

NC COASTAL FEDERATION CENTER FOR COASTAL PROTECTION AND RESTORATION

4411 HIGHWAY 24
CARTERET COUNTY, NORTH CAROLINA 28570

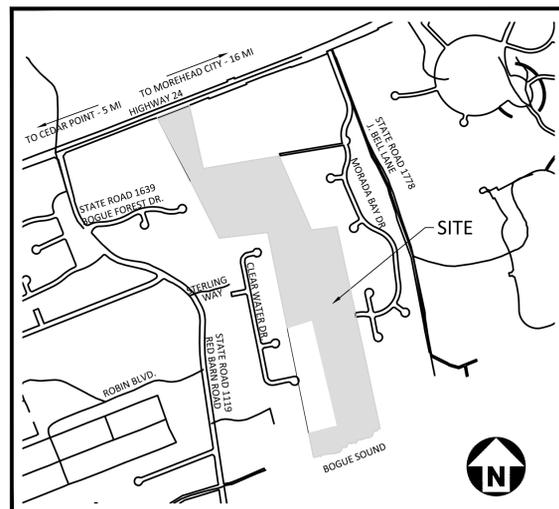
SITE DATA TABLE	
COMPACTED NATURAL EARTH	129,975 SF
PROPOSED GRAVEL DRIVE	82,290 SF
TOTAL PROJECT AREA	66.25 AC
TOTAL BUA	1.89 AC (2.85%)
TOTAL BUA WITHIN 575' SETBACK	0.0 AC (0%)
COASTAL WETLANDS	1.0 AC
RIVER BASIN	WHITE OAK
RECEIVING WATER	BOGUE SOUND

DRIVEWAY DESIGN

PROJECT NUMBER: NCF23002
DATE: 08. 13. 2025
REVISED: 08. 21. 2025

SHEET INDEX

C0.00	PROJECT NOTES	
C1.00	EXISTING CONDITIONS	
C1.01	DEMOLITION PLAN	
C2.00	OVERALL SITE PLAN	
C2.01	SITE PLAN - AREA A	
C2.02	SITE PLAN - AREA B	
C3.00	OVERALL GRADING PLAN	
C3.01	GRADING PLAN - AREA A	
C3.02	GRADING PLAN - AREA B	
C5.00	PLAN AND PROFILE	DRIVEWAY "A", STA. 10+00 THRU STA. 23+00
C5.01	PLAN AND PROFILE	DRIVEWAY "A", STA. 23+00 THRU STA. 36+00
C5.02	PLAN AND PROFILE	DRIVEWAY "A", STA. 36+00 THRU STA. 48+50
C5.03	PLAN AND PROFILE	DRIVEWAY "B"
C6.00	EROSION CONTROL NOTES	
C6.01	OVERALL EROSION CONTROL PLAN - STAGE 1	
C6.02	EROSION CONTROL PLAN - AREA A STAGE 1	
C6.03	EROSION CONTROL PLAN - AREA B STAGE 1	
C6.04	OVERALL EROSION CONTROL PLAN - STAGE 2	
C6.05	EROSION CONTROL PLAN - AREA A STAGE 2	
C6.06	EROSION CONTROL PLAN - AREA B STAGE 2	
C6.10	EROSION CONTROL DETAILS	
C6.11	EROSION CONTROL DETAILS	
C6.12	EROSION CONTROL DETAILS	
C6.13	EROSION CONTROL DETAILS	
C8.00	SITE DETAILS	



VICINITY MAP
N.T.S.

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PROJECT DIRECTORY



REVISIONS

NO.	DATE	REVISION
1	08. 21. 2025	NCDDOT COMMENT REVISION

GENERAL NOTES

- FEMA FIRM PANEL 3720630500K, EFFECTIVE JANUARY 17, 2025.
- THIS CONSTRUCTION DOCUMENT SET HAS BEEN CREATED TO ILLUSTRATE THE GENERAL DESIGN INTENT OF THE PROJECT. CONTRACTOR SHALL WORK CLOSELY WITH THE OWNER'S REPRESENTATIVE, PROVIDING NOTIFICATION IF ADDITIONAL INFORMATION IS NEEDED TO PROPERLY CONSTRUCT/INSTALL/BUILD ELEMENTS DEPICTED HEREIN AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IF DISCREPANCIES EXIST WITHIN THE CONSTRUCTION DOCUMENT SET.
- CONTRACTOR TO PROVIDE THE MOST RECENT CONSTRUCTION DOCUMENT SET TO ALL SUB CONTRACTORS. ALL SUB CONTRACTORS SHALL BE GIVEN THE ENTIRE SET OF DOCUMENTS. IT IS THE SUB CONTRACTOR'S RESPONSIBILITY TO REVIEW THE ENTIRE PLAN SET INCLUDING THE MOST RECENT CONTRACT DOCUMENT ADDENDUMS, AMENDMENTS, RE-ISSUES, BULLETIN DRAWINGS, ETC. AND ENSURE THEY HAVE THE NECESSARY INFORMATION TO ACCURATELY SCOPE THE PROJECT FOR THE SUB CONTRACTORS' RESPECTIVE TRADE.
- CONTRACTOR IS ADVISED THAT ADDITIONAL NOTES MAY BE FOUND ON SUBSEQUENT SHEETS OF THE CONSTRUCTION DOCUMENT SET AND THAT SUCH NOTES, WHILE PERTAINING TO THE SPECIFIC DRAWINGS ON WHICH THEY ARE PLACED, SUPPLEMENT THE NOTES LISTED HEREIN. ALL NOTES SHALL BE APPLICABLE TO ALL DRAWINGS, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND MEP DRAWINGS AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION.
- DIGITAL BASE FILE SHALL BE MADE AVAILABLE FOR USE IN FIELD LOCATION OF ELEMENTS AND SITE FEATURES. HARDCOPY INFORMATION THAT CONFLICTS SHALL BE BROUGHT TO THE OWNER'S REPRESENTATIVE'S ATTENTION. HARDCOPY INFORMATION SHALL PREVAIL. PHYSICAL HARDCOPES (I.E. PRINTED) AS WELL AS PUBLISHED DIGITAL SETS (I.E. PDF FILE) ARE CONSIDERED HARDCOPY.
- PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION, CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE. THE OWNER, CONTRACTOR, OWNER'S REPRESENTATIVE, AND REPRESENTATIVES FROM AUTHORITIES HAVING JURISDICTION SHALL BE INVITED TO ATTEND THE MEETING.
- CONTRACTOR SHALL VERIFY THAT NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION.
- CONTRACTOR SHALL SCHEDULE, OBTAIN, AND PAY FOR INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC. THAT MAY BE REQUIRED. PAYMENT SHALL BE MADE EITHER DIRECTLY OR AS A REIMBURSABLE COST TO THE OWNER ACCORDING TO THE CONTRACT TERMS.
- THE DESIGN PROFESSIONAL DISCLAIMS ANY ROLE IN THE CONSTRUCTION MEANS/METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS. CONSTRUCTION MEANS/METHODS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH CURRENT APPLICABLE BUILDING CODES, ORDINANCES, AND LOCAL REGULATIONS THROUGHOUT CONSTRUCTION OF THE PROJECT.
- CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CURRENT APPLICABLE LOCAL, STATE, AND FEDERAL AGENCIES' REGULATIONS, STANDARDS, AND SPECIFICATIONS.
- CONSTRUCTION SHALL CONFORM TO OR EXCEED CURRENT REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT AND OTHER CURRENT APPLICABLE STANDARDS AND GOVERNING AUTHORITIES. FIELD CONDITIONS THAT MAY RESULT IN NONCOMPLIANCE WITH ADA REGULATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE TO DETERMINE RESOLUTION PRIOR TO PROCEEDING WITH WORK.
- CONTRACTOR IS REQUIRED TO MEET CURRENT APPLICABLE FEDERAL, OSHA, STATE, AND LOCAL REGULATIONS CONCERNING PROJECT SAFETY AND ASSUMES RESPONSIBILITY FOR SAFETY ON THE PROJECT.
- CONTRACTOR SHALL NOT DO WORK BEYOND THE LIMIT OF DISTURBANCE AS DEFINED ON THE DRAWINGS AND AUTHORIZED BY THE RESPECTIVE AUTHORITIES. IN SOME DRAWINGS, THE LIMIT OF DISTURBANCE IS GRAPHICALLY SHOWN TO CLEARLY DESCRIBE WORK TO BE PERFORMED. CONTRACTOR SHALL UTILIZE ONLY THAT SPACE WHICH IS REQUIRED TO PERFORM THE WORK AS PERMITTED/APPROVED. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR UNAUTHORIZED WORK BEYOND THE LIMIT OF DISTURBANCE AND SHALL BE RESPONSIBLE FOR CORRECTING DISTURBED AREAS BEYOND THAT LIMIT AT NO ADDITIONAL COST TO THE OWNER. CORRECTIVE WORK SHALL BE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL PROTECT THE PUBLIC FROM CONSTRUCTION AREAS AND ASSOCIATED ACTIVITY DURING LAND DISTURBING ACTIVITY, DEMOLITION, AND CONSTRUCTION.
- CONTRACTOR TO PROVIDE REQUIRED CLEANING AND CONTROL MEASURES TO ENSURE STREETS AND SIDEWALKS ARE KEPT CLEAN FROM DIRT AND DEBRIS TO THE STANDARD ESTABLISHED BY PERMITTING AUTHORITIES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE OWNER HAS IDENTIFIED EXISTING WETLANDS, STREAMS, AND OTHER WATER BODIES, ESTABLISHED JURISDICTION, AND PERMITTED CONSTRUCTION IMPACTS PRIOR TO CONTRACTOR STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION.
- CONTRACTOR SHALL TIE FIELD SURVEY POINTS TO THE SAME CONTROL POINTS AS THE EXISTING CONDITIONS SURVEY.
- CONTRACTOR SHALL VISIT THE PROJECT SITE AND BRING UNUSUAL CONDITIONS AND DISCREPANCIES THAT MAY IMPACT CONSTRUCTION COSTS TO THE OWNER'S ATTENTION PRIOR TO SUBMITTING BID PRICING.
- CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION. UNUSUAL CONDITIONS AND DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- CONTRACTOR SHALL NOTIFY ["NC811" (811) OR (1-800-632-4949)] AT LEAST [3] FULL BUSINESS DAYS PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATING SERVICES INDEPENDENT OF ["NC811"]. REPORT DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY. CONTRACTOR SHALL NOT COMMENCE WORK UNTIL UTILITY LINES HAVE BEEN MARKED. UTILITY MARKINGS ARE VALID FOR NO MORE THAN 14 DAYS.
- SHOULD UNCHARTED OR INCORRECTLY CHARTED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION, CONSULT THE OWNER'S REPRESENTATIVE IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY PROVIDER FOR REQUIRED DISCONNECTION, REMOVAL, AND/OR RELOCATION OF EXISTING POWER POLES, POWER LINES, TELEPHONE PEDESTALS, WATER METERS, GAS LINES, ETC. AS SHOWN ON THE DEMOLITION PLAN.
- CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO ADJOINING PROPERTIES AND OTHER EXISTING FACILITIES THAT ARE SCHEDULED TO STAY OPEN SHALL REMAIN OPERATIONAL DURING LAND DISTURBING ACTIVITY, DEMOLITION, AND CONSTRUCTION.
- CONTRACTOR SHALL CONTACT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY.
- CONTRACTOR SHALL COORDINATE STAGING AREA WITH OWNER'S REPRESENTATIVE.
- EXISTING CONDITIONS SLATED TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR AND/OR THEIR SUB-CONTRACTORS, SHALL BE REPLACED/RESTORED BY THE CONTRACTOR TO THE ORIGINAL CONDITION OR TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- EXISTING TREES TO BE SAVED SHALL HAVE TREE PROTECTION FENCES INSTALLED AROUND THEM AS SHOWN IN THE DETAILED DRAWINGS AND IN THE ALIGNMENT AS SHOWN ON SHEET C1.01 PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION. WORK IN THOSE AREAS TO BE DONE BY HAND. TREE PROTECTION FENCES SHALL BE MAINTAINED AND KEPT IN PLACE AT ALL TIMES UNTIL WORK IS COMPLETED. SEE TREE PROTECTION NOTES FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL NOTE THAT THE DRAWINGS MAY NOT SHOW EVERY OFFSET, TRANSITION, FITTING, ETC. THAT MAY BE REQUIRED. CONTRACTOR SHALL INSTALL SUCH STANDARD APPURTENANCES AS REQUIRED TO CLOSELY FOLLOW THE GRADES AND ALIGNMENTS DEPICTED ON THE PLANS.
- DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IF DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH AFFECTED WORK. CONTRACTOR RECOMMENDED FIELD ADJUSTMENTS SHALL RECEIVE APPROVAL FROM OWNER'S REPRESENTATIVE WITHIN 5 BUSINESS DAYS PRIOR TO PROCEEDING WITH CONSTRUCTION, UNLESS OTHERWISE INDICATED IN WRITING, INCORPORATING THE REQUESTED FIELD ADJUSTMENT. NO EXTRA COMPENSATION SHALL BE PAID TO CONTRACTOR FOR WORK DONE TO RESOLVE DISCREPANCIES IF SUCH NOTIFICATION AND APPROVAL HAS NOT BEEN GIVEN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PROPER DRAINAGE OF AREAS WHICH ARE FIELD ADJUSTED DURING CONSTRUCTION.
- EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED THAT WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING OR INSTALLATION. DIFFERENCE IN COST TO THE OWNER TO BE APPROVED THROUGH AN ESTABLISHED CHANGE ORDER PROCEDURE PRIOR TO ORDERING OR INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF CONDUITS AND SLEEVING FOR PROPOSED UTILITIES TO BE INSTALLED.
- CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF UTILITIES PRIOR TO CONCEALMENT AND FIELD ADJUSTMENTS MADE DURING CONSTRUCTION THAT WERE APPROVED BY THE DESIGN PROFESSIONAL OF RECORD AND AUTHORITIES HAVING JURISDICTION. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE DESIGN PROFESSIONAL.
- PLANTS, MATERIAL, AND WORKMANSHIP ARE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE, IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

DEMOLITION NOTES

- CONTRACTOR SHALL PERFORM DEMOLITION ACTIVITIES AS NOTED AND SHOWN ON THE DEMOLITION PLAN AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH CURRENT APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.
- 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 IS RESPONSIBLE FOR APPROPRIATE SEQUENCING OF UTILITY DEMOLITION WITH THE RESPECTIVE UTILITY AGENCIES AND SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND APPROPRIATE UTILITY COMPANIES PRIOR TO WORK.
- INSTALL EROSION AND SEDIMENT CONTROL DEVICES AND TREE PROTECTION FENCE PRIOR TO STARTING DEMOLITION WORK. SEE EROSION CONTROL NOTES AND PLANS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL TAKE MEASURES TO AVOID CONFLICTS WITH EXISTING UTILITIES TO REMAIN. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES TO REMAIN IN PLACE.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER'S REPRESENTATIVE AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- CONTRACTOR SHALL CARRY COSTS FOR NECESSARY REMOVAL AND RELOCATIONS OF UTILITY APPURTENANCES AS DETERMINED NECESSARY THROUGH THEIR COORDINATION WITH UTILITY PROVIDERS. UTILITY APPURTENANCES TO BE REMOVED MAY INCLUDE BUT ARE NOT LIMITED TO HYDRANTS, FIRE DEPARTMENT CONNECTIONS, VALVES/VALVE BOXES, STORM DRAIN AND/OR SANITARY SEWER CLEANOUTS, AND STORM DRAIN INLETS. ALL UTILITIES AND ASSOCIATED APPURTENANCES SCHEDULED TO BE SALVAGED SHALL BE RETURNED TO THE APPROPRIATE UTILITY AGENCY. ANY CREDIT/REIMBURSEMENT ASSOCIATED WITH RETURNING SAID APPURTENANCES SHALL BE REMITTED TO THE OWNER.
- WATER OR SEWER ABANDONMENT OR RELOCATION SHALL BE REQUIRED AT THE MAIN LINE.
- CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF TREES MARKED TO BE REMOVED. TREES MAY BE EITHER INDIVIDUALLY MARKED OR WITHIN A DESIGNATED REMOVAL AREA. DEMOLITION OF TREES INCLUDES REMOVAL AND DISPOSAL OF ENTIRE TREE INCLUDING STUMP.
- TREES, SHRUBS, AND BRUSH REMOVED DURING CLEARING & GRUBBING ACTIVITIES SHALL BE CHIPPED ON SITE AND HAULED OFF SITE FOR DISPOSAL.
- MATERIALS, FURNISHINGS, UTILITIES AND PAVEMENT THAT ARE NOT SCHEDULED TO BE DEMOLISHED AND ARE DAMAGED BY THE CONTRACTOR AS A RESULT OF THE DEMOLITION OR CONSTRUCTION OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING CONCRETE SURFACES TO BE REMOVED OR DEMOLISHED SHALL BE SAWCUT AT NEAREST JOINTS, PROVIDING A CLEAN EDGE WHEN RESTORED. SAWCUT EXISTING PAVEMENT AT THE RIGHT OF WAY UNLESS OTHERWISE SHOWN.
- CONTRACTOR IS TO ASSUME NO HAZARDOUS MATERIALS EXIST. SHOULD SUSPECTED OR KNOWN HAZARDOUS MATERIALS BE ENCOUNTERED, STOP WORK IMMEDIATELY AND NOTIFY OWNER'S REPRESENTATIVE.
- SHOULD HAZARDOUS MATERIAL BE FOUND AND REMOVED, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING HAZARDOUS MATERIALS REPORT AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR, AND DISPOSED OF IN A LAWFUL MANNER.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING EXISTING LANDSCAPE WITHIN AREA OF DISTURBANCE UNLESS SPECIFICALLY NOTED TO REMAIN.
- CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF LANDSCAPE DEMOLITION MATERIAL FROM THE SITE. LANDSCAPE DEMOLITION MATERIAL UNDER 18" DIAMETER TO BE TAKEN TO COMMUNITY NATURAL WASTE RECYCLING CENTER.
- ALTERNATE METHODS OF DISPOSAL OF NATURAL MATERIAL SHALL BE ALLOWED UPON APPROVAL BY OWNER'S REPRESENTATIVE AND OBTAINING OF ALL REQUIRED PERMITS.
- STOCKPILE LOCATIONS OF ALL MATERIALS SLATED TO BE REUSED OR REPURPOSED SHALL BE IDENTIFIED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO STARTING LAND DISTURBING ACTIVITY, DEMOLITION, OR CONSTRUCTION.

TREE PROTECTION NOTES

- TREE PROTECTION TO BE INSTALLED PER THE CURRENT APPLICABLE CARTERET COUNTY DETAIL FOR THE EXISTING TREES IDENTIFIED TO REMAIN. SEE C6.10 SHEET FOR THE TREE PROTECTION DETAIL. TREE PROTECTION TO BE VERIFIED BY MUNICIPAL STAFF PRIOR TO STARTING ANY CONSTRUCTION ACTIVITY.
- BEFORE BEGINNING WORK, THE PROJECT MANAGER, LANDSCAPE ARCHITECT AND/OR OWNER OR THEIR AGENTS ARE REQUIRED TO MEET AT THE SITE TO REVIEW ALL WORK PROCEDURES, ACCESS ROUTES, STORAGE AREAS, AND TREE PROTECTION MEASURES. ANY INTENDED CONSTRUCTION ACTIVITIES INSIDE THE TREE PROTECTION ZONE SHALL BE CLEARLY OUTLINED.
- THE LIMITS OF ALL TREE PROTECTION ZONES SHALL BE STAKED IN THE FIELD AND OBSERVED BY ALL CONTRACTORS.
- FENCES SHALL BE ERRECTED TO PROTECT TREES TO BE PRESERVED PRIOR TO CONSTRUCTION EQUIPMENT ARRIVING ON THE PROJECT SITE. FENCES WILL DEFINE THE SPECIFIC PROTECTION ZONE FOR EACH TREE OR GROUP OF TREES.
- CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE, ANY TIME ADJUSTMENT IS NEEDED OR IF ACCESS WITHIN THE FENCE IS REQUIRED, AND BEFORE TREE PROTECTION FENCE REMOVAL. ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ACCOMPLISHED WITH HAND OPERATED EQUIPMENT. NO MATERIALS, EQUIPMENT, SPOIL, WASTE OR WASHOUT WATER IS ALLOWED WITHIN THE TREE PROTECTION ZONE.
- CONSTRUCTION TRAILERS, TRAFFIC AND STORAGE AREAS MUST REMAIN OUTSIDE FENCED TREE PROTECTION AREAS AT ALL TIMES.
- ONLY THE LANDSCAPE CONTRACTOR SHALL BE PERMITTED INSIDE THE PRIMARY TREE PROTECTION FENCE TO PERFORM ROUTINE MAINTENANCE, COMPOST TOPDRESSING, AND FINAL PLANTING.
- NO UTILITY WORK OR GRADING ADJUSTMENT SHALL BE EXECUTED WITHIN THE TREE PROTECTION FENCE ZONE.

FINE GRADING NOTES

- REFER TO CIVIL PLANS FOR MASS GRADING AND DRAINAGE INFORMATION.
- AT CRITICAL LOCATIONS WHERE PROPOSED ELEMENTS TIE INTO EXISTING CONDITIONS, CONTRACTOR SHALL FIELD VERIFY THAT THE FIELD SURVEY MATCHES THE DESIGN SURVEY, REPORTING DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY. TIE-IN LOCATIONS TO FIELD VERIFY ARE INDICATED ON THE PLANS AND MAY INCLUDE BUT ARE NOT LIMITED TO UTILITY CONNECTIONS, PAVEMENT, WALLS, OR FOUNDATIONS.
- CONTRACTOR SHALL REPORT ANY GRADE DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION OPERATIONS.
- ALL EXISTING DRAINAGE EASEMENTS SHALL REMAIN CLEAR FROM ANY CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATIONS. ANY DEVIATION FROM THE GRADING PLAN THAT WAS NOT APPROVED BY OWNER'S REPRESENTATIVE THROUGH RFIS OR FIELD CHANGES, ISSUED THROUGH BULLETIN DRAWINGS, OR THROUGH OWNER REQUESTED CHANGES, THAT CAUSES WATER TO DRAIN TOWARDS THE BUILDING SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN COST.
- CONTRACTOR SHALL PROVIDE POSITIVE STORMWATER FLOW TO KEEP WATER FROM POOLING ALONG CURBS AND NON-PERVIOUS PAVED AREAS. ANY DEVIATION FROM THE GRADING PLAN THAT WAS NOT APPROVED BY OWNER'S REPRESENTATIVE THROUGH RFIS OR FIELD CHANGES, ISSUED THROUGH BULLETIN DRAWINGS, OR THROUGH OWNER REQUESTED CHANGES, THAT CAUSES WATER TO POOL SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF EXISTING MANHOLES, METERS, VALVES, ETC. AS REQUIRED TO MEET NEW FINISHED GRADES.
- FINE GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. SEE LANDSCAPE NOTES FOR ADDITIONAL INFORMATION.
- GRADING TOLERANCES SHALL BE WITHIN THE FOLLOWING:
 - ROUGH GRADE: +/- 0.33' (4")
 - FINE GRADE: +/- 0.083' (1")
 - FINISH GRADE: +/- 0.010' (1/8")
 - ELEVATION: 1/4 INCH
 - RUNNING SLOPE: PLUS 0.5%, NO MINUS; BUT IN NO CASE SHALL SLOPE EXCEED THE CODE MAXIMUM
 - CROSS SLOPE: PLUS 0.5%, NO MINUS; BUT IN NO CASE SHALL SLOPE EXCEED THE CODE MAXIMUM
- ALL GRADIENT ON SIDEWALKS ALONG THE ADA ROUTE SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% (1:20) AND A MAXIMUM CROSS SLOPE OF 2% (1:48). RAMP CONDITIONS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 8.33% (1:12) AND A MAXIMUM CROSS SLOPE OF 2% (1:48). ON CURVED SIDEWALKS AND RAMPS, MAXIMUM LONGITUDINAL SLOPE SHALL BE MEASURED USING THE INSIDE/MOST STRINGENT PART OF THE CURVE AND MAXIMUM LONGITUDINAL RUNS ON RAMPS SHALL BE MEASURED USING THE OUTSIDE PART OF THE CURVE. MAXIMUM SLOPE IN ANY DIRECTION ON AN ADA PARKING STALL OR ACCESS AISLE SHALL BE 2% (1:48). CONTRACTOR SHALL REVIEW AND VERIFY THE GRADIENT IN THE FIELD ALONG THE ADA ROUTES PRIOR TO PLACING CONCRETE OR BITUMINOUS PAVEMENT. CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL IMMEDIATELY IF THERE IS A DISCREPANCY BETWEEN THE GRADIENT IN THE FIELD VERSUS THE DESIGN GRADIENT. COORDINATE ALL WORK WITH PAVING CONTRACTOR.
- IF UNAUTHORIZED FIELD ADJUSTMENTS ARE MADE BY THE CONTRACTOR RESULTING IN A RAMP CONDITION (>5% (1:20) LONGITUDINAL SLOPE ALONG A WALKWAY) WHERE A RAMP WAS NOT ORIGINALLY PROPOSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELEMENTS REQUIRED BY CODE FOR ACCESSIBLE RAMPS AT NO ADDITIONAL COST TO THE OWNER. THIS INCLUDES, BUT MAY NOT BE LIMITED TO, LANDINGS, HANDRAILS, CURBS, AND BARRIERS. THE MAXIMUM LENGTH OF A RAMP SHALL BE 30 FT. AND RAMPS SHALL NOT EXCEED 8.3% (1:12) LONGITUDINAL SLOPE OR 2% (1:50) CROSS SLOPE. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF EACH RAMP RUN. LANDINGS SHALL BE A MINIMUM LENGTH OF 5 FT., EQUAL TO THE WIDTH OF THE RAMP, AND SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION. THE CHANGE IN ELEVATION BETWEEN LANDINGS SHALL NOT EXCEED 2'-6".
- PROVIDE A MINIMUM OF 0.5% CROSS SLOPE AND 1.75% MAXIMUM CROSS SLOPE ON WALKWAYS, LANDINGS, AND TRAILS IN A MANNER THAT ENSURES POSITIVE DRAINAGE AND AVOIDS POOLING ON, OR ADJACENT TO, THESE SURFACES.
- APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, WRITTEN PERMISSION AND TEMPORARY CONSTRUCTION EASEMENT MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
- FOR SEGMENTAL BLOCK WALLS (BY OTHERS), TOP OF WALL ELEVATIONS INDICATE THE ELEVATION AT THE TOP OF THE BLOCK AND DO NOT INCLUDE THE CAP, UNLESS OTHERWISE NOTED.
- FOR WALLS THAT ARE DETAILED AS PART OF THIS CONSTRUCTION DRAWING SET, THE TOP OF WALL ELEVATIONS INDICATE THE ELEVATION AT THE TOP OF THE WALL, INCLUSIVE OF ANY CAPS.
- BOTTOM OF WALL ELEVATIONS INDICATE THE ELEVATION OF THE FINISHED GRADE.

LAYOUT NOTES

- CONTRACTOR SHALL STAKE WALKS, HARDSCAPE, AND OTHER PAVED AREAS AND OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE RESOLVED PRIOR TO CONSTRUCTION. WORK PERFORMED WITHOUT APPROVAL IS AT RISK FOR REPLACEMENT BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- INES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE SHOWN.
- DIMENSIONS SHOWN ARE TAKEN TO THE FACE OF ELEMENTS UNLESS OTHERWISE NOTED.
- WRITTEN DIMENSIONAL AND COORDINATE INFORMATION SHALL PREVAIL. DO NOT SCALE DRAWINGS.
- CONTRACTOR SHALL VERIFY DIMENSIONS SHOWN ON THE DRAWINGS AND NOTIFY OWNER'S REPRESENTATIVE OF DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.
- DIMENSIONS AND COORDINATES ARE PROVIDED IN DECIMAL FEET UNLESS OTHERWISE NOTED.
- ANGLES TO BE 90 DEGREES UNLESS OTHERWISE NOTED.
- ALIGN ALL JOINTS, CORNERS, AND EDGES AS SHOWN.
- FINAL LAYOUTS TO BE APPROVED BY LANDSCAPE ARCHITECT.



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**NC COASTAL FEDERATION CENTER
 FOR COASTAL PROTECTION
 AND RESTORATION
 DRIVEWAY DESIGN
 4411 HIGHWAY 24
 CARTERET COUNTY, NORTH CAROLINA, 28570**



REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. NCF23002
 FILENAME NCF23002-CS1
 CHECKED BY EMD
 DRAWN BY MJC
 SCALE N/A
 DATE 08.13.2025

SHEET

GENERAL NOTES

C0.00



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3609 N.C. 24 (OCEAN)
NEWPORT, NC 28570
AMANDA LYLE
PHONE: 252.393.8185



NC COASTAL FEDERATION CENTER
FOR COASTAL PROTECTION
AND RESTORATION
DRIVEWAY DESIGN
4411 HIGHWAY 24
CARTERET COUNTY, NORTH CAROLINA, 28570



REVISIONS

NO.	DATE	REVISION
1	08.13.2025	NC DOT COMMENT REVISION

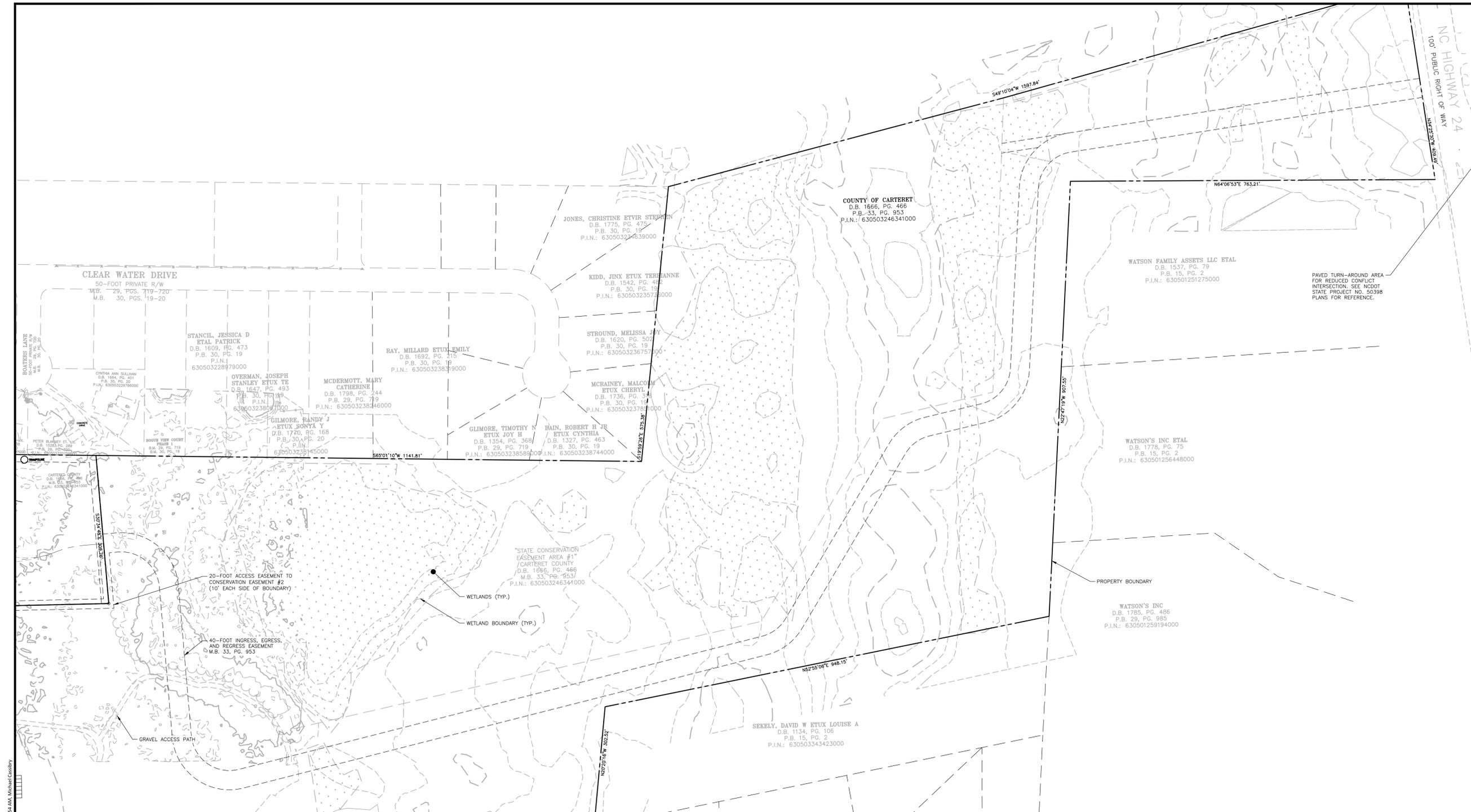
PLAN INFORMATION

PROJECT NO. NCF23002
FILENAME NCF23002-XC1
CHECKED BY EMD
DRAWN BY MJC
SCALE 1"=100'
DATE 08.13.2025

SHEET

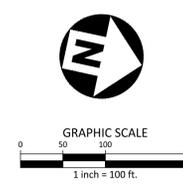
EXISTING CONDITIONS
PLAN

C1.00



EXISTING CONDITIONS LEGEND

● EXISTING IRON PIPE	○ IRON PIPE SET	▲ CALCULATED POINT	○ BORE HOLE	⊕ SANITARY SEWER MANHOLE	⊕ SANITARY SEWER CLEANOUT	⊕ WATER VALVE	⊕ WATER METER	⊕ FIRE HYDRANT	⊕ TELEPHONE PEDESTAL	⊕ TELEPHONE MANHOLE	⊕ ELECTRIC BOX	☆ LIGHT POLE	⊕ POWER POLE	⊕ CURB INLET	⊕ STORM DRAINAGE MANHOLE	⊕ YARD INLET	⊕ AIR CONDITIONER	XXXX ADDRESS BOX	
○ ACCESSIBLE PARKING	⊕ IRRIGATION CONTROL VALVE	⊕ FLOOD LIGHT	⊕ MAIL BOX	⊕ MONITORING WELL	⊕ SIAMENSE CONNECTION	⊕ SIGN	⊕ WELL	⊕ WATER MANHOLE	⊕ LIGHT SINGLE	⊕ LIGHT DOUBLE	⊕ CABLE BOX	⊕ FIBER OPTIC VAULT	⊕ SPRINKLER HEAD	● BOLLARD	⊕ FIRE CONNECTION	⊕ FIBER OPTIC MARKER	⊕ GREASE PIT		
—SD— STORM DRAIN PIPE	—OU— OVERHEAD UTILITY LINES	—W— WATER LINE	—SS— SANITARY SEWER LINE	—T— TELEPHONE LINE	—G— GAS LINE	—UE— UNDERGROUND ELECTRIC	—UT— UNDERGROUND TELEPHONE	—X— FENCE LINE	— — — — — NORMAL HIGH WATER - NHW	— — — — — OUTSTANDING RESOURCE WATER AREA - ORW AEC	— — — — — FEMA 100 YEAR FLOODPLAIN	⊕ WETLANDS							



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REVISIONS

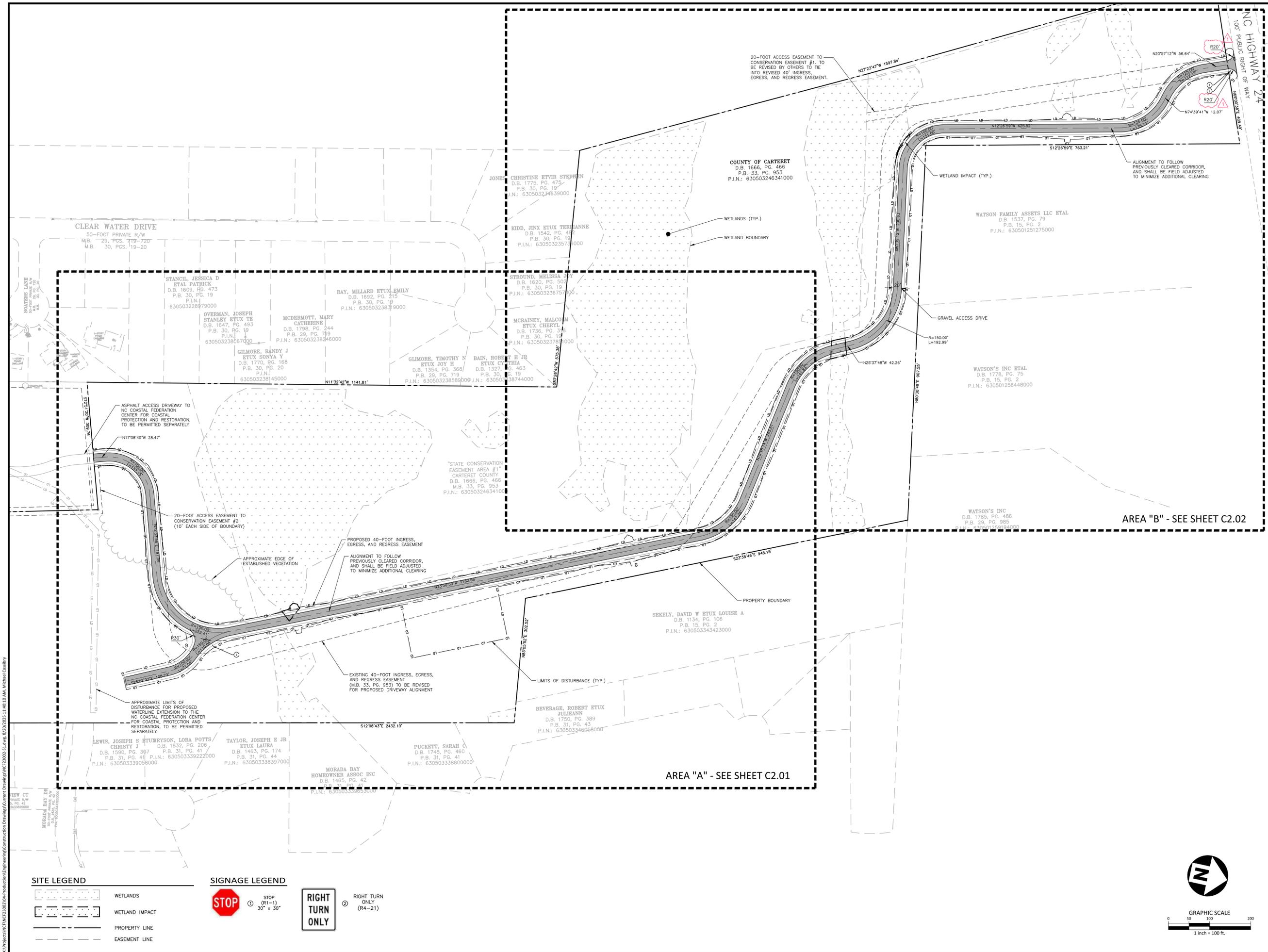
NO.	DATE	DESCRIPTION
1	08.13.2025	NC DOT COMMENT REVISION

PLAN INFORMATION

PROJECT NO.	NCF23002
FILENAME	NCF23002-51
CHECKED BY	EMD
DRAWN BY	MJC
SCALE	1"=100'
DATE	08.13.2025
SHEET	

OVERALL SITE PLAN

C2.00



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REVISIONS

NO.	DATE	REVISION
1	08.21.2025	NC DOT COMMENT REVISION

PLAN INFORMATION

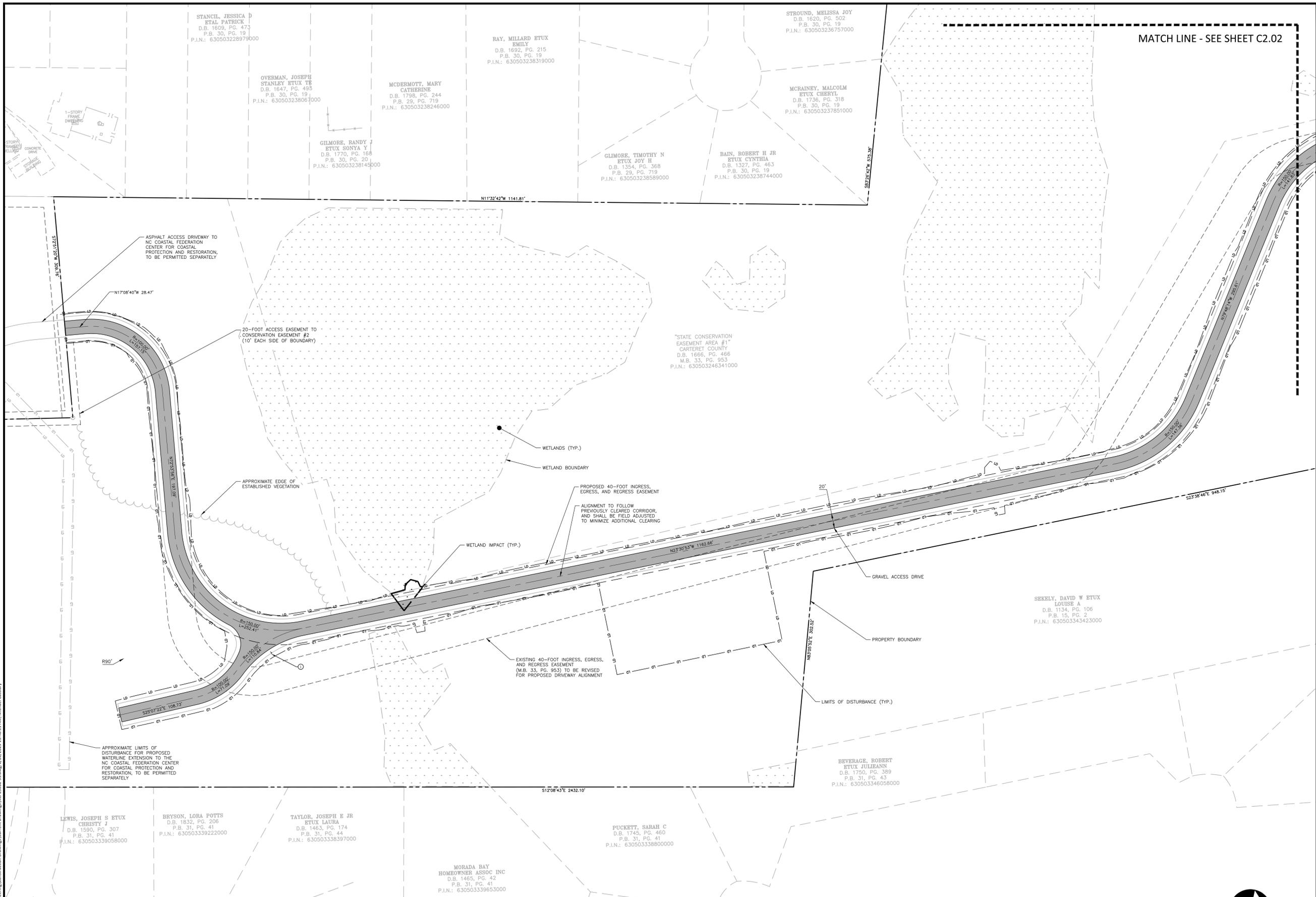
PROJECT NO.	NCF23002
FILENAME	NCF23002-S1
CHECKED BY	EMD
DRAWN BY	MJC
SCALE	1"=60'
DATE	08.13.2025

SHEET

**SITE PLAN
AREA "A"**

C2.01

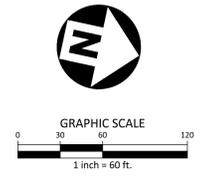
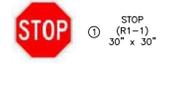
MATCH LINE - SEE SHEET C2.02



SITE LEGEND



SIGNAGE LEGEND



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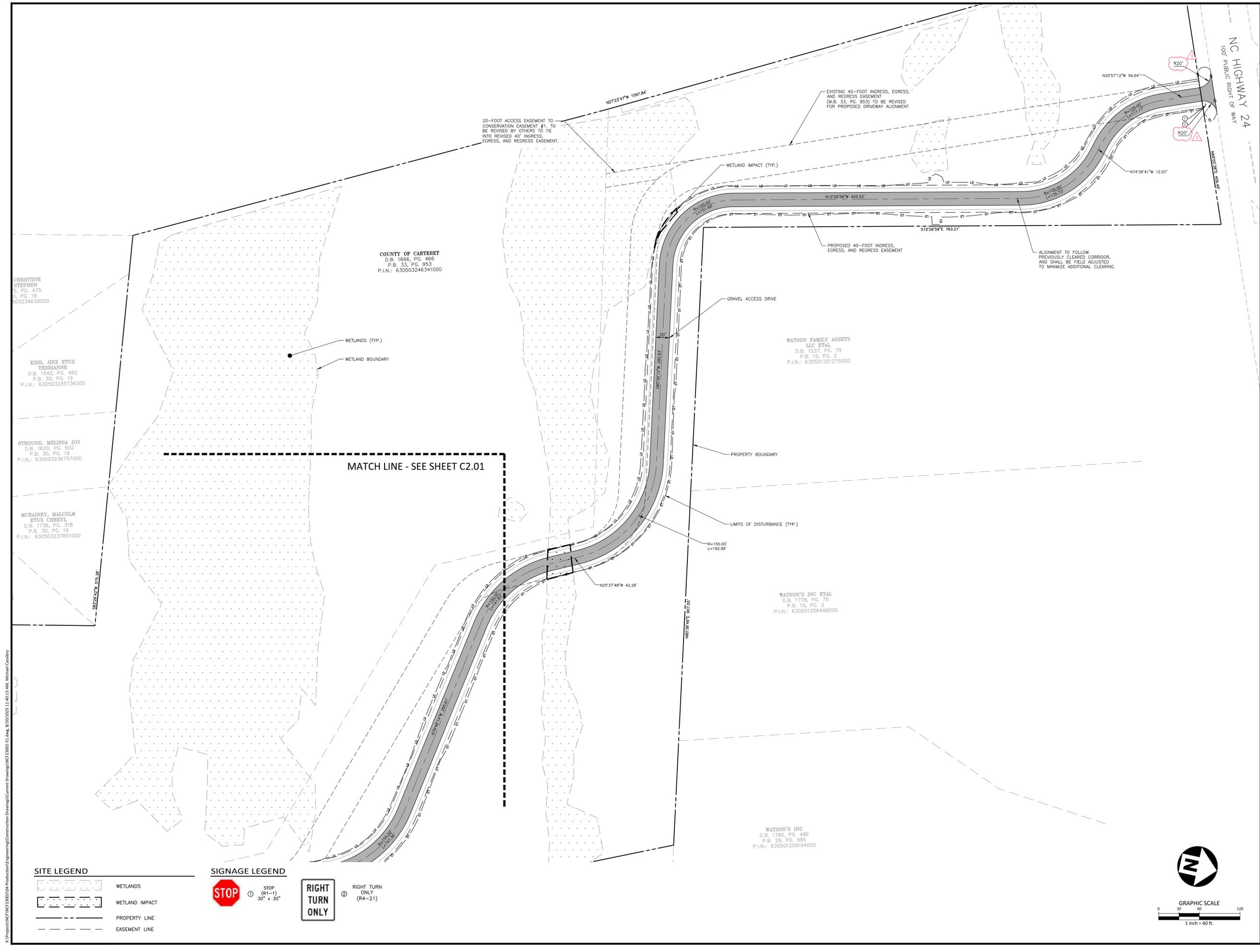
PLAN INFORMATION

PROJECT NO.	NCF23002
FILENAME	NCF23002-S1
CHECKED BY	EMD
DRAWN BY	MJC
SCALE	1"=60'
DATE	08.13.2025

SHEET

**SITE PLAN
AREA "B"**

C2.02

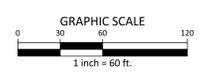


SITE LEGEND

- WETLANDS
- WETLAND IMPACT
- PROPERTY LINE
- EASEMENT LINE

SIGNAGE LEGEND

- STOP (R1-1) 30" x 30"
- RIGHT TURN ONLY (R4-21)



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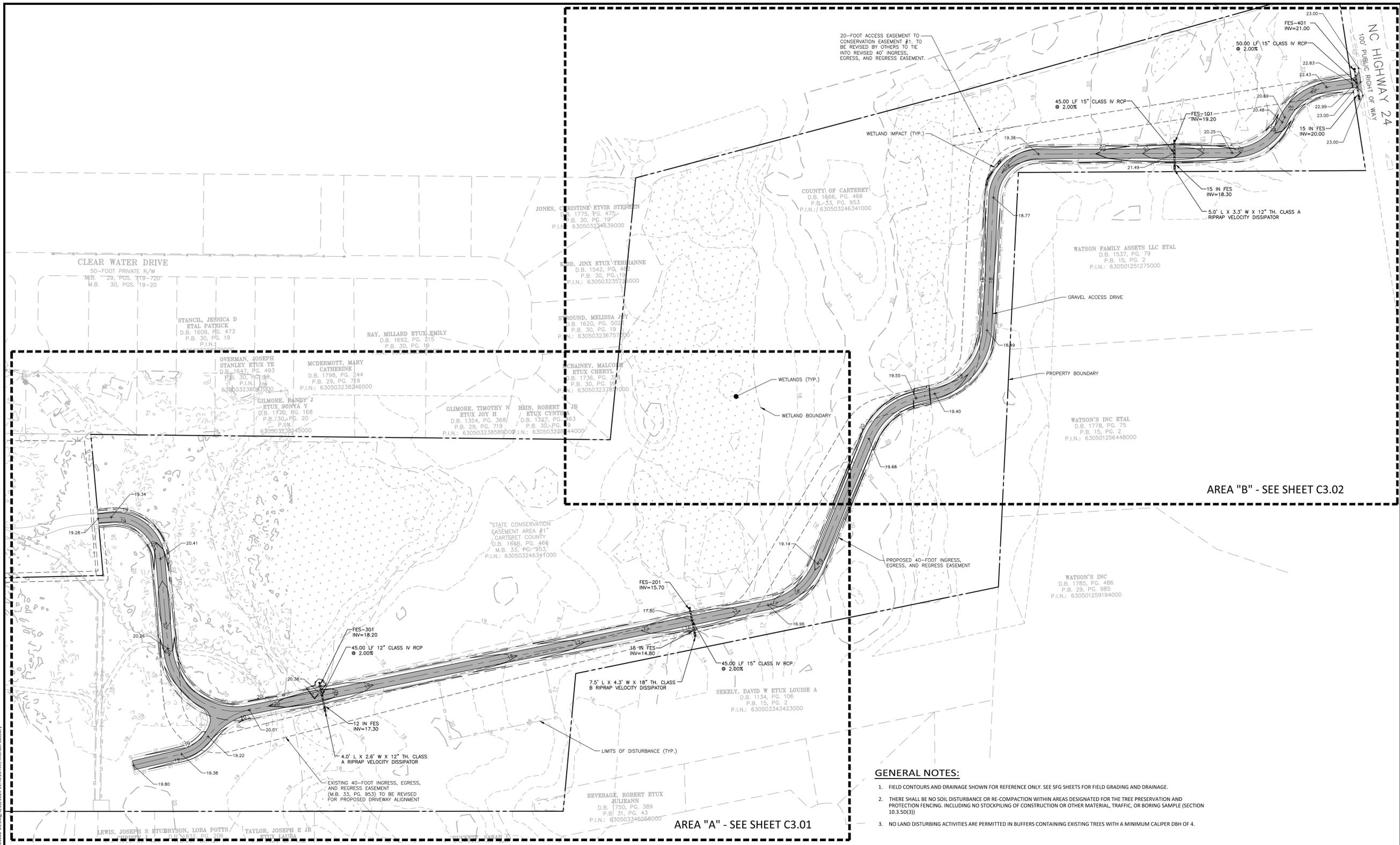
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FILENAME	NCF23002-G1
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SCALE	1"=100'
DATE	08.13.2025

SHEET

OVERALL GRADING AND STORM DRAINAGE PLAN

C3.00



GENERAL NOTES:

- FIELD CONTOURS AND DRAINAGE SHOWN FOR REFERENCE ONLY. SEE SFG SHEETS FOR FIELD GRADING AND DRAINAGE.
- THERE SHALL BE NO SOIL DISTURBANCE OR RE-COMPACTION WITHIN AREAS DESIGNATED FOR THE TREE PRESERVATION AND PROTECTION FENCING, INCLUDING NO STOCKPILING OF CONSTRUCTION OR OTHER MATERIAL, TRAFFIC, OR BORING SAMPLE SECTION 10.3.5(D)(3).
- NO LAND DISTURBING ACTIVITIES ARE PERMITTED IN BUFFERS CONTAINING EXISTING TREES WITH A MINIMUM CALIPER DBH OF 4.

STORM DRAINAGE NOTES:

- ALL STORM DRAINAGE PIPES SHOWN SHALL BE REINFORCED CONCRETE (RCP) (MINIMUM CLASS III) UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE WITH THE GEOTECH TO VERIFY TYPE OF BEDDING REQUIRED BASED ON SOIL CONDITIONS. CONTRACTOR TO SELECT REQUIRED CLASS OF PIPE BASED ON DEPTH OF PIPE AND BEDDING PROVIDED PER THE AMERICAN CONCRETE PIPE ASSOCIATION GUIDELINES.
- ALL STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CARTERET COUNTY STANDARDS.
- ALL CONCRETE SHALL MEET A MINIMUM 3000 PSI COMPRESSIVE STRENGTH.
- ALL PIPE JOINTS SHALL BE MADE WITH PREFORMED JOINT SEALER, WHICH CONFORMS TO AASHTO SPECIFICATION M-198 FOR TYPE B FLEXIBLE PLASTIC GASKETS UNLESS OTHERWISE NOTED.
- ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATION MATTER, WASTE CONSTRUCTION MATERIAL OR OTHER OBJECTIONABLE MATERIAL. SAID MATERIAL SHALL BE CAPABLE OF BEING COMPACTED BY MECHANICAL MEANS AND SHALL HAVE NO TENDENCY TO FLOW OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMPING BLOWS OR PROOF ROLLING.
- MATERIALS DEEMED BY THE OWNER'S REPRESENTATIVE AS UNSUITABLE FOR BACKFILL PURPOSES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
- BACKFILLING OF TRENCHES SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PIPE IS LAID. THE FILL AROUND THE PIPE SHALL BE THOROUGHLY COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST. THE TOP EIGHT (8) INCHES SHALL BE COMPACTED TO 100 PERCENT STANDARD PROCTOR.
- UNDER NO CIRCUMSTANCES SHALL WATER BE ALLOWED TO RISE IN UNBACKFILLED TRENCHES AFTER PIPE HAS BEEN PLACED.
- IF THE USE OF WAFFLE BOXES ARE ALLOWED AT THIS SITE, ALL PENETRATIONS FOR STORM DRAINAGE PIPES MUST BE MADE WITHIN THE KNOCK-OUT PORTION OF THE BOX AND NOT AT THE CORNERS WHERE THE STRUCTURAL INTEGRITY MAY BE COMPROMISED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL PIPE AND STRUCTURES FOR CRACKS OR BREAKS, PRIOR TO INSTALLATION. ANY DAMAGED ITEMS SHALL NOT BE INSTALLED.

GRADING LEGEND

	FLARED END SECTION		LIMITS OF DISTURBANCE
	ENDWALL SECTION		WOODED AREA
	CATCH BASIN		MAJOR CONTOUR
	DROP INLET		MINOR CONTOUR
	STORM SERVICE INLET		EXISTING MAJOR CONTOUR
	STORM SERVICE ROOF-RAIN		EXISTING MINOR CONTOUR
	JUNCTION BOX		EASEMENT LINE
	DRAINAGE FLOW ARROW		
	LINE BREAK SYMBOL		
	SPOT ELEVATION		
	STORM DRAINAGE		

GRADING NOTES

- ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION, FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH. EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER, PROVIDED BY CONTRACTOR RESPONSIBLE FOR EXCAVATION.
- CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- A PRE-CONSTRUCTION CONFERENCE WILL BE HELD PRIOR TO ANY LAND DISTURBING ACTIVITY. AS DEEMED NECESSARY, THE OWNER, ENGINEER, CONTRACTOR, AND REPRESENTATIVES FROM NCDOT WILL BE INVITED TO ATTEND THE MEETING. FOR NCDOT REPRESENTATIVES, CONTACT DIVISION OF LAND QUALITY AT (910) 796-7215 PRIOR TO START OF CONSTRUCTION.
- CONSTRUCTION, MAINTENANCE AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. TIMING OF REMOVAL SHALL BE COORDINATED WITH THE EROSION CONTROL INSPECTOR.
- EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- SOIL UNDER BUILDINGS, PAVED AREAS AND WITHIN SLOPES LESS THAN 4:1 (H:V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.



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REVISIONS

NO.	DATE	NC DOT COMMENT REVISION
1	08.21.2025	

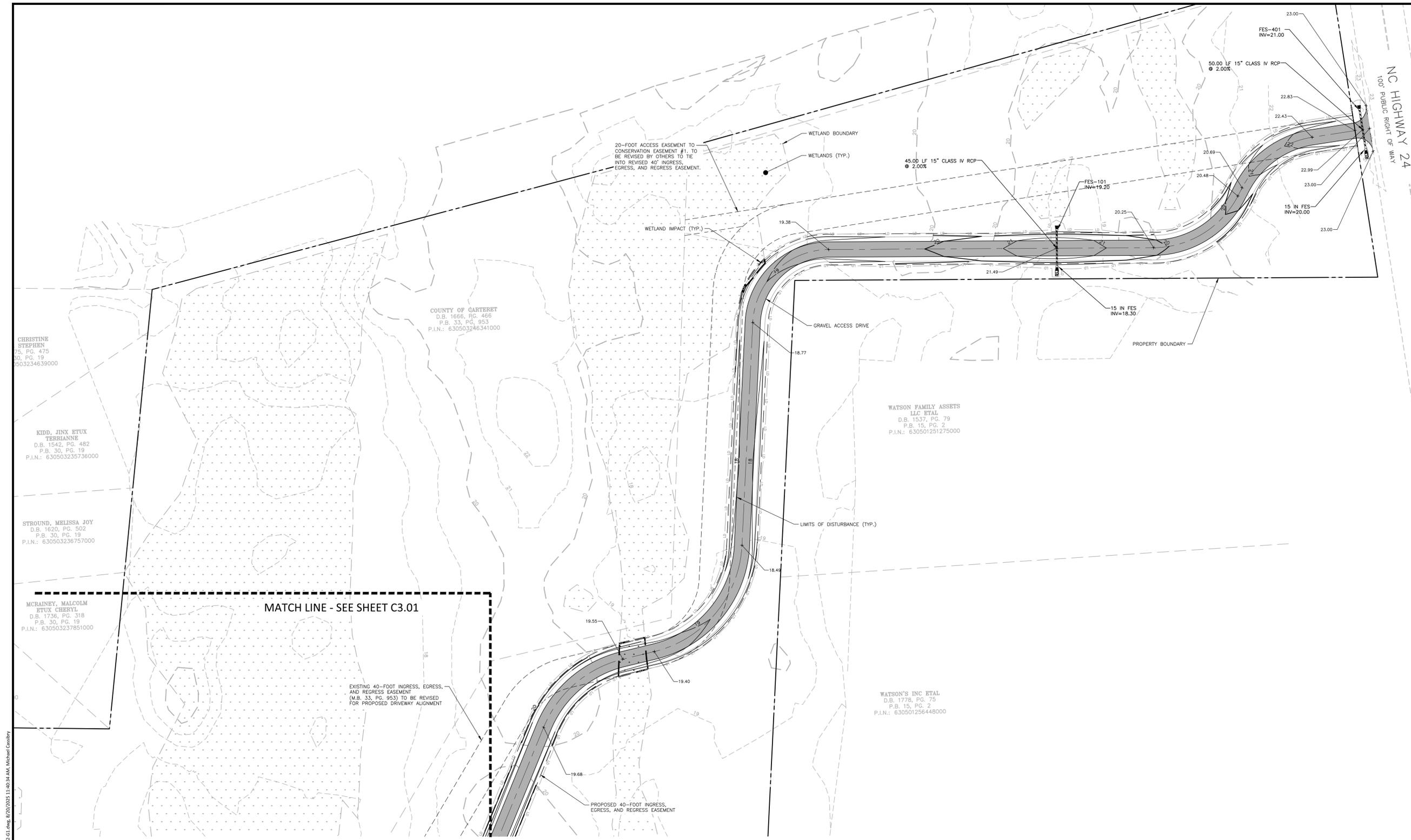
PLAN INFORMATION

PROJECT NO. NCF23002
FILENAME NCF23002-G1
CHECKED BY EMD
DRAWN BY MJC
SCALE 1"=60'
DATE 08.13.2025

SHEET

**GRADING AND STORM
DRAINAGE PLAN-AREA "B"**

C3.02



CHRISTINE STEPHEN
D.B. 1542, PG. 475
P.B. 30, PG. 19
P.I.N.: 630503234639000

KIDD, JINX ETUX
TERRIANNE
D.B. 1542, PG. 482
P.B. 30, PG. 19
P.I.N.: 630503235736000

STROUND, MELISSA JOY
D.B. 1620, PG. 502
P.B. 30, PG. 19
P.I.N.: 630503236757000

MCRANEY, MALCOLM
ETUX CHERYL
D.B. 1736, PG. 318
P.B. 30, PG. 19
P.I.N.: 630503237851000

COUNTY OF CARTERET
D.B. 1666, PG. 466
P.B. 33, PG. 953
P.I.N.: 630503246341000

WATSON FAMILY ASSETS
LLC ETAL
D.B. 1537, PG. 79
P.B. 15, PG. 2
P.I.N.: 630501251275000

WATSON'S INC ETAL
D.B. 1778, PG. 75
P.B. 15, PG. 2
P.I.N.: 630501256448000

MATCH LINE - SEE SHEET C3.01

EXISTING 40-FOOT INGRESS, EGRESS,
AND REGRESS EASEMENT
(M.B. 33, PG. 953) TO BE REVISED
FOR PROPOSED DRIVEWAY ALIGNMENT

PROPOSED 40-FOOT INGRESS,
EGRESS, AND REGRESS EASEMENT

GRADING LEGEND

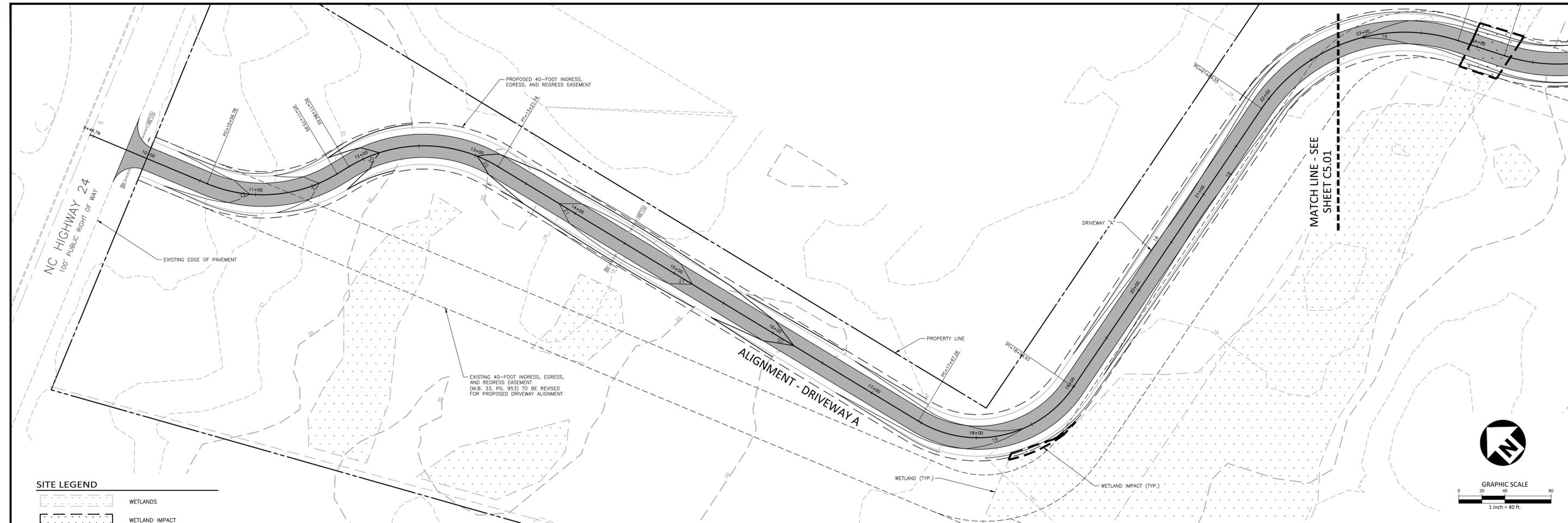
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	ENDWALL SECTION		WOODED AREA
	CATCH BASIN		250 MAJOR CONTOUR
	DROP INLET		252 MINOR CONTOUR
	STORM SERVICE INLET		250 EXISTING MAJOR CONTOUR
	STORM SERVICE ROOF-RAIN		252 EXISTING MINOR CONTOUR
	JUNCTION BOX		EASEMENT LINE
	DRAINAGE FLOW ARROW		
	LINE BREAK SYMBOL		
	SPOT ELEVATION		
	STORM DRAINAGE		

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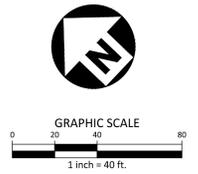


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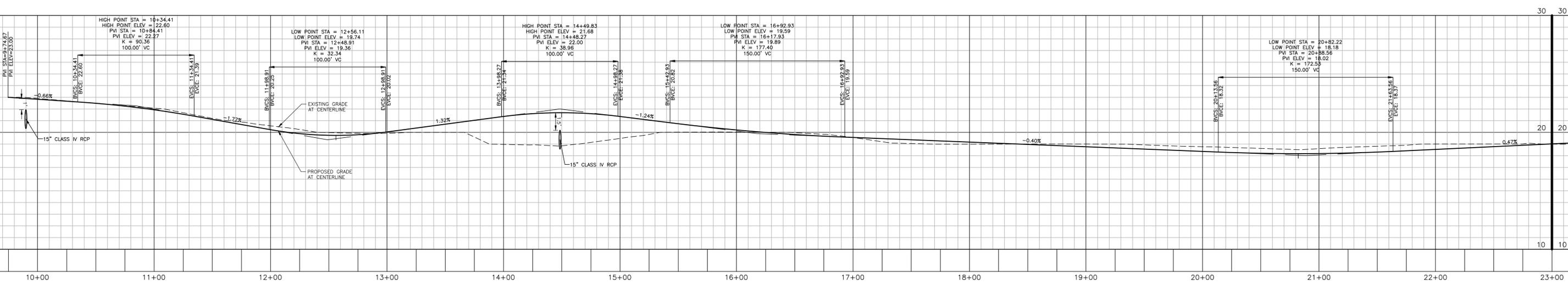


SITE LEGEND

	WETLANDS
	WETLAND IMPACT
	PROPERTY LINE
	EASEMENT LINE



DRIVEWAY "A", STA. 10+00 THRU STA. 23+00



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NO. DATE



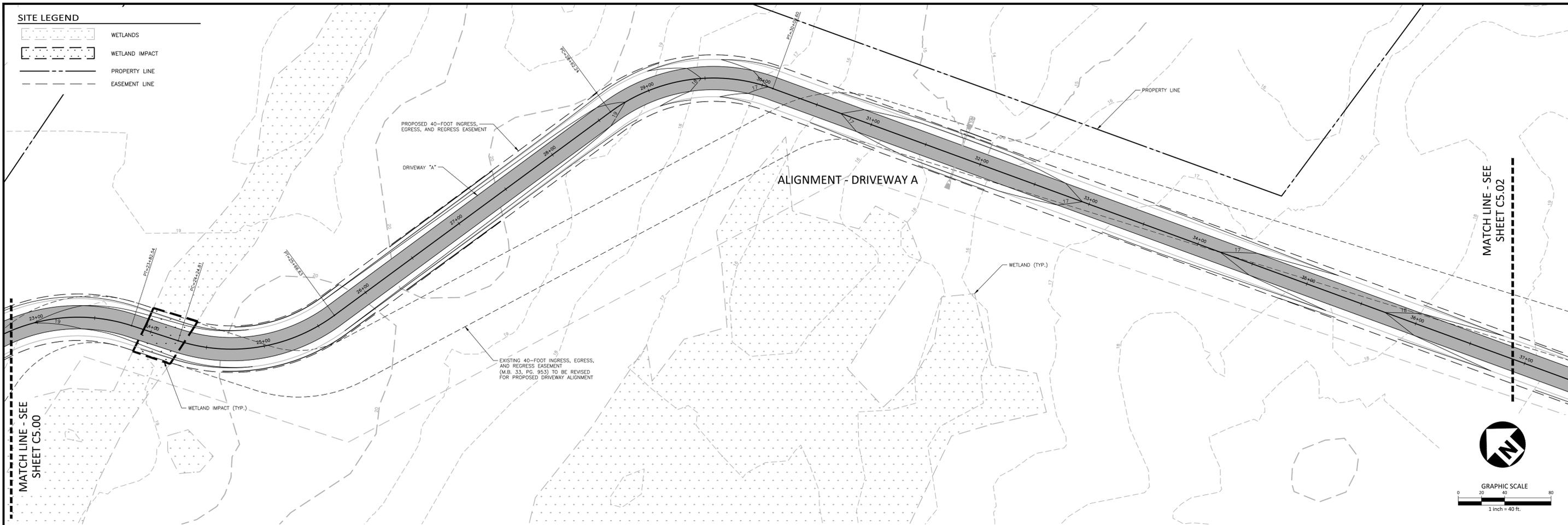
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PLAN INFORMATION
PROJECT NO. NCF23002
FILENAME NCF23002-P1
CHECKED BY EMD
DRAWN BY MJC
SCALE H:1"=40' / V:1"=4'
DATE 08. 13. 2025

PLAN AND PROFILE
DRIVEWAY "A", STA. 10+00 THRU STA. 23+00
C5.00

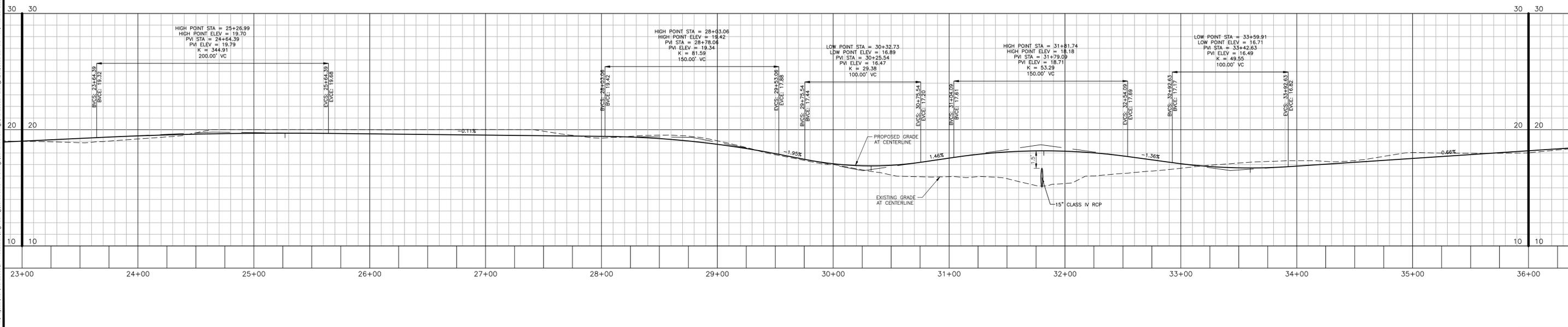
SITE LEGEND

- WETLANDS
- WETLAND IMPACT
- PROPERTY LINE
- EASEMENT LINE



DRIVEWAY "A", STA. 23+00 THRU STA. 36+00

ALIGNMENT - DRIVEWAY A



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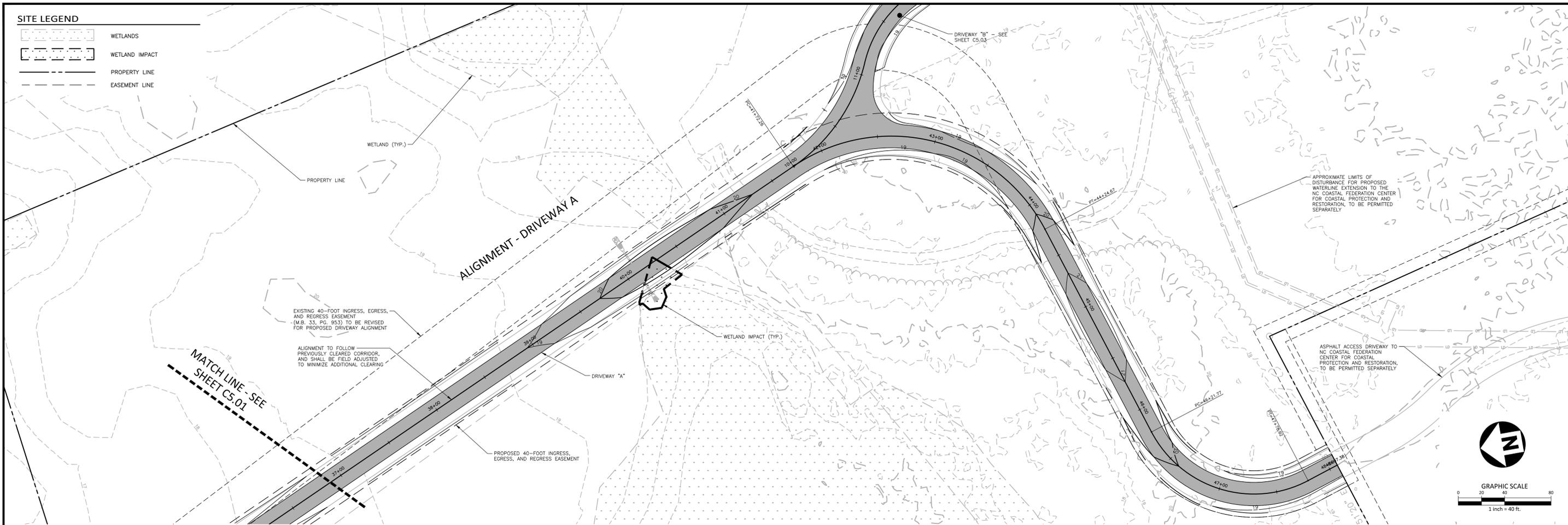
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DRIVEWAY "A", STA. 23+00 THRU STA. 36+00

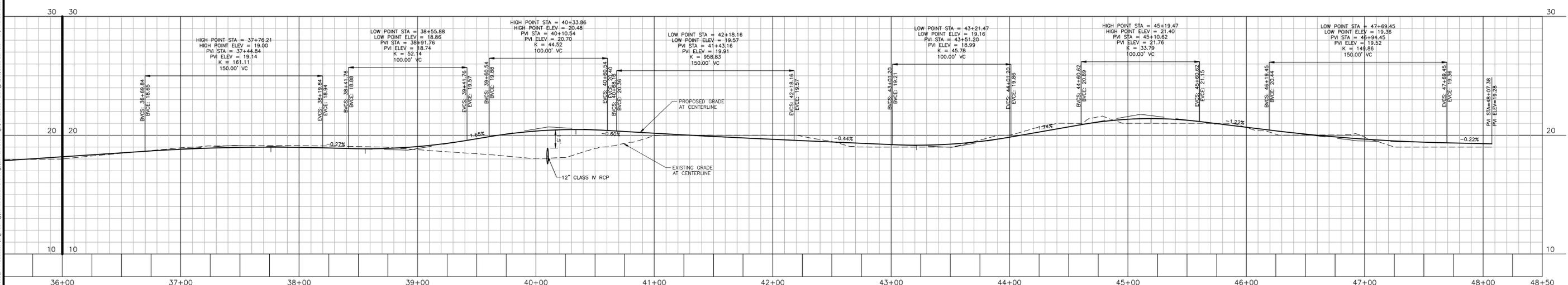
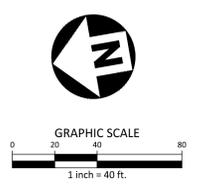
C5.01

SITE LEGEND

- WETLANDS
- WETLAND IMPACT
- PROPERTY LINE
- EASEMENT LINE



DRIVEWAY "A", STA. 36+00 THRU STA. 48+50



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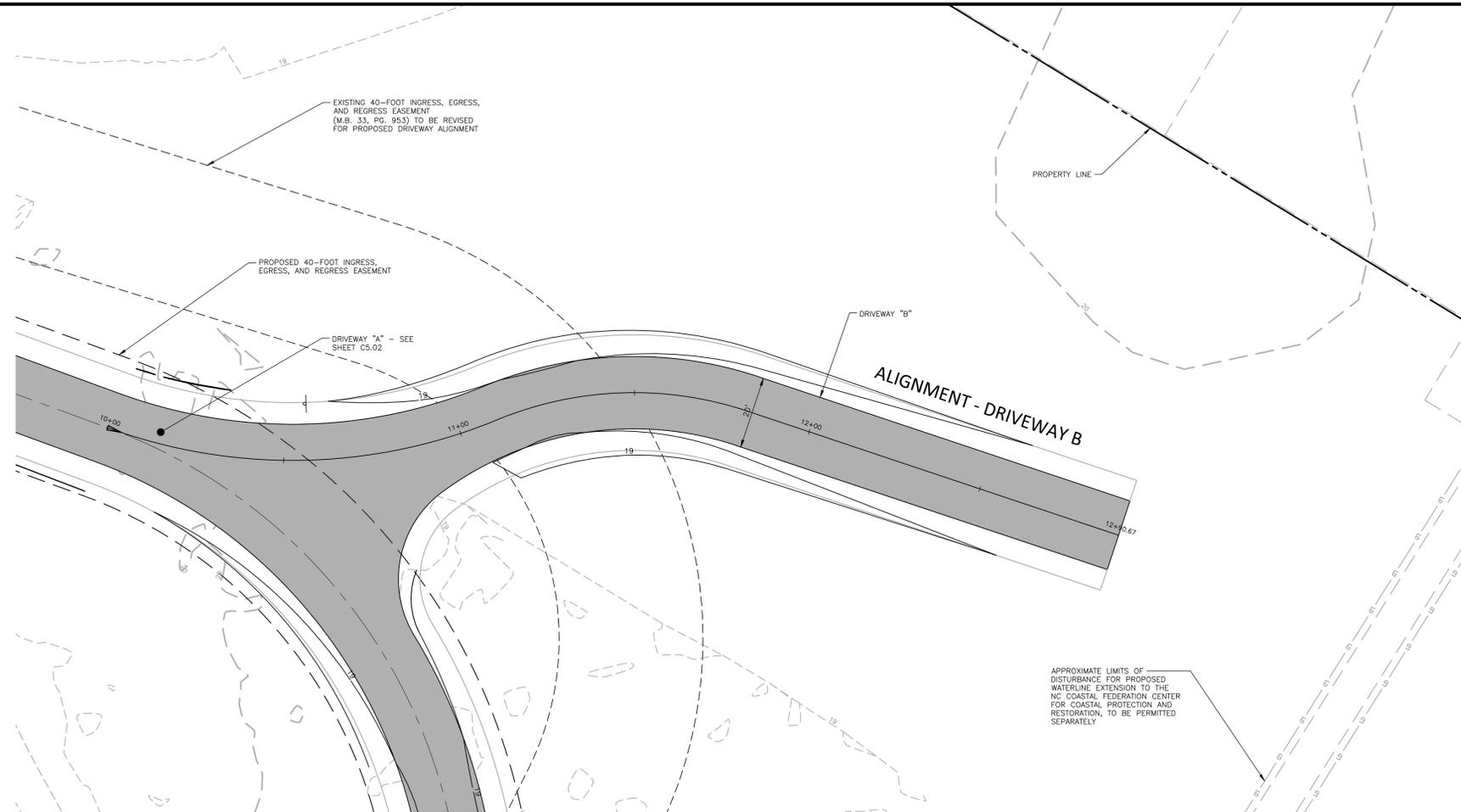


NC COASTAL FEDERATION CENTER FOR COASTAL PROTECTION AND RESTORATION
DRIVEWAY DESIGN
4411 HIGHWAY 24
CARTERET COUNTY, NORTH CAROLINA, 28570

PLAN INFORMATION
PROJECT NO. NCF23002
FILENAME NCF23002-P1
CHECKED BY EMD
DRAWN BY MJC
SCALE H:1"=40' / V:1"=4'
DATE 08.13.2025

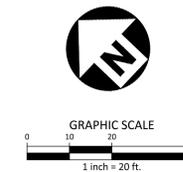
PLAN AND PROFILE
DRIVEWAY "A", STA. 36+00 THRU STA. 48+50

C5.02

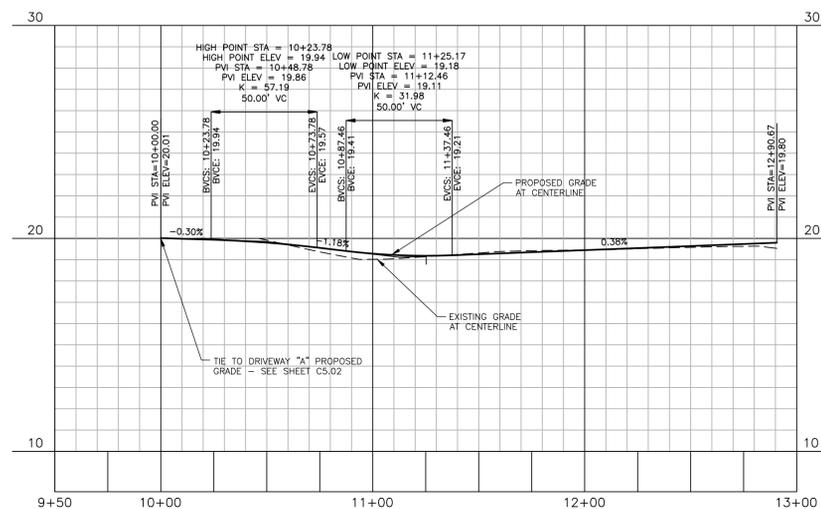


SITE LEGEND

	WETLANDS
	WETLAND IMPACT
	PROPERTY LINE
	EASEMENT LINE



DRIVEWAY "B"



X:\Project\NCF\NCF23002\04-Production\Engineering\Construction Drawings\Current Drawings\NCF23002-P1.dwg, 8/20/2025 11:41:00 AM, Michael Casibary



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514 MARKET STREET
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REVISIONS
NO. DATE



NC COASTAL FEDERATION CENTER FOR COASTAL PROTECTION AND RESTORATION
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4411 HIGHWAY 24
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DATE 08. 13. 2025

PLAN AND PROFILE DRIVEWAY "B"

C5.03

GENERAL NOTES:

1. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.
2. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, CONSTRUCTION FENCE OR TREE PROTECTION FENCING (IF APPLICABLE) SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
3. ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO ENSURE THAT NO CLEARING, GRADING, OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
4. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT, AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION METHODS.
5. CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF NC811. REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
6. EXISTING UTILITIES AND STRUCTURES SHOWN BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS, BOTH HORIZONTAL AND VERTICAL, PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
7. CONTRACTOR SHALL ROOT SPADE WITHIN ALL TREE DRUPLINES AND TAKE ALL PRECAUTIONS NECESSARY TO SAVE TREES NOT SHOWN TO BE DEMOLISHED.
8. ALL GROUND COVER SHALL BE APPLIED PER CONDITIONS OF THE NPDES PERMIT OR IN CRITICAL AREAS AT THE END OF EACH DAY.

EROSION CONTROL NOTES:

1. WITH THE EXCEPTION OF GRAVEL CONSTRUCTION ENTRANCES, NO BUILT-UPON AREA SHALL BE INSTALLED UNTIL AFTER THE APPROPRIATE STATE STORMWATER PERMIT IS OBTAINED FOR THE PROJECT.
2. CONTRACTOR SHALL LOCATE AND VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY CONFLICTS/DISCREPANCIES.
3. NEW EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AS SHOWN ON PLANS AND INSPECTED PRIOR TO ANY GRADING OR DEMOLITION ON SITE. MAINTENANCE AND REPAIR SHALL BE MADE, AS NECESSARY, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CALL FOR AN INSPECTION ONCE INITIAL MEASURES ARE IN PLACE.
4. SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE.
5. A COPY OF THE APPROVED EROSION CONTROL PLAN MUST BE ON FILE AT THE JOB SITE AT ALL TIMES.
6. INSTALL A RAIN GAUGE (6" CAPACITY OR GREATER) ON SITE.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL ALL UPSLOPE DRAINAGE AREAS HAVE BEEN STABILIZED AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.
8. CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GRADING CONTRACTOR UNLESS OTHERWISE NOTED. ANY DEWATERING ASSOCIATED WITH THIS PROJECT IS TO BE DONE THROUGH A SILT BAG. CONTRACTOR SHALL WORK IN DRY CONDITIONS TO THE MAXIMUM EXTENT POSSIBLE.
9. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE EROSION CONTROL PERMIT AND IS SUBJECT TO A FINE. ANY NEED TO DISTURB BEYOND THE APPROVED PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, ENGINEER AND EROSION CONTROL INSPECTOR.
10. THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED WILL, WITHIN 7 OR 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY GROUND COVER, DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION. PERMANENT GROUND COVER WILL BE PROVIDED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR NO MORE THAN 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE ON THE PLAN. ALL GRADED SLOPES STEEPER THAN 3:1 MUST BE SEED & COMPOST LAID WITHIN 7 DAYS OF COMPLETION OF GRADING. ALL REMAINING DISTURBED AREAS ARE TO BE SEED & COMPOST LAID WITHIN 14 DAYS. PERMANENT SWALES ARE TO BE STABILIZED WITHIN 7 DAYS. SEE THE GROUND STABILIZATION CHART FOR ADDITIONAL REQUIREMENTS.
11. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY REPRESENTATIVE OF THE NCDEQ DEMLR DEPARTMENT. ADDITIONAL SILT FENCE OUTLETS AT LOW AREAS MAY BE INSTALLED BY CONTRACTOR AS REQUIRED. E&SC MEASURES ARE TO BE INSTALLED AT ANY AREAS USED FOR CONTRACTOR EQUIPMENT STAGING, MATERIALS LAYDOWN, SPOIL OR WASTE AREA.
12. PROTECTION OF EXISTING VEGETATION (IF APPLICABLE): AT THE START OF GRADING INVOLVING THE STRIPPING OF TOPSOIL OR LOWERING OF EXISTING GRADE AROUND A TREE, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE PROTECTED AREA AND SHALL BE POSTED ON THE PROTECTION FENCE. A PROTECTION FENCE CONSTRUCTED OF MATERIAL RESISTANT TO DEGRADATION BY SUN, WIND, AND MOISTURE FOR THE DURATION OF THE CONSTRUCTION, SHALL BE INSTALLED AT THE SAME TIME AS THE EROSION CONTROL MEASURES AND SHALL BE IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE.
13. INSTALLATION AND MAINTENANCE OF ALL PROPOSED SEDIMENTATION & EROSION CONTROL MEASURES IS REQUIRED. THE CONTRACTOR MAY BE ALLOWED, WITH PRIOR APPROVAL FROM THE OWNER, TO COORDINATE CHANGES TO THE PLAN WITH THE ON-SITE NCDEQ DEMLR INSPECTOR AND THE ENGINEER OR THE OWNER'S REPRESENTATIVE.
14. CONTRACTOR WILL FIELD LOCATE SILT FENCE OUTLETS AT LOW POINTS IN SILT FENCE AS REQUIRED TO PROVIDE RELIEF FROM CONCENTRATED FLOWS.
15. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
16. REQUIRED CONSTRUCTION/SAFETY FENCING SHALL BE INSTALLED PRIOR TO BEGINNING LAND DISTURBANCE.
17. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP ALL DIRT OFF PAVED ROADS. HEAVY MATS MAY BE USED IN LIEU OF ROCK CONSTRUCTION ENTRANCES AS DEEMED ACCEPTABLE BY THE ON-SITE INSPECTOR.
18. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP ALL SEDIMENT ON SITE AND ENSURE NO SEDIMENT LEAVES THE LIMITS OF DISTURBANCE OF THE PROJECT. THIS MAY REQUIRE INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES ABOVE AND BEYOND WHAT IS SHOWN ON THE PLANS. IF ENVIRONMENTAL OR SITE CONDITIONS WARRANT ADDITIONAL EROSION CONTROL MEASURES, CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM DEP REPRESENTATIVE. EROSION CONTROL MEASURES DAMAGED OR REQUIRED DUE TO CONTRACTOR ACTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EROSION CONTROL MEASURES SHALL BE PROPERLY MAINTAINED THROUGHOUT CONSTRUCTION AT NO ADDITIONAL COST TO DEP.
19. ALL CONSTRUCTION DEBRIS SHALL BE TESTED AND DISPOSED OF OFF-SITE IN A STATE PERMITTED LINED LANDFILL.
20. ALL EARTHEN MATERIAL BROUGHT TO OR REMOVED FROM THE PROJECT SITE SHALL COME FROM OR BE DELIVERED TO A SITE THAT HAS A CURRENT EROSION AND SEDIMENTATION CONTROL PERMIT. IMPORTED EARTHEN FILL FROM A PERMITTED MINE MAY ALSO BE BROUGHT TO THE PROJECT SITE.

TEMPORARY DIVERSION SPECIFICATIONS:

1. REMOVE AND PROPERLY DISPOSE OF ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL IN THE LOCATIONS OF TEMPORARY DIVERSIONS PRIOR TO CONSTRUCTION OF DIVERSION CHANNELS AND/OR RIDGES.
2. ENSURE THAT THE MINIMUM CONSTRUCTED CROSS SECTION MEETS ALL DESIGN REQUIREMENTS. SEE TEMPORARY DIVERSION SWALE DESIGN SUMMARY TABLE.
3. ENSURE THAT THE TOP OF THE DIKE IS NOT LOWER AT ANY POINT THAN THE DESIGN ELEVATION PLUS THE SPECIFIED SETTLEMENT.
4. PROVIDE SUFFICIENT ROOM AROUND DIVERSIONS TO PERMIT MACHINE REGRADING AND CLEANOUT.
5. VEGETATE THE RIDGE IMMEDIATELY AFTER CONSTRUCTION.
6. MAINTENANCE - INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.

CONSTRUCTION SEQUENCE - STAGE 1:

1. REQUEST PRE-CONSTRUCTION MEETING WITH NCDEQ WILMINGTON REGIONAL OFFICE AT LEAST 72 HOURS PRIOR TO COMMENCING THE PROJECT. CONTACT THE OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND-DISTURBING ACTIVITY.
 - NCDEQ WILMINGTON REGIONAL OFFICE PHONE: (910) 796-7215
2. EROSION AND SEDIMENT CONTROL (E&S) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES (INCLUDING TIMBERING AND DEMOLITION) OCCUR. A COPY OF THE E&S PERMIT, THE COC, AND A HARD COPY OF THE PLANS MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.
3. INSTALL TREE PROTECTION FENCE AT FINAL LOCATIONS SHOWN.
4. ATTEND PRE-CONSTRUCTION MEETING WITH NCDEQ EROSION CONTROL INSPECTOR.
5. OBTAIN GRADING PERMIT.
6. OBTAIN STORMWATER PERMIT.
7. INSTALL THE FOLLOWING EROSION AND SEDIMENTATION CONTROL DEVICES PER THE APPROVED PLAN IN THE FOLLOWING ORDER:
 - a. GRAVEL CONSTRUCTION ENTRANCES AND TEMPORARY ACCESS ROADS.
 - b. TREE PROTECTION FENCE
 - c. SILT FENCING SURROUNDING SITE WITH SILT FENCE OUTLETS.
7. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES.
8. OBTAIN CERTIFICATE OF COMPLIANCE THROUGH ON-SITE INSPECTION BY NCDEQ EROSION CONTROL INSPECTOR.
9. PROCEED WITH DEMOLITION AS SHOWN ON THE DEMOLITION PLANS AND CLEARING OF SITE.
10. STOCKPILES, LAYDOWN OR WASTE AREAS, CONCRETE WASHOUTS, PORTABLE TOILETS, AND FUELS MUST BE LOCATED AT LEAST 50 FEET AWAY FROM ANY OPEN WATER CONVEYANCES, SUCH AS BASINS, DITCHES, STORM DRAIN INLETS, ETC. THE LOCATION OF THESE ACTIVITIES MAY BE FIELD ADJUSTED IF THE DISTANCE REQUIREMENTS ARE MET.
11. MAINTAIN DEVICES AS NEEDED IN ACCORDANCE WITH THE NOTES ON THIS SHEET.
12. ALL AREAS AND SLOPES DISTURBED DURING CONSTRUCTION AND EXPOSED SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCHING WITHIN 7 TO 14 CALENDAR DAYS DEPENDING ON SLOPE. FOLLOWING COMPLETION OF ANY PHASE OF GRADING OR PERIOD OF INACTIVITY, PERMANENT GROUND COVER IS TO BE ESTABLISHED FOR ALL DISTURBED AREAS WITHIN 14 WORKING DAYS FOLLOWING COMPLETION OF CONSTRUCTION. COMPLETION OF GRADING OR PERIOD OF INACTIVITY, PERMANENT SEEDING, MULCHING AND GROUND COVER SHALL BE APPLIED TO THE SITE FOLLOWING COMPLETION OF CONSTRUCTION.
13. CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION CONTROL DEVICES ONCE PER WEEK AND AFTER EVERY RAINFALL EVENT. GRADING ACTIVITY SHALL BE PROHIBITED IN THE AREAS OF THE SEDIMENT CONTROL DEVICES UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED.
14. WITH APPROVAL FROM NCDEQ EROSION CONTROL INSPECTOR MOVE TO EROSION CONTROL PLAN STAGE 2.

CONSTRUCTION SEQUENCE - STAGE 2:

1. BEGIN MASS GRADING OF SITE. AS AREAS ARE BROUGHT UP TO PROPOSED GRADE, STABILIZE SITE WITH VEGETATION. ADJUST DIVERSION DITCHES AS NECESSARY TO MAINTAIN FLOW TO SKIMMER BASINS.
2. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE IN DIVERSION DITCHES AND TO SEDIMENT BASINS AT ALL TIMES THROUGHOUT CONSTRUCTION.
3. ALL OFF-SITE STREETS SHALL BE KEPT CLEAN AS NOTED IN EROSION CONTROL NOTES DURING HAUL OFF OF EXCAVATED MATERIAL.
4. MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAIN EVENT THROUGHOUT CONSTRUCTION.
5. ALL AREAS AND SLOPES DISTURBED DURING CONSTRUCTION AND EXPOSED SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCHING WITHIN 7 TO 14 CALENDAR DAYS DEPENDING ON SLOPE. FOLLOWING COMPLETION OF ANY PHASE OF GRADING OR PERIOD OF INACTIVITY, PERMANENT GROUND COVER IS TO BE ESTABLISHED FOR ALL DISTURBED AREAS WITHIN 14 WORKING DAYS FOLLOWING COMPLETION OF CONSTRUCTION. COMPLETION OF GRADING OR PERIOD OF INACTIVITY, PERMANENT SEEDING, MULCHING AND GROUND COVER SHALL BE APPLIED TO THE SITE FOLLOWING COMPLETION OF CONSTRUCTION.
6. STABILIZE GRADED AREAS AS THEY ARE BROUGHT TO FINAL GRADE, PER THE NPDES GROUND STABILIZATION TIMELINE. ONCE FINAL GRADE HAS BEEN ACHIEVED, PERMANENTLY SEED ALL AREAS AND SLOPES PER NCDEP'S EROSION SEDIMENT CONTROL PLANNING AND DESIGN MANUAL VERSION 5/13, CHAPTER 6.11.6.10 AND 6.11.6.11. SEE THIS SHEETS FOR SEEDING SPECIFICATIONS. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 14 DAYS OF INACTIVITY AT A MINIMUM.
7. WITH NCDEQ INSPECTOR APPROVAL, REMOVE EROSION CONTROL MEASURES FROM ALL AREAS THAT HAVE BEEN PERMANENTLY STABILIZED AND STABILIZE AREAS OF THE DEVICE REMOVAL.
8. CONTINUE INSTALLATION OF PAVEMENT, CURB, BUILDINGS, AND UTILITIES. AS AREAS ARE BROUGHT UP TO PROPOSED GRADE, STABILIZE SITE WITH VEGETATION. ADJUST DIVERSION DITCHES AS NECESSARY TO MAINTAIN FLOW TO SKIMMER BASINS.
9. STABILIZE GRADED AREAS AS THEY ARE BROUGHT TO FINAL GRADE, PER THE NPDES GROUND STABILIZATION TIMELINE. ONCE FINAL GRADE HAS BEEN ACHIEVED, PERMANENTLY SEED ALL AREAS AND SLOPES PER NCDEP'S EROSION SEDIMENT CONTROL PLANNING AND DESIGN MANUAL VERSION 5/13, CHAPTER 6.11.6.10 AND 6.11.6.11. SEE THIS SHEETS FOR SEEDING SPECIFICATIONS. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 14 DAYS OF INACTIVITY AT A MINIMUM.
10. CONTRACTOR TO REMOVE IMPERVIOUS INSTALLED WITHIN CONTRACTOR TRAILER, PARKING AND STORAGE AREAS. DEMOLISH ASPHALT AND/OR CONCRETE AND REMOVE FROM SITE. PLACE TOP SOIL AND SEED PER SEEDING SPECIFICATIONS.
11. REQUEST FINAL APPROVAL BY NCDEQ EROSION CONTROL INSPECTOR.
12. FILL IN EXCAVATED STORAGE AREAS AND DEWATER USING SEDIMENT FILTER BAGS. REMOVE EROSION CONTROL MEASURES FROM ALL AREAS THAT HAVE BEEN PERMANENTLY STABILIZED AND STABILIZE THE AREAS OF THE DEVICE REMOVAL WITH APPROVAL FROM EROSION CONTROL INSPECTOR.
13. WHEN THE PROJECT IS COMPLETE, THE PERMITEE SHALL CONTACT NCDEQ TO CLOSE OUT THE E&S PLAN.
14. IF SITE IS APPROVED, REMOVE ANY REMAINING EROSION CONTROL MEASURES. PAVE OR SEED ANY REMAINING BARE AREAS AND CALL FOR FINAL INSPECTION BY ENVIRONMENTAL OFFICER AND RECEIVE CERTIFICATE OF COMPLETION.
15. WHEN THE PROJECT IS COMPLETE, THE PERMITEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&EC PLAN. AFTER DEMLR INFORMS THE PERMITEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITEE SHALL VISIT DEQ.NC.GOV/NC601 TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E-NOT). A \$120 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E-NOT HAS BEEN FILLED OUT.

CONTRACTOR'S MAINTENANCE PLAN:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
2. SEDIMENT BASINS SHALL BE INSPECTED REGULARLY DURING LAND DISTURBING ACTIVITIES AND AFTER EACH RUNOFF-PRODUCING RAINFALL. SEDIMENT SHALL BE REMOVED AND THE BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF EACH BASIN. PORTIONS OF THE BASIN'S GRASS FACING THAT ARE CONTAMINATED BY SEDIMENT SHALL BE REPLACED WITH FRESH GRAVEL DURING EACH SEDIMENT REMOVAL EPISODE.
3. SEDIMENT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RUNOFF PRODUCING RAINFALL. REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED AS NEEDED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAINFALL EVENT, AND TO REDUCE PRESSURE ON THE FENCE. FENCING MATERIALS AND SEDIMENT DEPOSITS SHALL BE REMOVED, AND THE AREA BROUGHT TO GRADE FOLLOWING STABILIZATION OF UPGRADIENT DISTURBED AREAS.
4. DIVERSION DITCHES MUST REMAIN IN PLACE UNTIL PROJECT IS STABILIZED.
5. EROSION CONTROL DURING SITE CONSTRUCTION WILL BE ACCOMPLISHED BY USE OF SILT FENCING AND SILT FENCE OUTLETS. DEVICES MUST BE EMPTIED WHEN SEDIMENT ACCUMULATION HAS REACHED 6" DEPTH.

TEMPORARY SEEDING SCHEDULE

SEEDING DATE	SEEDING MIXTURE	APPLICATION RATE
DEC 1 - APR 15	RYE (GRAIN)	120 LBS/AC
	KOBE LESPEDEZA	50 LBS/AC
APR 15 - AUG 15	GERMAN MILLET	40 LBS/AC
AUG 15 - DEC 30	RYE (GRAIN)	120 LBS/AC

SOIL AMENDMENTS
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 750 LB/AC 10-10-10 FERTILIZER (FROM AUG 15 - DEC 30, INCREASE 10-10-10 FERTILIZER TO 1000 LB/AC).

MULCH
APPLY 4000 LB/AC STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
DEC 1 - AUG 15: REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE, AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

AUG 15 - DEC 30: REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOP DRESS WITH 50 LB/AC OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/AC KOBE LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

NOTE: USE THE TEMPORARY SEEDING SCHEDULE ONLY WHEN DATE IS NOT CORRECT TO USE THE PERMANENT SEEDING SCHEDULE.

PERMANENT SEEDING SCHEDULE

SEEDING DATE	SEEDING MIXTURE	APPLICATION RATE
OCT - MAR 15 (BEST)	TALL FESCUE	200 LBS/AC
	RYE (GRAIN)	50 LBS/AC
MAR 15 - APR 15 (POSSIBLE)	TALL FESCUE	200 LBS/AC
	RYE (GRAIN)	50 LBS/AC

SOIL AMENDMENTS
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 1000 LB/AC 10-10-10 FERTILIZER.

MULCH
APPLY 4000 LB/AC STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
INSPECT AND REPAIR MULCH FREQUENTLY. REFERTILIZE IN LATE WINTER OF THE FOLLOWING YEAR; USE SOIL TESTS OR APPLY 150 LB/AC 10-10-10 FERTILIZER. MOW REGULARLY TO A HEIGHT OF 2-4 INCHES.

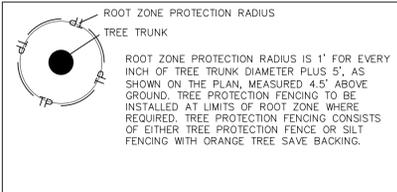
SEEDBED PREPARATION

AREAS TO BE SEED TO BE SCARIFIED 4" DEEP. A FIRM, WELL PULVERIZED, UNIFORM SEEDBED SHOULD BE PROVIDED. FERTILIZER SHALL BE PLACED DURING SCARIFICATION AS FOLLOWS:
LIME: 45 LBS / 1,000 SF
PHOSPHOROUS: 20 LBS / 1,000 SF
FERTILIZER: 17 LBS / 1,000 SF

OFFSITE SPOIL NOTE:

IF AN OFFSITE SOIL SPOIL OR BORROW SITE IS UTILIZED, THEN THE DISTURBED AREA FOR THE SPOIL/BORROW SITE MUST BE INCLUDED IN THE LAND-DISTURBANCE PLAN AND PERMIT UNLESS THE SPOIL/BORROW SITE ALREADY HAS A LAND-DISTURBANCE PERMIT.

REQUIRED GROUND STABILIZATION TIMEFRAMES		
SITE AREA DESCRIPTION	STABILIZE WITHIN THIS MANY CALENDAR DAYS AFTER CEASING LAND DISTURBANCE	TIMEFRAME VARIATIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7	NONE
HIGH QUALITY WATER (HQW) ZONES	7	NONE
SLOPES STEEPER THAN 3:1	7	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14-DAYS ARE ALLOWED
SLOPES 3:1 TO 4:1	14	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH AND WITH SLOPES STEEPER THAN 4:1 7-DAYS FOR PERMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HOW ZONES 10-DAYS FOR FALLS LAKE WATERSHED
AREAS WITH SLOPES FLATTER THAN 4:1	14	7-DAYS FOR PERMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HOW ZONES 10-DAYS FOR FALLS LAKE WATERSHED, UNLESS THERE IS ZERO SLOPE



BUILDING WASTES HANDLING	
• NO PAINT OR LIQUID WASTES IN STREAM OR STORM DRAINS	
• DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.	
• EARTHEN-MATERIAL STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.	
• WET CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATER, WETLANDS, OR BUFFERS.	

SEE SHEETS C6.10 THRU C6.13 FOR ALL EROSION CONTROL DETAILS

DISTURBED AREA = 5.2 AC.



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AMANDA LYLE
PHONE: 252.393.8185



NC COASTAL FEDERATION CENTER FOR COASTAL PROTECTION AND RESTORATION DRIVEWAY DESIGN 4411 HIGHWAY 24 CARTERET COUNTY, NORTH CAROLINA, 28570



REVISIONS

NO.	DATE	REVISION
1	08.21.2025	NC DOT COMMENT REVISION

PLAN INFORMATION

PROJECT NO. NCF23002
FILENAME NCF23002-ECN1
CHECKED BY EMD
DRAWN BY MJC
SCALE N/A
DATE 08.13.2025

SHEET

EROSION CONTROL NOTES

C6.00



Know what's below. Call before you dig.

CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.



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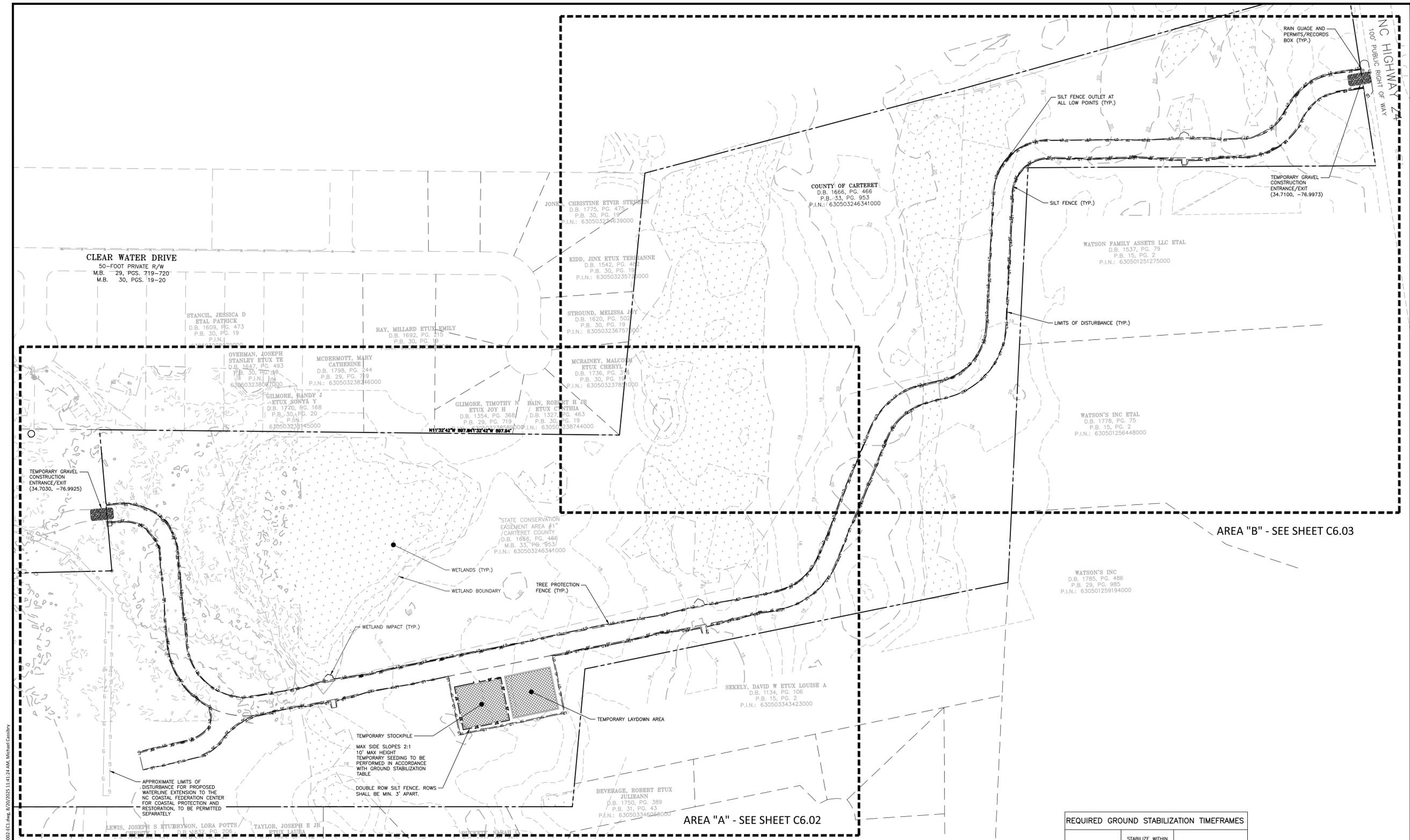
NO.	DATE	REVISION
1	08.13.2025	NC DOT COMMENT REVISION

PLAN INFORMATION

PROJECT NO. NCF23002
FILENAME NCF23002-EC1
CHECKED BY EMD
DRAWN BY MIC
SCALE 1"=100'
DATE 08.13.2025

OVERALL EROSION CONTROL PLAN - STAGE 1

C6.01



EROSION CONTROL LEGEND

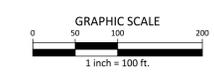
- SILT FENCE OUTLET
- INLET PROTECTION
- INLET PROTECTION FOR EXISTING STRUCTURES
- CHECK DAM
- SILT FENCE
- TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE
- WOODED AREA
- CONSTRUCTION ENTRANCE/EXIT

SEE SHEETS C6.10 THRU C6.13 FOR ALL EROSION CONTROL DETAILS
DISTURBED AREA = 5.2 AC.

REQUIRED GROUND STABILIZATION TIMEFRAMES

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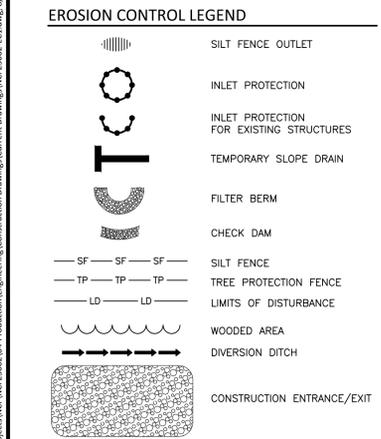
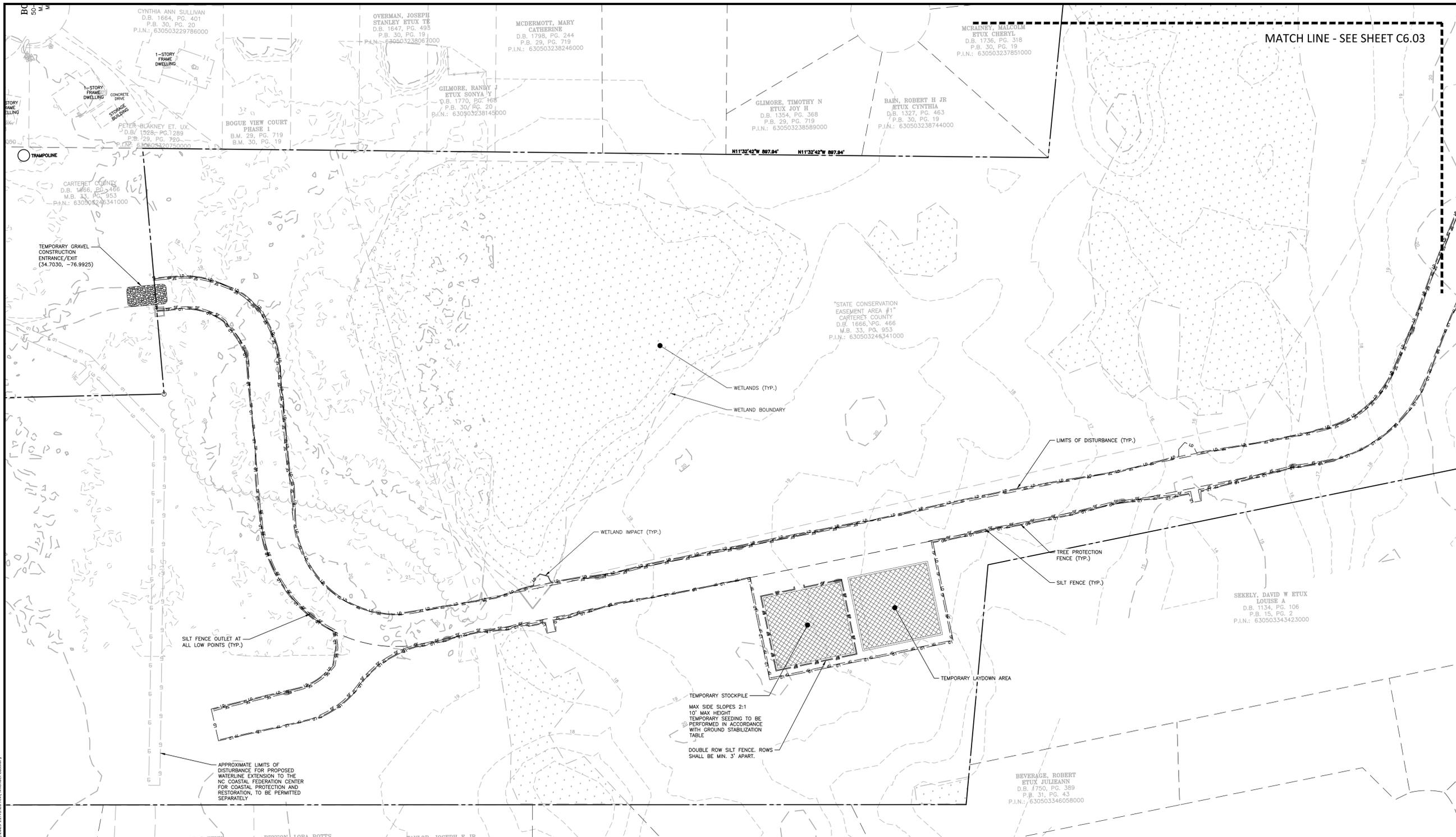
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FILENAME NCF23002-EC1
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DRAWN BY MJC
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SHEET

**EROSION CONTROL PLAN
- AREA "A" STAGE 1**

C6.02

MATCH LINE - SEE SHEET C6.03



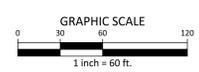
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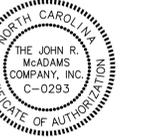
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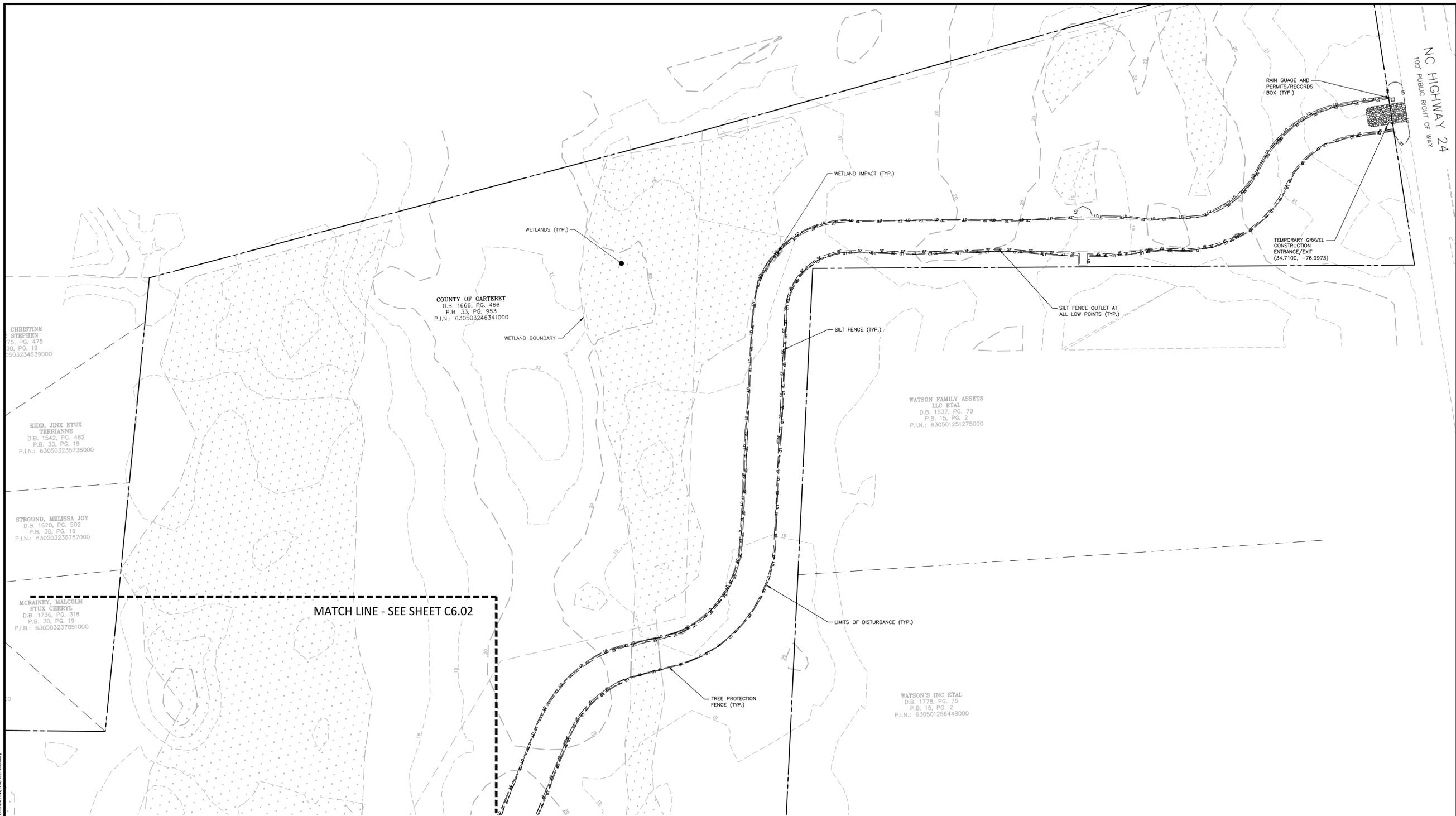
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PROJECT NO. NCF23002
FILENAME NCF23002-EC1
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SCALE 1"=60'
DATE 08.13.2025

SHEET

**EROSION CONTROL PLAN
- AREA "B" STAGE 1**

C6.03



EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- INLET PROTECTION FOR EXISTING STRUCTURES
- TEMPORARY SLOPE DRAIN
- FILTER BERM
- CHECK DAM
- SILT FENCE
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- WOODED AREA
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

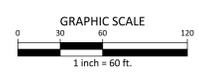
SEE SHEETS C6.10 THRU C6.13 FOR ALL EROSION CONTROL DETAILS

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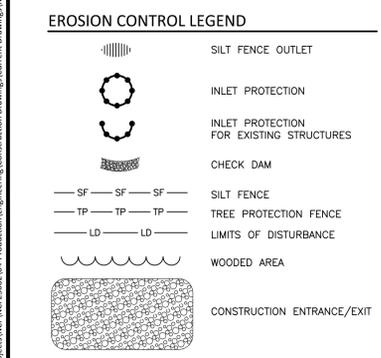
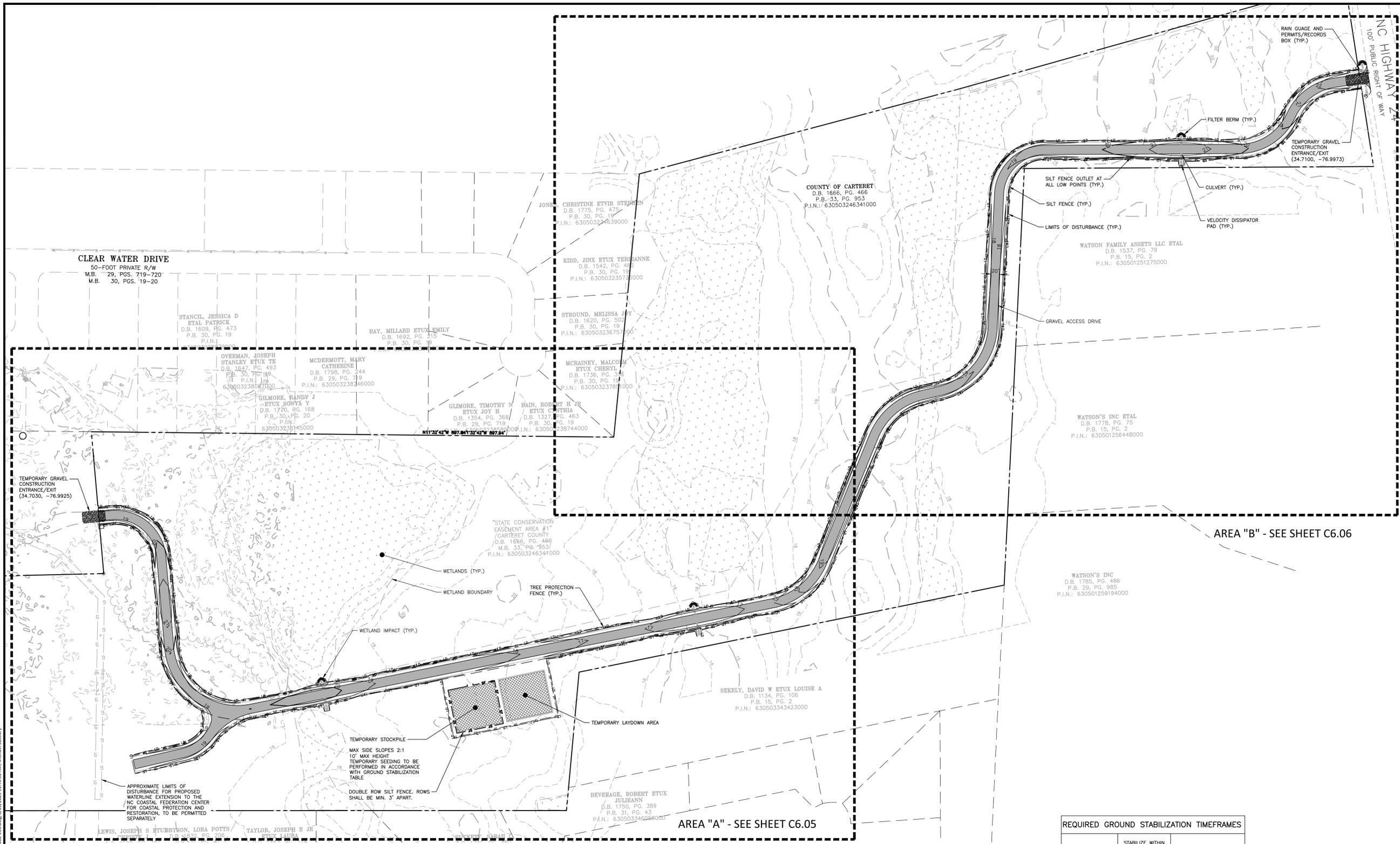
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PROJECT NO. NCF23002
FILENAME NCF23002-EC1
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OVERALL EROSION CONTROL PLAN - STAGE 2

C6.04

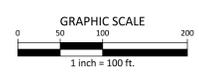


SEE SHEETS C6.10 THRU C6.13 FOR ALL EROSION CONTROL DETAILS
DISTURBED AREA = 5.2 AC.

REQUIRED GROUND STABILIZATION TIMEFRAMES

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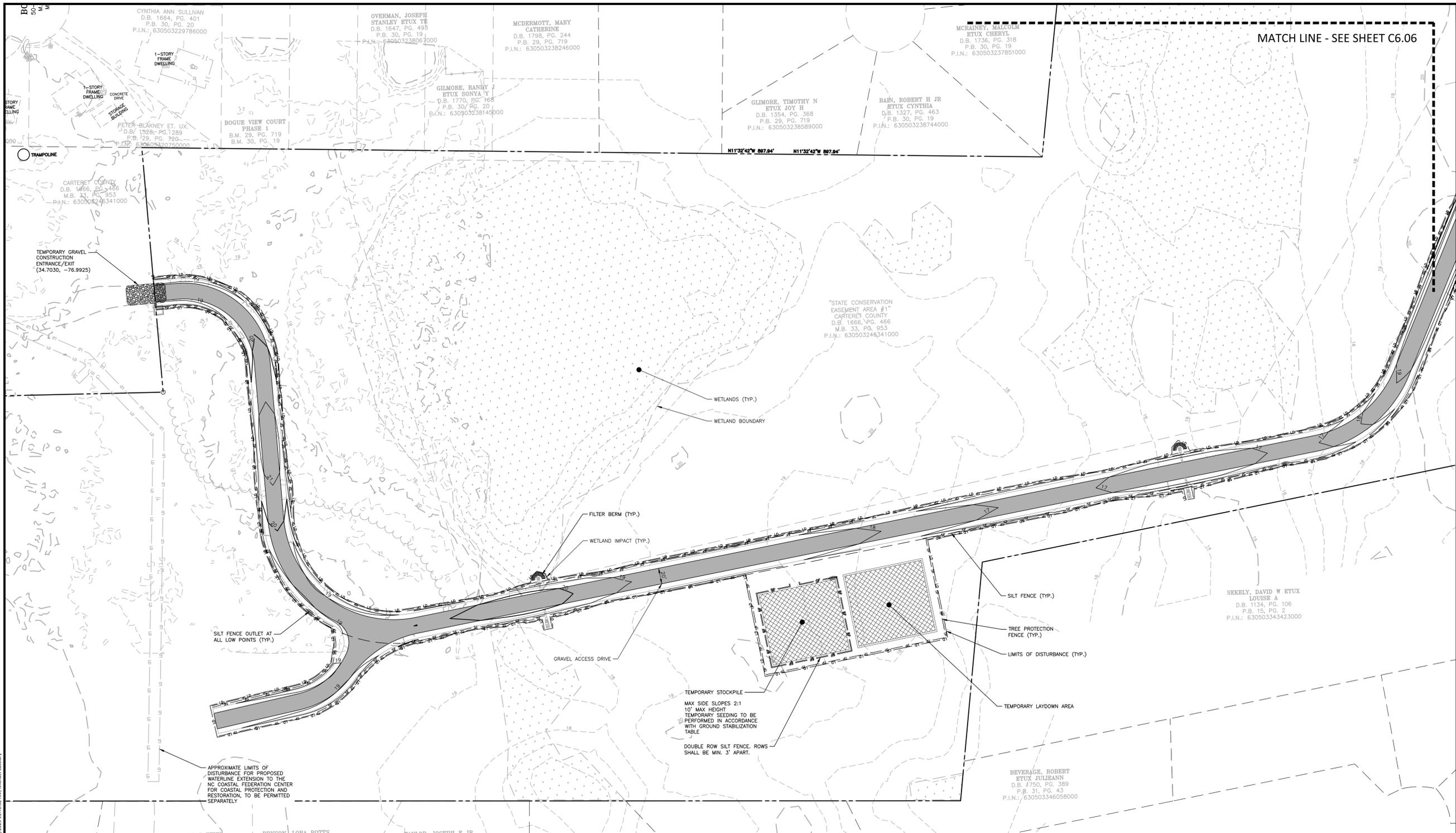
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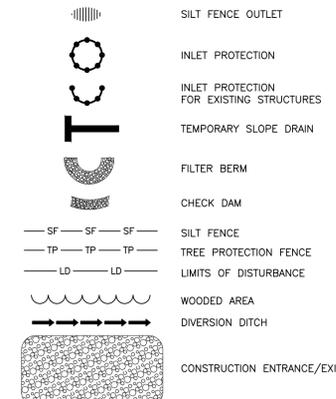
PROJECT NO. NCF23002
FILENAME NCF23002-EC1
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DRAWN BY MJC
SCALE 1"=60'
DATE 08.13.2025
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**EROSION CONTROL PLAN
- AREA "A" STAGE 2**

C6.05



EROSION CONTROL LEGEND

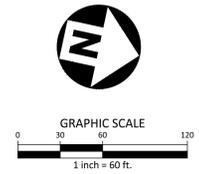


SEE SHEETS C6.10 THRU C6.13 FOR ALL EROSION CONTROL DETAILS
DISTURBED AREA = 5.2 AC.

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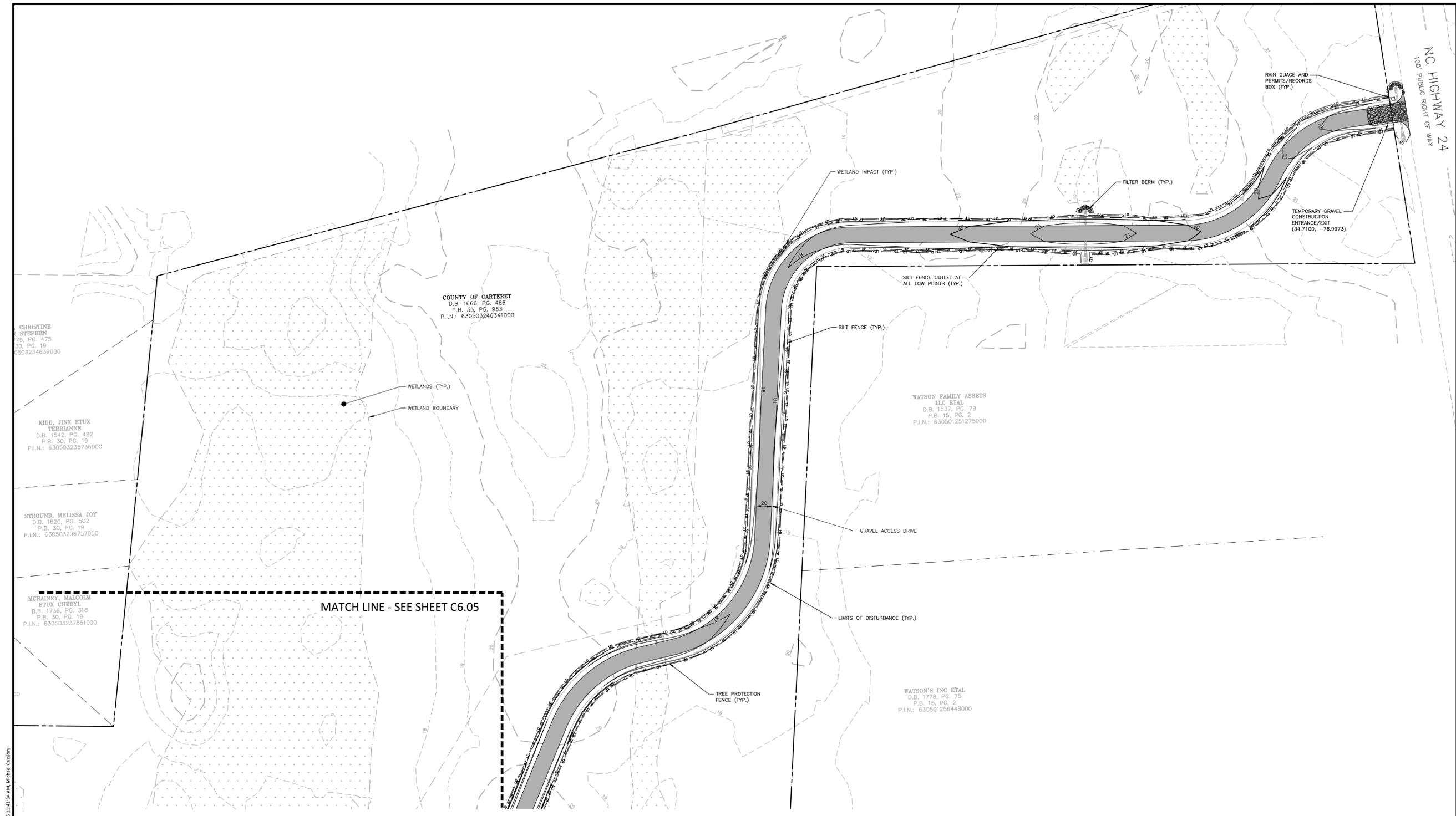
PLAN INFORMATION

PROJECT NO. NCF23002
 FILENAME NCF23002-EC1
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 DRAWN BY MJC
 SCALE 1"=60'
 DATE 08.13.2025

SHEET

**EROSION CONTROL PLAN
 - AREA "B" STAGE 2**

C6.06



EROSION CONTROL LEGEND

- SILT FENCE OUTLET
- INLET PROTECTION
- INLET PROTECTION FOR EXISTING STRUCTURES
- TEMPORARY SLOPE DRAIN
- FILTER BERM
- CHECK DAM
- SILT FENCE
- TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE
- WOODED AREA
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

SEE SHEETS C6.10 THRU C6.13 FOR ALL EROSION CONTROL DETAILS

DISTURBED AREA = 5.2 AC.

REQUIRED GROUND STABILIZATION TIMEFRAMES

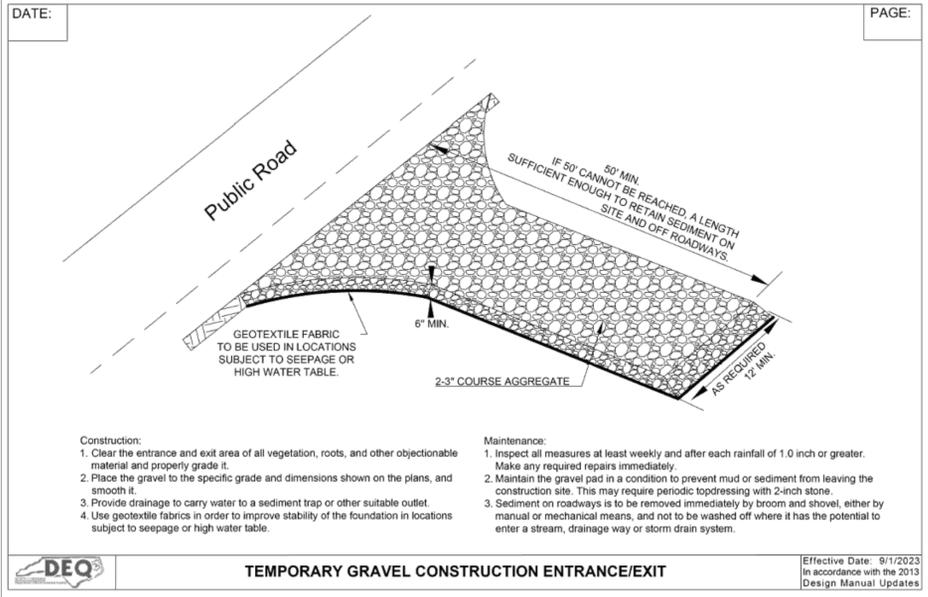
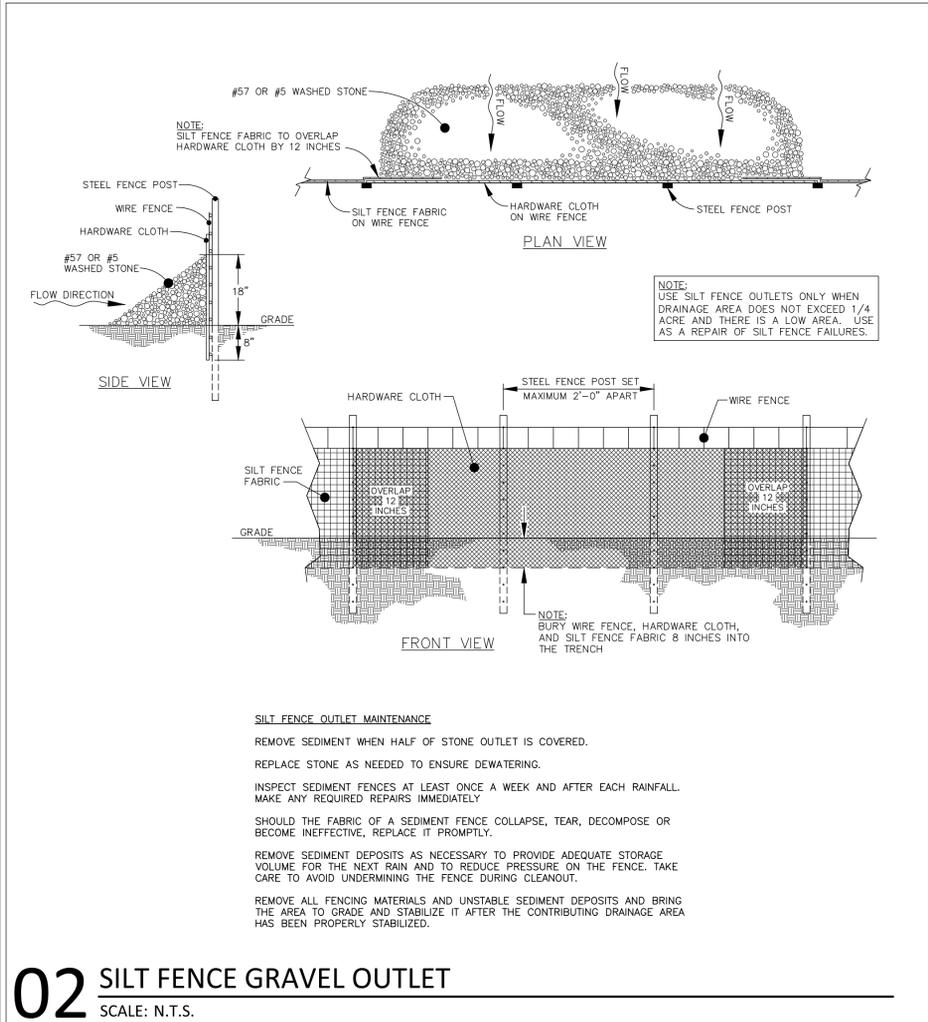
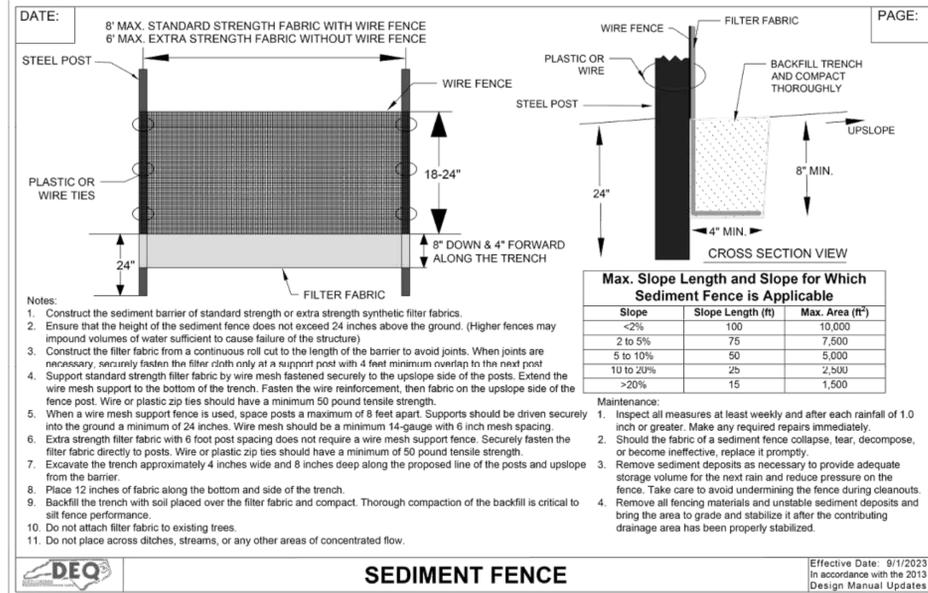
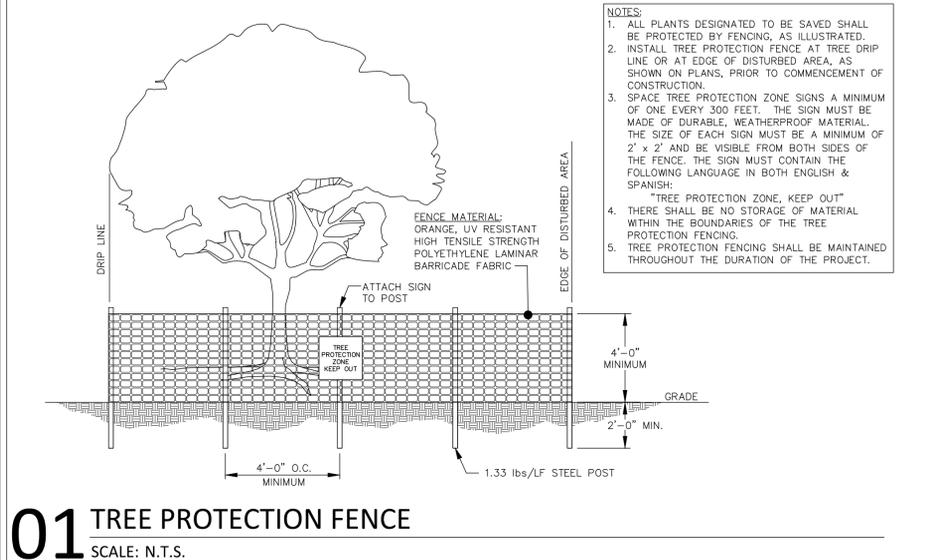
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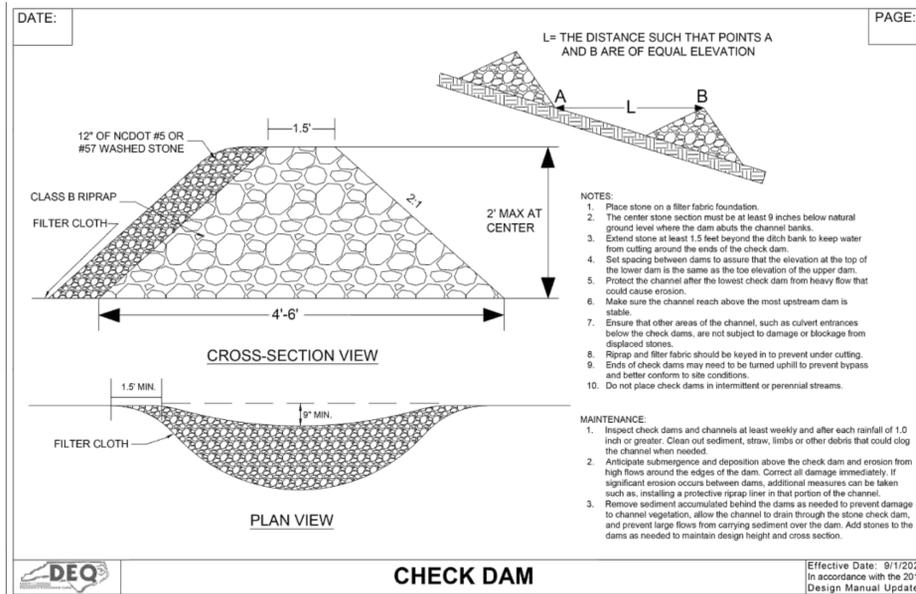
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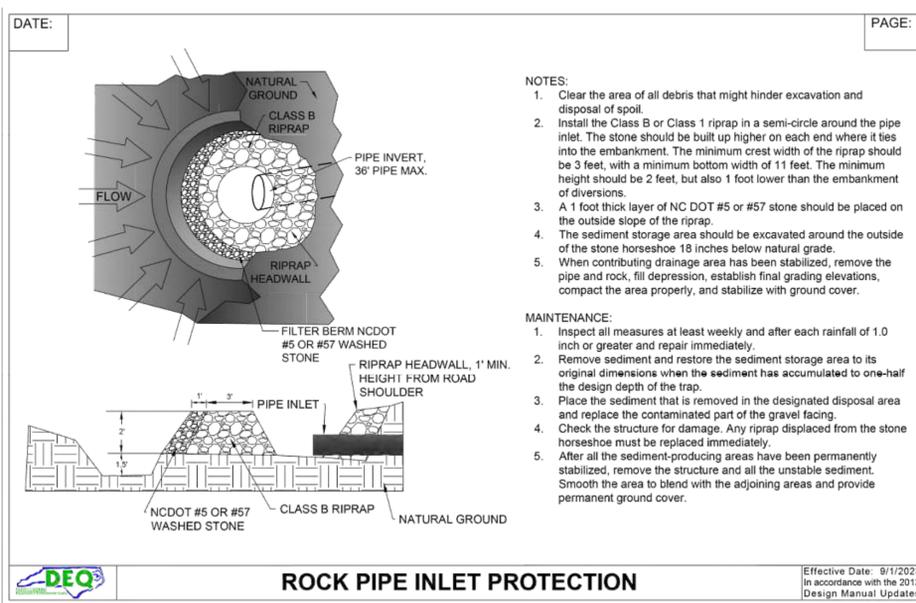
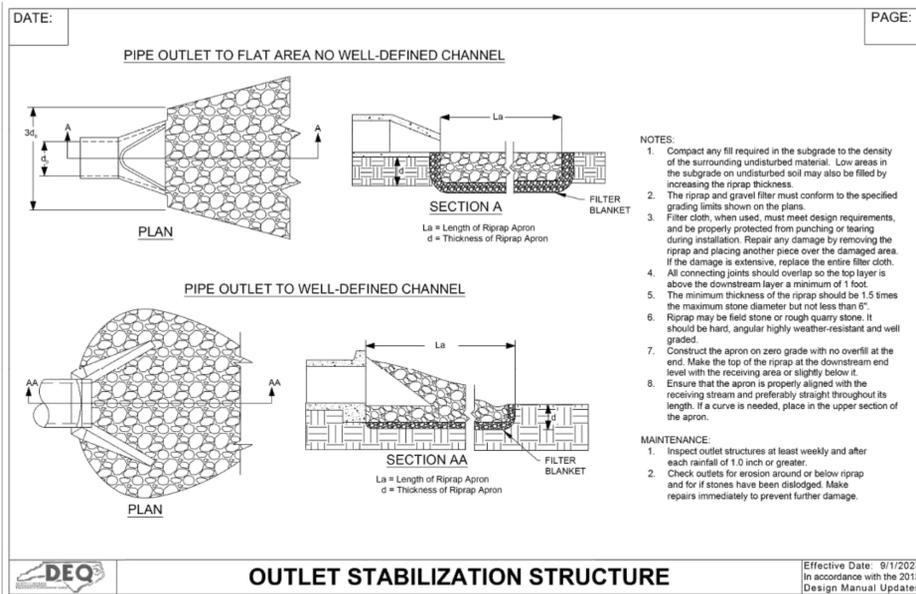
SHEET

EROSION CONTROL
DETAILS

C6.11



STONE SHOULD BE PLACED OVER THE CHANNEL BANKS TO KEEP WATER FROM CUTTING AROUND THE DAM



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REVISIONS

Table with 2 columns: NO. and DATE. Row 1: 1, 08.21.2025, NCDOT COMMENT REVISION

PLAN INFORMATION

Table with 2 columns: FIELD and VALUE. Fields include PROJECT NO., FILENAME, CHECKED BY, DRAWN BY, SCALE, DATE, SHEET.

EROSION CONTROL
DETAILS

C6.12

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).

SECTION E: GROUND STABILIZATION

Table: Required Ground Stabilization Timeframes. Columns: Site Area Description, Stabilize within this many calendar days after ceasing land disturbance, Timeframe variations.

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

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Table: Temporary Stabilization vs Permanent Stabilization. Lists techniques like grass seed, hydroseeding, mulch, etc.

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- 1. Select flocculants that are appropriate for the soils being exposed during construction...
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...
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 structures.

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

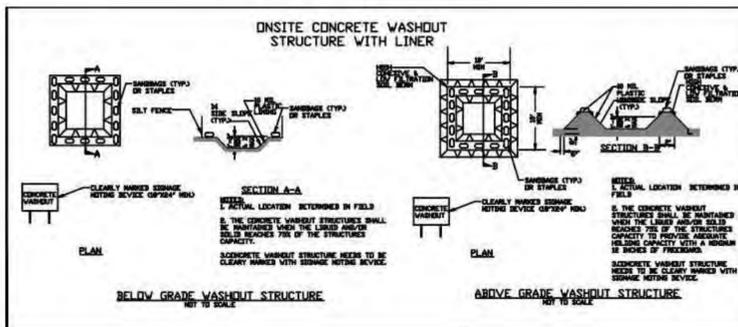
- 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized 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.
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 unit.

EARTHEN STOCKPILE MANAGEMENT

- 1. Show stockpile locations on plans. Locate earthen-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 silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
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.



CONCRETE WASHOUTS

- 1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened 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 lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections.
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.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout.
8. Install at least one sign directing concrete trucks to the washout within the project limits.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility.

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.
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

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REVISIONS

NO. DATE
1 08.21.2025 NCDOT COMMENT REVISION

PLAN INFORMATION

PROJECT NO. NCF23002
FILENAME NCF23002-ECN1
CHECKED BY EMD
DRAWN BY MJC
SCALE
DATE 08.13.2025

SHEET

EROSION CONTROL
DETAILS

C6.13



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...
(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

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

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

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Table with 2 columns: Item to Document, Documentation Requirements. Rows include E&SC measures, grading phases, ground cover, maintenance, and corrective actions.

2. Additional Documentation to be Kept on Site

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- (a) This General Permit as well as the Certificate of Coverage, after it is received.
(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division...

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI 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]

PART III
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 (during normal business hours), Inspection records must include:.

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

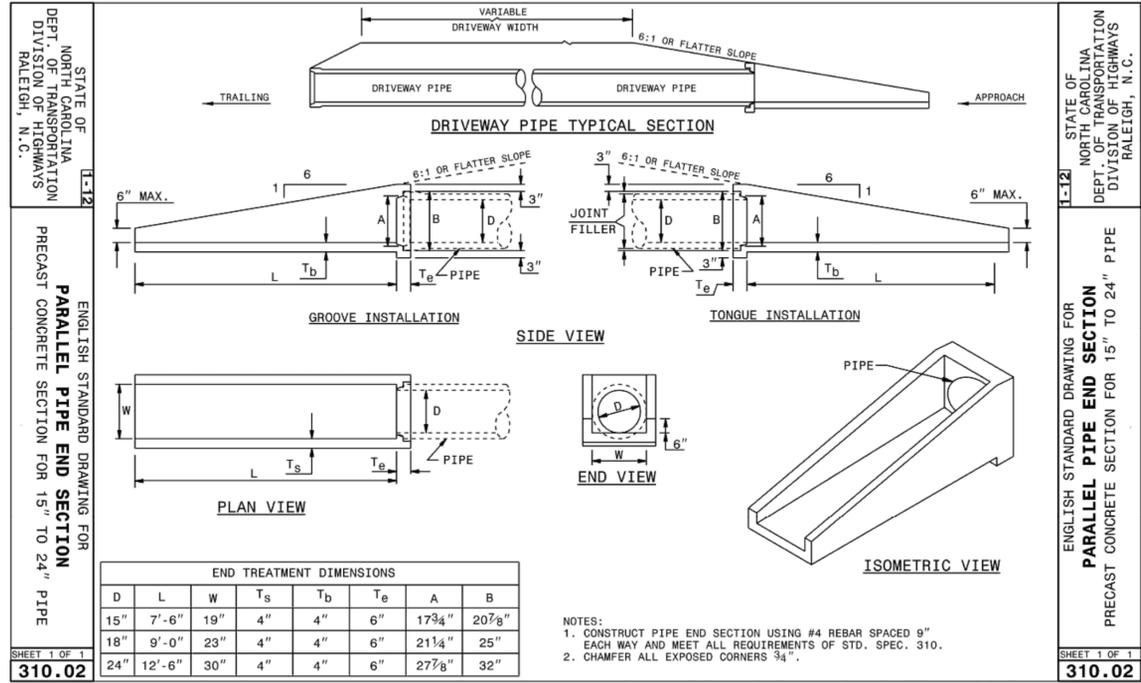
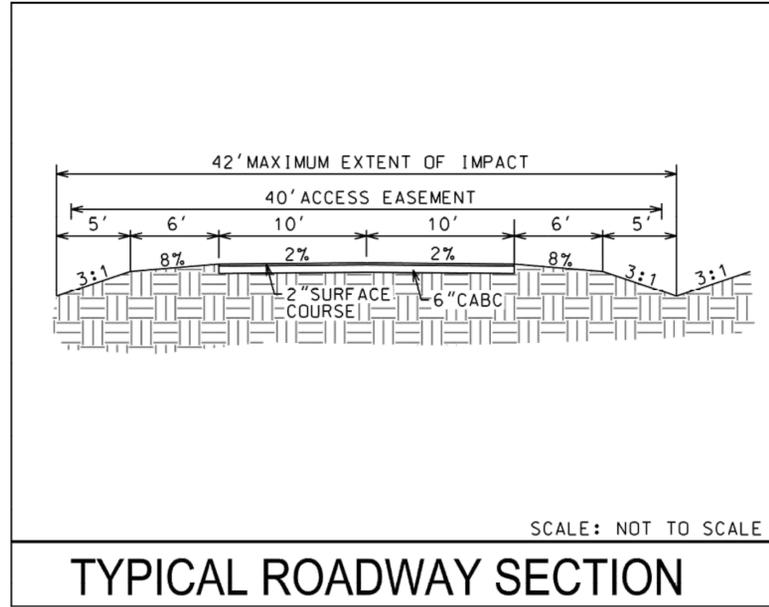
PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur.
(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit.
(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin.
(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above.
(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
(f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



REVISIONS

NO.	DATE	REVISION
1	08.21.2025	NCDOT COMMENT REVISION

PLAN INFORMATION

PROJECT NO.	NCF23002
FILENAME	NCF23002-SD1
CHECKED BY	EMD
DRAWN BY	MJC
SCALE	N/A
DATE	08.13.2025

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