



LINE	DIRECTION	DISTANCE
L1	N01°02'16"E	36.81'
L2	N67°24'11"W	31.08'
L3	S89°31'18"W	9.06'
L4	S00°28'14"E	20.02'
L5	N00°30'00"W	21.14'
L6	S81°30'24"E	25.78'
L7	N01°54'04"E	18.42'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	462.37'	172.14'	87.08'	171.14'	S70°04'06"W	18°58'21"
C2	462.37'	109.08'	54.80'	108.83'	N87°30'28"W	18°58'21"
C3	462.37'	293.38'	151.39'	288.88'	S84°43'37"E	18°58'21"
C4	150.00'	172.89'	109.80'	155.50'	S46°52'44"W	08°52'00"
C5	60.00'	94.20'	59.95'	84.82'	S96°52'44"W	08°52'00"
C6	60.00'	94.20'	60.56'	85.24'	N88°13'40"E	08°52'00"
C7	110.00'	88.34'	46.71'	85.99'	N91°58'13"W	08°52'00"
C8	500.00'	33.46'	16.73'	33.45'	N88°53'29"E	08°52'00"
C9	500.00'	23.58'	11.79'	23.57'	N88°08'33"E	08°52'00"
C10	110.00'	21.72'	10.90'	21.68'	N89°50'12"E	08°52'00"
C11	110.00'	63.74'	32.79'	62.85'	N81°34'43"W	08°52'00"
C12	550.00'	11.52'	5.76'	11.52'	S75°29'28"E	01°12'00"
C13	500.00'	70.39'	35.26'	70.34'	S78°55'28"E	08°04'00"
C14	550.00'	65.92'	33.00'	65.88'	S79°31'28"E	08°52'00"
C15	648.87'	6.11'	3.05'	6.11'	S86°48'39"W	00°32'21"
C16	975.30'	45.08'	22.54'	45.07'	N76°25'30"E	02°38'53"
C17	593.82'	79.53'	39.82'	79.47'	N71°14'24"W	07°40'28"
C18	637.92'	210.51'	106.22'	209.56'	S80°04'03"W	18°54'27"
C19	975.30'	52.43'	26.22'	52.42'	N73°33'40"E	03°04'48"
C20	975.30'	22.42'	11.21'	22.42'	N71°21'46"E	01°19'01"
C21	593.82'	159.52'	80.30'	159.14'	N82°46'39"W	15°24'06"
C22	500.00'	17.85'	8.92'	17.85'	N75°54'50"W	02°02'43"
C23	550.00'	28.53'	14.27'	28.52'	N76°22'37"W	02°58'18"
C24	550.00'	28.77'	14.39'	28.76'	N78°21'40"W	02°59'48"
C25	500.00'	34.24'	17.12'	34.23'	N78°53'53"W	03°55'23"
C26	550.00'	34.92'	17.46'	34.91'	N82°40'41"W	03°38'14"
C27	500.00'	30.17'	15.09'	30.17'	N82°35'17"W	03°27'26"
C28	500.00'	33.44'	16.73'	33.43'	N86°13'58"W	03°49'59"
C29	550.00'	35.08'	17.53'	35.05'	N86°19'22"W	03°39'07"
C30	648.87'	121.72'	61.04'	121.95'	S81°08'56"W	10°44'55"
C31	648.87'	57.81'	28.83'	57.59'	S73°14'52"W	05°05'14"
C32	628.87'	179.73'	90.48'	179.12'	S78°53'30"W	16°22'30"
C33	975.30'	15.84'	7.92'	15.84'	N74°13'56"E	07°02'41"
C34	1088.87'	48.338'	24.169'	48.338'	N78°56'27"W	23°04'31"
C35	470.00'	83.92'	41.960'	83.920'	S80°04'03"W	18°54'28"
C36	580.00'	20.346'	10.173'	20.346'	N85°53'40"W	02°44'16"
C37	3969.70'	336.19'	168.09'	336.09'	S88°21'21"E	04°51'08"
C38	3969.70'	48.79'	24.39'	48.79'	S85°13'32"E	01°24'30"
C39	3969.70'	158.94'	79.48'	158.93'	N77°36'02"E	02°17'39"
C40	3969.70'	122.13'	61.07'	122.12'	N79°37'44"E	01°45'46"
C41	3969.70'	121.48'	60.74'	121.47'	N81°23'13"E	01°45'12"
C42	3969.70'	120.95'	60.48'	120.95'	N83°08'11"E	01°44'45"
C43	3969.70'	120.95'	60.28'	120.94'	N84°59'48"E	01°44'24"
C44	3969.70'	120.26'	60.13'	120.25'	N86°37'02"E	01°44'08"
C45	3969.70'	120.08'	60.04'	120.07'	N88°21'05"E	01°43'59"
C46	550.00'	24.53'	12.27'	24.53'	S88°12'55"E	02°33'21"
C47	550.00'	38.20'	19.11'	38.19'	S84°56'51"E	03°38'48"
C48	3969.70'	1318.15'	658.20'	1312.10'	N85°57'58"E	19°01'31"
C49	45.00'	72.12'	46.45'	64.64'	N44°00'32"W	91°49'12"
C50	4009.70'	1323.09'	661.54'	1317.09'	S86°02'26"W	18°54'22"
C51	4009.70'	102.83'	51.42'	102.83'	N85°14'20"W	01°27'54"
C52	4009.70'	335.88'	167.94'	335.78'	N89°22'16"W	04°47'58"
C53	4009.70'	120.07'	60.04'	120.07'	S88°22'16"W	01°42'57"
C54	4009.70'	120.25'	60.13'	120.25'	N86°39'15"E	01°43'06"
C55	4009.70'	120.54'	60.27'	120.53'	S84°56'02"W	01°43'21"
C56	4009.70'	120.94'	60.47'	120.93'	S83°12'31"W	01°43'41"
C57	4009.70'	121.45'	60.73'	121.44'	S81°28'37"W	01°44'08"
C58	4009.70'	122.08'	61.05'	122.08'	S79°44'13"W	01°44'40"
C59	4009.70'	123.35'	61.68'	123.35'	N77°43'34"E	02°16'37"
C60	960.33'	15.58'	7.79'	15.58'	N75°18'57"E	00°55'47"

NOTE:
SEE SHEET 4 OF 4 FOR CURVE/LINE TABLES.

SCALE: 1" = 60'

PRELIMINARY
NOT
FOR
CONSTRUCTION

SCHMUESER | GORDON | MEYER
ENGINEERS | SURVEYORS

SCHMUESER GORDON MEYER
118 W. 6TH STREET, SUITE 200
GLENWOOD SPRINGS, COLORADO 81601
(970) 945-1004 FAX (970) 945-5948
ASPEN, COLORADO (970) 925-6727
CRESTED BUTTE, CO (970) 349-5355
E-mail: engineer@sgm-inc.com

CITY OF RIFLE
SOUTH RIFLE DRAINAGE

NUM-BER	REVISION	DATE	BY

Figure 7-2
Rifle Business Park
Drainage Plan

Job No. 99055a-313
Drawn by: jss
Date: AUGUST 2005
QC: FE: JSS
File: 99055a-313.dwg

2
OF
4

11/2005 99055a-313.dwg Plotter: Jss 24 Jun 2006 2:58pm Plotter: Jss 25 Jun 2006 11:11am jss

COPYRIGHT 2005 SGM, INC.