GENERAL NOTES:

1. THE SHUTDOWN OF WATER MAINS FOR RELOCATION SHALL BE COORDINATED WITH THE ROBESON COUNTY PUBLIC WORKS DEPARTMENT.

2. THE CONTRACTOR SHALL ROTATE BENDS AS NECESSARY TO PROVIDE FOR VERTICAL ALIGNMENT. ALL FITTINGS SHALL BE MECHANICAL JOINT.

3. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LENGTH OF PIPE TO BE RESTRAINED FOR ALL TIE-IN SECTIONS.

4. ALL CONNECTIONS SHALL BE MADE USING NECESSARY FITTINGS. THESE FITTINGS ARE AWWA C110 OR C153 PAID BY C110 WEIGHT IN KILOGRAMS.

5. ALL PVC AND HDPE WATER MAINS SHALL HAVE COPPER TRACER WIRE INSTALLED IN TRENCH. THIS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PIPE.

ALL WATER LINES OWNED BY ROBESON COUNTY

PROJECT REFERENCE NO.	SHEET NO.
R-0513A	UC-2

METRIC

5 0 10

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14101 JOHN M. KAMPRATH

UTILITY CONSTRUCTION

NAD 83

PARAMOUNT PAPER LTD DB 934 PG 354

MARY H. HORNE DB 79E PG 51

-SRI- PCSta.11+10.201

-SRI-
PI Sta 11+68.239
△= 50° 52' 57.3" (LT)
L = 108.344
T = 58.038
R = 122.000

S 26°52'57.3"W

-SRI- PTSta.12+18.545

S 24°00'00.0"E

SR 1393 ALAMA RD 7.2 BST

-SRI- +53.88 R/W

-L- 11+55
46 M LT. (150.90 FT)
BEGIN WW FENCE

PROP. 32M OF 300MM PVC WATER PIPE, SDR 21, 1.38MPA WP
2 - 300MM 22 1/2° DI BENDS
CONNECT USING NECESSARY FITTINGS

22 1/2°
22 1/2°
ABANDON
PLUG
1.50M

PROP. 31M - FILL OR REMOVE ABANDONED 300MM PIPE, PVC WATER

REMOVE EXISTING FENCE

BEGIN TIP PROJECT R-0513A
-L- POT STA. 10+00.000

1400mm WW&ISBW

-L- STA 10+01.669
.083 LT.

STEEL ENCASEMENT
INV. = 52.075

90 m TAPER

22 1/2°

PROP. 123M - FILL OR REMOVE ABANDONED 200MM PIPE, PVC WATER

0.9m BASE DITCH SEE DETAIL "E"

600 COLLAR ③

120m FULL LANE

MTL
900mm C&G
US 74 WBL 8.5 BST

RETAIN

PROP. DOUBLE FACE CABLE GUIDERAIL

1800mm CONC DITCH 1A FSM

ADJUST 2 G.I.

2GI

S 24°01'13.3"E

STEEL ENCASEMENT
INV. = 52.118

45°

2GI TYPE "B" ①

ABANDON

US 74 EBL 8.5 BST

900mm C&G
MTL

375 mm STEEL

CL. "B" RIPRAP
1.8 TONS
5.9 S.M. FF

600 mm CONC ⑧

COLLAR & EXTEND

22 1/2°

PLUG

CL. "B" RIPRAP
4.5 TONS
11.7 S.M. FF

22 1/2°

REMOVE EXISTING FENCE

1400mm WW&ISBW

EXIST. R/W

-L- +00
EX.R/W
BEGIN WW FENCE

RORY MCNAIR
NO DEED

RORY MCNAIR
NO DEED

PROP. 112M OF 200MM PVC WATER PIPE, SDR 21, 1.38MPA WP
21M OF 200MM DI WATER PIPE, PC 2.41 MPA WP
15M OF 400MM STEEL ENCASEMENT PIPE, 6.35MM THICK, BY BORING & JACKING
4 - 200MM 22 1/2° DI BENDS
1 - 200MM 45° DI BEND
CONNECT USING NECESSARY FITTINGS

MATCHLINE SEE SHEET UC-3 -L- Sta. 12+40

Prepared In the Office of:

EARTH TECH

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