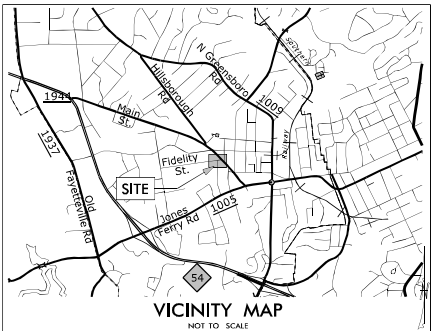


INDEX OF SHEETS

SHEET NUMBER	SHEET
1.00	Title Sheet
1.01	Symbology
2.01 - 2.02	General and Erosion Control Notes
3.01	Erosion Control Details
3.02 - 3.07	Site Details
3.08	Landscaping Details
3.09	Utility Details - Water
4.01	Existing Conditions Plan
4.02	Erosion Control C&G
4.03	Site Plan
4.04	Landscape Plan
4.05	Utility Plan



TOWN OF CARRBORO
PUBLIC WORKS
FIDELITY STREET
DRAINAGE
IMPROVEMENTS

LOCATION: TOWN OF CARRBORO FIDELITY STREET AND BIM STREET

TYPE OF WORK: DRAINAGE, BIORETENTION BASIN AND WATERLINE
RELOCATION

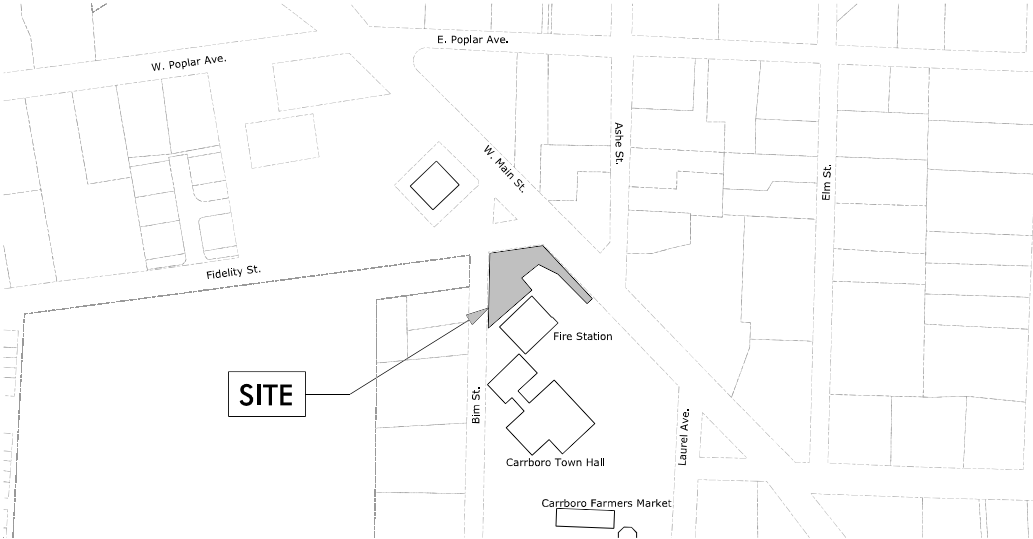
FINAL 100% PLANS 9/3/2025

CONSTRUCTION PLANS

DISTURBED AREA =
7,950 SQ. FT.

SITE DATA

PIN: 9778668579
Town of Carrboro
301 W. Main St.
Carrboro, NC 27510
Chief Potter
(919) 918-7359
wpotter@carrboronc.gov
Stormwater Inspections
(919) 918-2999
stormwater@carrboronc.gov
Site Address
301 W. Main St.
Carrboro, NC 27510
Project Area: 7,950 sq. ft.
Watershed: Cape Fear
Drainage Area: 17,000 sq. ft.



TOWN OF CARRBORO
APPROVED CONSTRUCTION PLANS

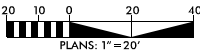
CARRBORO PUBLIC WORKS DEPARTMENT
DATE 9/3/2025

ENGINEER'S CERTIFICATION STATEMENT

I, JOSHUA G. DALTON, AS A DULY REGISTERED
PROFESSIONAL ENGINEER IN THE STATE OF NORTH CAROLINA,
HEREBY CERTIFY THAT THE STORMWATER CONTROL MEASURES
COMPLY WITH THE NCDEQ STORMWATER DESIGN MANUAL
MINIMUM DESIGN CRITERIA (MDC)
AND THE TOWN OF CARRBORO LAND USE ORDINANCE.

SIGNATURE

GRAPHIC SCALES



DESIGN DATA
NCDOT - JANUARY 2024
STANDARD SPECIFICATIONS

OWASA - MANUAL OF
SPECIFICATIONS, STANDARDS
AND DESIGN, JULY 2021

TOWN OF CARRBORO
STANDARDS

Prepared In the Office of:
SUNGATE DESIGN GROUP, P.A.

805 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL: (919) 888-7443
ENG FIRM LICENSE NO. C-480



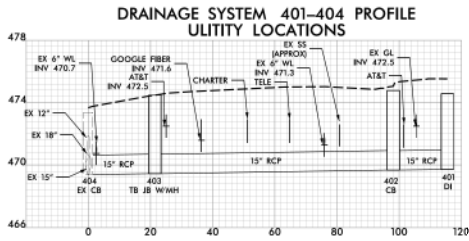
JOSHUA G. DALTON, P.E.
PROJECT ENGINEER
9/3/2025

SIGNATURE

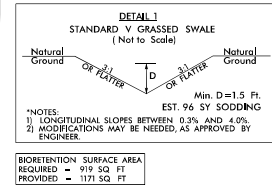
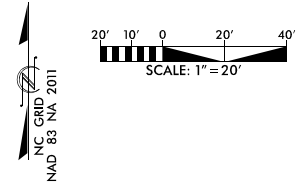
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

OWNER: TOWN OF CARRBORO
CONTACT: MICHAEL JOHNSON
PUBLIC WORKS DEPT.
CAPITAL PROJECTS MANAGER
(919) 918-7424
301 W. MAIN STREET
CARRBORO, NC 27510





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SUNGATE DESIGN GROUP, P.A.
400 JONES BRANCH ROAD
SUITE 200
FARMINGDALE, NY 11735
TEL: 609.896.2222
FAX: 609.896.2222
E-MAIL: SDC@SUNGATEDESIGN.COM



9/3/2025

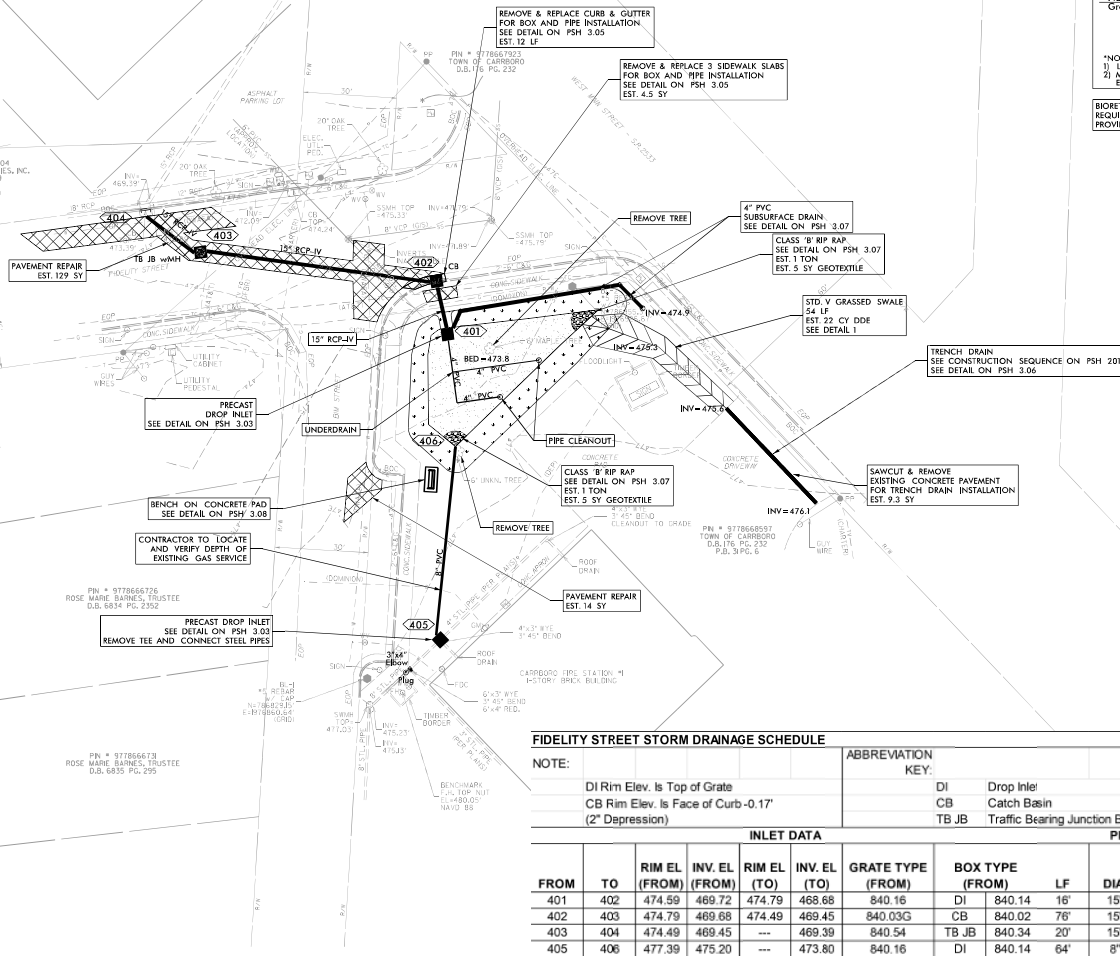
FIDELITY STREET DRAINAGE IMPROVEMENTS
OWNER: TOWN OF CARRBORO, NJ

SITE PLAN

PROJECT # : K083-2-2024
DRAWING NAME: PRESTATIONS/CM PSH 403
DATE: 9/3/2025
DRAWN BY: JPH
REVIEWED BY: JCD
REVISIONS:

SHEET NO.
4.03

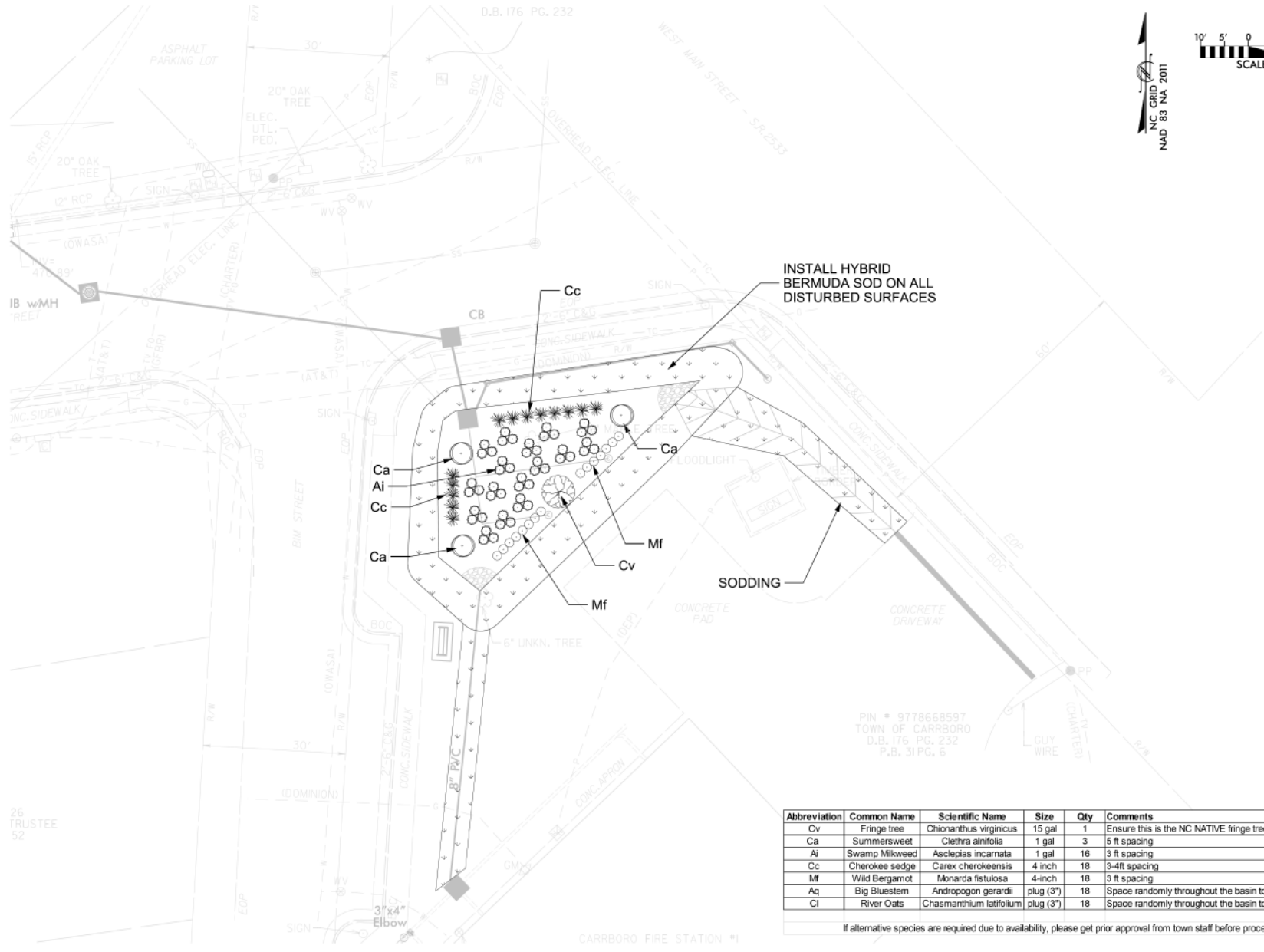
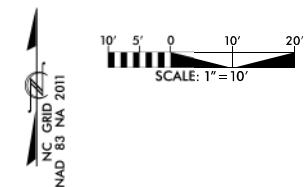
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FIDELITY STREET STORM DRAINAGE SCHEDULE

NOTE:				ABBREVIATION KEY:								
DI Rim Elev. Is Top of Grate				DI				Drop Inlet		RCP	Reinforced Concrete Pipe	
CB Rim Elev. Is Face of Curb -0.17'				CB				Catch Basin		MH	Manhole w/ Frame & Grate	
(2" Depression)				TB JB				Traffic Bearing Junction Box				
INLET DATA						PIPE DATA						
FROM	TO	RIM EL (FROM)	INV. EL (FROM)	RIM EL (TO)	INV. EL (TO)	GRATE TYPE (FROM)	BOX TYPE (FROM)	LF	DIA.	TYPE	SLOPE FT./FT.	NOTES:
401	402	474.59	469.72	474.79	468.68	840.16	DI	840.14	16"	15" RCP-IV	0.0031	Precast
402	403	474.79	469.68	474.49	469.45	840.03G	CB	840.02	76"	15" RCP-IV	0.0031	
403	404	474.49	469.45	---	469.39	840.54	TB JB	840.34	20"	15" RCP-IV	0.0031	
405	406	477.39	475.20	---	473.80	840.16	DI	840.14	64"	8" PVC	0.0217	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



Abbreviation	Common Name	Scientific Name	Size	Qty	Comments
Cv	Fringe tree	Chionanthus virginicus	15 gal	1	Ensure this is the NC NATIVE fringe tree
Ca	Summersweet	Clethra alnifolia	1 gal	3	5 ft spacing
Ai	Swamp Milkweed	Asclepias incarnata	1 gal	16	3 ft spacing
Cc	Cherokee sedge	Carex cherokeensis	4 inch	18	3-4ft spacing
Mf	Wild Bergamot	Monarda fistulosa	4-inch	18	3 ft spacing
Aq	Big Bluestem	Andropogon gerardii	plug (3")	18	Space randomly throughout the basin to fill in gaps.
Cl	River Oats	Chasmanthium latifolium	plug (3")	18	Space randomly throughout the basin to fill in gaps.

If alternative species are required due to availability, please get prior approval from town staff before proceeding.

SUNGATE DESIGN GROUP, P.A.
400 JONES FRANKLIN ROAD
SUITE 200
FARMINGTON, CT 06031
TEL: 860.634.2222 FAX: 860.634.2223
E-MAIL: INFO@SUNGATEDESIGN.COM



PROJECT: 1083-2-3024
DRAWING NAME: PRESTATIONS/CM PSH 404
DATE: 9/3/2025
DRAWN BY: JPH
REVIEWED BY: JCD
REVISIONS:
SHEET NO. 4.04

FIDELITY STREET DRAINAGE IMPROVEMENTS
OWNER: TOWN OF CARRBORO, NC
LANDSCAPE PLAN