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REVISIONS

PLAN

GRAPHIC SCALE 50 0 25 50 100 150 — 1 INCH = 50 FEET

MATCHLINE STA. 234+00 W-1
BREAKLINE -L- 233+49.29

TOE PROTECTION
SEE DETAIL 18
CLASS I RIP RAP
EST. 335 TON
GEOTEXTILE
EST. 589 SY

VAR. WIDTH SPECIAL
LATERAL BASE DITCH
SEE DETAIL 19
CLASS I RIP RAP
EST. 38 TON
GEOTEXTILE
EST. 70 SY

SPECIAL CUT
DITCH
SEE DETAIL 2

EXISTING 10" WATER MAIN
TO BE ABANDONED

PROPOSED
12" 45° BEND

PROPOSED REPLACE WATER MAIN
FROM EXISTING BOOSTER PUMP
STATION TO TOWN OF BROADWAY,
BEGINNING WITH SHEET UC-26

PROPOSED
2-12" GATE VALVES
12"X12" TEE
12" CAP
END W-1

PROPOSED
RELOCATE WATER
METER, TYP.

PROPOSED
12"X6" TEE
FIRE HYDRANT ASSEMBLY
8 LF FH LEG
6" GATE VALVE

PROPOSED 1,159 LF OF 12" WATER MAIN

PROPOSED 145 LF OF 1" WATER SERVICE

ABANDON EXISTING 6" WATER MAIN
SHEET UC-21
TOTAL LENGTH = 28 LF

ABANDON EXISTING 10" WATER MAIN
SHEET UC-21
TOTAL LENGTH = 1,161 LF

THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1,680 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

PROPOSED
12" DIP WATER MAIN

PROPOSED
12" 45° BEND

PROPOSED
2-12" 45° BENDS

DO NOT DISTURB DOGWOOD & FLOWERING SHRUBS

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.

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-21
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 — 11/29/2021

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'

PRE-CONSTRUCTION GROUND

PROPOSED 12" DIP WATER MAIN

PROPOSED 12"X6" TEE FH ASSEMBLY

PROPOSED FINISHED GRADE

PROPOSED 12" GATE VALVE

3' MIN. COVER

PROPOSED 12"X12" TEE 12" CAP TIE TO EXISTING 12" MAIN

234+00 235+00 236+00 237+00 238+00 239+00 240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 248+00

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED