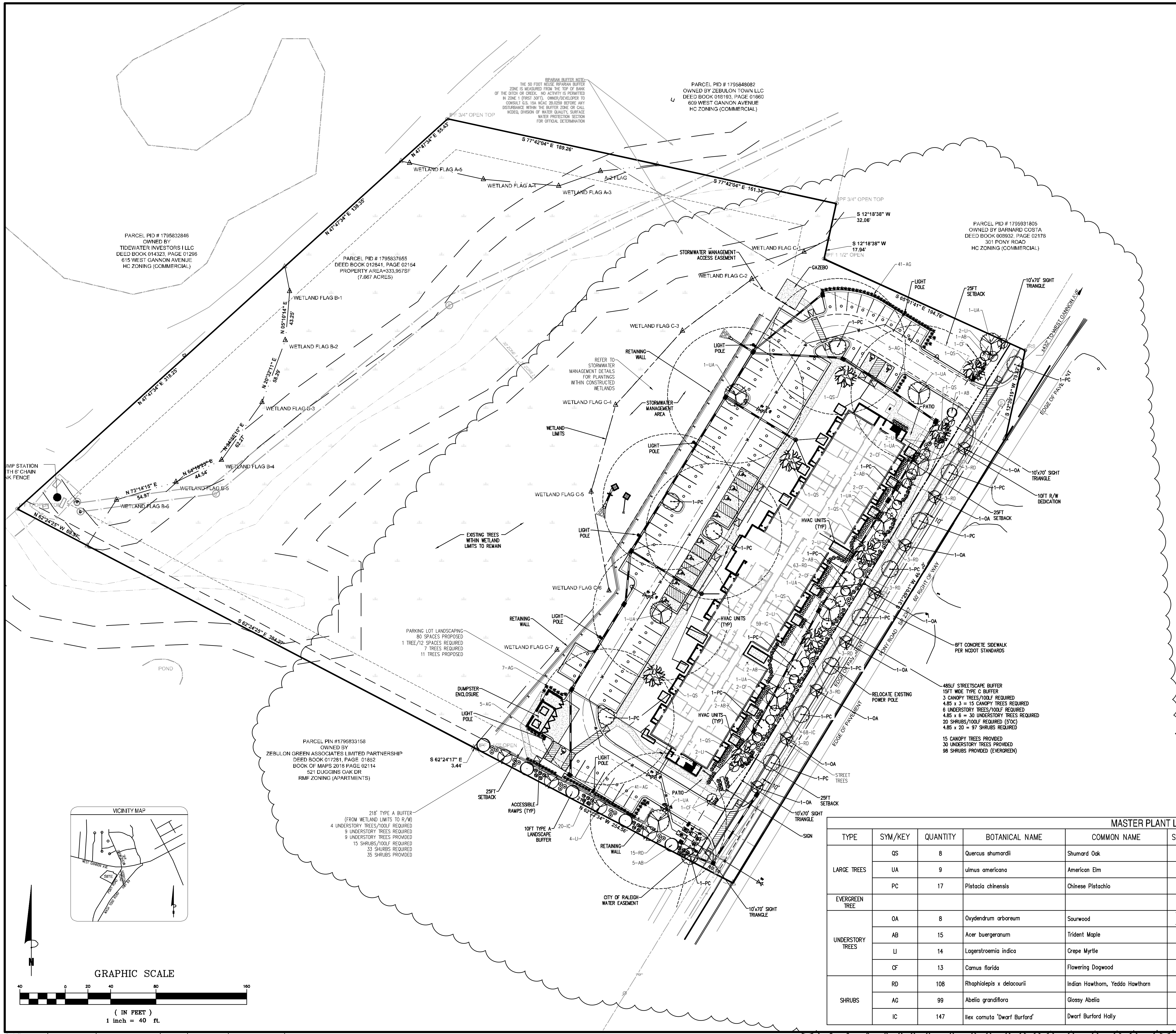
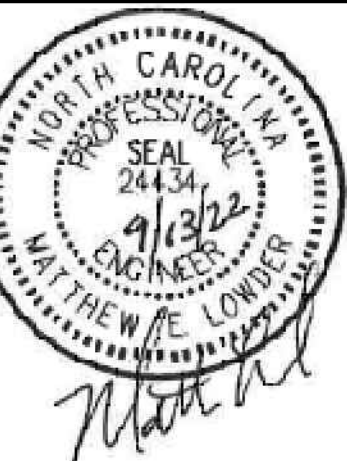
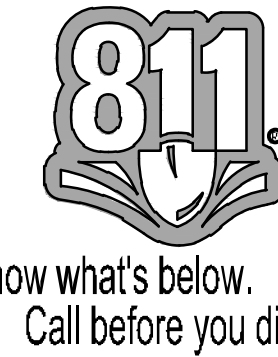
PLAN STATUS

5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TREES

DATE	DESCRIPTION
MEL DESIGN	MEL DRAWN
XXX CHKD	CHKD

SCALE: H: 1" = 40'
V: 1" = 40'

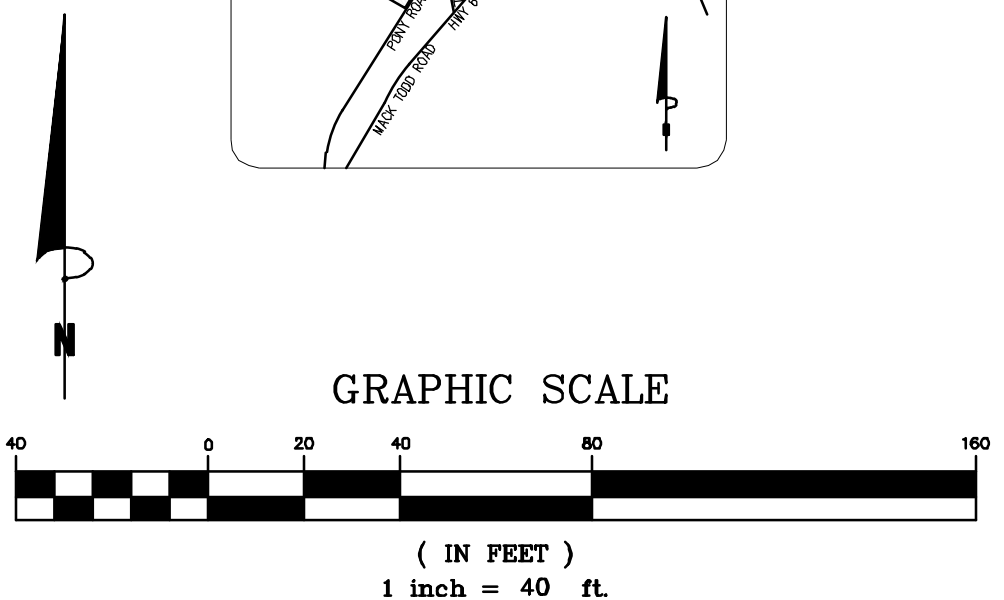
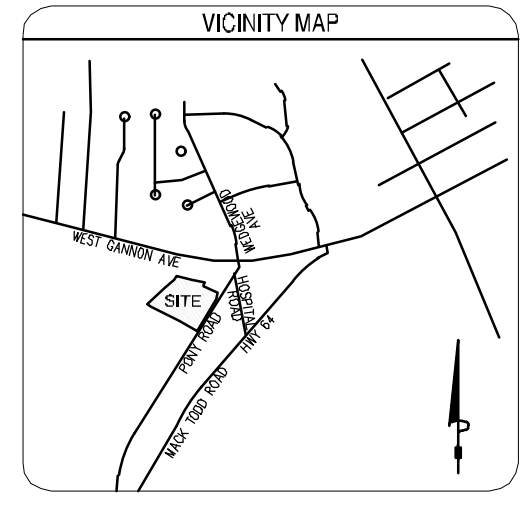
JOB No. 000000-00-000
DATE October 29, 2021
FILE No. 000000-0-CP-000



- LANDSCAPING NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL REQUIRED LANDSCAPING FOR THE ENTIRE SITE, TO INCLUDE BUT NOT LIMITED TO: SOODED/SEEDED AREAS, SHRUB BEDS, PARKING LOT ISLANDS, ROADSIDE SIGN BASE(S) AND MONUMENT PLANTERS.
 - CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES REGARDING LANDSCAPING.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A HEALTHY STAND OF GRASS ON ALL SEEDED AREAS.
 - IN THE EVENT THAT PLANTING BEDS AND MULCH ARE REQUIRED, THE CONTRACTOR SHALL INSTALL BLACK FABRIC WEED BLOCK LANDSCAPE MESH UNDER THE MULCH TO PREVENT WEED GROWTH.
 - CONTRACTOR SHALL PROVIDE NATURAL TOPSOIL THAT IS FERTILE, FRIABLE, WITHOUT MIXTURE OF SUBSOIL MATERIALS, AND OBTAINED FROM A WELL DRAINED, AVAILABLE SITE. IT SHALL NOT CONTAIN SUBSTANCES WHICH MAY BE HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE SCREENED AND FREE FROM CLAY, LUMPS, STONES, ROOTS, PLANTS, OR SIMILAR SUBSTANCES 1" OR MORE IN DIAMETER, DEBRIS, OR OTHER OBJECTS WHICH MIGHT BE A HINDERANCE TO PLANTING OPERATIONS. TOPSOIL SHALL CONTAIN AT LEAST 4-6% ORGANIC MATTER BY WEIGHT AND HAVE A PH RANGE OF 5.5 TO 7.0.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATERING AND THE MAINTENANCE OF ALL LANDSCAPED AREAS UNTIL THE LATER OF: (a) THIRTY (30) DAYS FOLLOWING THE PLANTING OF THE GRASS AND SHRUBS, OR (b) THE DATE THAT BUILDINGS OPEN FOR BUSINESS TO THE PUBLIC.
 - GENERAL CONTRACTOR IS TO CLEAN ENTIRE SITE OF ALL CONSTRUCTION DEBRIS AND RAKE ALL GRASS AREAS.
 - PROVIDE LANDSCAPE PLANS TO OWNER AND AS REQUIRED BY LOCAL JURISDICTION TO THE BLDG. DEPT. FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
 - ALL LANDSCAPING, TREES, SHRUBS, ETC. SHALL NOT INTERFERE WITH THE VISIBILITY OF PROJECT SIGNAGE.
 - CONTRACTOR TO VERIFY QUANTITIES PRIOR TO COMMENCING WORK.
 - OPEN AREAS WITHIN PLANTING BEDS SHALL BE MULCHED.

- GENERAL LANDSCAPE NOTES:**
- ANY DISTURBED AREAS NOT SCHEDULED FOR HARDSCAPE, PLANTINGS, OR MULCH SHALL BE SEEDED LAWN.
 - NO PLANT SUBSTITUTIONS ARE PERMITTED WITHOUT WRITTEN APPROVAL OF THE OWNERS REPRESENTATIVE.
 - ALL PLANT AND BED LINE LOCATIONS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 - ALL PLANTINGS SHALL BE INSTALLED WITH THE SPECIFIED LAYER OF MULCH. REFERENCE DETAILS AND SPECIFICATIONS FOR DEPTH AND TYPE OF MULCH. ALL TREES AND SHRUBS SHALL BE PLANTED IN MULCH BEDS AND SHALL BE SEPARATED FROM TURF GRASS AREAS.
 - GRASS COVERAGE TO EXTEND FROM PROPERTY LINES TO BACK OF CITY SIDEWALKS AND/OR CURBS.
 - MINIMUM TREE SIZE AT PLANTING IS 2" CALIPER (FOR SINGLE STEM TREES). ALL MULTI-STEM PLANTS MUST BE TREE FORM, MAXIMUM 3 TO 5 TRUNKS, AND MINIMUM 8 FEET TALL.
 - ALL STRAPPING AND TOP 2/3 OF WIRE BASKET MUST BE CUT AWAY AND REMOVED FROM ROOT BALL PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF THE BURLAP FROM ROOT BALL.
 - FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS; REMOVE COMPACTED SOIL AND ADD 18" NEW TOPSOIL, OR TILL AND AMEND THE TOP 18" OF EXISTING SOIL TO MEET TOPSOIL/PLANTING MIX STANDARDS FOR TREES.
 - LARGE MATURING TREES MAY NOT BE PLANTED WHERE THERE ARE OVERHEAD DISTRIBUTION OR TRANSMISSION LINES. IF TREES CONFLICT WITH POWER LINES OR SIGNS, CALL URBAN FORESTER TO RESOLVE BEFORE PLANTING.
 - ADJUST TREE PLANTING LOCATIONS TO AVOID UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES (SEWER AND STORM DRAINAGE, GAS, WATER, PHONE, AND ELECTRICAL LINES).
 - ATTENTION LANDSCAPER: NOTIFY OWNER OF ANY SIGN, POWER LINE, OR OTHER CONFLICTS BEFORE PLANTING NEW TREES.

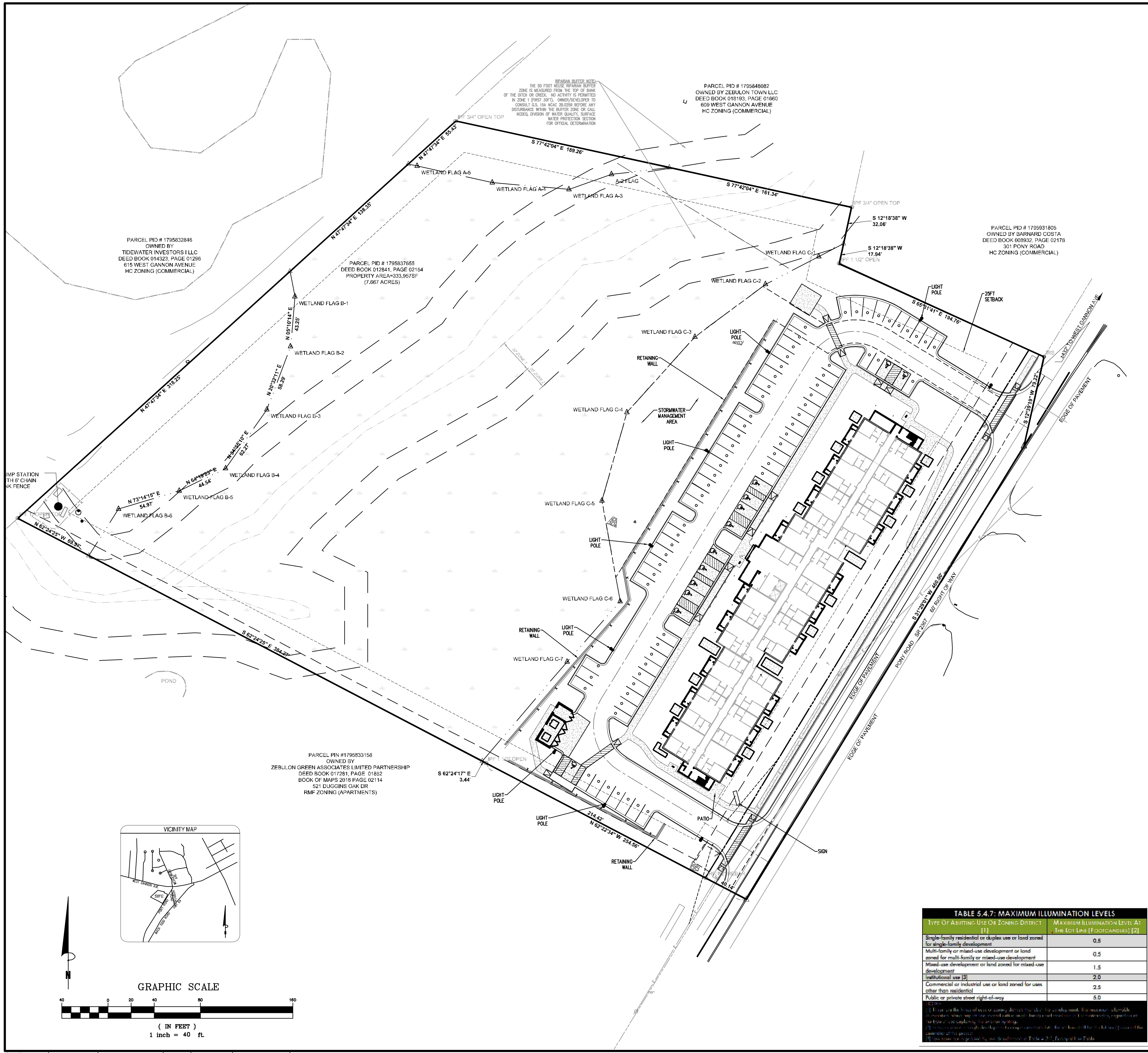
MASTER PLANT LIST											
TYPE	SYM/KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SYMBOL	CALIPER	HEIGHT	SPREAD	ROOT	SPACING	OTHER
LARGE TREES	OS	8	Quercus shumardii	Shumard Oak		2.5"	8' MIN		B&B	AS SHOWN	
	UA	9	Ulmus americana	American Elm		2.5"	8' MIN		B&B	AS SHOWN	
	PC	17	Pistacia chinensis	Chinese Pistachio		2.5"	8' MIN		B&B	AS SHOWN	
EVERGREEN TREE							6' MIN				
UNDERSTORY TREES	OA	8	Oxydendrum arboreum	Sourwood		1.5"	4' MIN		B&B	AS SHOWN	
	AB	15	Acer buergerianum	Trident Maple		1.5"	4' MIN		B&B	AS SHOWN	
	LI	14	Loganstroemia indica	Crape Myrtle		-	4' MIN		B&B	AS SHOWN	
	CF	13	Camus florida	Flowering Dogwood		1.5"	4' MIN		B&B	AS SHOWN	
SHRUBS	RD	108	Rhaphiolepis x delacourii	Indian Hawthorn, Yeddo Hawthorn		-	18" MIN		3 GAL	AS SHOWN	
	AG	99	Abelia grandiflora	Glossy Abelia		-	18" MIN		3 GAL	AS SHOWN	
	IC	147	Ilex cornuta 'Dwarf Burford'	Dwarf Burford Holly		-	18" MIN		3 GAL	AS SHOWN	



PLAN STATUS

5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
7/6/22	PER NCDOT REVIEW
9/13/22	ADJUSTED STREET TREES
DATE	DESCRIPTION
MEL	MEL XXX
DESIGN	DRAWN CHKD
SCALE	H: 1" = 40'
	V: 1" = XXX'
JOB No.	000000-00-000
DATE	October 29, 2021
FILE No.	000000-0-CP-000

SHEET **C7.0**



The energy-efficient Shoebox LED is a green solution and great fit for commercial parking lots, roads, office buildings and streets providing a "white light" that will enhance the appearance of your site. The Shoebox LED delivers light where it is needed, while increasing visibility and reducing spill light to adjoining properties. Selected to be an alternative to the metal halide light fixture, this fixture provides a white light source that will enhance colors, adding to visual clarity and improving area uniformity.

LED (light-emitting diode)	213 421 watts
Mounting height	20' - 35' 30FT MAX. MOUNTING HEIGHT
Color	Dark bronze Black
Poles	Tenon top concrete Paved concrete
Applications	Neighborhoods Roadways Shopping centers

For additional information, visit us at dualite.com or call us at 800.765.6457.



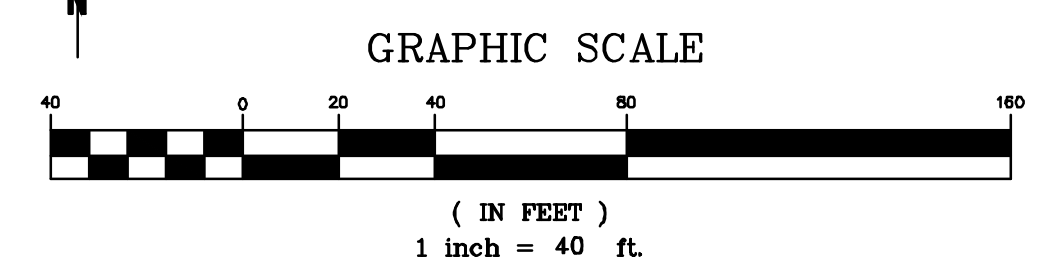
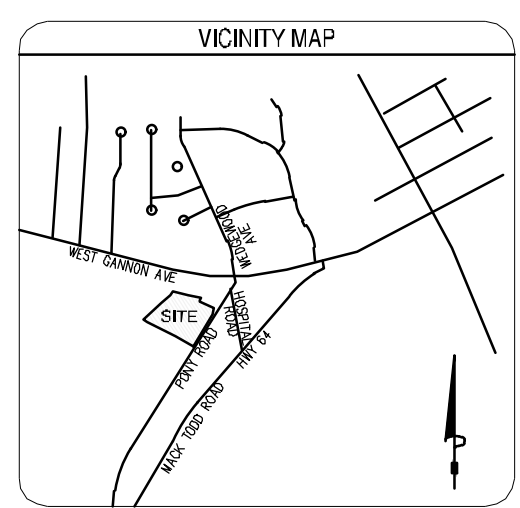
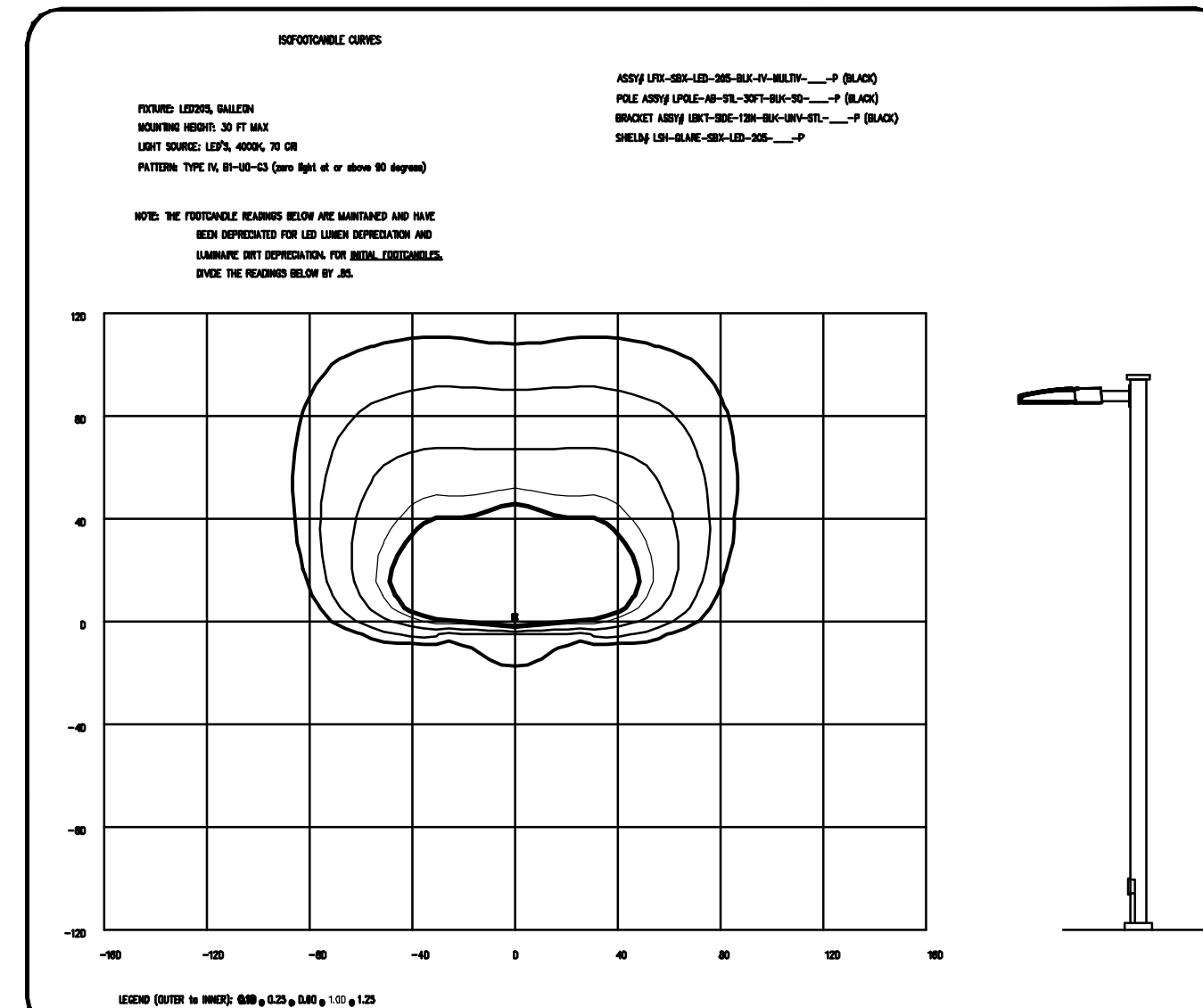
Name	Mounting Height	Color
Tenon top concrete	20' - 35' 30FT MAX. MOUNTING HEIGHT	Gray
Paved concrete	20' - 35' 30FT MAX. MOUNTING HEIGHT	Bronze

Features	Benefits
Little or no installation cost	Free up capital for other projects
Design services by lighting professionals included	Meets industry standards and lighting ordinances
Maintenance included	Eliminates high and unexpected repair bills
Electricity included	Less expensive than standard service
Warranty included	Worry-free
One low monthly cost on your electric bill	Convenience and savings for you
Turnkey operation	Provides hassle-free installation and service
Backed by over 40 years of experience	A name you can trust today... and tomorrow

TABLE 5.4.7: MAXIMUM ILLUMINATION LEVELS

Type of Adjoining Use or Zoning District	Maximum Illumination Level At The Lot Line (Foot-candles) [1]	Maximum Illumination Level At The Lot Line (Foot-candles) [2]
Single-family residential or duplex use or land zoned for single-family development	0.5	0.5
Multi-family or mixed-use development or land zoned for multi-family or mixed-use development	0.5	0.5
Mixed-use development or land zoned for mixed-use development	1.5	1.5
Institutional use [3]	2.0	2.0
Commercial or industrial use or land zoned for uses other than residential	2.5	2.5
Public or private street right-of-way	5.0	5.0

[1] Foot-candle values of varying distances from the maximum illuminance level are provided for use in determining the maximum illuminance level at the lot line. [2] Foot-candle values are provided for use in determining the maximum illuminance level at the lot line. [3] Institutional use includes schools, libraries, and other public buildings.



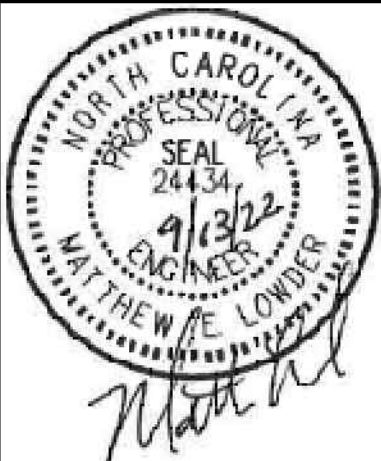
Bowman

Bowman North Carolina Ltd.
4006 BARRETT DR
Suite 104
RALEIGH, NC 27609
Phone: (919) 555-6570
bowman.com

Wake County

LIGHTING PLAN
The Carrington
303 Pony Road

Zebulon, NC



PLAN STATUS

5/25/22	PER DEQ REVIEW
6/16/22	PER DEQ REVIEW
6/24/22	PER COUNTY REVIEW
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9/13/22	ADJUSTED STREET TREES

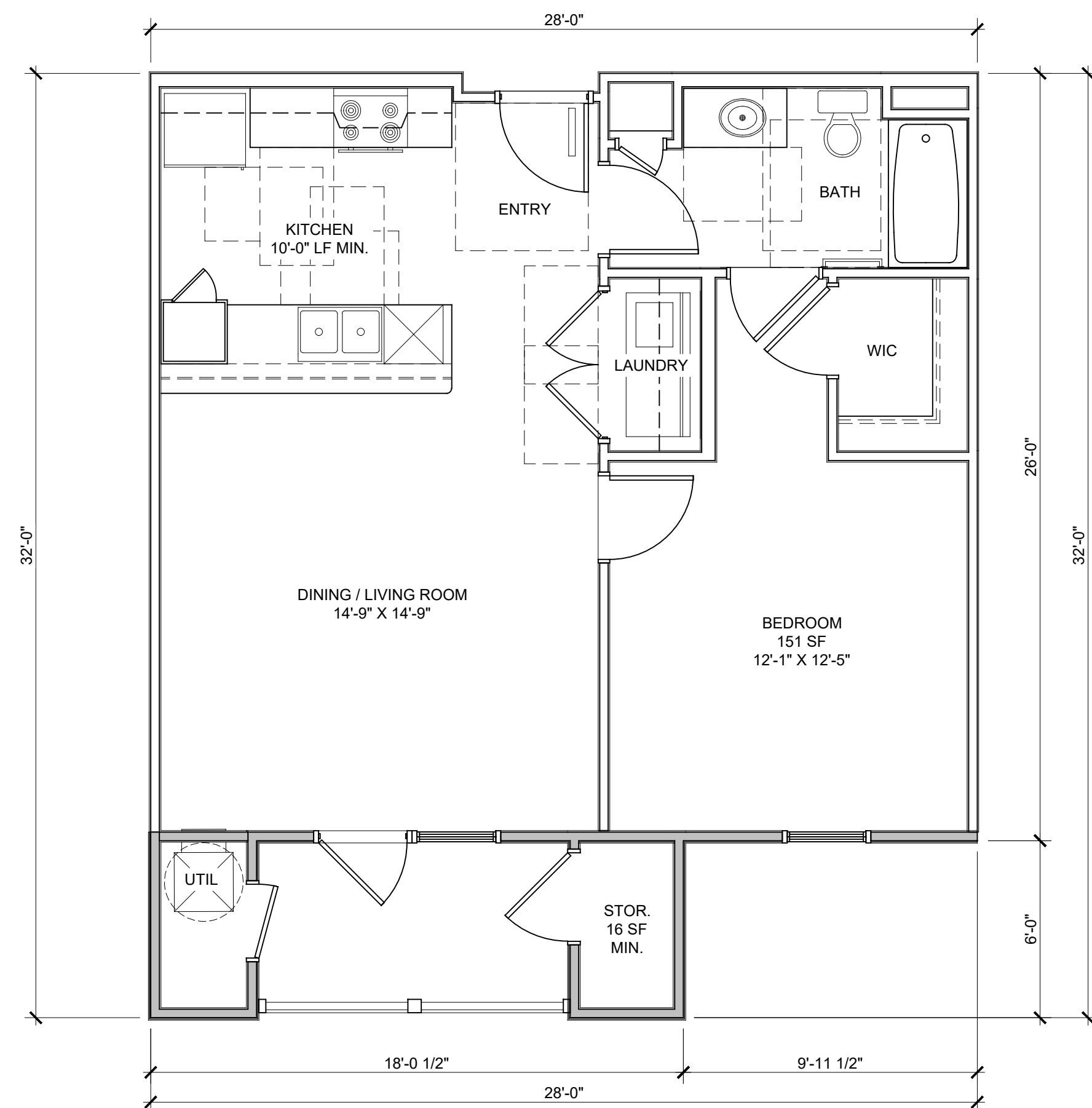
DATE	DESCRIPTION
MEL DESIGN	MEL DRAWN
XXX	CHKD

SCALE: H: 1" = 40'
V: 1" = XXX'

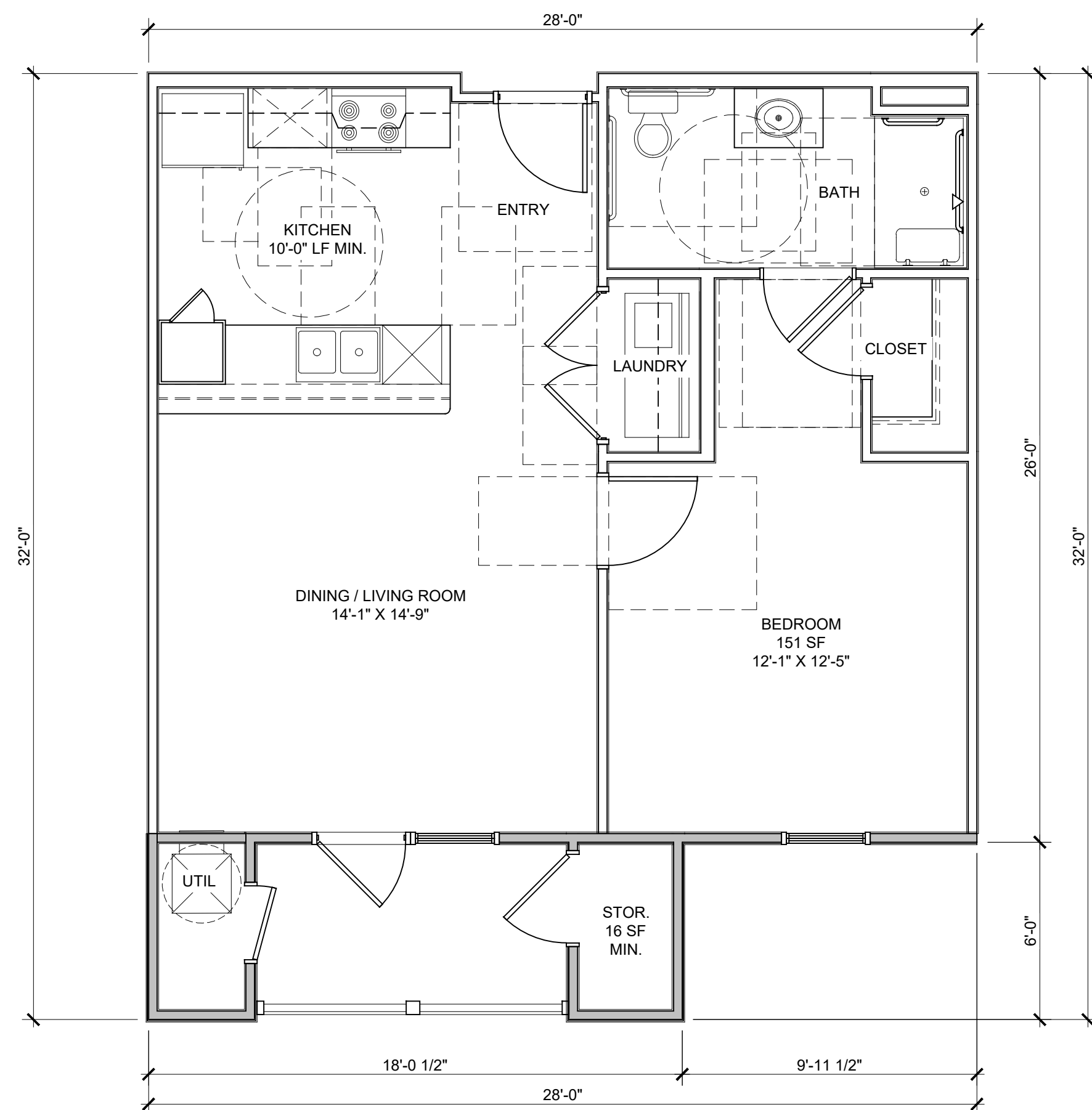
JOB No. 000000-00-000
DATE October 29, 2021
FILE No. 000000-0-CP-000

SHEET **C7.1**

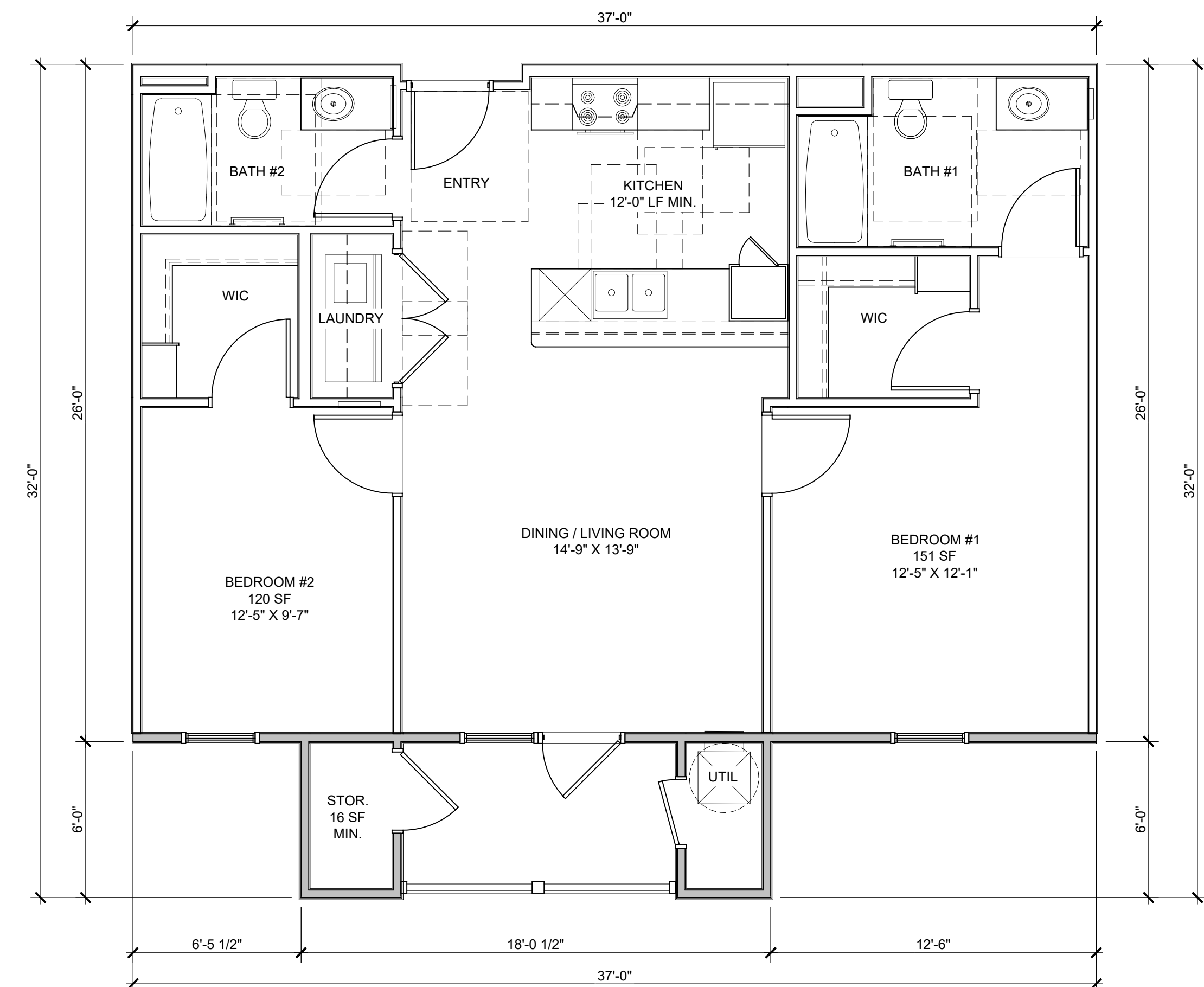
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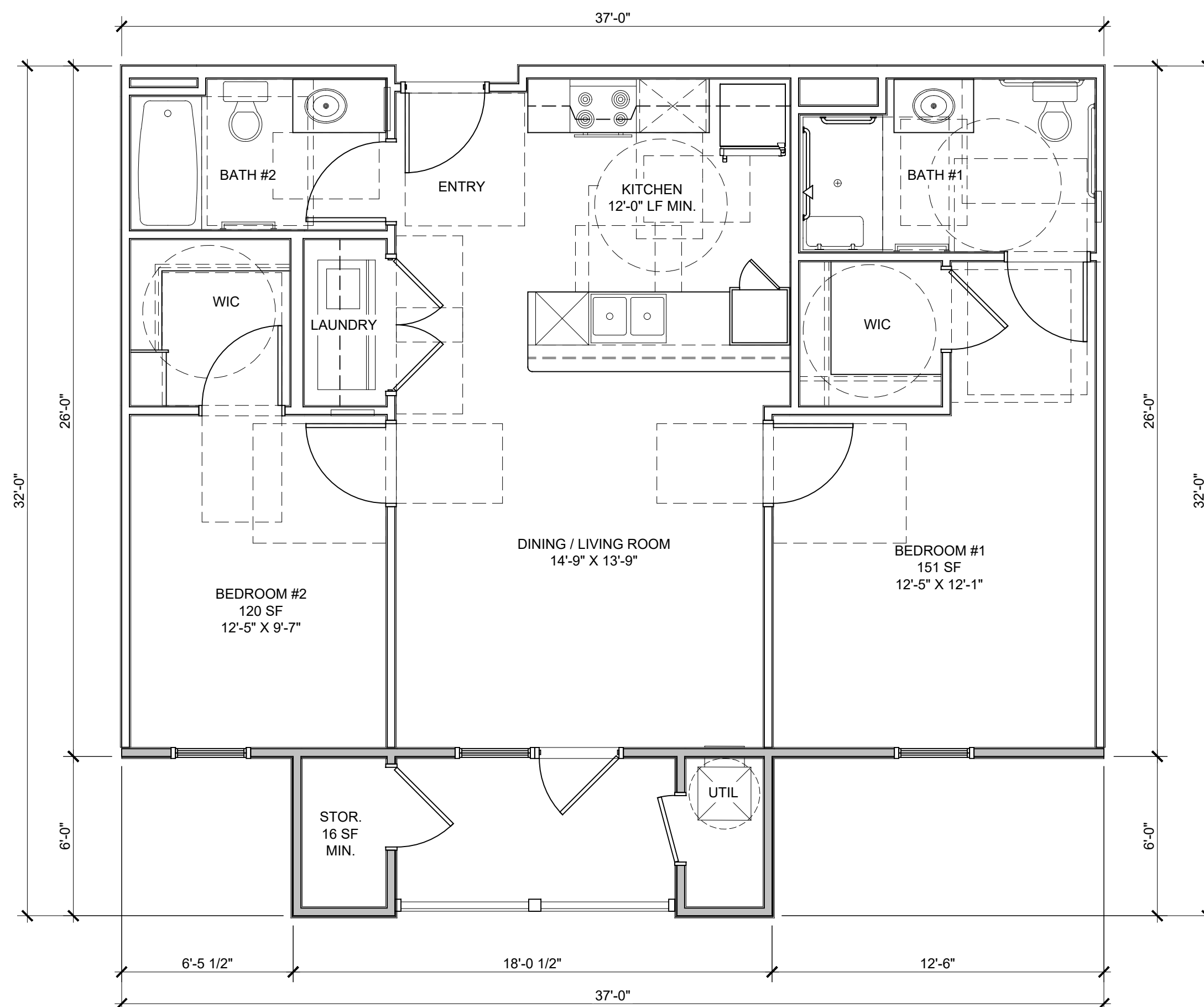
1 1 BR UNIT FLOOR PLAN
1/4" = 1'-0" NET HEATED SQ FT = 685



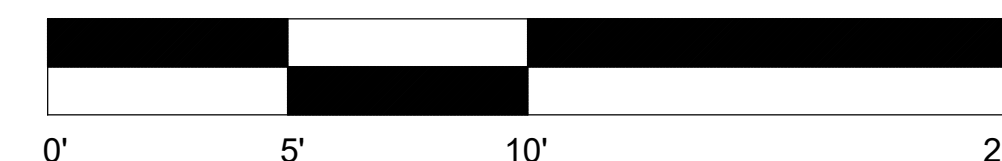
2 1 BR HC UNIT FLOOR PLAN
1/4" = 1'-0" NET HEATED SQ FT = 685



3 2 BR UNIT FLOOR PLAN
1/4" = 1'-0" NET HEATED SQ FT = 910



4 2 BR HC UNIT FLOOR PLAN
1/4" = 1'-0" NET HEATED SQ FT = 910



PLANS MEET THE "APPENDIX B" DESIGN QUALITY STANDARDS AND REQUIREMENTS SET FORTH BY THE 2021 NC GAP

No.	Date	Description
	02.03.22	

Job Number: 20-31
File Reference:

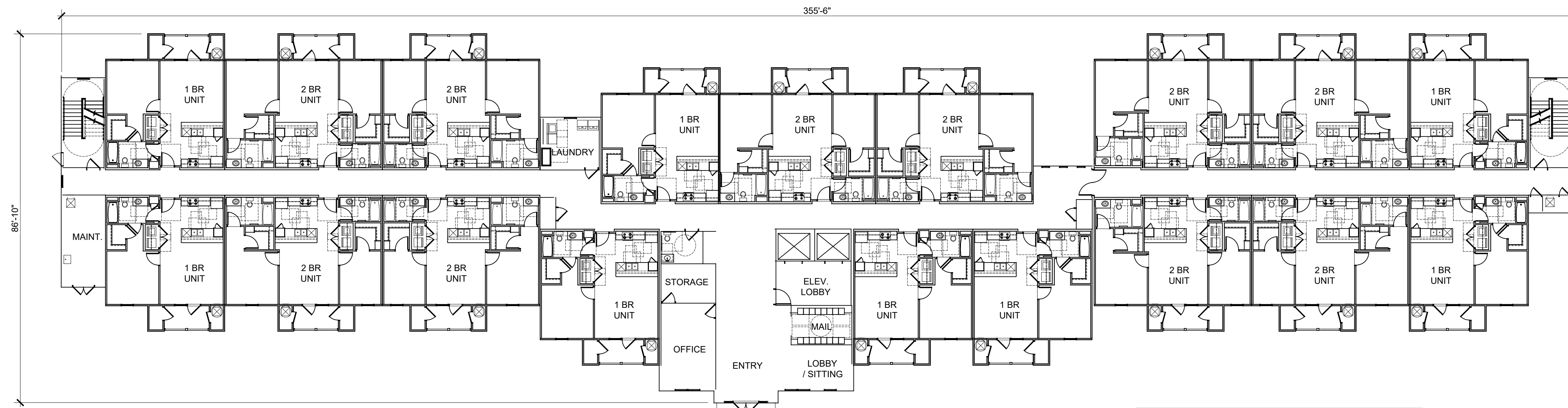
Scale: 1/4" = 1'

THE CARRINGTON
APARTMENTS
ZEBULON, NORTH CAROLINA

PARKS-PLAYER
ARCHITECTURE
& PLANNING, LLC
315 EAST BRAD STREET
GREENVILLE, SC 29601
(864) 382-5000

1 AND 2 BEDROOM
UNIT FLOOR PLANS

Sheet Number:
A-1



1 BUILDING GROUND FLOOR PLAN
1/16" = 1'-0"

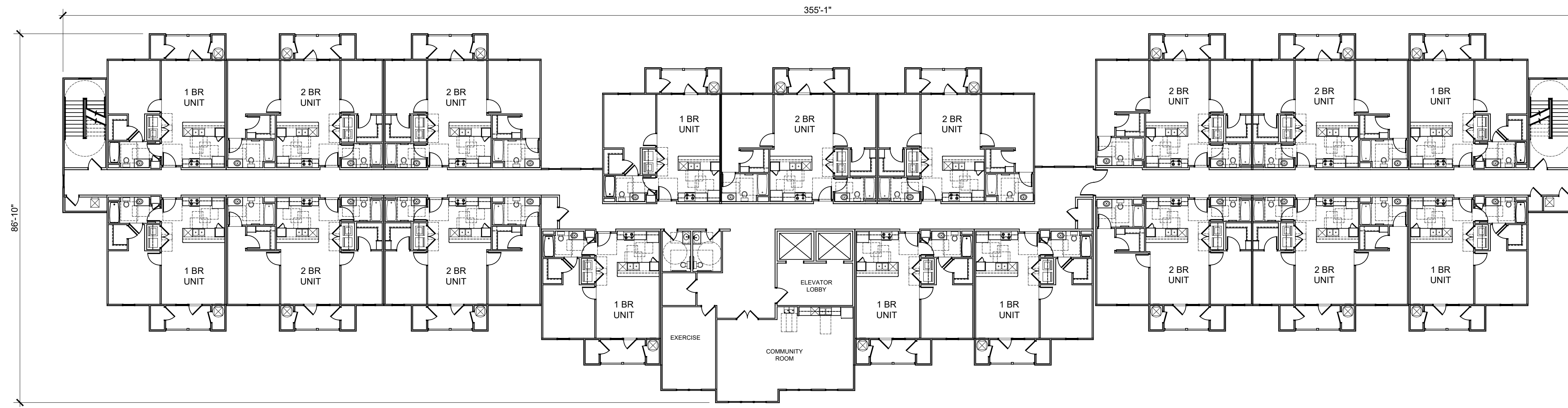
UNIT MIX:
 1ST FLOOR = 8-1 BED UNITS / 10-2 BED UNITS
 2ND FLOOR = 8-1 BED UNITS / 10-2 BED UNITS
 3RD FLOOR = 8-1 BED UNITS / 10-2 BED UNITS
 4TH FLOOR = 8-1 BED UNITS / 10-2 BED UNITS

TOTAL - 32 - 1 BED UNITS / 40-2 BED UNITS = 72 TOTAL UNITS

1ST FLOOR = 22,472 GROSS HEATED SF
 2ND FLOOR = 22,118 GROSS HEATED SF
 3RD FLOOR = 21,176 GROSS HEATED SF
 4TH FLOOR = 21,176 GROSS HEATED SF

TOTAL GROSS HEATED SF = 86,942

PLANS MEET THE "APPENDIX B" DESIGN QUALITY STANDARDS AND REQUIREMENTS SET FORTH BY THE 2021 NC QAP



2 BUILDING SECOND FLOOR PLAN
1/16" = 1'-0"

No.	Date	Description
02.03.22		

Job Number: 20-31

File Reference:

Scale: 1/8" = 1'

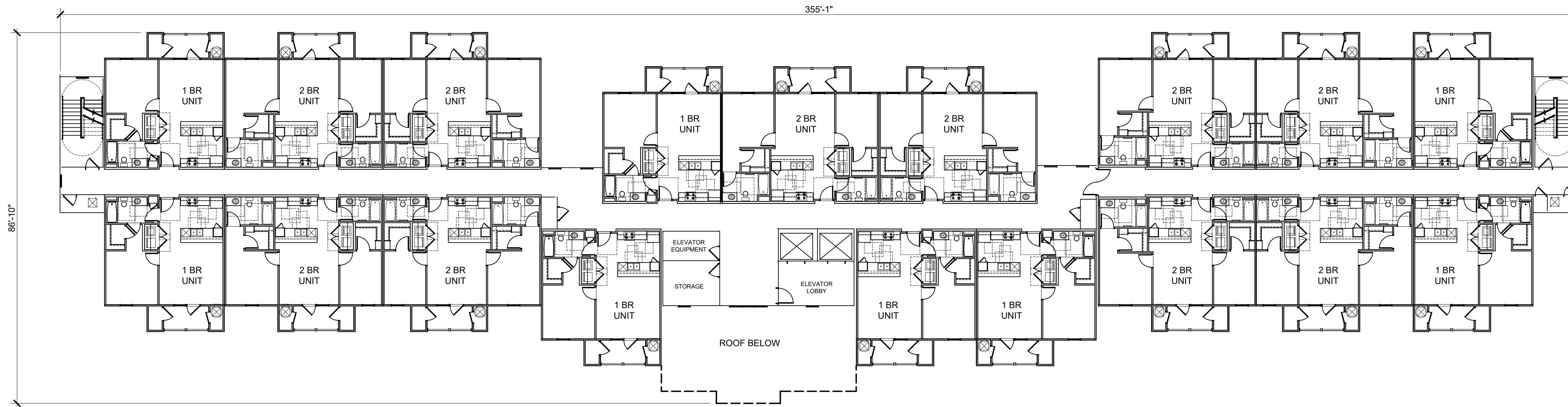
THE CARRINGTON
APARTMENTS
ZEBULON, NORTH CAROLINA

PARKS-PLAYER
ARCHITECTURE
& PLANNING, LLC
315 EAST BROAD STREET
GREENVILLE, SC 29601
(864) 382-5000

BUILDING 1ST &
2ND FLOOR PLANS

Sheet Number:
A-2

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1 BUILDING THIRD FLOOR PLAN
1/16" = 1'-0"

UNIT MIX:

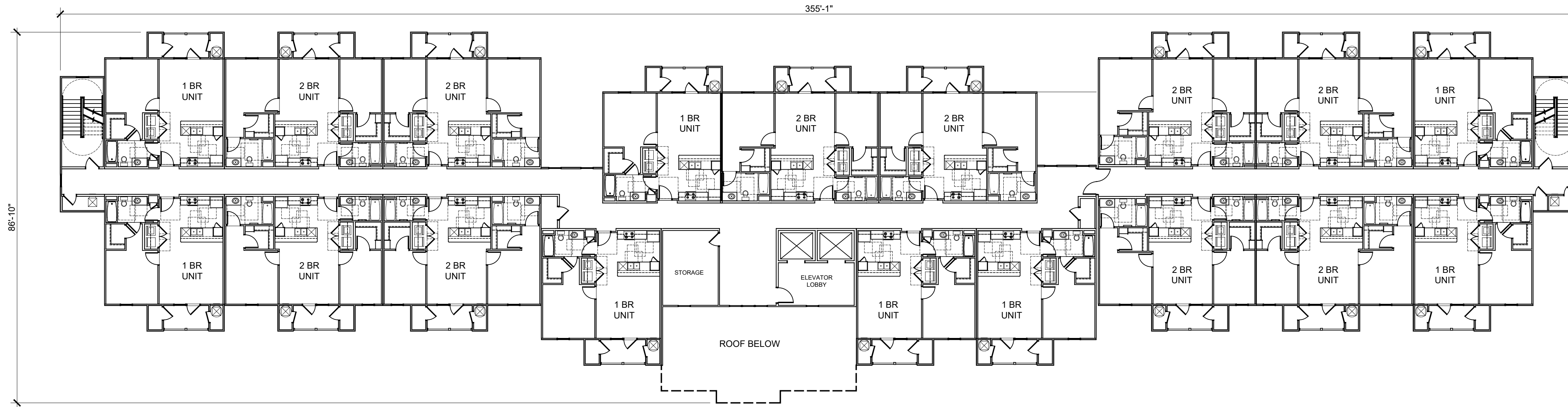
1ST FLOOR = 8-1 BED UNITS / 10-2 BED UNITS
 2ND FLOOR = 8-1 BED UNITS / 10-2 BED UNITS
 3RD FLOOR = 8-1 BED UNITS / 10-2 BED UNITS
 4TH FLOOR = 8-1 BED UNITS / 10-2 BED UNITS

TOTAL - 32 - 1 BED UNITS / 40-2 BED UNITS = 72 TOTAL UNITS

1ST FLOOR = 22,472 GROSS HEATED SF
 2ND FLOOR = 22,118 GROSS HEATED SF
 3RD FLOOR = 21,176 GROSS HEATED SF
 4TH FLOOR = 21,176 GROSS HEATED SF

TOTAL GROSS HEATED SF = 86,942

PLANS MEET THE "APPENDIX B" DESIGN QUALITY STANDARDS
 AND REQUIREMENTS SET FORTH BY THE 2021 NC QAP



2 BUILDING FOURTH FLOOR PLAN
1/16" = 1'-0"

No.	Date	Description
	02.03.22	

Job Number: 20-31

File Reference:

Scale: 1/8" = 1'

THE CARRINGTON
 APARTMENTS
 ZEBULON, NORTH CAROLINA

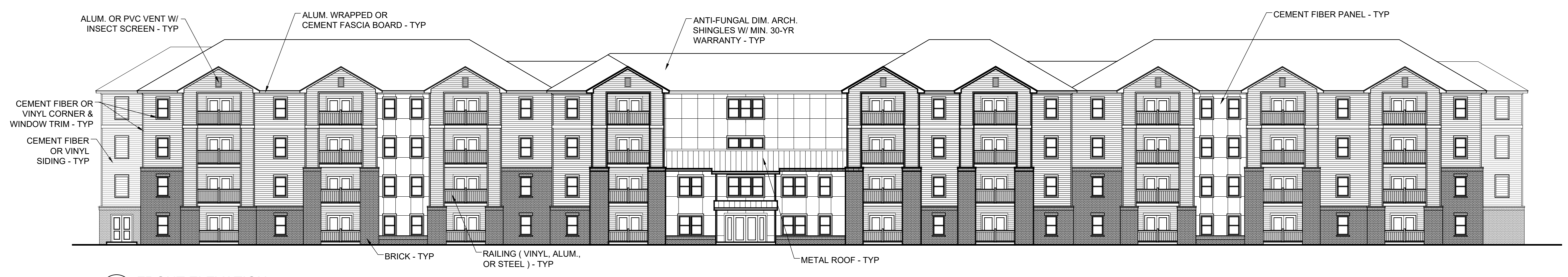
PARKS-PLAYER
 ARCHITECTURE
 & PLANNING, LLC
 315 EAST BROAD STREET
 GREENVILLE, SC 29601
 (864) 382-5000

BUILDING 3RD &
 4TH FLOOR PLANS

Sheet Number:
A-3

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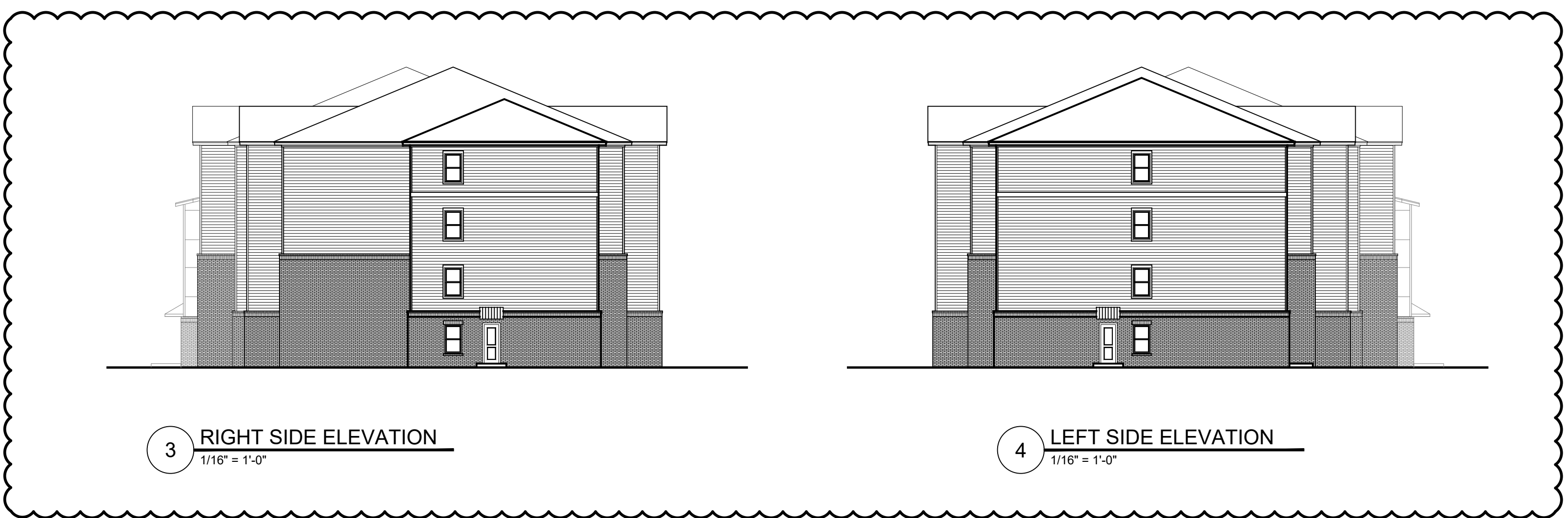
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1 FRONT ELEVATION
1/16" = 1'-0"

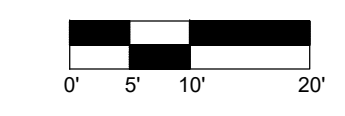


2 REAR ELEVATION
1/16" = 1'-0"



3 RIGHT SIDE ELEVATION
1/16" = 1'-0"

4 LEFT SIDE ELEVATION
1/16" = 1'-0"



PLANS MEET THE "APPENDIX B" DESIGN QUALITY STANDARDS AND REQUIREMENTS SET FORTH BY THE 2021 NC QAP

No.	Date	Description
	04.26.22	

Job Number: 20-31

File Reference:

Scale: 1/8" = 1'

THE CARRINGTON
APARTMENTS
ZEBULON, NORTH CAROLINA

PARKS-PLAYER
ARCHITECTURE
& PLANNING, LLC
315 EAST BROAD STREET
GREENVILLE, SC 29601
(864) 382-5000

BUILDING
ELEVATIONS

Sheet Number:
A-4