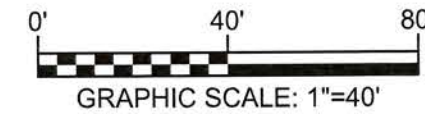


2978 CAROLYN DR
 PIPE REPLACEMENT
 PROJECT: PDAP-009
 CONTRACT: SD-2013-01

STORMWATER & GIS SERVICES DIVISION
 PUBLIC WORKS DEPARTMENT
 CITY OF DURHAM, NORTH CAROLINA
 ISSUED : SEPTEMBER 22, 2016
 REVISED : N/A



PROPERTY 1,
 2978 CAROLYN DR,
 MACON AND LEAH FLEMING
 PIN 0841-19-50-0350
 DB 5153/218, PB 45/67
 CONTACT NO.: 919-740-8802
 SERVICE REQUEST NO. N/A

PROPOSED STRUCTURE DATA TABLE:

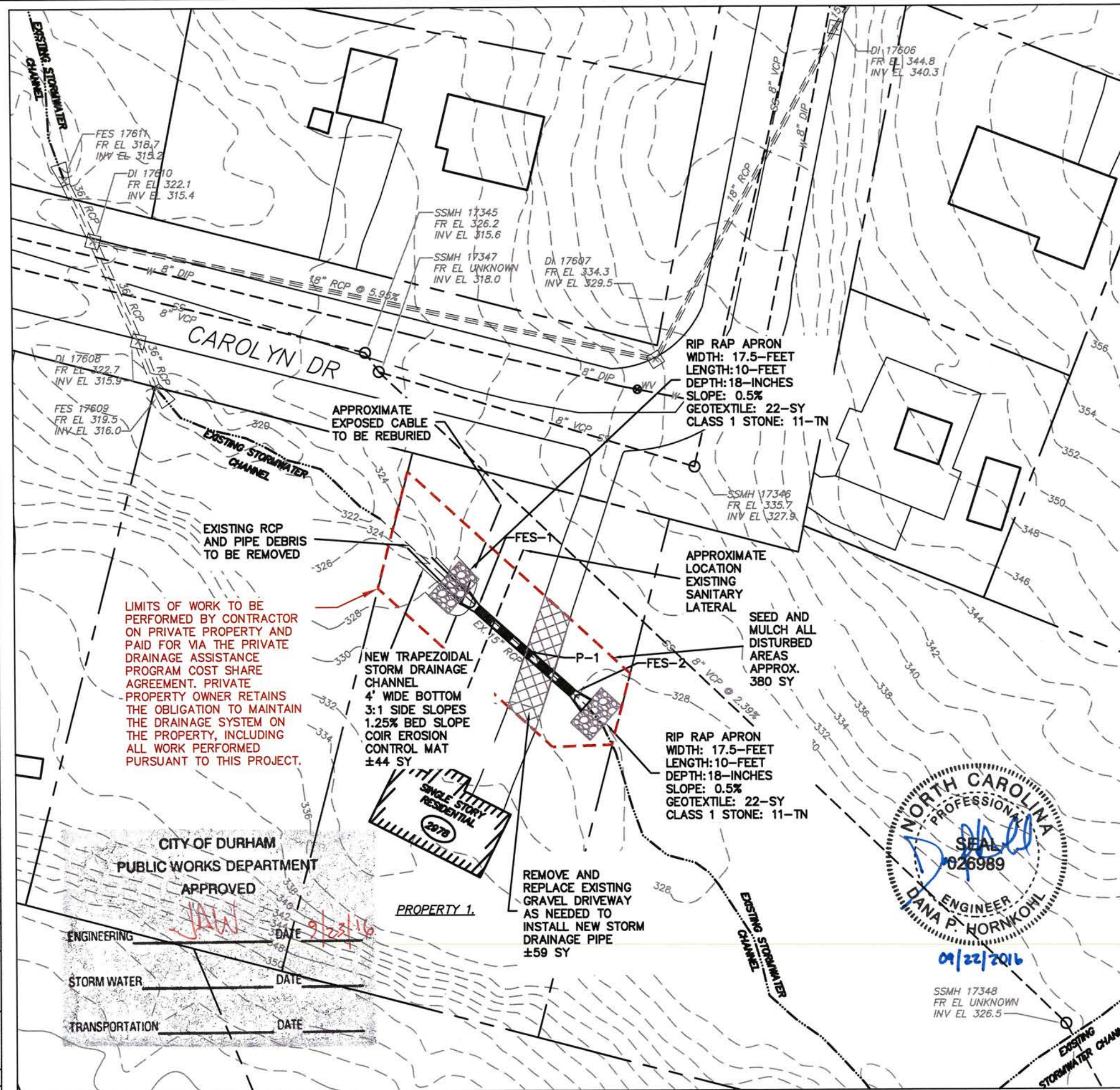
| STRUCTURE | TYPE | RIM ELEVATION | INVERT IN | INVERT OUT | DEPTH (FT) | NCDOT STANDARD |
|-----------|--------------------|---------------|-----------|------------|------------|----------------|
| FES-1 | FLARED END SECTION | ±327.9 | NA | ±325.8 | NA | 310.05 |
| FES-2 | FLARED END SECTION | ±328.9 | ±326.0 | NA | NA | 310.05 |

PROPOSED PIPE DATA TABLE:

| PIPE | LENGTH | INVERT UPSTREAM | INVERT DOWNSTREAM | SLOPE(%) | MATERIAL (CLASS) | DIAMETER | COMMENT |
|-------------|--------|-----------------|-------------------|----------|------------------|----------|---------|
| P-1 (83111) | ±48 | ±326.0 | ±325.0 | 2.1% | RCP (III) | 30" | NA |

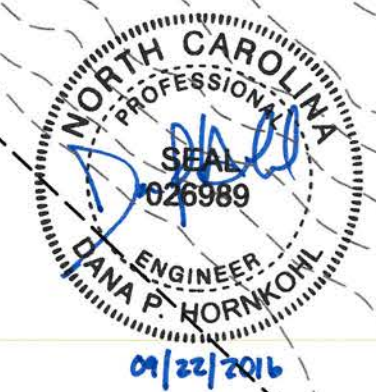
STANDARD NOTES:

- ALL WORK TO BE COMPLETED WITHIN THE LIMITS OF CONSTRUCTION.
- NO PORTION OF THE PROJECT SITE SHOWN HERE LIES WITHIN A FEMA SFHA AS DETERMINED FROM FEMA FIRM 3720084100 J, EFFECTIVE DATE: 05/02/06.
- DETERMINE ACTUAL LENGTHS, BEND ANGLES, SIZES, ETC. PRIOR TO ORDERING ANY MATERIALS.
- AS PER ARTICLE 3 OF CHAPTER 87 OF THE NORTH CAROLINA GENERAL STATUTES, UTILITIES SHALL BE NOTIFIED FOR THE PURPOSE OF LOCATING THEIR RESPECTIVE UNDERGROUND UTILITIES THROUGH THE ASSOCIATION KNOWN AS NORTH CAROLINA ONE-CALL CENTER, PHONE: (800) 632-4949 OR 811, WEB SITE: <http://nc811.org/homepage.htm>.
- ALL WORK SHALL CONFORM TO FOLLOWING CITY OF DURHAM PUBLIC WORKS DEPARTMENT STANDARDS. ALL DOCUMENTS MAY BE DOWNLOADED AT: <http://durhamnc.gov/eh/ep/eng/eng/Pages/ConsSpecs.aspx>.
 - REFERENCE GUIDE FOR DEVELOPMENT
 - WATER AND SEWER SPECIFICATIONS
 - STREET SPECIFICATIONS
 - STANDARD DETAILS
- ALL WORK SHALL CONFORM TO THE NCDOT STANDARD SPECIFICATIONS (CURRENT VERSION) AND APPLICABLE REVISIONS. THE NCDOT STANDARD SPECIFICATIONS MAY BE DOWNLOADED AT: http://www.ncdot.gov/DOH/PRECONSTRUCT/ps/specifications/specifications_provisions.html.
- ALL WORK SHALL CONFORM TO THE NCDOT STANDARD DRAWINGS (CURRENT VERSION) AND APPLICABLE REVISIONS. THE NCDOT STANDARD DRAWINGS MAY BE DOWNLOADED AT: http://www.ncdot.gov/DOH/PRECONSTRUCT/ps/std_drawing/default.html.
- ALL WORK SHALL CONFORM TO THE NCDENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (CURRENT VERSION). THE NCDENR MANUAL MAY BE DOWNLOADED AT: <http://portal.ncdenr.org/web/ir/publications>.
- IN THE EVENT OF CONFLICTING STANDARDS OR DETAILS, CONTRACTOR SHALL INFORM THE ENGINEER FOR DIRECTION.
- SCHEMATIC BASE MAP INFORMATION IS FROM THE CITY OF DURHAM GEOGRAPHIC INFORMATION SYSTEMS DATABASE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK ON ANY PROJECT SITE. CONTRACTOR SHALL INFORM THE RESIDENT PROJECT REPRESENTATIVE OF ANY DISCREPANCY BETWEEN EXISTING CONDITIONS AND THESE DRAWINGS WHERE IT IS ANTICIPATED TO AFFECT THE WORK.



LIMITS OF WORK TO BE PERFORMED BY CONTRACTOR ON PRIVATE PROPERTY AND PAID FOR VIA THE PRIVATE DRAINAGE ASSISTANCE PROGRAM COST SHARE AGREEMENT. PRIVATE PROPERTY OWNER RETAINS THE OBLIGATION TO MAINTAIN THE DRAINAGE SYSTEM ON THE PROPERTY, INCLUDING ALL WORK PERFORMED PURSUANT TO THIS PROJECT.

CITY OF DURHAM
 PUBLIC WORKS DEPARTMENT
 APPROVED
 ENGINEERING
 STORM WATER
 TRANSPORTATION



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