



CONTROL POINTS

NAME	BEARING	COORD.	1 SURVEIN	COORDINATION
CP-1	82°34'48"	1187284.11	340433	BEARING OF NORTH OF SOUNDA
CP-2	82°34'48"	1187284.11	340433	BEARING OF NORTH OF SOUNDA

KLI FIELD BOOK #21

BASIS OF SURVEY

THE BASIS OF BEARING AND COORDINATES FOR THIS SURVEY IS SOUTH DAKOTA STATE PLANE COORDINATES SOUTH ZONE, NAD-83(98) IN US FEET AND IS BASED ON RAPID CITY CONTROL MONUMENTS AND GRID BEARINGS AND GRID DISTANCES WERE USED. VERTICAL DATUM IS NAVD-83 PER RAPID CITY CONTROL. COMBINED SCALE FACTOR TO GO FROM STATE PLANE DISTANCES (GRID) TO GROUND DISTANCES IS 1.000220.

CENTERLINE ALIGNMENT DATA

ALIGNMENT DATA

STATION	BEARING	DISTANCE
0+00	270°00'00"	100.00
0+10	270°00'00"	100.00
0+20	270°00'00"	100.00
0+30	270°00'00"	100.00
0+40	270°00'00"	100.00
0+50	270°00'00"	100.00
0+60	270°00'00"	100.00
0+70	270°00'00"	100.00
0+80	270°00'00"	100.00
0+90	270°00'00"	100.00
1+00	270°00'00"	100.00

WEST MAIN

STATION	BEARING	DISTANCE
0+00	270°00'00"	100.00
1+00	270°00'00"	1000.00
2+00	270°00'00"	2000.00
3+00	270°00'00"	3000.00
4+00	270°00'00"	4000.00
5+00	270°00'00"	5000.00
6+00	270°00'00"	6000.00
7+00	270°00'00"	7000.00
8+00	270°00'00"	8000.00
9+00	270°00'00"	9000.00
10+00	270°00'00"	10000.00

44TH STREET

STATION	BEARING	DISTANCE
0+00	270°00'00"	100.00
1+00	270°00'00"	1000.00
2+00	270°00'00"	2000.00
3+00	270°00'00"	3000.00
4+00	270°00'00"	4000.00
5+00	270°00'00"	5000.00
6+00	270°00'00"	6000.00
7+00	270°00'00"	7000.00
8+00	270°00'00"	8000.00
9+00	270°00'00"	9000.00
10+00	270°00'00"	10000.00



ENGINEER CERTIFICATION
 I HEREBY CERTIFY THAT THE DATA AND CALCULATIONS ON WHICH THIS PLAN AND SPECIFICATIONS ARE BASED ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF SOUTH DAKOTA.
 P. E. Kadmas, Lee & Jackson, Inc.
 2/15/2007

Kadmas Lee & Jackson
 Engineers, Surveyors and Planners



PROJECT INFORMATION
 Project No. 14355
 Project Name: 44TH STREET STREET RECONSTRUCTION
 Client: City of Rapid City
 Date: FEB 2006
 Drawn By: J. Lee
 Checked By: J. Lee
 Date: FEB 2006
 Scale: 1" = 60'
 Project Location: 44TH STREET
 City of Rapid City
 Date: JUNE 2007

44TH STREET STREET RECONSTRUCTION
 CITY OF RAPID CITY PROJECT NO. 8700 1435
 Sheet No. 6 of 61
 SURVEY CONTROL

