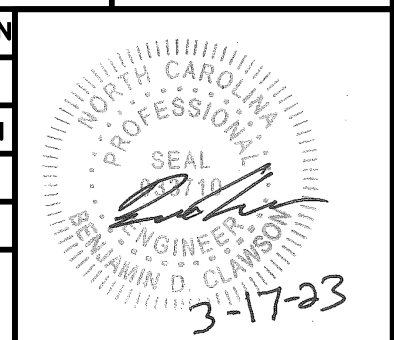
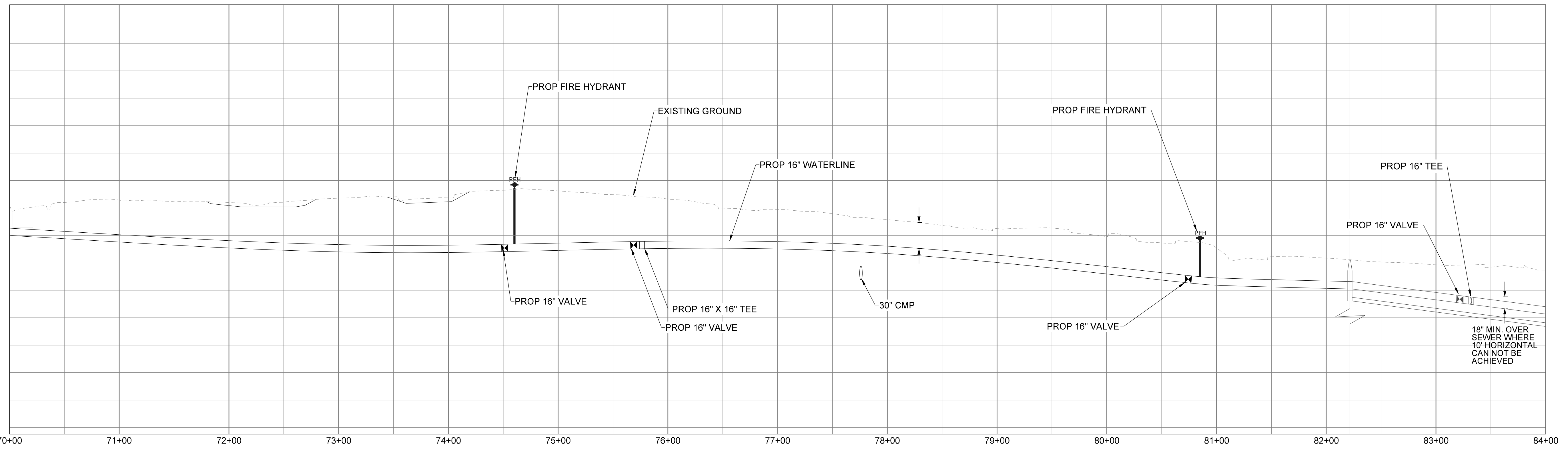
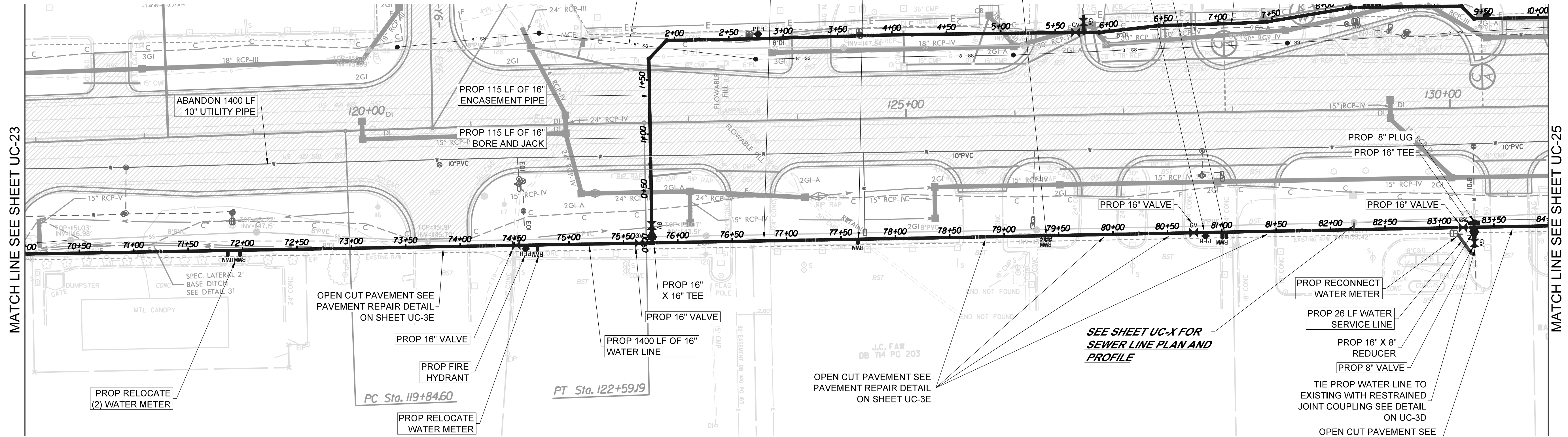


NOTES:

1. ALL PIPE LINE FITTINGS AND INSTALLATION SHALL BE INCIDENTAL TO THE COST OF THE PROPOSED PIPE LINE.
2. THE CONTRACTOR SHALL VERIFY EXISTING PIPE SIZE AND MATERIAL, AND PROVIDE APPROPRIATE SIZED SLEEVE TO MAKE PROPER CONNECTIONS TO EXISTING PIPE LINES.
3. WHEN CROSSING PIPE LINES UNDER PROPOSED AND/OR EXISTING DITCHES INSURE THAT PIPE LINE WILL HAVE A MINIMUM OF 4' COVER FROM FINISHED GRADE.
4. USE RESTRAINED JOINTS AT FIRST TWO JOINTS BEYOND EACH SIDE OF FITTING IN ADDITION TO THRUST BLOCKING AT FITTING.
5. IF AN ITEM IS NOT CALLED OUT IN A BOX, IT IS INCIDENTAL TO AND INCLUDED IN THE UNIT COST OF THE PIPE LINE.
6. TWO OR MORE ADJACENT METERS SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD DETAIL. ALL GANG METER INSTALLATIONS ON THIS PROJECT SHALL HAVE 1-INCH SERVICE TAP & SUPPLY LINE FROM MAIN LINE UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
7. PIPE LINE ABANDONMENT SHALL BE AFTER NEW PIPE LINE HAS BEEN TESTED AND ACCEPTED. PIPE LINE ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 1530 OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.

TOTAL WEIGHT OF DUCTILE IRON WATER PIPE FITTINGS ON SHEET UC-24 IS 1845 LBS.

PROJECT REFERENCE NO.	SHEET NO.
U-5312	UC-24
DESIGNED BY: B. CLAWSON	
DRAWN BY: R. MOSS	
CHECKED BY: B. CLAWSON	
APPROVED BY:	
REVISED:	UTILITY CONSTRUCTION PLANS ONLY
MUNICIPAL ENGINEERING SERVICES COMPANY, P.A. P.O. BOX 97 GARNER, NC 27529 (919) 772-5393	



MATCH LINE SEE SHEET UC-23

MATCH LINE SEE SHEET UC-25

SEE SHEET UC-X FOR SEWER LINE PLAN AND PROFILE

SEE SHEET UC-X FOR WATER LINE PLAN AND PROFILE

SEE SHEET UC-X FOR SEWER LINE PLAN AND PROFILE

PROP RELOCATE (2) WATER METER

PROP 16" VALVE

PROP RELOCATE WATER METER

PROP 16" VALVE

PROP 1400 LF OF 16" WATER LINE

OPEN CUT PAVEMENT SEE PAVEMENT REPAIR DETAIL ON SHEET UC-3E

PROP RECONNECT WATER METER

PROP 26 LF WATER SERVICE LINE

PROP 16" X 8" REDUCER

PROP 8" VALVE

TIE PROP WATER LINE TO EXISTING WITH RESTRAINED JOINT COUPLING SEE DETAIL ON UC-3D

OPEN CUT PAVEMENT SEE PAVEMENT REPAIR DETAIL ON SHEET UC-3E

18" MIN. OVER SEWER WHERE 10' HORIZONTAL CAN NOT BE ACHIEVED