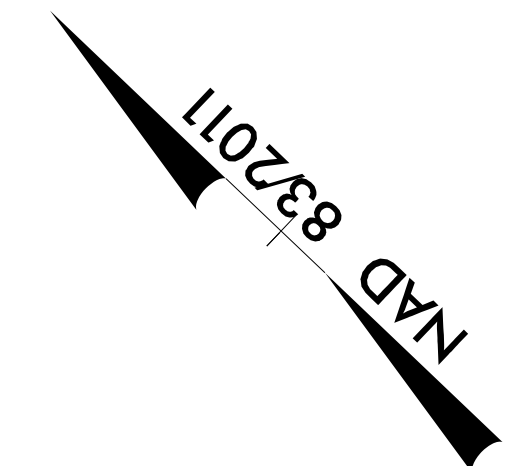


Prepared in the Office of:  
**AECOM**  
AECOM TECHNICAL SERVICES OF NORTH CAROLINA, INC.  
1600 Perimeter Park Drive, Morrisville, NC 27560  
919-461-1100 919-461-1415 (fax)  
F - 0342

PROJECT REFERENCE NO.	U-5824	SHEET NO.	UC-7
DESIGNED BY:	FR		
DRAWN BY:	FR/RR		
CHECKED BY:	SS		
APPROVED BY:	JT		
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		10/4/2023 11:12:06 PM EDT UTILITY CONSTRUCTION PLANS ONLY	

### UTILITY CONSTRUCTION



**A**  
PROP.  
2 - SANITARY SEWER CLEANOUT  
2 - 90 LF - 4" SEWER SERVICE LINE

**B**  
PROP.  
3 EA - ABANDON UTILITY MANHOLE

PROP.  
1 - FIRE HYDRANT  
1 - 6" VALVE  
7 LF - FIRE HYDRANT LEG

1 - 8" X 6" TEE W/THRUST BLOCK

PROP.  
1 - 8" VALVE

PROP.  
1 - 6" X 22.5 DEGREE BEND, RJ

PROP.  
1 - 6" X 11.25 DEGREE BEND, RJ

PROP.  
1 - 6" X 22.5 DEGREE BEND, RJ

PROP.  
1305 LF - 8" WATER LINE

DIP LINE WL1

PROP.  
1300 LF - ABANDON 6" UTILITY PIPE

PROP.  
2 - RELOCATE WATER METER  
10 LF - WATER SERVICE LINE

PROP.  
1 - 8" X 6" TEE, RJ

PROP.  
10' X 10' EXIT PIT

PROP.  
1 - FIRE HYDRANT  
1 - 6" VALVE  
7 LF - FIRE HYDRANT LEG

1 - 8" X 6" TEE W/THRUST BLOCK

PROP.  
1 - RELOCATE WATER METER  
14 LF - WATER SERVICE LINE

PROP.  
1 - FIRE HYDRANT  
1 - 6" VALVE  
7 LF - FIRE HYDRANT LEG

1 - 8" X 6" TEE W/THRUST BLOCK

PROP.  
1 - RELOCATE WATER METER  
7 LF - WATER SERVICE LINE

PROP.  
2 - RELOCATE WATER METER  
10 LF - WATER SERVICE LINE

PROP.  
120 LF - ABANDON 6" UTILITY PIPE

PROP.  
1 - 8" X 6" TEE W/THRUST BLOCK

PROP.  
120 LF - ABANDON 6" UTILITY PIPE

PROP.  
141 LF - 6" WATER LINE  
DIP, RJ WL7

PROP.  
95 LF - 12" ENCASEMENT PIPE  
35 LF - BORE AND JACK OF 12"  
60 LF - OPEN CUT

PROP.  
10' X 40' BORE PIT

PROP.  
2 - 6" X 45 DEGREE BEND, RJ

PROP.  
1 - REMOVE FIRE HYDRANT

PROP.  
664 LF - ABANDON 8" UTILITY PIPE

PROP.  
1 - FIRE HYDRANT  
1 - 6" VALVE  
7 LF - FIRE HYDRANT LEG

1 - 8" X 6" TEE W/THRUST BLOCK

PROP.  
1 - 6" LINE STOP  
38 LF - MIN FROM CONNECTION

THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1358 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

MATCHLINE WL1 STA 34 + 45.00  
SEE SHEET UC-6

MATCHLINE WL1 STA 47 + 50.00  
SEE SHEET UC-8

**C1**  
PROP.  
1 EA- 4' DIA. UTILITY MANHOLE  
1.4 LF - UTILITY MANHOLE WALL 4' DIA.

**C2**  
PROP.  
1 EA- 4' DIA. UTILITY MANHOLE  
1.2 LF - UTILITY MANHOLE WALL 4' DIA.

**C3**  
PROP.  
1 EA- 4' DIA. UTILITY MANHOLE  
4.1 LF - UTILITY MANHOLE WALL 4' DIA.

**D**  
PROP.  
2 - SANITARY SEWER CLEANOUT  
2 - 90 LF - 4" SEWER SERVICE LINE

PROP.  
710 LF - 8" SANITARY GRAVITY SEWER  
SL - 3

PROP.  
2 - 6" LINE STOPS  
LINE STOPS ARE TO BE INSTALLED ON EX. PIPE AT A MINIMUM OF 38 LF FROM PLUG

DATE: L:\Searns\_D\SS\Proj\16160560005\_NCDOT\WST1900\_CAD\_GIS\90\_CAD\DOT\_TF\Utilities\Engineering\UCPro\NUS824.dwg, J. AGREEMENT.dgn