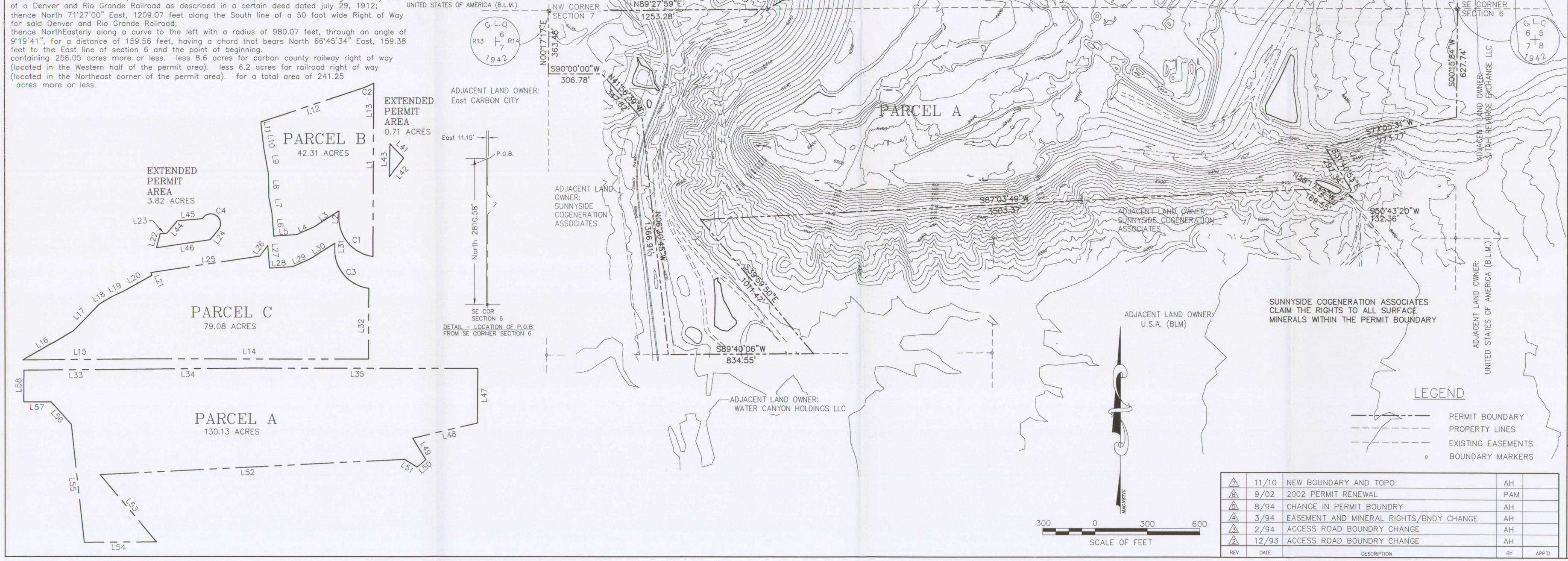
CURVE AND LINE DATA

CURVE	RADIUS	LENGTH	CHORD	DELTA
C1	450.00'	656.83'	600.06'	83°37'49"
C2	980.07'	159.56'	159.38'	09°19'41"
C3	450.00'	656.83'	600.06'	83°37'49"
C4	112.84'	373.53'	224.88'	189°39'41"

The permit is located in Carbon County, Utah as follows:
beginning at a point which is North 2810.58 feet and East 11.15 feet from the SouthEast corner of Section 6, Township 15 South, Range 14 East of the Salt Lake Base and Meridian and running
thence South 00°13'04" West 174.18 feet along the East line of Section 6 to a metal fence post;
thence South 00°13'39" West 514.28 feet;
thence South 43°56'13" East 237.61 feet;
thence South 37°48'02" West 271.53 feet to a metal fence post;
thence South 00°13'39" West 918.48 feet along the East section line of said section 6;
thence South 00°13'37" West 817.99 feet to the Southeast corner of said section 6 which is a brass cap;
thence South 00°15'54" West, 627.74 feet along the East line of Section 7, Township 15 South, Range 14 East;
thence South 77°05'31" West 773.77 feet;
thence South 31°40'53" East 292.34 feet;
thence South 50°43'20" West 132.36 feet;
thence North 58°17'12" West 169.55 feet;
thence South 87°03'49" West 3503.37 feet;
thence South 39°59'50" East 1011.47 feet to the South line of the N1/2 S1/2 NW1/4 of said Section 7;
thence South 89°40'06" West 834.55 feet along said South line;
thence North 06°20'45" West 1366.91 feet;
thence North 41°56'39" West 347.82 feet;
thence North 90°00'00" West 306.78 feet to the West line of said section 7;
thence North 00°17'17" East 363.48 feet along said West section line to the NorthWest corner of section 7 which is a brass cap;
thence North 89°27'59" East 1253.28 feet along the North line of said section 7 to the NorthEast corner of the nw1/4 nw1/4 of said section 7 which is a brass cap;
thence North 59°40'32" East 666.58 feet to a metal fence post;
thence North 44°13'50" East 430.53 feet to a metal fence post;
thence North 59°09'24" East 167.86 feet to a metal fence post;
thence North 63°51'14" East 188.19 feet to a metal fence post;
thence North 60°15'06" East 335.61 feet to a metal fence post;
thence North 21°00'31" West 34.15 feet to a brass post in a barbed wire fence;
thence North 14°02'19" East, 166.70 feet;
thence North 86°06'57" East, 78.29 feet;
thence North 39°40'10" East, 186.10 feet;
thence North 85°06'24" East, 289.77 feet;
thence running Easterly along a non-tangent curve to the right with a radius of 112.84 feet, through an angle of 189°39'41" for a distance of 373.53 feet having a chord that bears South 54°40'23" East, 224.88 feet;
thence South 39°50'38" West, 144.16 feet;
thence North 81°18'59" East, 646.66 feet along an existing fence line to a roof bolt;
thence North 36°41'30" East, 152.85 feet along a fence line to a metal fence post;
thence North 10°54'49" West, 189.49 feet to a metal fence post;
thence North 00°39'10" West, 254.39 feet to a metal fence post;
thence North 10°09'48" West, 315.48 feet to a metal fence post;
thence North 06°32'57" West, 232.70 feet to a roof bolt in an existing fence line;
thence North 06°32'59" West, 65.24 feet to a metal fence post on the South Right of Way line of a Denver and Rio Grande Railroad as described in a certain deed dated july 29, 1912;
thence North 71°27'00" East, 1209.07 feet along the South line of a 50 foot wide Right of Way for said Denver and Rio Grande Railroad;
thence NorthEasterly along a curve to the left with a radius of 980.07 feet, through an angle of 9°19'41", for a distance of 159.56 feet, having a chord that bears North 66°45'34" East, 159.38 feet to the East line of section 6 and the point of beginning.
containing 256.05 acres more or less. less 8.6 acres for carbon county railway right of way (located in the Western half of the permit area). less 6.2 acres for railroad right of way (located in the Northeast corner of the permit area). for a total area of 241.25 acres more or less.

LINE	DIRECTION	DISTANCE
L1	S00°13'39"W	1818.42'
L2	N01°21'36"E	68.00'
L3	S57°11'02"W	338.86'
L4	S66°14'45"W	220.17'
L5	S86°11'30"W	261.34'
L6	N04°41'13"W	264.09'
L7	N10°54'49"W	189.49'
L8	N00°39'10"W	254.39'
L9	N10°09'48"W	315.48'
L10	N06°32'57"W	232.70'
L11	N06°32'59"W	65.24'
L12	N71°27'00"E	1209.07'
L13	S00°13'04"W	174.18'
L14	N89°57'59"W	2646.97'
L15	S89°27'59"W	1321.87'
L16	N59°40'32"E	666.58'
L17	N44°13'50"E	430.53'
L18	N59°09'24"E	167.86'
L19	N63°51'14"E	188.19'
L20	N60°15'06"E	335.61'
L21	N21°00'31"W	34.15'
L22	N14°02'19"E	166.70'
L23	N86°06'57"E	78.29'
L24	S39°50'38"W	144.16'
L25	N81°18'59"E	1270.98'
L26	N36°41'30"E	152.85'
L27	S04°41'13"E	264.09'
L28	N86°11'30"E	261.34'
L29	N66°15'45"E	220.17'
L30	N57°11'01"E	338.86'
L31	S01°21'36"W	68.00'
L32	S00°13'37"W	817.99'
L33	N89°27'59"E	1253.28'
L34	N89°27'59"E	1321.87'
L35	S89°57'59"E	2646.97'
L41	S43°56'13"E	237.61'
L42	S37°48'02"W	271.53'
L43	S00°13'39"W	385.66'
L44	N39°40'10"E	186.10'
L45	N85°06'24"E	289.77'
L46	N81°18'59"E	314.34'
L47	S00°15'54"W	627.74'
L48	S77°05'31"W	773.77'
L49	S31°40'53"E	292.34'
L50	S50°43'20"W	132.36'
L51	N58°17'12"W	169.55'
L52	S87°03'49"W	3503.37'
L53	S39°59'50"E	1011.47'
L54	S89°40'06"W	834.55'
L55	N06°20'45"W	1366.91'
L56	N41°56'39"W	347.82'
L57	S90°00'00"W	306.78'
L58	N00°17'17"E	363.48'



REV	DATE	DESCRIPTION	BY	APP'D
7	11/10	NEW BOUNDARY AND TOPO	AH	
6	9/02	2002 PERMIT RENEWAL	PAM	
5	8/94	CHANGE IN PERMIT BOUNDRY	AH	
4	3/94	EASEMENT AND MINERAL RIGHTS/BNDY CHANGE	AH	
3	2/94	ACCESS ROAD BOUNDRY CHANGE	AH	
2	12/93	ACCESS ROAD BOUNDRY CHANGE	AH	

REGISTERED PROFESSIONAL ENGINEER # 184 S. STUART CARLSON STATE OF UTAH 7/11

SCALE: 11-92

PROJECT NO.

Sunnyside Cogeneration Associates
SCA PERMIT AREA LEGAL DESCRIPTION

TWIN PEAKS Engineering & Land Surveying
2264 NORTH 1450 EAST LEHI, UTAH 84043
(801) 450-3511, (801) 439-0700 FAX

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Date Folder: 7/27/2011

DESIGNED: AH
DRAWN: AH
CHECKED: SSC

SHEET 1–1