
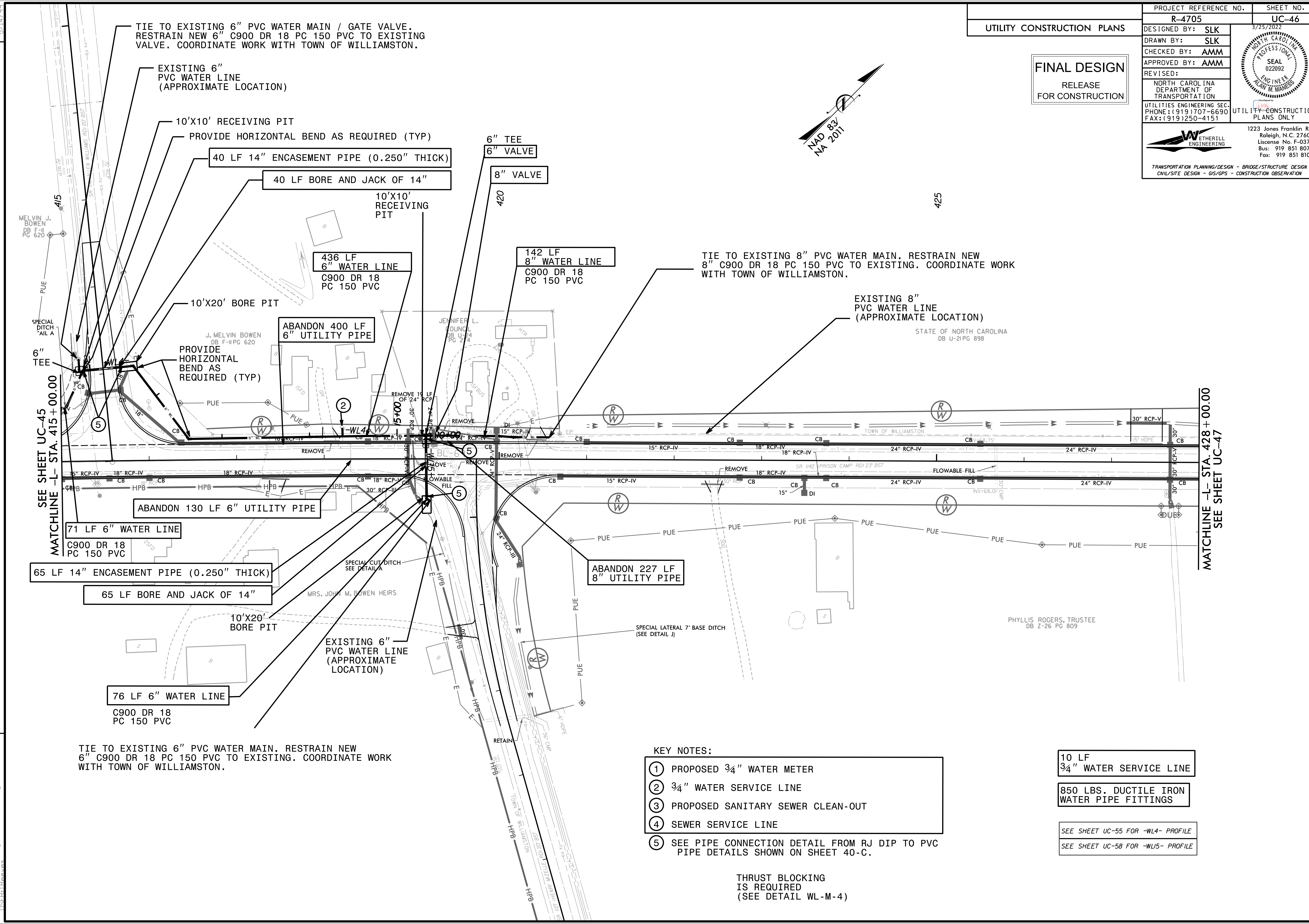


UTILITY CONSTRUCTION PLANS	PROJECT REFERENCE NO.	SHEET NO.
	R-4705	UC-46
DESIGNED BY: SLK	3/25/2022	
DRAWN BY: SLK	NORTH CAROLINA PROFESSIONAL SEAL 022092	
CHECKED BY: AMM	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
APPROVED BY: AMM	UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
REVISED:	UTILITY CONSTRUCTION PLANS ONLY	
 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License 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



TIE TO EXISTING 6" PVC WATER MAIN / GATE VALVE. RESTRAIN NEW 6" C900 DR 18 PC 150 PVC TO EXISTING VALVE. COORDINATE WORK WITH TOWN OF WILLIAMSTON.

EXISTING 6" PVC WATER LINE (APPROXIMATE LOCATION)

10'X10' RECEIVING PIT
PROVIDE HORIZONTAL BEND AS REQUIRED (TYP)

40 LF 14" ENCASUREMENT PIPE (0.250" THICK)
40 LF BORE AND JACK OF 14"

10'X10' RECEIVING PIT

436 LF 6" WATER LINE
C900 DR 18 PC 150 PVC

142 LF 8" WATER LINE
C900 DR 18 PC 150 PVC

TIE TO EXISTING 8" PVC WATER MAIN. RESTRAIN NEW 8" C900 DR 18 PC 150 PVC TO EXISTING. COORDINATE WORK WITH TOWN OF WILLIAMSTON.

EXISTING 8" PVC WATER LINE (APPROXIMATE LOCATION)

STATE OF NORTH CAROLINA
DB U-21PG 898

10'X20' BORE PIT
PROVIDE HORIZONTAL BEND AS REQUIRED (TYP)

ABANDON 400 LF 6" UTILITY PIPE

ABANDON 130 LF 6" UTILITY PIPE

71 LF 6" WATER LINE
C900 DR 18 PC 150 PVC

65 LF 14" ENCASUREMENT PIPE (0.250" THICK)
65 LF BORE AND JACK OF 14"

10'X20' BORE PIT

ABANDON 227 LF 8" UTILITY PIPE

76 LF 6" WATER LINE
C900 DR 18 PC 150 PVC

EXISTING 6" PVC WATER LINE (APPROXIMATE LOCATION)

TIE TO EXISTING 6" PVC WATER MAIN. RESTRAIN NEW 6" C900 DR 18 PC 150 PVC TO EXISTING. COORDINATE WORK WITH TOWN OF WILLIAMSTON.

- KEY NOTES:**
- ① PROPOSED 3/4" WATER METER
 - ② 3/4" WATER SERVICE LINE
 - ③ PROPOSED SANITARY SEWER CLEAN-OUT
 - ④ SEWER SERVICE LINE
 - ⑤ SEE PIPE CONNECTION DETAIL FROM RJ DIP TO PVC PIPE DETAILS SHOWN ON SHEET 40-C.

10 LF
3/4" WATER SERVICE LINE

850 LBS. DUCTILE IRON WATER PIPE FITTINGS

SEE SHEET UC-55 FOR -WL4- PROFILE

SEE SHEET UC-58 FOR -WL5- PROFILE

THRUST BLOCKING IS REQUIRED (SEE DETAIL WL-M-4)

REVISIONS

5/14/2022
3/25/2022
UC16.psh.dgn
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