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REVISIONS

PLAN

GRAPHIC SCALE 1 INCH = 50 FEET

BEGIN CONSTRUCTION -Y11- POT 11+70.00

NOTES:
1. RELOCATE ALL EXISTING WATER LINE SERVICES TO THE NEW WATER LINE. FOLLOW CITY OF SANFORD STANDARD SERVICE CONNECTION DETAILS. COORDINATE SERVICE TIE OVER WITH PROPERTY OWNER AND CITY OF SANFORD.
2. PROVIDE 18" MINIMUM VERTICAL CLEARANCE AT ALL DRAINAGE SYSTEM CROSSINGS.
3. ABANDON WATER LINE IN LOCATIONS SHOWN. ABANDONMENT INCLUDES ALL FITTINGS AND APPURTENANCES. ABANDONMENT OF THE WATER LINE TO BE IN ACCORDANCE WITH THE CITY OF SANFORD'S AND NCDOT'S REQUIREMENTS.
4. ALL ABANDONED LINES 8" OR LARGER SHALL BE FILLED WITH CDF.
5. MAINTAIN MINIMUM 36" COVER BELOW FINISHED GRADE FOR ALL WATER LINES.

PROPOSED 115 LF 30" DIA. x 0.312" THICKNESS STEEL CASING BY BORE AND JACK WITH 16" DIP CARRIER PIPE

TO BE ABANDONED

PROPOSED 16"X6" TEE
16" GATE VALVE
FIRE HYDRANT ASSEMBLY
65 LF FH LEG
6" GATE VALVE

EXISTING 16" WATER MAIN TO BE ABANDONED

PROPOSED WATER SERVICE CONNECTION BY DRY BORE, TYPICAL

PROPOSED 16" DIP WATER MAIN

PROPOSED 16" 45° BEND

PROPOSED 16"X6" TEE
FIRE HYDRANT ASSEMBLY
61 LF FH LEG
6" GATE VALVE

PROPOSED 16"X6" TEE
CONNECT TO EXISTING 6" WATER MAIN
16" GATE VALVE
2-16" CAPS

MATCHLINE STA. 108+00 W-1
BASELINE -L- 108+70.95

MATCHLINE STA. 122+00 W-1
BASELINE -L- 122+54.18

TEMPORARY RECEIVING PIT LOCATION

PROPOSED BST 16" 45° BEND

TEMPORARY BORE PIT LOCATION

PROPOSED 127 LF OF 2" WATER SERVICE
PROPOSED 10 LF OF 6" WATER MAIN
PROPOSED 1,400 LF OF 16" WATER MAIN

ABANDON EXISTING 16" WATER MAIN
SHEET UC-12
TOTAL LENGTH = 1,380 LF

ABANDON EXISTING 6" WATER MAIN
SHEET UC-12
TOTAL LENGTH = 130 LF

THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 2,590 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

NOTE: LOCATIONS OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

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PROJECT REFERENCE NO.	SHEET NO.
R-3830	UC-12
DESIGNED BY: DLH	
DRAWN BY: WW, MJ, BB	
CHECKED BY: DLH	
APPROVED BY:	
REVISED:	

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

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 034999 DAVID L. HONEYCUTT

UTILITY CONSTRUCTION PLANS ONLY

811 Know what's below. Call before you dig.
N.C. One-Call Center
Dial 811 or 1-800-632-4949

PROFILE W-1

SCALE: HORIZ. 1"= 50'
VERT. 1"= 5'

PROPOSED 16"X6" TEE FH ASSEMBLY
PROPOSED FINAL GRADE
PROPOSED 16" GATE VALVE
PRE-CONSTRUCTION GROUND
15" RCP
18" MIN. CLEAR
3' MIN. COVER
12" MIN. CLEAR
18" MIN. COVER
GAS LINE
PROPOSED 16" DIP WATER MAIN
8" DIP SEWER
PROPOSED 16"X6" TEE
PROPOSED 20'X40' BORE PIT
PROPOSED 115 LINEAR FEET OF 30" DIA. x 0.312" MINIMUM WALL THICKNESS STEEL ENCASEMENT PIPE BY BORE AND JACK WITH 16" CLASS 350 DUCTILE IRON CARRIER PIPE
PROPOSED 10'X10' RECEIVING PIT

460 455 450 445 440 435 430 425 420

109+00 110+00 111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED