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

PROJECT REFERENCE NO.	SHEET NO.
U-5888	UC-6
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

Edward G. Wetzel NORTH CAROLINA PROFESSIONAL SEAL 10773 ENGINEER EDWARD G. WETZEL 11/10/2021

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

20' 0' 20' 40' 60'
SCALE: 1"=20'

FINAL DESIGN
RELEASE FOR CONSTRUCTION

NAD 83/NVA 2011

MATCHLINE -Y5- STA. 14+00 SEE SHEET UC-8

MATCHLINE -Y6- STA. 11+00 SEE SHEET UC-8

MATCHLINE -L2- STA. 18+80 SEE SHEET UC-7

MATCHLINE -L1- STA. 14+80 SEE SHEET UC-5

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

4' DIA UTILITY DOGHOUSE MANHOLE #1 STA 10+00
TOP=2618.13'+/-
INV IN=2611.29(FROM SSMH2)
INV IN/OUT=2611.29' (FROM EXIST)

HORIZONTAL BENDS AS REQUIRED

TIE TO EXISTING 6" CAST IRON WATER LINE WITH 6X6 TAPPING SLEEVE & VALVE, 6" GATE VALVE AND 10X6 REDUCER.

PROPOSED 86.5LF 8" CLASS 51 R.J. DIP @ 0.82% (CERAMIC EPOXY LINED)

CONTRACTOR TO INSTALL HORIZONTAL BENDS AS REQUIRED.

4' DIA UTILITY MANHOLE #2 STA 10+86.5
TOP=2623.97'+/-
INV IN=2613.55'(FROM SSMH3)
INV OUT=2612.00' (TO DH-MH1)

4' DIA UTILITY DOGHOUSE MANHOLE #6 STA 10+00
TOP=2623.98'+/-
INV IN= 2612.93' (FROM SSMH7)

PROPOSED 161.7LF 8" CLASS 51 R.J. DIP @ 1.48% (CERAMIC EPOXY LINED)

-SS2- 8" GRAVITY SANITARY SEWER

-WL1- 959 LF 10" WATER LINE

-SS1- 8" GRAVITY SANITARY SEWER

4' DIA UTILITY MANHOLE #3 STA 12+77.40
TOP=2631.83'+/-
INV IN=2619.50'(FROM SSMH4)
INV OUT=2619.30' (TO SSMH2)

PROPOSED 190.9LF 8" PVC SDR 35 @ 3.01%

PROPOSED 371.7LF 8" SDR 35 PVC @ 3.18%

4' DIA UTILITY MANHOLE #12 STA 13+58.5
TOP=2629.66'+/-
INV IN=2626.51'(FROM EXIST)
INV OUT=2626.46' (TO SSMH8)

-WL3- 142 LF 10" CLASS R.J. 51 DIP

-SS3- 8" GRAVITY SANITARY SEWER

PROPOSED 154LF 8" CL 51 DIP @ 4.71%

BEGIN CONSTRUCTION -Y3- STA. 11+50.00

END CULVERT -Y4- STA. 15+11.90
BEGIN CULVERT -Y4- STA. 14+86.10

BEGIN CONSTRUCTION -Y4- STA. 14+00.00

DROP CURB TYPE DRIVEWAY THIS CORNER, SEE STD. 848.03

11/10/2021
U-5888_UC6_psh.dgn