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PROJECT REFERENCE NO.	SHEET NO.
R-5797	UC-7

UTILITY CONSTRUCTION PLANS

DESIGNED BY: SLK
DRAWN BY: SLK
CHECKED BY: DBC
APPROVED BY: DBC
REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE:(919)707-6690
FAX:(919)250-4151

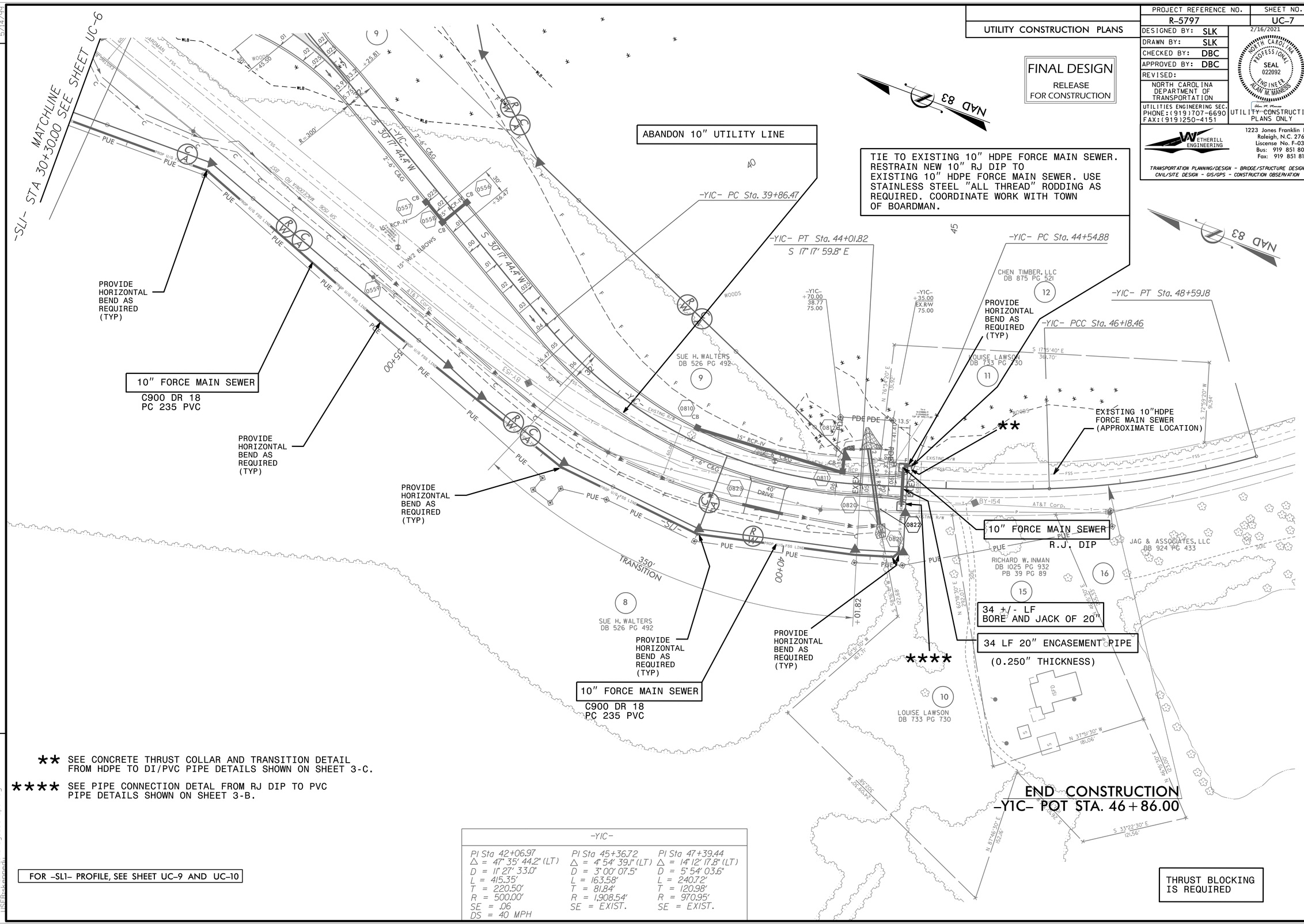
2/16/2021
NORTH CAROLINA PROFESSIONAL SEAL 022092 ENGINEER ALAN M. MANNING
UTILITY CONSTRUCTION PLANS ONLY

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Liscense No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

FINAL DESIGN
RELEASE
FOR CONSTRUCTION

NAD 83



** SEE CONCRETE THRUST COLLAR AND TRANSITION DETAIL FROM HDPE TO DI/PVC PIPE DETAILS SHOWN ON SHEET 3-C.

**** SEE PIPE CONNECTION DETAL FROM RJ DIP TO PVC PIPE DETAILS SHOWN ON SHEET 3-B.

FOR -SL1- PROFILE, SEE SHEET UC-9 AND UC-10

-Y1C-		
PI Sta 42+06.97	PI Sta 45+36.72	PI Sta 47+39.44
Δ = 47° 35' 44.2" (LT)	Δ = 4° 54' 39.1" (LT)	Δ = 14° 12' 17.8" (LT)
D = 11° 27' 33.0"	D = 3° 00' 07.5"	D = 5° 54' 03.6"
L = 415.35'	L = 163.58'	L = 240.72'
T = 220.50'	T = 81.84'	T = 120.98'
R = 500.00'	R = 1,908.54'	R = 970.95'
SE = .06	SE = EXIST.	SE = EXIST.
DS = 40 MPH		

THRUST BLOCKING IS REQUIRED

REVISIONS

5/14/99

2/15/2021
USER: slk
FILE: r-5797_ut_rdy8_UC7_psh.dgn