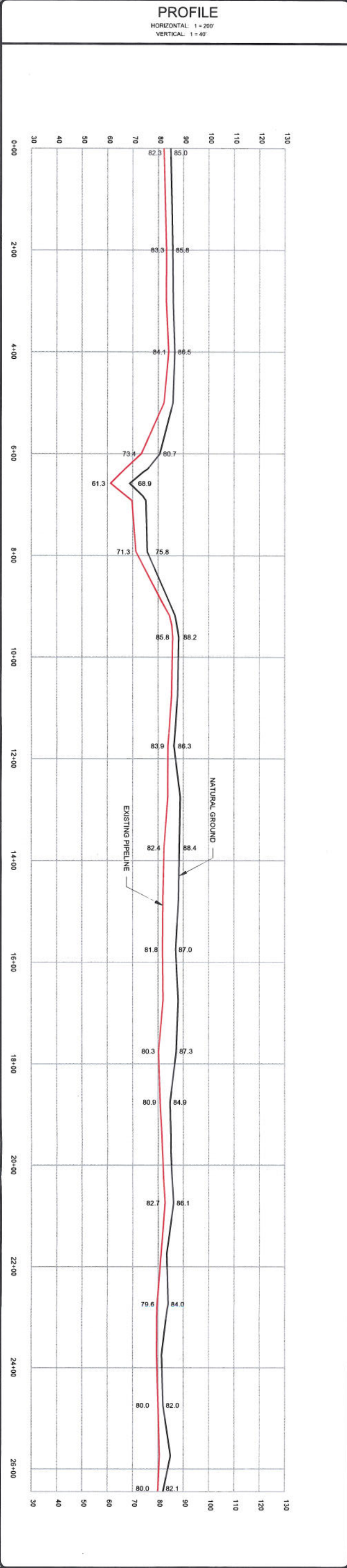
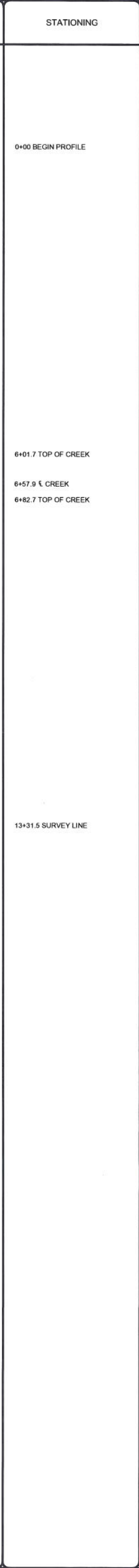
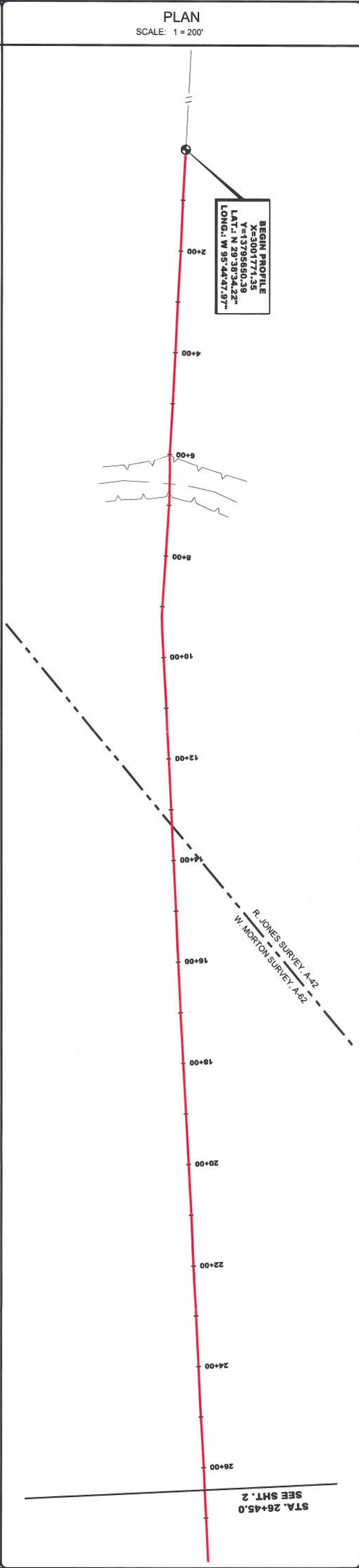


OWNERSHIP
FEET/RODS



LEGEND

- C/L PROPOSED PIPELINE
- TOP OF CREEK
- TOE OF CREEK
- OVERHEAD ELECTRIC
- EXISTING PIPELINE
- ROAD WAY
- SURVEY LINE
- PROFILE BEGIN/END

GENERAL INFORMATION

ISSUED FOR REVIEW

M.A.C.P.: 1440 P.S.I.G., MINIMUM REQ. TEST PRESSURE: 1800 PSIG
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE
OF THE NORTH AMERICAN DATUM (NAD 83), U.S. SURVEY FEET

A REASONABLE ATTEMPT HAS BEEN MADE TO LOCATE ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE
ONLY, AND THERE MAY ALSO BE OTHER UNDERGROUND UTILITIES THAT ARE NOT SHOWN. IT IS STILL THE CONTRACTOR'S RESPONSIBILITY TO
LOCATE ALL UNDERGROUND FACILITIES WITHIN WORKING AREA. CONTRACTOR MUST CONTACT ONE CALL UTILITY LOCATION SERVICES AND THE
PURPOSES ONLY AND IS NOT INTENDED TO BE FILED OF RECORD FOR EASEMENT OR ANY OTHER
PURPOSE.

TYPICAL HORIZONTAL, DIRECTIONAL DRILL, INSTALLATION SHOWN, DRILLING CONTRACTOR SHALL FURNISH FINAL DESIGN

ORIGINAL DOCUMENT SIZE: 11" X 17"

REVISION		SUMMARY OF MATERIALS			
NO.	DESCRIPTION	DATE	ITEM #	UNITS	DESCRIPTION

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

SOUTHCROSS
ENERGY

AS-BUILT ALIGNMENT

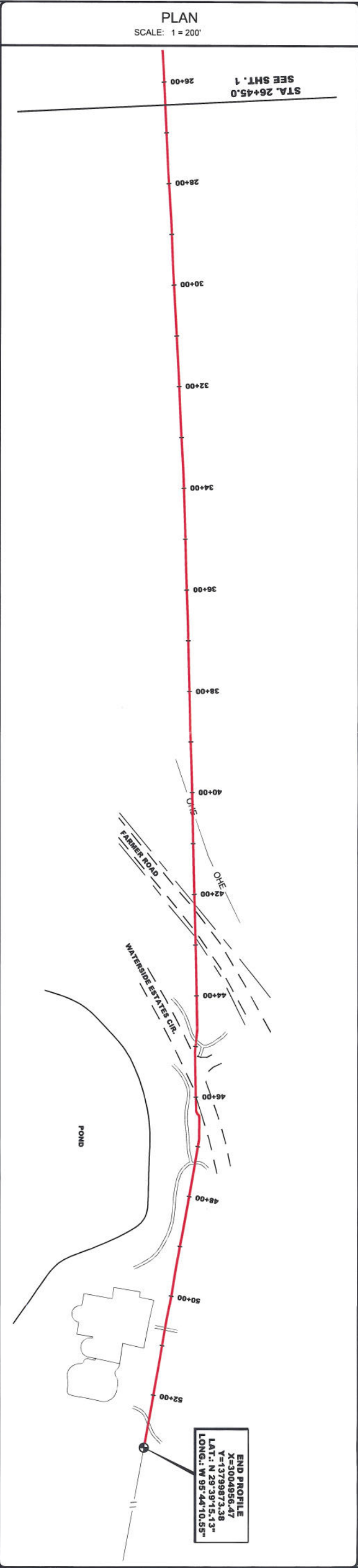
RIVER FOREST
EXISTING PIPELINE

STA. 0+00.0 TO STA. 26+45.0

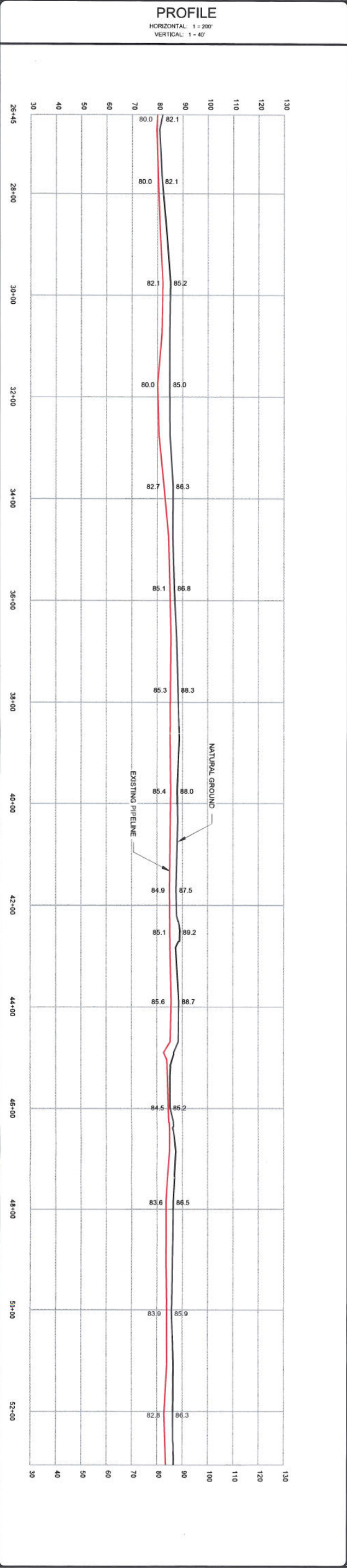
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SHEET: 1 OF 1
DATE: 11/9/13
CHECK:
REVISION: 0

1400 EVERMAN PARKWAY, SUITE 100, FORT WORTH, TEXAS 76106
TEL: 817.339.1100
WWW.TOPOGPHIC.COM
S: SURVEY SOUTH CROSSFORTH, BEND HOOFNAIL, PRODUCTIONS FORT BEND DOW 11/6/2013 2:01:39 PM mawhage

OWNERSHIP
FEET/RODS



STATIONING	
40+32.1	OVERHEAD ELECTRIC
42+18.8	5' DITCH
42+30.3	EDGE OF ROAD
42+73.0	EDGE OF ROAD
42+84.6	5' DITCH
44+89.7	EDGE OF SIDEWALK
44+96.2	EDGE OF SIDEWALK
45+17.5	EDGE OF ROAD
45+97.1	EDGE OF ROAD
47+32.2	EDGE OF SIDEWALK
47+37.4	EDGE OF SIDEWALK
50+67.2	EDGE OF SIDEWALK
50+72.1	EDGE OF SIDEWALK
52+57.3	EDGE OF SIDEWALK
52+66.9	EDGE OF SIDEWALK
53+05.9	END PROFILE



LEGEND

C/L PROPOSED PIPELINE

TOP OF CREEK

TOE OF CREEK

OVERHEAD ELECTRIC

EXISTING PIPELINE

ROAD WAY

SURVEY LINE

PROFILE BEGIN/END

GENERAL INFORMATION

ISSUED FOR REVIEW

M.A.O.P. - 1440 P.S.I.G., MINIMUM REQ. TEST PRESSURE - 1800 PSIG
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM SOUTH-CENTRAL ZONE
OF THE NORTH AMERICAN DATUM, 1983, U.S. SURVEY FEET

A REASONABLE ATTEMPT HAS BEEN MADE TO LOCATE ALL UNDERGROUND OBSTRUCTIONS BUT UTILITIES SHOWN HEREON ARE APPROXIMATE
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LOCATE ALL UNDERGROUND FACILITIES WITHIN WORKING AREA. CONTRACTOR MUST CONTACT ONE CALL UTILITY LOCATION SERVICES AND THE
THIS DOCUMENT IS FOR CONSTRUCTION PURPOSES ONLY AND IS NOT INTENDED TO BE FILED OF RECORD FOR EASEMENT OR ANY OTHER
PURPOSE.
TYPICAL HORIZONTAL DIRECTIONAL DRILL INSTALLATION SHOWN. DRILLING CONTRACTOR SHALL FURNISH FINAL DESIGN

ORIGINAL DOCUMENT SIZE: 11" X 17"

REVISION

NO.	DESCRIPTION	DATE	ITEM #	UNITS

SUMMARY OF MATERIALS

DESCRIPTION

AS-BUILT ALIGNMENT

RIVER FOREST
EXISTING PIPELINE

STA. 26+45.0 TO STA. 53+05.9

TOPOGRAPHIC

LOYALTY INNOVATION LEGACY

1440 EXTERIOR HARBORWAY, SUITE 101, FORT WORTH, TEXAS 76140
TELEPHONE: 817.339.7340
TELEFAX: 817.339.7340
WWW.TOPOGRAPHIC.COM

FILE: A6-FORT_BEND

DRAFT: NR

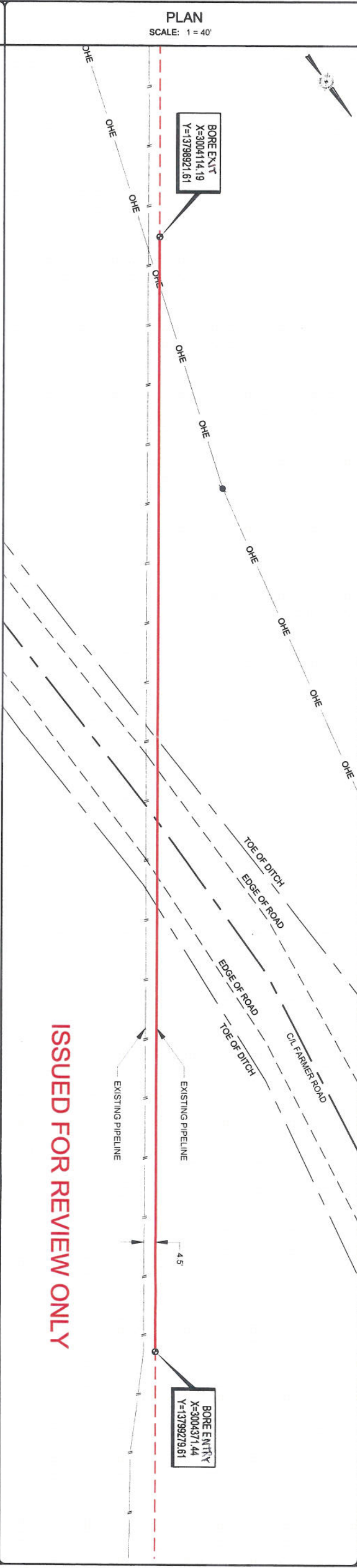
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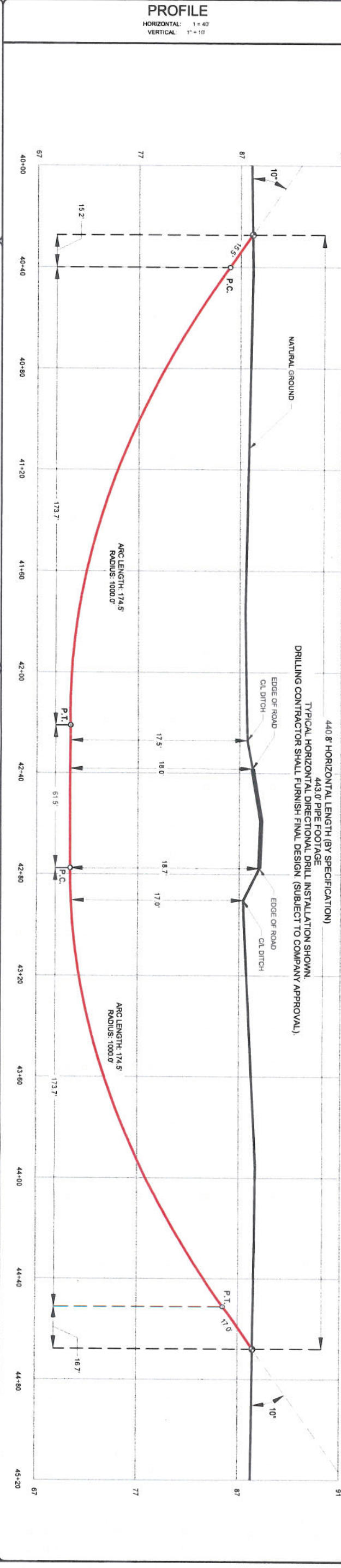
DATE: 11/6/13

REVISION: 0

S:\SURVEY\2013\01 CROSSPORT, BEND, HOODWALL, PRODUCTIONS\FORT_BEND.DWG 11/6/2013 2:28:30 PM mldw@ge



STATIONING	
40+27.2 BORE ENTRY	
40+46.3 OVERHEAD ELECTRIC	
42+25.7 C/L DITCH	
42+37.6 EDGE OF ROAD	
42+58.0 C/L ROAD	
42+79.7 EDGE OF ROAD	
42+91.6 C/L DITCH	
44+68.0 BORE EXIT	



LEGEND

GENERAL INFORMATION

REVISION

SUMMARY OF MATERIALS

PRELIMINARY HDD DESIGN

40+27.2 TO 44+68.0

10" PIPELINE

FILE: HDD_RIVER_FOREST_CREEK_FARMER_R0
DRAFT: MAM
SHEET: 1 OF 1
DATE: 12/17/13
REVISION: 0