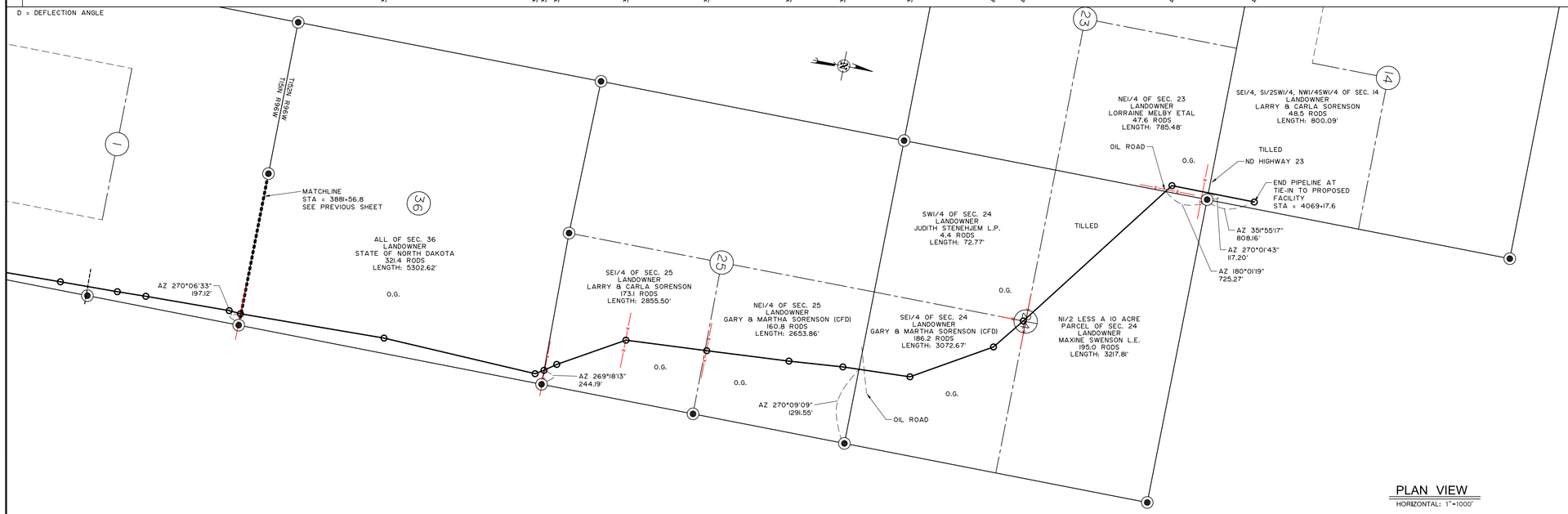
AS-BUILT (FOR REVIEW)

STATIONING CHART

N.T.S.

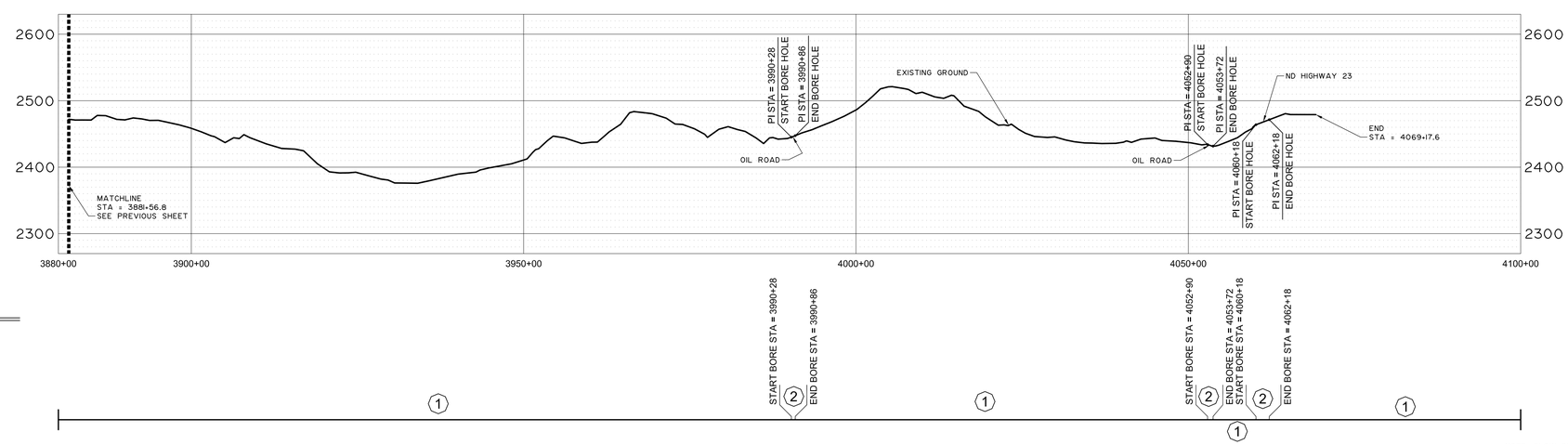
CROSSINGS	SURVEY NOTES	ROUTING NOTES
	3881+56.8 SECTION LINE	
		3906+38.7 PI 03°39'
3934+72.3 FENCE	3934+59.4 SECTION LINE	3932+93.6 PI 034°08'
		3934+57.1 PI 03°54'
		3936+97.4 PI 00°29'
3949+45.2 FENCE		3949+51 PI 026°44'
3963+40.4 FENCE	3963+14.9 QUARTER LINE	3963+43.4 PI 00°13'
		3977+62.2 PI 0°03'
3990+57.1 OIL ROAD	3989+68.8 SECTION LINE	3986+89.1 PI 02°11'
		3998+49.3 PI 028°00'
4020+42.3 FENCE 4021+11.9 FENCE	4020+41.4 QUARTER LINE 4021+14.2 QUARTER LINE	4015+66.6 PI 02°27' 4020+42.9 PI 0°14'
4053+35.1 OIL ROAD 4053+74.7 FENCE	4053+32.0 SECTION LINE	4054+18.4 PI 053°35'
4061+16.9 FENCE 4061+18.1 ND HIGHWAY 23	4061+17.5 SECTION LINE	4069+17.6 END

D = DEFLECTION ANGLE



PLAN VIEW

HORIZONTAL: 1"=1000'



PROFILE VIEW

HORIZONTAL: 1"=1000'
VERTICAL: 1"=100'

REGISTERED LAND SURVEYOR
ROBERT L. PROCIVE
LS-2884
DATE 10/21/11
NORTH DAKOTA

NOTE: FLOW DIRECTION IS FROM KEENE TO SKUNK HILL

LEGEND

- Section Number
- Interstate Highway
- Federal Highway
- State Highway
- Foreign Pipe Line
- P/L Warning Sign
- Aerial Marker
- Monument - Recovered
- Monument - Not Recovered (Re-Set)
- Creek
- Fence
- Overhead Powerline
- Pipeline
- Road
- Trees

PIPE DATA

1. DIAMETER: 12.750" WALL THICKNESS: 0.250"
MATERIAL: CARBON STEEL X52 ERW
COATING: 16 mil FBE

2. DIAMETER: 12.750" WALL THICKNESS: 0.375"
MATERIAL: CARBON STEEL X52 ERW
COATING: 16 mil FBE + 30 mil ARO

PIGGING FACILITIES		PIPE	
MIN TEST	MOP	MIN TEST	MOP
1800 P.S.I.	1440 P.S.I.	1800 P.S.I.	1440 P.S.I.

ABBREVIATIONS

CREEK = CREEK CROSSING
FENCE = BARB WIRE FENCE
OHP = OVER HEAD POWER
FPL = FOREIGN PIPELINE
ROAD = COUNTY ROAD OR HIGHWAY
TREES = ROW OR MASS OF TREES

Tract No.	Ownership	Sec.	T	R

REVISIONS

Rev. No.	Description	By	Date	Ckd.

BRIDGER

Bridger Pipeline LLC
Casper, Wyoming

4BEARS PIPELINE (AS-BUILT)

SKUNK HILL STATION TO HWY 23 STATION
12" CRUDE OIL PIPELINE, AS-BUILT
STA. 3881+56.8 TO STA. 4069+17.6
McKENZIE COUNTY, NORTH DAKOTA

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DRAWN BY: J. Welch	DATE: JULY 2011	APPROVED BY: Robert L. Procive	DATE: MAY 2011
SCALE: 1" = 1000'	PROJECT NUMBER: S09-00-161		DRAWING NUMBER: SHEET 15 OF 15