DocuSign Envelope ID: F0BCFEC6-DAF1-4C8F-BC49-56FA28C4E690

PROJECT REFERENCE NO.	SHEET NO.
U-5888	UC-8
DESIGNED BY: SS	
DRAWN BY: SS	
CHECKED BY: MVZ	
APPROVED BY: MVZ	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX:(919)250-4151	UTILITY CONSTRUCTION PLANS ONLY

SEAL 10773 NORTH CAROLINA PROFESSIONAL ENGINEER EDWARD G. WETHERELL 11/10/2021

SCALE: 1"=20'

FINAL DESIGN
RELEASE FOR CONSTRUCTION

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NA 2011

BEGIN CONSTRUCTION -Y6- STA. 10+50.00

BEGIN CONSTRUCTION -Y5- STA. 10+00.00

MATCHLINE -Y6- STA. 11+00 SEE UC-6

MATCHLINE -Y5- STA. 14+00 SEE UC-6

EXISTING UTILITY MANHOLE #16 - STA 10+33.8 TOP=2616.02'+/- INV IN/OUT=2609.12'

RELOCATE EXISTING WATERLINES 18" UNDER NEW STORM SEWER

89.02°ENGINEER ATTEMPTED TO MAKE 90°PER CODE, BUT EXISITNG LINES ARE NOT PARALLEL.

TIE TO EXISTING 2" WATER

REMOVE EXISTING MH & 2 PIPE SEGMENTS ONCE BY-PASS LINE IS INSTALLED AND ACCEPTED.

-WL2- 357 LF 2" 2" CLASS 200 POLYETHYLENE WATER LINE

PROPOSED 33.8LF 18" CLASS 51 R.J. DIP @ 2.07% (CERAMIC EPOXY LINED)

5' DIA UTILITY DOGHOUSE MANHOLE #15 - STA 10+00 TOP=2611.68'+/- INV IN/OUT=2608.42'(FROM EXIST) INV IN=2608.42'+/-

-SS5- 18" SANITARY SEWER LINE

REMOVE 18" CLAY SEWER

CAP EXISTING

EXISTING UTILITY MANHOLE #14 - STA 10+39 TOP=2616.76' INV IN=2609.36(FROM DH-MH14)

PROPOSED 39LF 18" SDR 35 PVC @ 0.28%

-SS4- 18" SANITARY SEWER LINE

5' DIA UTILITY DOGHOUSE MANHOLE #13 - STA 10+00 TOP=2616.62' INV IN=2609.47'(FROM EXIST) INV OUT=2609.47'

SDMH TOP=2626.46' INV IN(SE)=2622.16' INV IN(NE)=2621.57' INV OUT(NW)=2618.28'

SSMH(ABAND) TOP=2617.47' INV IN(NE)=2609.14' INV OUT(SW)=2609.10'

SSMH TOP=2613.43' INV IN(SW)=2607.20' INV OUT(NE)=2607.12'

SSMH(ABAND) TOP=2616.02' INV IN(NE)=2609.40' INV OUT(SW)=2609.12'

SSMH TOP=2616.76' INV IN(SW)=2609.36' INV IN(SE)=2608.94'

SSMH TOP=2616.99'

12" CMP

S 27°23'01.8"W

12" CMP

12" HDPE

18" CLAY

18" DIP

24" RCP-IV

15" RCP-IV

UNKNOWN SIZE AND MATERIAL

ABANDONED STREET

18' BST

6" BST

INVERT=2610.80

TOP=2615.72 INVERT=2611.52

TOP=2615.68 INVERT=2611.62

TOP=2617.13 INVERT=2612.20

TOP=2616.89 INVERT=2612.09

TOP=2616.55 INVERT=2612.59

TOP=2616.28 INVERT=2613.28

TOP=2617.67 INVERT (IN)=2616.01 INVERT (OUT)=2614.02

TOP=2615.60 INVERT(15")=2613.26 INVERT(18")=2613.08

TOP=2618.95 INVERT=2612.75

INV=2612.04

INV=2612.04

INV=2612.04