# THE POINT GENOVESA DRIVE SIDEWALK EXTENSION

V1 - CID-23-03

ROLESVILLE, NORTH CAROLINA

# **CONSTRUCTION DRAWINGS**

PROJECT NUMBER: AWH-20000 DATE: APRIL 12, 2023

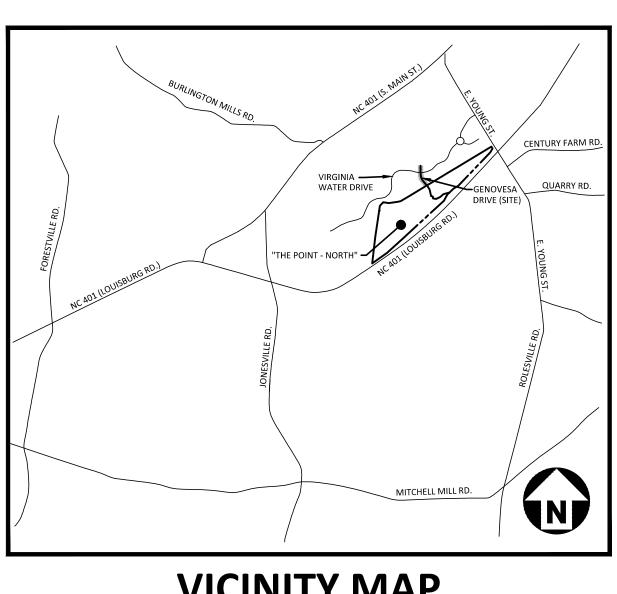
#### SHEET INDEX

C0.00 PROJECT NOTES

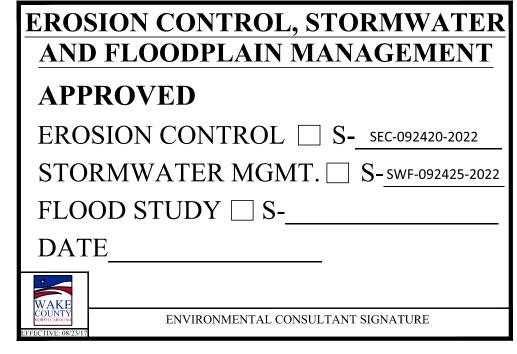
C1.01 EXISTING CONDITIONS

C2.01 SITE, UTILITY, GRADING AND EROSION CONTROL PLAN

C8.00 SITE AND EROSION CONTROL DETAILS



VICINITY MAP
N.T.S.







The John R. McAdams Company, In 2905 Meridian Parkway Durham, NC 27713

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license number: C-0293, C-187

#### CONTACT

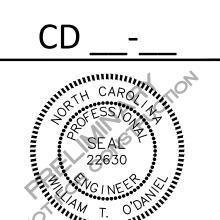
MIKE SANCHEZ sanchez@mcadamsco.com PHONE: 919. 361. 5000

#### **CLIENT**

ASHTON RALEIGH RESIDENTIAL, LLC 900 RIDGEFIELD DRIVE, SUITE 335 RALEIGH, NORTH CAROLINA 27609 PHONE: 919. 422. 7663 CONTACT: BOB MISHLER



#### PROJECT DIRECTORY



#### REVISIONS

NO. DATE

## CONSTRUCTION DRAWINGS FOR:

THE POINT
GENOVESA DRIVE
SIDEWALK EXTENSION
ROLESVILLE, NORTH CAROLINA
PROJECT NUMBER: AWH-20000

#### SITE PLAN NOTES

- 1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST TOWN OF ROLESVILLE AND/OR NCDOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
- 2. ALL DIMENSIONS SHOWN ON SITE PLAN ARE MEASURED TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 3. EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER, BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
- 4. THE CONTRACTOR SHALL NOTE THAT THE DRAWINGS MAY NOT SHOW EVERY OFFSET, TRANSITION, FITTING, ETC. THAT MAY BE REQUIRED. THE CONTRACTOR SHALL INSTALL SUCH STANDARD APPURTENANCES AS REQUIRED TO CLOSELY FOLLOW THE GRADES AND ALIGNMENTS DEPICTED ON THE PLANS.
- 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. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATIONS (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
- 7. 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 CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- 8. ALL SIDEWALKS THAT CONNECT TO THE PUBLIC RIGHT-OF-WAY 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).
- 9. EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO SUBSTITUTION OF ALTERNATE EQUIPMENT.
- 10. ALL SIGNAGE ASSOCIATED WITH THE PUBLIC STREET SYSTEM SHALL ADHERE TO MUTCD STANDARDS AND SPECIFICATIONS.

#### RETAINING WALL NOTES

No Retaining wall on these plans. Are these notes needed?

- 1. THE RETAINING WALL ALIGNMENT SHOWN ON THESE PLANS DEPICTS THE LOCATION OF THE FRONT FACE OF THE RETAINING WALL AT THE TOP OF THE WALL. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING RETAINING WALLS ARE NOT LOCATED IN ANY STREAM BUFFERS, AND THEIR CONSTRUCTION DOES NOT ENCROACH INTO ANY ADJACENT PROPERTIES DUE TO ANY BATTER INCORPORATED IN THE DESIGN OF THE WALLS.
- 2. RETAINING WALLS ARE TO BE DESIGN-BUILD PROJECTS BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FINAL CONSTRUCTION DRAWINGS FROM A REGISTERED ENGINEER AND GAIN ALL REQUIRED PERMITS NECESSARY FOR THE CONSTRUCTION OF THE RETAINING WALLS.
- 3. RETAINING WALLS SHALL BE ASSUMED TO BE BACKFILLED WITH OFF-SITE BORROW MATERIAL OR PROCESSED FILL, UNLESS THE CONTRACTOR CAN PROVIDE TO THE OWNER WITH CONFIRMATION FROM THE GEOTECHNICAL ENGINEER AND THE RETAINING WALL DESIGNER, THAT READILY AVAILABLE ON-SITE SOILS CAN BE USED.
- 4. THE TOP AND BOTTOM OF WALL ELEVATIONS SHOWN ON THESE PLANS IDENTIFY FINISHED GRADE ELEVATIONS ONLY. THE EXTENT THAT THE RETAINING WALL WILL BE EXTENDED BELOW GRADE TO THE FOOTING OR ABOVE GRADE TO THE TOP OF THE CAP BLOCK COURSE SHALL BE IDENTIFIED ON THE RETAINING WALL CONSTRUCTION DRAWINGS.
- 5. ALL RETAINING WALLS OVER 30" HIGH SHALL HAVE A SAFETY FENCE (DESIGN BY OTHERS).6. ANY TIEBACK SYSTEMS FOR THE RETAINING WALLS SHALL NOT BE ALLOWED WITHIN PUBLIC

#### GRADING NOTES

- 1. 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.
- 2. 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
- 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF ROLESVILLE AND/OR NCDOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. SOIL UNDER BUILDINGS, PAVED AREAS AND WITHIN SLOPES GREATER THAN 3:1 (H:V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.



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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# GENOVESA DRIVE SIDEWALK EXTENSION CONSTRUCTION DRAWINGS

CD



#### REVISIONS

NO DATE

#### PLAN INFORMATION

PROJECT NO. AWH-20000

FILENAME AWH20000-SIDEWALK-N1

CHECKED BY DRAWN BY

 SCALE
 N.T.S.

 DATE
 04. 12. 2023

PROJECT NOTES

C0.00

#### **GENERAL NOTES**

1. THIS IS A SURVEY OF AN EXISTING PARCEL OF LAND. THIS IS A

. FLOOD NOTE: THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY F.E.M.A F.I.R.M COMMUNITY PANEL #3720176800K DATED

- TOPOGRAPHIC SURVEY.

  2. BEARINGS FOR THIS SURVEY ARE BASED ON NC GRID NAD 83(2011) COORDINATES
- 3. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.
- . ZONING: RM-CZ PER WAKE COUNTY GIS. AREA BY COORDINATE GEOMETRY.
- 07/19/2022.

  7. REFERENCES: AS SHOWN

  8. <u>UTILITY STATEMENT</u>
  THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES

CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE

LEGEND

FOH

**(∑)** СМ

EXISTING IRON PIPE FIRE HYDRANT WATER METER

CL CATCH BASIN AT BC

ELECTRIC TRANSFORMER

IRRIGATION CONRTOL VALVE GAS SERVICE METER

WATER MANHOLE

WATER VALVE

ELECTRIC BOX LIGHT POLE CLEAN OUT

SEWER MANHOLE

GAS TEST STATION

TELEPHONE PEDESTAL FIBER OPTIC MARKER

FIBER OPTIC HANDHOLE

---- ADJOINER GIS LINE BY OTHERS

BOUNDARY LINE BY OTHERS

TELEPHONE BOX

SIGN

CEDAR

HOLLY

OAK

\_\_\_\_

CRAPE MYRTLE

--- ADJOINER LINE

----- ss ----- SEWER LINE

----- STORM LINE

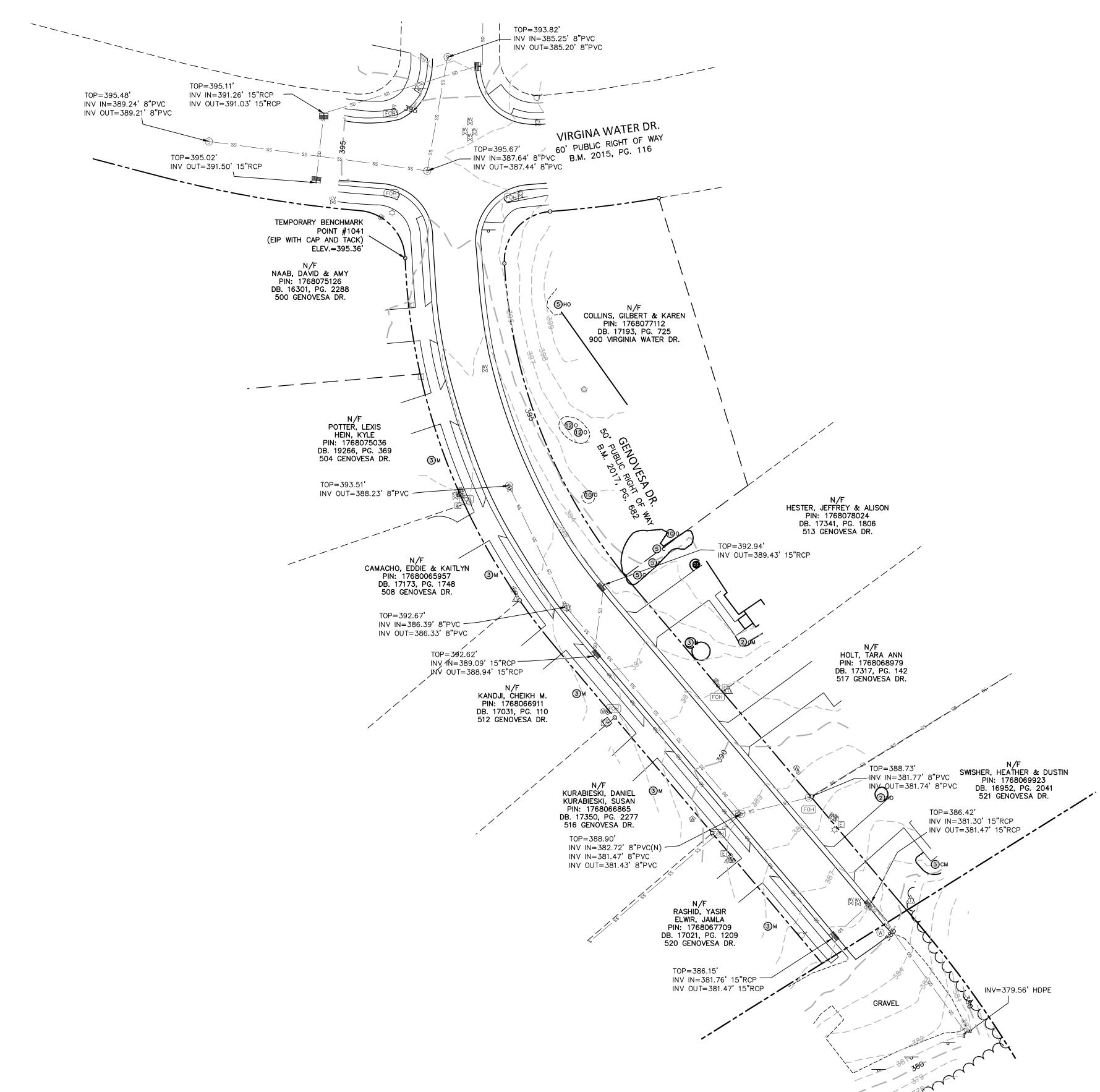
RIGHT OF WAY LINE

- FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

  THIS SURVEY PERFORMED AND MAP PREPARED WITHOUT BENEFIT OF A TITLE REPORT. THIS SURVEY SUBJECT TO ANY FACTS AND EASEMENTS WHICH MAY BE DISCLOSED BY A FULL AND
- ACCURATE TITLE SEARCH.

  10. ELEVATIONS FOR THIS SURVEY ARE BASED ON NAVD88







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#### **REVISIONS**

NO. DATE

#### PLAN INFORMATION

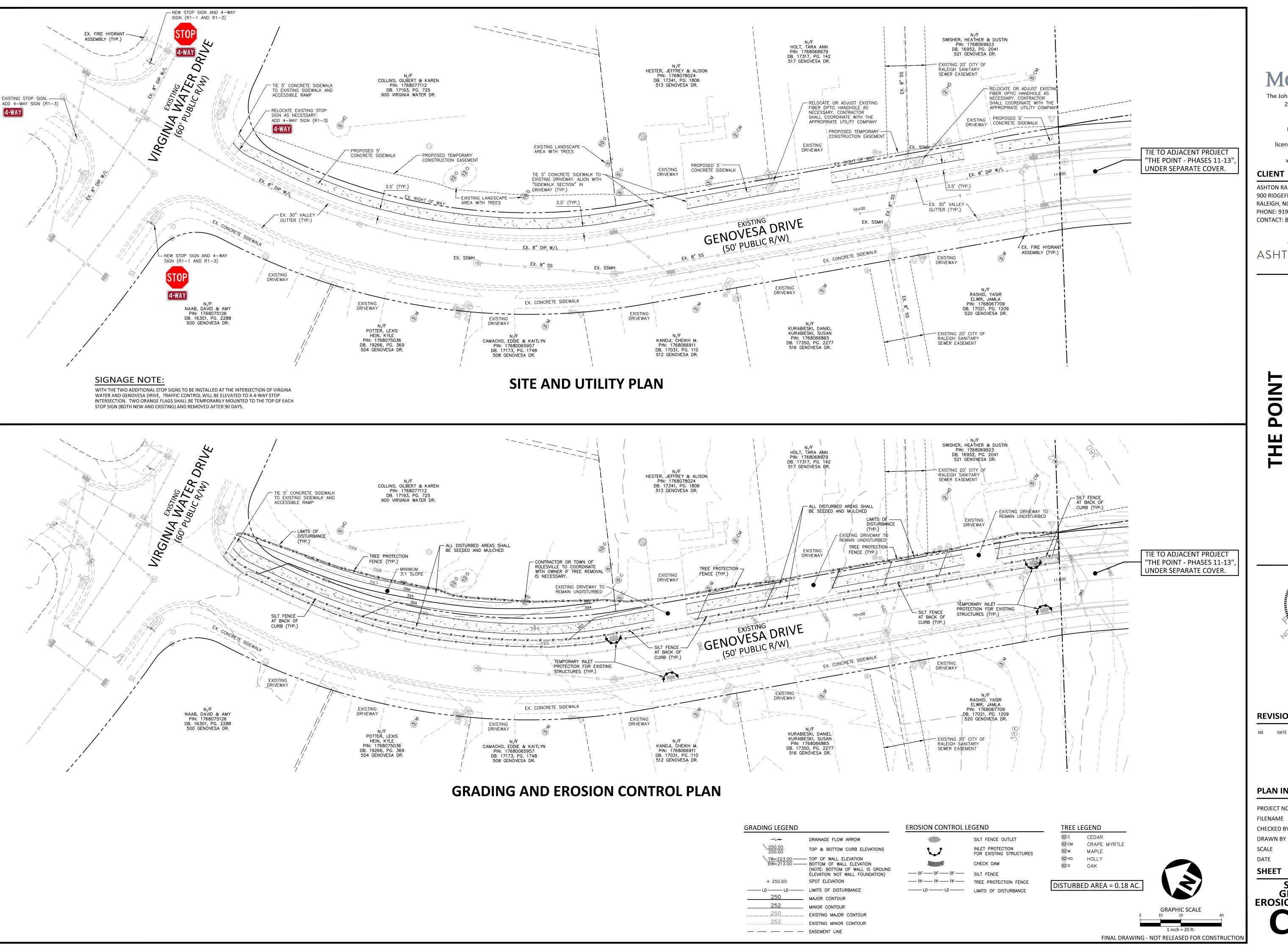
PROJECT NO. AWH-20000 FILENAME AWH20000-C1 CHECKED BY DRAWN BY SCALE 1"=30'

SHEET

DATE

**EXISTING CONDITIONS** 

04. 06. 2023





# **MCADAMS**

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# ASHTON WOODS,



#### **REVISIONS**

NO. DATE

#### **PLAN INFORMATION**

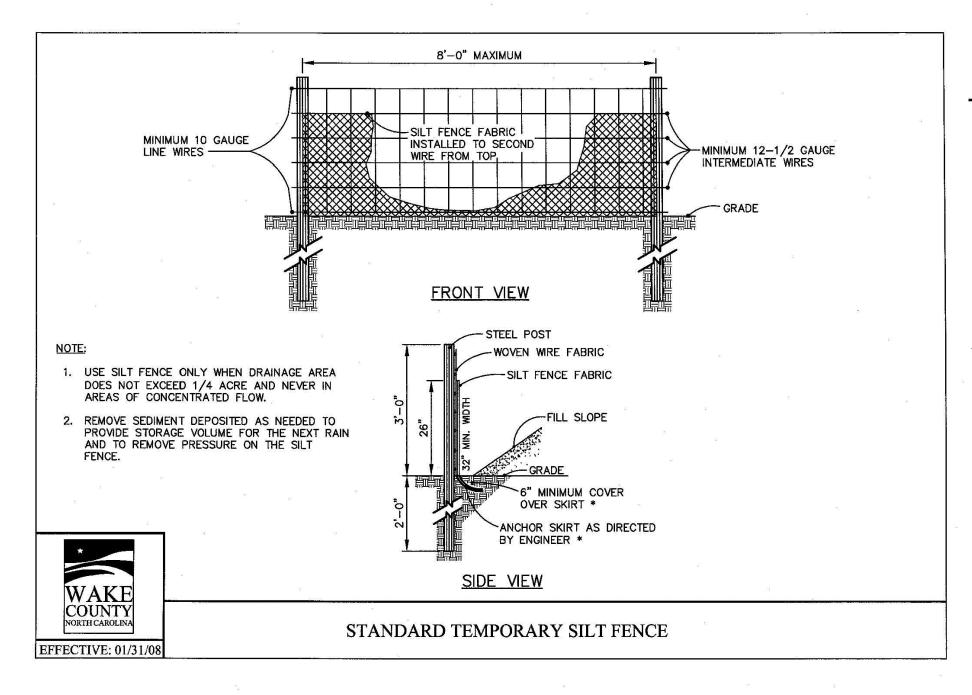
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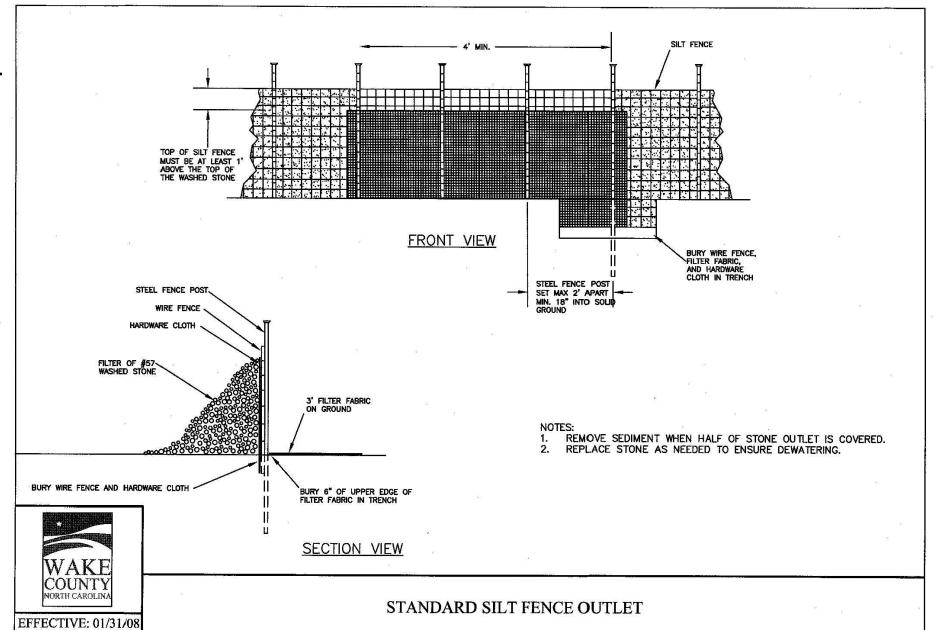
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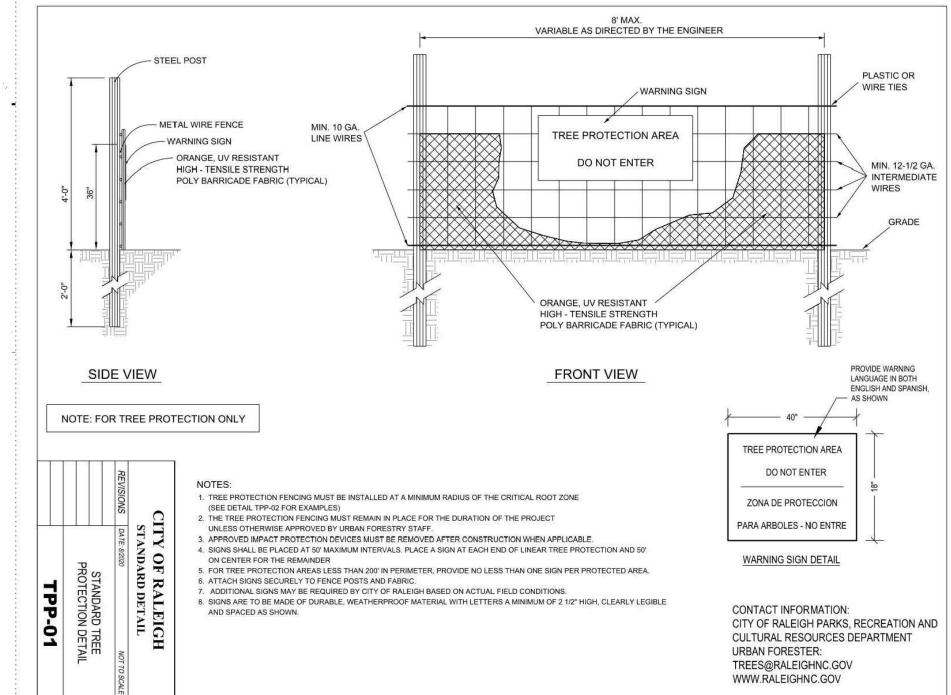
1"=20' 04. 12. 2023

SHEET

SITE, UTILITY,
GRADING, AND
EROSION CONTROL PLAN







#### SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE CARRIED OUT IMMEDIATELY BEHIND CONSTRUCTION IN ACCORDANCE WITH FOLLOWING SPECIFICATIONS.

SEEDING SPECIFICATIONS					
SHOULDER, SIDE DITCHES, SLOPES (MAX 3:1)					
SEEDING PERIOD	ТҮРЕ	APPLICATION RATE			
		PER ACRE	PER 1000 SF		
AUGUST 15 - NOVEMBER 1	TALL FESCUE	300#	7#		
NOVEMBER 1 - MARCH 1	TALL FESCUE AND	300#	7#		
	ABRUZZI RYE	25#	0.6#		
MARCH 1 - APRIL 15	TALL FESCUE	300#	7#		
APRIL 15 - JUNE 30	HULLED COMMON BERMUDAGRASS	25#	0.6#		
JULY 1 - AUGUST 15	TALL FESCUE AND	120#	2.8#		
	*BROWNTOP MILLET	35#	0.8#		
	*OR SORHGUM-SUDAN HYBRIDS	30#	0.7#		

SEEDING SPECIFICATIONS				
	SLOPES (3:1 TO 2:1)			
SEEDING PERIOD	TYPE	APPLICATION RATE		
		PER ACRE	PER 1000 SF	
MARCH 1 - JUNE 1	SERICEA LESPEDEZA (SCARIFIED)	50#	1.2#	
	AND			
MARCH 1 - APRIL 15	ADD TALL FESCUE	120#	2.8#	
MARCH 1 - JUNE 30	OR ADD WEEPING LOVE GRASS	10#	0.2#	
MARCH 1 - JUNE 30	OR ADD HULLED COMMON BERMUDAGRASS	25#	0.6#	
JUNE 1 - SEPTEMBER 1	*TALL FESCUE AND	120#	2.8#	
	*OR BROWNTOP MILLET	35#	0.8#	
	*OR SORGHUM-SUDAN HYBRIDS	30#	0.7#	
SEPTEMBER 1 - MARCH 1	SERICEA LESPEDEZA (UNHULLED, UNSCARIFIED)	70#	1.6#	
	AND TALL FESCUE	120#	2.8#	
NOVEMBER 1 - MARCH 1	ADD ABRUZZI RYE	25#	0.6#	

\*TEMPORARY - RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW TO MORE THAN 12 INCHES HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

CONSULT WAKE SOIL AND WATER CONSERVATION DISTRICT OR NORTH CAROLINA DIVISION OF SOIL AND WATER CONSERVATION FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES

#### SEEDBED PREPARATION

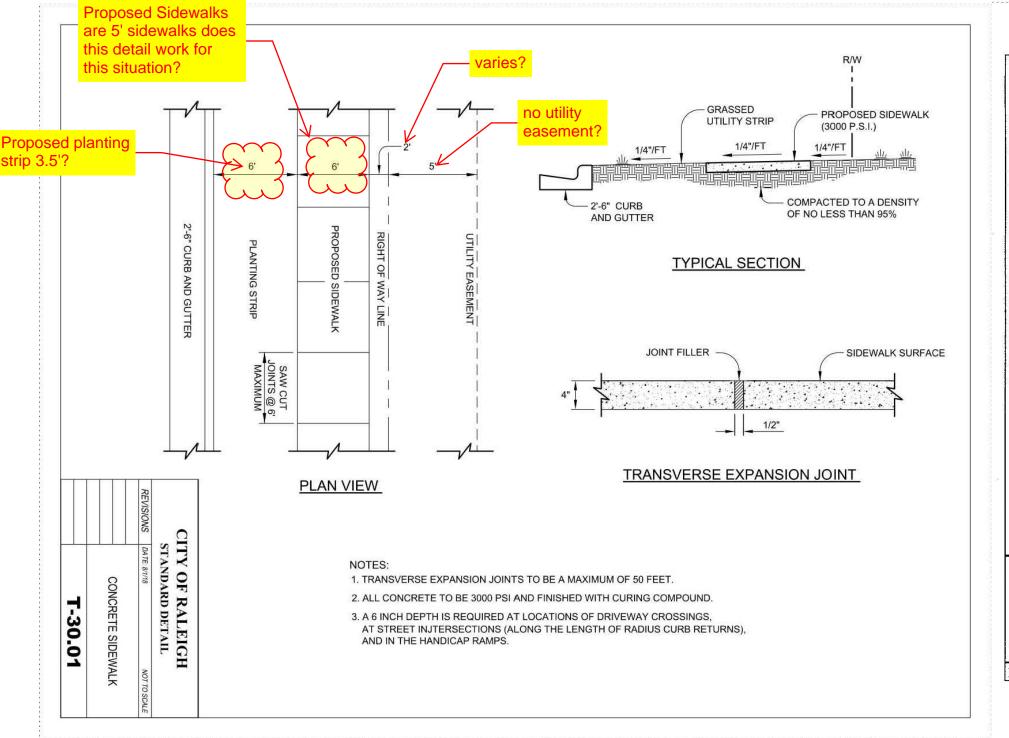
CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.

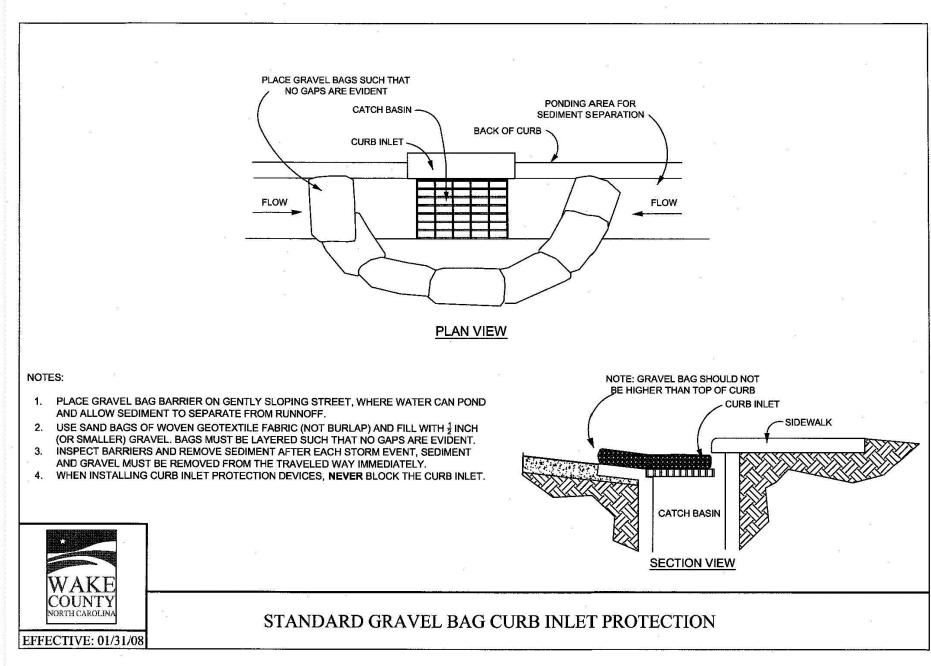
ARE THOSE THAT DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

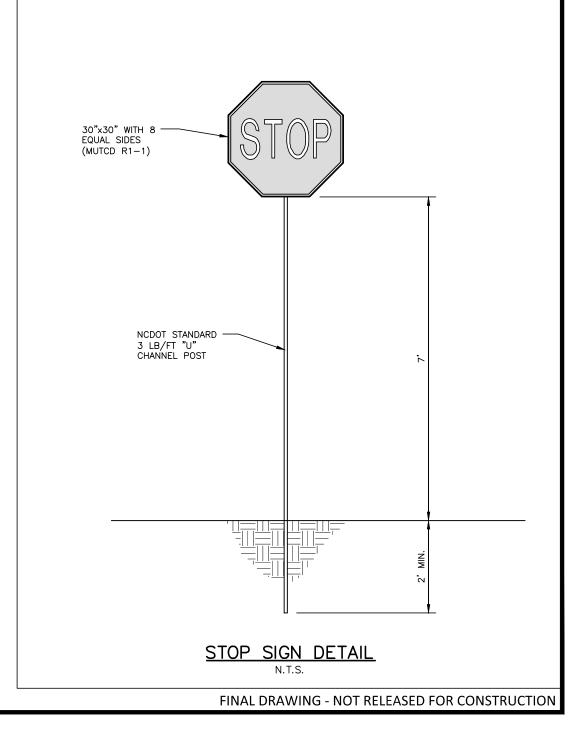
- 2. RIP THE ENTIRE AREA TO 6-INCH DEPTH.
- 3. REMOVE ALL LOOSE ROCK, ROOTS AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLE SMOOTH AND UNIFORM.
- 4. APPLY AGRICULTURAL LIME, FERTILIZER AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW).
- CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLE UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
   SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
- 7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
- 8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60 PERCENT DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- 9. CONSULT WAKE SOIL AND WATER CONSERVATION DISTRICT ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.
- APPLY: AGRICULTURAL LIMESTONE FERTILIZER

FERTILIZER
SUPERPHOSPHATE
MULCH
ANCHOR

- 2 TONS/ACRE (3/TONS/ACRES IN CLAY SOILS) - 1000 LB/ACRE -10-10-10 - 500 LB/ACRE - 20 PERCENT ANALYSIS - 2 TONS/ACRE - SMALL GRAIN STRAW - ASPHALT EMULSION @ 300 GALS/ACRE









# McAdams

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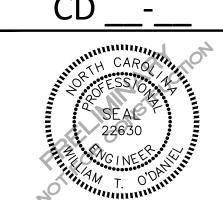
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### INT DRIVE TENSION DRAWINGS FOREST TOWNSHIP,

GENOVESA DI SIDEWALK EXTE CONSTRUCTION DRA

CD



#### REVISIONS

NO. DATE

#### PLAN INFORMATION

PROJECT NO. AWH-20000

FILENAME AWH20000-SIDEWALK-D1

CHECKED BY
DRAWN BY

 SCALE
 N.T.S.

 DATE
 04. 12. 2023

 SHEET

SITE AND EROSION CONTROL DETAILS

C8.00