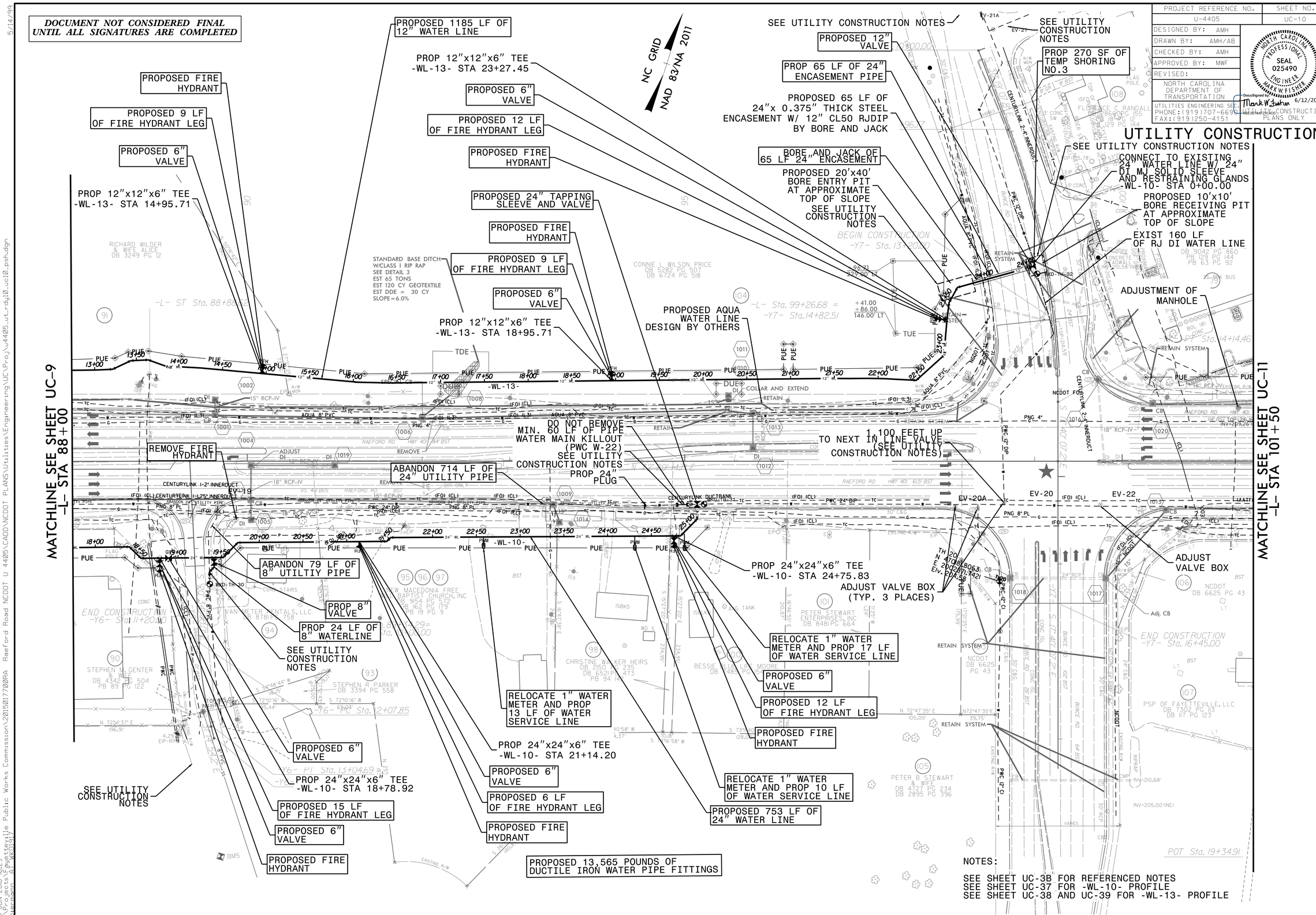
DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLETED
PROJECT REFERENCE NO. U-4405
SHEET NO. UC-10
DESIGNED BY: AMH
DRAWN BY: AMH/AB
CHECKED BY: AMH
APPROVED BY: MWF
REVISED:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE:(919)707-6690
FAX:(919)250-4151
NORTH CAROLINA PROFESSIONAL SEAL 025490 ENGINEER MARK W. FISHER
6/12/2018
CONSTRUCTION PLANS ONLY
UTILITY CONSTRUCTION
NC GRID NAD 83/NA 2011
MATCHLINE SEE SHEET UC-9 -L- STA 88+00
MATCHLINE SEE SHEET UC-11 -L- STA 101+50
PROPOSED 1185 LF OF 12" WATER LINE
PROP 12"x12"x6" TEE -WL-13- STA 23+27.45
PROPOSED FIRE HYDRANT
PROPOSED 9 LF OF FIRE HYDRANT LEG
PROPOSED 6" VALVE
PROP 12"x12"x6" TEE -WL-13- STA 14+95.71
PROPOSED 6" VALVE
PROPOSED 12 LF OF FIRE HYDRANT LEG
PROPOSED FIRE HYDRANT
PROPOSED 24" TAPPING SLEEVE AND VALVE
PROPOSED FIRE HYDRANT
PROPOSED 9 LF OF FIRE HYDRANT LEG
PROPOSED 6" VALVE
PROP 12"x12"x6" TEE -WL-13- STA 18+95.71
STANDARD BASE DITCH
VCLASS I RIP RAP
SEE DETAIL 3
EST 65 TONS
EST 120 CY GEOTEXTILE
EST DDE = 30 CY
SLOPE=6.0%
SEE UTILITY CONSTRUCTION NOTES
PROPOSED 12" VALVE
PROP 65 LF OF 24" ENCASEMENT PIPE
PROPOSED 65 LF OF 24"x 0.375" THICK STEEL ENCASEMENT W/ 12" CL50 RJDIP BY BORE AND JACK
BORE AND JACK OF 65 LF 24" ENCASEMENT
PROPOSED 20'x40' BORE ENTRY PIT AT APPROXIMATE TOP OF SLOPE
SEE UTILITY CONSTRUCTION NOTES
SEE UTILITY CONSTRUCTION NOTES
PROP 270 SF OF TEMP SHORING NO.3
SEE UTILITY CONSTRUCTION NOTES
CONNECT TO EXISTING 24" WATER LINE W/ 24" DI MJ SOLID SLEEVE AND RESTRAINING GLANDS -WL-10- STA 0+00.00
PROPOSED 10'x10' BORE RECEIVING PIT AT APPROXIMATE TOP OF SLOPE
EXIST 160 LF OF RJ DI WATER LINE
ADJUSTMENT OF MANHOLE
PROPOSED AQUA WATER LINE DESIGN BY OTHERS
DO NOT REMOVE MIN. 60 LF OF PIPE WATER MAIN KILLOUT (PWC W-22) SEE UTILITY CONSTRUCTION NOTES
PROP 24" PLUG
1,100 FEET UP TO NEXT IN LINE VALVE (SEE UTILITY CONSTRUCTION NOTES)
REMOVE FIRE HYDRANT
ABANDON 714 LF OF 24" UTILITY PIPE
ABANDON 79 LF OF 8" UTILTIY PIPE
PROP 8" VALVE
PROP 24 LF OF 8" WATERLINE
SEE UTILITY CONSTRUCTION NOTES
PROP 24"x24"x6" TEE -WL-10- STA 24+75.83
ADJUST VALVE BOX (TYP. 3 PLACES)
ADJUST VALVE BOX
RELOCATE 1" WATER METER AND PROP 17 LF OF WATER SERVICE LINE
PROPOSED 6" VALVE
PROPOSED 12 LF OF FIRE HYDRANT LEG
PROPOSED FIRE HYDRANT
RELOCATE 1" WATER METER AND PROP 13 LF OF WATER SERVICE LINE
PROP 24"x24"x6" TEE -WL-10- STA 21+14.20
PROPOSED 6" VALVE
PROPOSED 6 LF OF FIRE HYDRANT LEG
PROPOSED FIRE HYDRANT
RELOCATE 1" WATER METER AND PROP 10 LF OF WATER SERVICE LINE
PROPOSED 753 LF OF 24" WATER LINE
PROPOSED 6" VALVE
PROP 24"x24"x6" TEE -WL-10- STA 18+78.92
PROPOSED 15 LF OF FIRE HYDRANT LEG
PROPOSED 6" VALVE
PROPOSED FIRE HYDRANT
SEE UTILITY CONSTRUCTION NOTES
PROPOSED 13,565 POUNDS OF DUCTILE IRON WATER PIPE FITTINGS
NOTES:
SEE SHEET UC-3B FOR REFERENCED NOTES
SEE SHEET UC-37 FOR -WL-10- PROFILE
SEE SHEET UC-38 AND UC-39 FOR -WL-13- PROFILE