NOTES:

1) THIS SURVEY IS NOT A "LAND SURVEY PLAT" OR AN "IMPROVEMENT SURVEY PLAT". APPROXIMATE PROPERTY LINES SHOWN HEREON ARE FROM RECORD PROPERTY DESCRIPTIONS PROVIDED BY CLIENT. BOUNDARY DETERMINATIONS ARE NOT A PART OF THE SURVEYOR'S STATEMENT SHOWN HEREON.

2) THE CLIENT DID NOT REQUEST THAT RECORDED RIGHTS-OF-WAY, EASEMENTS AND ENCUMBRANCES BE RESEARCHED AND THEY ARE NOT SHOWN ON THIS SURVEY AND ARE NOT A PART OF THE SURVEYOR'S STATEMENT SHOWN HEREON.

3) NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE SURVEYOR'S STATEMENT SHOWN HEREON.

4) SITE BENCHMARK: CITY OF LAFAYETTE VERTICAL CONTROL BENCHMARK NO. 5, CHISELED SQUARE, NE CORNER OF STORM INLET BOX, NE CORNER PASCHAL DRIVE AND N. 96TH STREET (HWY 42) NEAR THE E 1/4 CORNER OF SECTION 5, T1S, R69W, ELEVATION = 5355.60' (NGVD 29)

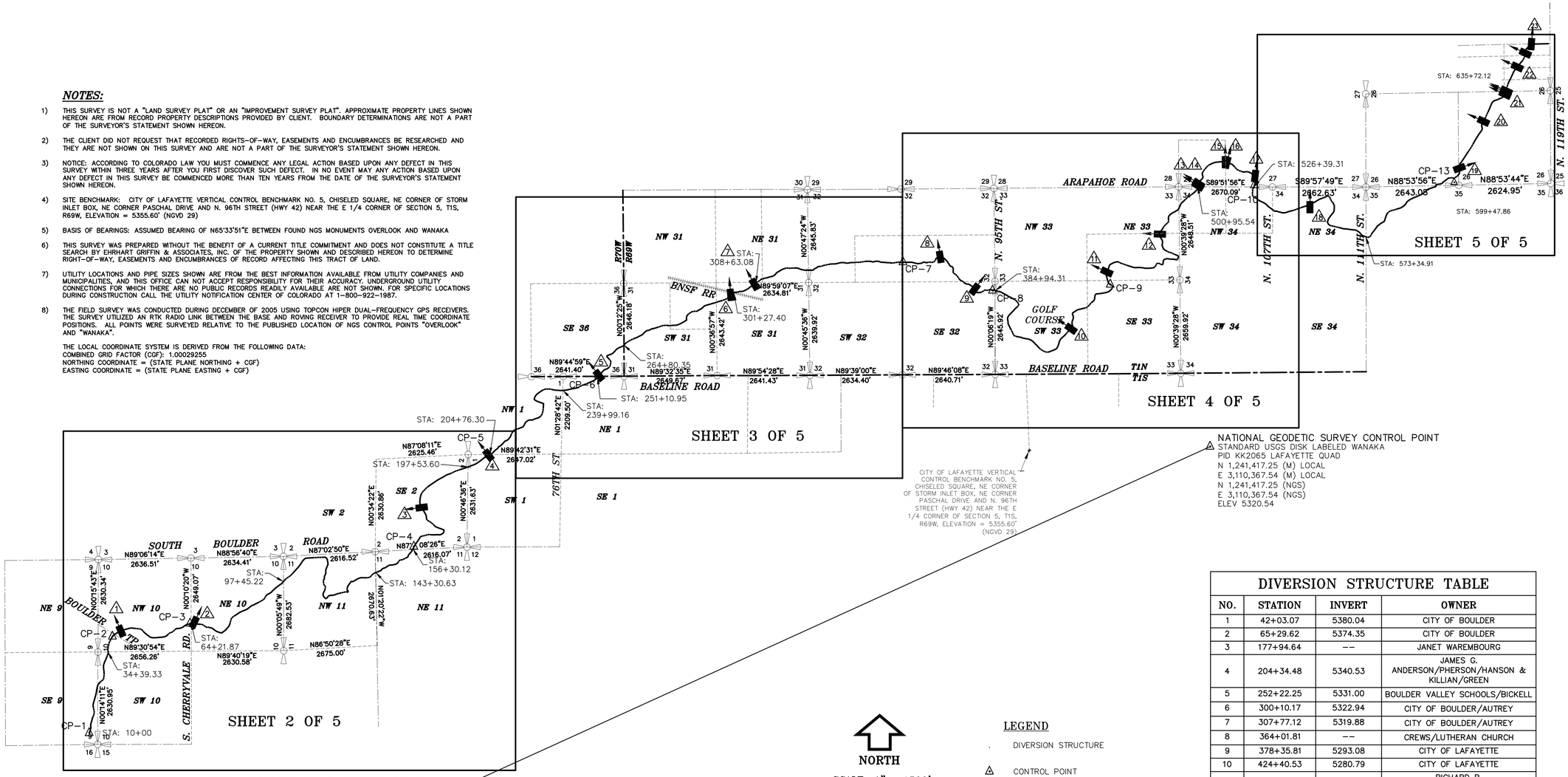
5) BASIS OF BEARINGS: ASSUMED BEARING OF N65°33'51"E BETWEEN FOUND NGS MONUMENTS OVERLOOK AND WANAKA

6) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT AND DOES NOT CONSTITUTE A TITLE SEARCH BY EHRHART GRIFFIN & ASSOCIATES, INC. OF THE PROPERTY SHOWN AND DESCRIBED HEREON TO DETERMINE RIGHT-OF-WAY, EASEMENTS AND ENCUMBRANCES OF RECORD AFFECTING THIS TRACT OF LAND.

7) UTILITY LOCATIONS AND PIPE SIZES SHOWN ARE FROM THE BEST INFORMATION AVAILABLE FROM UTILITY COMPANIES AND MUNICIPALITIES, AND THIS OFFICE CAN NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. UNDERGROUND UTILITY CONNECTIONS FOR WHICH THERE ARE NO PUBLIC RECORDS READILY AVAILABLE ARE NOT SHOWN. FOR SPECIFIC LOCATIONS DURING CONSTRUCTION CALL THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987.

8) THE FIELD SURVEY WAS CONDUCTED DURING DECEMBER OF 2005 USING TOPCON HIPER DUAL-FREQUENCY GPS RECEIVERS. THE SURVEY UTILIZED AN RTK RADIO LINK BETWEEN THE BASE AND ROVING RECEIVER TO PROVIDE REAL TIME COORDINATE POSITIONS. ALL POINTS WERE SURVEYED RELATIVE TO THE PUBLISHED LOCATION OF NGS CONTROL POINTS "OVERLOOK" AND "WANAKA".

THE LOCAL COORDINATE SYSTEM IS DERIVED FROM THE FOLLOWING DATA:
COMBINED GRID FACTOR (CGF): 1.00029255
NORTHING COORDINATE = (STATE PLANE NORTHING + CGF)
EASTING COORDINATE = (STATE PLANE EASTING + CGF)



NATIONAL GEODETIC SURVEY CONTROL POINT
STANDARD USGS DISK
LABELED OVERLOOK
PID KK206, LOUISVILLE QUAD
N 1,231,337.09 (M) LOCAL
E 3,088,182.92 (M) LOCAL
N 1,231,337.21 (NGS)
E 3,088,183.19 (NGS)
ELEV 5676.09

CITY OF LAFAYETTE VERTICAL CONTROL BENCHMARK NO. 5, CHISELED SQUARE, NE CORNER OF STORM INLET BOX, NE CORNER PASCHAL DRIVE AND N. 96TH STREET (HWY 42) NEAR THE E 1/4 CORNER OF SECTION 5, T1S, R69W, ELEVATION = 5355.60' (NGVD 29)

NATIONAL GEODETIC SURVEY CONTROL POINT
STANDARD USGS DISK LABELED WANAKA
PID KK2065 LAFAYETTE QUAD
N 1,241,417.25 (M) LOCAL
E 3,110,367.54 (M) LOCAL
N 1,241,417.25 (NGS)
E 3,110,367.54 (NGS)
ELEV 5320.54

NORTH

SCALE: 1" = 1500'

0 750 1500 3000

LEGEND

. DIVERSION STRUCTURE

△ CONTROL POINT

△1 DIVERSION STRUCTURE NUMBER

DIVERSION STRUCTURE TABLE

NO.	STATION	INVERT	OWNER
1	42+03.07	5380.04	CITY OF BOULDER
2	65+29.62	5374.35	CITY OF BOULDER
3	177+94.64	--	JANET WAREMBOURG
4	204+34.48	5340.53	JAMES G. ANDERSON/PHERSON/HANSON & KILLIAN/GREEN
5	252+22.25	5331.00	BOULDER VALLEY SCHOOLS/BICKELL
6	300+10.17	5322.94	CITY OF BOULDER/AUTREY
7	307+77.12	5319.88	CITY OF BOULDER/AUTREY
8	364+01.81	--	CREWS/LUTHERAN CHURCH
9	378+35.81	5293.08	CITY OF LAFAYETTE
10	424+40.53	5280.79	CITY OF LAFAYETTE
11	448+86.60	5271.74	RICHARD R. ROLLINS/HASKINS/STEWARD/ANGST ADT/HOWLAND
12	482+85.72	5264.74	CAMERON/TARVIN TRUST/HAZZARD/GRAFF
13	501+28.16	5261.97	ARAPAHOE WATER/ HEAVY USERS/KUGLER/ANDREW FAMILY
14	501+97.65	5258.47	MILLER
15	513+34.32	--	MILLER
16	513+87.74	--	TOWN OF ERIE
17	523+21.31	5257.41	MITCHELL LATERAL
18	546_+43.31		KUHL
19	609+07.40		BATEMAN BOULDER COUNTY
20	624+51.90		
21	634+88.68		HARBOR
21A	635+52.84		FLATIRONS INVESTORS
21B	635+57		ORMSBEE
22	643+53.28		STUART
22A	648+09.90		PAGE
23	651+35		PRICE/FLATIRONS INVESTORS

CONTROL POINT TABLE

POINT NUMBER	STATION	OFFSET	NORTH	EAST	ELEVATION	LOCATION
CP-1	10+00.44	4.27 R	1233268.95	3078454.84	5390.83	S END OF E HEADWALL AT HEADGATE
CP-2	39+09.54	7.45 R	1236014.84	3079116.64	5380.91	E END OF HW ON S SIDE US36
CP-3	63+90.95	5.19 L	1236384.22	3081324.07	5374.57	N END OF HW W SIDE CHERRYVALE
CP-4	157+34.35	6.92 L	1238576.32	3087696.77	5354.77	W END OF HW ON N SIDE S BOULDER RD
CP-5	204+36.28	3.58 L	1241180.76	3089818.88	5342.66	W HEADWALL AT DIV. STRUCTURE
CP-6	251+38.09	5.66 L	1243440.00	3092960.00	5336.68	W END HEADWALL N OF BASELINE
CP-7	352+57.31	4.94 L	1246667.05	3101626.01	5303.79	N END HEADWALL ON E SIDE OF WICKLOW
CP-8	384+29.80	8.70 R	1245870.80	3104176.35	5296.66	N END HEADWALL ON W SIDE OF 95TH
CP-9	444+85.49	2.85 L	1246029.25	3107526.11	5280.66	W END HEADWALL ON N SIDE OF INDIAN PEAKS
CP-10	525+84	0.19 R	1248857.93	3111633.84	5261.84	W END HEADWALL NW COR ARAPAHOE & STONEHENGE

SOUTH BOULDER CANON DITCH CONTROL POINT 2005 LS 29414

SURVEYOR'S STATEMENT:

I, JOHN P. EHRHART, A DULY REGISTERED LAND SURVEYOR, LICENSED IN THE STATE OF COLORADO, HEREBY STATE FOR AND ON BEHALF OF INTEGRAL SURVEYING, INC., THAT A SURVEY WAS CONDUCTED BY ME OR UNDER MY DIRECT SUPERVISION, RESPONSIBILITY AND CHECKING ON OR AROUND DECEMBER 1, 2005 AND DECEMBER 15TH, 2007.

COLORADO REGISTERED JOHN P. EHRHART 29414 PROFESSIONAL LAND SURVEYOR

JOHN P. EHRHART
COLORADO P.L.S. #29414
PRESIDENT, INTEGRAL SURVEYING, INC.
568 BRIGGS ST, P.O. BOX 930
ERIE, COLORADO 80516, (303) 828-3340

PROJECT NO.
C065155

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Mapping the Future
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www.coloradoalta.com

DITCH LOCATION SURVEY
SOUTH BOULDER CANON DITCH
T1S, T1N, R69W, R70W, 6TH P.M.
COUNTY OF BOULDER, STATE OF COLORADO

REVISIONS		
NO.	DATE	BY	DESCRIPTION

DATE: 07/25/2008
FIELD WORK BY: IS
DRAWN BY: SRA
CHECKED BY: JPE

SHEET NO.
1 OF 5

Drawing file: C065155.dwg
Plotted: Aug 11, 2008 - 3:36pm