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THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Desination – GPS No. 1
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished

Broomfield Surveyed Point

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Scale Factor 0.999973458

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Southwest 1/4 of Section 36, T1S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 120th Ave. and Main St.
in Broomfield, go North on Main St. to intersection of E. 3rd Ave. then
East to intersection of DesCombes Dr., then South to City Municipal
Center’s median in East parking lot. The mark is a GPS cap in the
sidewalk, located 7.0’ South of the back of the curb and 12.8’ West of
the back of the curb.
GPS Control Points

Designation – GPS No. 2
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)


NGS Unpublished  Broomfield Surveyed Point

Latitude 39°55'20.33150” N
Longitude 105°01’29.14990” W
NSPCS Northing 1214905.232 Easting 3133290.135
Height (Orthometric) 1594.199 Meters 5230.303 (US) Feet (Adjusted)
Scale Factor 0.999973180

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 32, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 120th Ave. and Lowell Blvd. in Broomfield, travel North 0.5 miles to W. 124th Ave., travel East into Wastewater treatment plant. Access the site through a parking lot at the Northwest corner of the Administration Building. Continue to a bermed area in the Northwest corner of the property. The mark is 57’ South of the North fence and 47’6” East of the West fence line. The mark is a brass 3.25” GPS cap set in concrete at ground level.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – GPS No. 3
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 18, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of Lowell Blvd. and W. 144th Ave. in Broomfield, travel East to the water treatment plant (4395 W. 144th Ave.). Access to the mark is through the treatment plant. Please check in at water treatment plant to gain access to the mark. The mark is 0.2 miles North of the fence line and is a GPS cap in the ground on the Northeast side of the dam.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Desination – GPS No. 4
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

⭐ NGS Unpublished  Broomfield Surveyed Point

MONUMENT DESTROYED

Contact—
The City and County of Broomfield,
GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.
Desination – GPS No. 5
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum – Not Available at this time


NGS Unpublished Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 8, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 120th Ave and Lowell Blvd. In Broomfield, go North on Lowell Blvd. to the intersection of W.160th Ave., then east, to Zuni St. The mark is a rebar in the ground, located in the southwest corner the intersection.
GPS#6.DOC

THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – GPS No. 6
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCC) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished  Broomfield Surveyed Point

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| Height (Orthometric) | 1618.494 Meters | 5310.008 (US) Feet (Adjusted) |

| Scale Factor      | 0.999972561 |

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Northwest 1/4 of Section 31, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of E. Midway Blvd.
and Sheridan Blvd. in Broomfield, travel East to the
intersection of E. Midway Blvd. and W. 128th Pl. The mark is
on the North side of E. Midway Blvd., 24.5’ SE from SW
Property Corner and 52.2 north from B.O.C. The mark is a
GPS cap in the ground with an orange witness post
approximately 1’ to the north.

View North to Monument
GPS#7.DOC

The station is located in The City and County of Broomfield, in the Southeast ¼ of Section 25, T1S, R69W of the 6th Principal Meridian.
To reach the station from the intersection of Sheridan Blvd. and W. 136th Ave. travel South on Sheridan Blvd. to 200 ft. South of E. 13th Ave. on the West side of Sheridan Blvd. The mark is a cap in the ground located 4.3' West of the fence ROW and 3' South of the utility easement.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – GPS No. 8
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

GPS Monument

NGS Unpublished Broomfield Surveyed Point

Position
Latitude 39°54’25.53425” N
Longitude 105°04’17.68645” W

NSPCS
Northing 1209293.652
Easting 3120186.565

Height (Orthometric) 1631.977 Meters 5354.244 (US) Feet (Adjusted)

Scale Factor 0.99997472

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 1 T2S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of W 120th Ave. and Main St. in Broomfield, go South on Main St. to the intersection of W. 116th Ave., then south to a greenbelt on the East side of street. The mark is a GPS cap in the ground, located 5.33’ south of the north fence line, 23.0’ east of the west fence line or the east ROW line of Main St.
GPS Monument

NGS Unpublished Broomfield Surveyed Point

Position

Latitude 39°55'30.44106" N
Longitude 105°05'24.74296" W

NSPCS

Northing 1215836.576
Easting 3114930.796

Height (Orthometric)

1643.129 Meters 5390.831 (US) Feet (Adjusted)

Scale Factor 0.999972902

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 35, T1S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of U.S. Highway 287 and U.S. Highway 36 in Broomfield, go North on U.S. Highway 287 to the intersection of W.6th Ave., then east, then immediately south following the parking area to the east side of the Blue Star Memorial Park. The mark is a GPS cap in the ground, located on the north side of the “Blue Star Memorial Park” stone sign.
GPS Control Points

Designation – GPS No. 10
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

GPS Monument

NGS Unpublished Broomfield Surveyed Point

Position
Latitude 39°55′44.11528″ N
Longitude 105°06′38.75890″ W

Northing
NSPCS 1217194.231

Easting
3109158.504

Height (Orthometric)
1660.701 Meters 5448.484 (US) Feet (Adjusted)

Scale Factor 0.999972530

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Southeast 1/4 of Section 28, T1S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of Midway Blvd. and US
Highway 287 in Broomfield, travel West to the intersection of Midway
Blvd. and Hoyt St., then North to the intersection of Hoyt St. and W.
10th Ave. Pl., then West to the end of the street. The mark is 29.0′
West of lot corner and 116′ North of fence. The mark is a GPS cap set
in concrete in the ground with an orange witness post approx. 1′ to the
South.
GPS CONTROL POINTS

Designation – GPS No. 12
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

MONUMENT DESTROYED

Contact—
The City and County of Broomfield,
GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS
Designation – GPS No. 11
State/County – CO/Boulder
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.
The station is located in the Jefferson County Airport, in the
Northeast 1/4 of Section 4, T2S, R69W, of the 6th Principal Meridian.
To reach the station from the intersection of Highway 121 and
JEFFCO Airport Ave., travel West to intersection of JEFFCO Airport
Ave. and Airport Way, then travel South to a location east of tower,
the mark is 46’ East of Airport Way ROW, 126.75’ North of parking
lot flow line. The mark is a GPS cap in the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET  
GPS CONTROL POINTS  
May 2006

Designation – GPS No. 13  
State/County – CO/Broomfield  
USGS Quad – Lafayette (1994)

GPS Monument  

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)  

NGS Unpublished  Broomfield Surveyed Point

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Scale Factor 0.999972550

Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the  
Northwest 1/4 of Section 36, T1S, R69W, of the 6th Principal  
Meridian.

To reach the station from the intersection of Main St. and Eagle  
Way/E. 10th AVE. in Broomfield, travel to the Southeast corner of the  
intersection. The mark is 10’ South of the E. 10th AVE. flow line and  
9’ East of the Main Street flow line. The mark is a 2” round cap set in concrete.

View North to Monument

Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the  
Northwest 1/4 of Section 36, T1S, R69W, of the 6th Principal  
Meridian.

To reach the station from the intersection of Main St. and Eagle  
Way/E. 10th AVE. in Broomfield, travel to the Southeast corner of the  
intersection. The mark is 10’ South of the E. 10th AVE. flow line and  
9’ East of the Main Street flow line. The mark is a 2” round cap set in concrete.
GPS Monument

GPS Control Point

Designation – GPS No. 15
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCC) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

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<tr>
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Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 32, T1S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of State Highway 121 and Interlocken Loop (SH 128) in Broomfield, travel to the Southwest corner of the intersection. Travel west on Interlocken Loop (SH 128) to Eldorado Blvd. Then travel Northeast on Eldorado Blvd. to a curved portion of the road approximately 500 feet west of the west side of the Camden Apts. The mark is 13.0 feet north of the concrete flowline of the median and 16.3 feet south of the concrete flowline of the median. The mark is a 3 ¼ inch brass cap set in concrete.
GPS MONUMENT

**GPS No. 14**

**State/County:** CO/Broomfield  
**USGS Quad:** Lafayette (1994)

**Horizontal Datum:** NAD 83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

**Vertical Datum:** NAVD 88 – (North American Vertical Datum of 1988)

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**NGS Unpublished**  
**Broomfield Surveyed Point**

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Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.  
The station is located in The City and County of Broomfield, at the  
East quarter corner of Section 33, T1S, R69W, of the 6th Principal Meridian.  
To reach the station from the intersection of State Highway 121 and Interlocken Loop (SH 128) in Broomfield, travel to the Southwest corner of the intersection.  
Travel west on Interlocken Loop (SH 128) to Interlocken Blvd.  
Then travel Northwest on Interlocken Blvd. to East Interlocken Park.  
The mark is 60.0 feet northeast of Interlocken Blvd, 48.1 feet west of center of a large manhole, and 97.0 feet south of a concrete canal. The mark is a 3 ¼ inch brass cap set in concrete.
GPS Control Points

September 2005

Designation – GPS No. 16
State/County – CO/Broomfield
USGS Quad – Louisville (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)


NGS Unpublished  Broomfield Surveyed Point

MONUMENT NOT AVAILABLE
GPS MONUMENT

GPS Control Point

Date: May 2006

Designation: GPS No. 17
State/County: CO/Broomfield


NGS Unpublished Broomfield Surveyed Point

Position
Latitude 39°57’19.85592” N
Longitude 105°02’52.09049” W

Northing NSPCS 1226965.558
Easting 3126766.723

Height (Orthometric) 1631.362 Meters 5352.238 (US) Feet (Adjusted)

Scale Factor 0.999970047

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian. To reach the station from the intersection of Sheridan Blvd. and W. 144th Ave. in Broomfield, travel South on Sheridan Blvd. to Spyglass Dr. Then travel East on Spyglass Dr to Mission Way. The marker is located on the Northwest corner of Spyglass Dr. and Mission Way.
GPS CONTROL POINTS

Designation – GPS No. 18
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished   Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian. To reach the station from the intersection of Sheridan Blvd. and W. 136th Ave. in Broomfield, travel North on Sheridan Blvd. to Meadowmountain Dr. Then travel East on Meadow Mountain Dr to the Southeast corner of Broadlands West Park.
Designation – GPS No. 19
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)


GPS Monument

NGS Unpublished  Broomfield Surveyed Point

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Scale Factor 0.999970343

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian.
To reach the station from the intersection of Sheridan Blvd. and W. 144th Ave. in Broomfield, travel East on W. 144th Ave. to Augusta Dr. Then travel South and then East on Augusta Dr.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – GPS No. 20
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

Position
Latitude
39°56'57.07881" N
Longitude
105°02'26.20838" W
Northing
1224671.207
Easting
3128794.107
NSPCS
Height (Orthometric)
1613.354 Meters
5293.155 (US) Feet (Adjusted)
Scale Factor
0.999970618

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Southeast 1/4 of Section 19, T1S, R68W, of the 6th Principal
Meridian.
To reach the station from the intersection of Lowell Blvd. and W.
136th Ave. in Broomfield, travel North on Lowell Blvd. to Broadlands Ln.
Then travel Northwest on Broadlands Ln. to Broadlands Dr.
The marker is located on the Southwest corner of the intersection of
Broadlands Ln. and Broadlands Dr.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – GPS No. 21
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

May 2006

GPS Monument

GPS Control Points

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)


NGS Unpublished Broomfield Surveyed Point

Position
Latitude 39°56'56.83277” N
Longitude 105°02'46.62848” W
Northing 1224638.123
Easting 3127203.970

NSPCS

Height (Orthometric) 1616.516 Meters 5303.531 (US) Feet (Adjusted)

Scale Factor 0.999970624

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Southwest 1/4 of Section 19, T1S, R68W, of the 6th Principal
Meridian.

To reach the station from the intersection of Sheridan Blvd. and W. 136th Ave. in Broomfield, travel East on W. 136th Ave. to Broadlands Dr. Then travel North on Broadlands Dr. to Castle Ln. Travel North on Castle Ln to Castle Cir. The marker is located on the Southwest corner of a vacant lot.
GPS控制点

GPS Monument

位置

纬度

经度

NSPCS

高程 (正高)

比例因子

联系人——The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834。

该站点位于The City and County of Broomfield，位于Southwest 1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian。

要到达该站点，从Sheridan Blvd.和W. 136th Ave.在Broomfield，向东行驶在W. 136th Ave. to Broadlands Dr.的交汇处。标记位于Southwest corner at the intersection of W. 136th Ave and Broadlands Dr.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – GPS No. 23
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished  Broomfield Surveyed Point

Position  Latitude  Longitude

39°56'48.00087” N  105°02'02.89135” W

Northing  Easting

1223762.126  3130614.802

Height (Orthometric)  Scale Factor

1603.973 Meters  0.999970849

5262.380 (US) Feet (Adjusted)

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Southwest 1/4 of Section 20, T1S, R68W, of the 6th Principal
Meridian.

To reach the station from the intersection of Lowell Blvd. and W.
136th Ave. in Broomfield, travel North on Lowell Blvd. to
Broadlands Ln. The marker is located on the Northeast corner at
the intersection of Lowell Blvd and Broadlands Ln.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – GPS No. 24
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

May 2006

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished  Broomfield Surveyed Point

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| Height (Orthometric) | 1610.523 Meters | 5283.867 (US) Feet (Adjusted) |

| Scale Factor | 0.999970322 |

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian.
To reach the station from the intersection of Lowell Blvd. and W. 136th Ave. in Broomfield, travel North on Lowell Blvd. to Broadlands Ln. The marker is located on the Northeast corner at the intersection of Lowell Blvd and Broadlands Ln.

View West to Monument
GPS Control Points

The City and County of Broomfield Survey Sheet

**Designation** – GPS No. 25
**State/County** – CO/Broomfield
**USGS Quad** – Lafayette (1984)

**GPS Monument**

**Horizontal Datum** - NAD 83/92 - HARN (High Accuracy Reference Network) Based (SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
**Ellipsoid GRS 80** – (Geodetic Reference System of 1980)


**NGS Unpublished**  
*Broomfield Surveyed Point*

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Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 20, T1S, R68W, of the 6th Principal Meridian.
To reach the station from the intersection of Lowell Blvd. and W. 144th Ave. in Broomfield, travel South on Lowell Blvd. to Broadlands Dr. Travel east on Broadlands Dr. to Whitney Cir.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – GPS No. 26
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished  Broomfield Surveyed Point

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| Height (Orthometric) | 1609.082 Meters | 5279.142 (US) Feet (Adjusted) |

| Scale Factor       | 0.999970115 |

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 20, T1S, R68W, of the 6th Principal Meridian.
To reach the station from the intersection of Lowell Blvd. and W. 144th Ave. in Broomfield, travel East on 144th Ave from Lowell Blvd. to Shannon Dr. Travel South on Shannon Dr.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – GPS No. 27
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

GPS Monument

GPS Control Points - May 2006


NGS Unpublished

Broomfield Surveyed Point

Position
Latitude 39°56'59.35559" N
Longitude 105°01'32.92276" W

NSPCS
Northing 1224923.428
Easting 3132942.618

Height (Orthometric) 1601.987 Meters 5255.864 (US) Feet (Adjusted)
Scale Factor 0.999970560

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 20, T1S, R68W, of the 6th Principal Meridian.
To reach the station from the intersection of Lowell Blvd. and W. 144th Ave. in Broomfield, travel East on W. 144th Ave. to Shannon Dr. Continue traveling south on Shannon Dr past Star Creek Dr. Monument is on the west side of Shannon Dr.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET  
GPS CONTROL POINTS  
May 2006

Designation – GPS No. 28  
State/County – CO/Broomfield  
USGS Quad – Lafayette (1984)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)


NGS Unpublished    Broomfield Surveyed Point

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| Height (Orthometric) | 1604.740 Meters | 5264.894 (US) Feet (Adjusted) |

| Scale Factor | 0.999971121 |

Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the  
Southwest 1/4 of Section 20, T1S, R68W, of the 6th Principal Meridian.  
To reach the station from the intersection of Lowell Blvd. and W. 136th Ave.  
in Broomfield, travel East on W. 136th Ave. to Plaster Cir.
**GPS Control Point**

Designation – GPS No. 29  
State/County – CO/Broomfield  
USGS Quad – Lafayette (1984)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)  

NGS Unpublished  
* Broomfield Surveyed Point

**Position**

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Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast  
1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian.  
To reach the station from the intersection of Lowell Blvd. and W. 144th Ave.  
in Broomfield, travel South on Lowell Blvd.
GPS Control Points

Designation –    GPS No. 30
State/County –   CO/Broomfield
USGS Quad –     Lafayette (1984)


NGS Unpublished    Broomfield Surveyed Point

Position    Latitude    Longitude
            39°57'26.98001” N  105°02'27.27610” W

Northing    Easting
1227696.341  3128695.292

Height (Orthometric)    1625.433 Meters  5332.785 (US) Feet (Adjusted

Scale Factor    0.9999969870

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 19, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of Lowell Blvd. and W. 144th Ave. in Broomfield, travel West on Lowell Blvd. Turn left into the entrance to the Broadlands Golf Course Club House.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

December 2008

Designation – GPS No. 31
State/County – CO/Broomfield
USGS Quad – Lafayette (1984)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

MONUMENT NOT AVAILABLE

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – GPS No. 32
State/County – Co/Broomfield
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished     Broomfield Surveyed Point

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<tbody>
<tr>
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| Height (Orthometric) | 1634.364 Meters | 5362.076 (US) Feet (adjusted) |

| Scale Factor | 0.999946645547 |

Vicinity Map

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834. The station is located in the Southwest ¼ of Section 8, T 1 S, R 68 W of the 6th Principal Meridian. To reach the station from the intersection of the west-bound off-ramp of the Northwest Parkway and Sheridan Parkway, travel south-southwest on Sheridan Parkway 0.8 miles to the monument which lies 50.9 feet northwest of the centerline of Sheridan Parkway and 3.2 feet southeast of an orange witness post. The mark is a standard Broomfield mark on a steel rod, set in range box.

View Northwest to Monument
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – DI CIERO
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published PID A13577 http://www.ngs.noaa.gov/

Position
Latitude 39°55'42.22788" N
Longitude 105°01'08.45690" W

NSPCS
Northing 1217129.5102
Easting 3134890.2664

Height (Orthometric) 1589.9 Meters 5216.00 (US) Feet (Adjusted)

Scale Factor 0.99997258

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020,
303-464-5834.

The station is located in the northeast ¼ of Section 32,
T1S, R68W of the 6th Principal Meridian.

To reach the station from the intersection of Zuni
Street and E. Midway Blvd, travel West 890 feet to the
point identified by an orange witness post and
Broomfield disk on a #5 rebar in the ground.
GPS Monument

**NGS Unpublished**  
**Broomfield Surveyed Point**

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 28, T1S, R69W.

To reach the station from the intersection of Storage Tek Dr., and US 36 travel to the Southwest end of the bridge. The mark is 64.3’ North of the US 36 exit ramp flow line and 4’ West of the Storage Tek Dr. flow line. FC-1 is a 3” round cap set in the concrete sidewalk.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – FC - 2
State/County – CO/Boulder
USGS Quad – Lafayette (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City of Louisville in the
Southeast 1/4 of Section 20, T1S R69W. To reach the station from the
Intersection of US 36 and 96th St. travel North on 96th St. to the
intersection of Tape Dr. and 96th St. Travel West on Tape Dr.
to the parking lot of the StorageTek Wellness Center.

The mark is in the Southwest corner of the parking lot and is 0.5' West
of the parking lot flow line and 0.5' South of the parking lot flow line.
FC-2 is a 2" round cap set in the concrete curb.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS
March 2007

Designation – Lucy
State/County – CO/Broomfield
USGS Quad – Erie (1967)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published AI3578 http://www.ngs.noaa.gov/

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Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020,
303-464-5834.
The station is located in the northwest ¼ of Section 4,
T1S, R68W of the 6th Principal Meridian.
To reach the station from the intersection of I-25 and
S.H.7, travel west 1.8 miles to a point on the south side of
S.H.7 which is identified by an orange witness post and
Broomfield disk on a #5 rebar in the ground.
GPS Control Points

Designation – Ramona
State/County – CO/Weld
USGS Quad – Frederick (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published PID AI3576 http://www.ngs.noaa.gov/

MONUMENT DESTROYED

Contact—
The City and County of Broomfield,
GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.
**GPS Control Points**

**Designation** – Ramona Reset  
**State/County** – CO/Weld  
**USGS Quad** – Frederick (1994)

**Horizontal Datum** - NAD 83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)  

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**Contact**—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in the northeast ¼ of Section 23, T1N, R68W of the 6th Principal Meridian.

To reach the station from the overpass of Interstate 25 and County Road 8, the Erie Exit, go east 0.15 miles to the station on the right. The mark is a standard Broomfield mark on a steel rod, set in concrete, in an access cover.

The mark is 22.5 ft south of the back edge of a 5’ concrete walk and 1.5’ east of center of manhole for a storm water inlet on south curb line of County Road 8.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS A413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

NGS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based (SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet

Ellipsoid GRS 80 – (Geodetic Reference System of 1980)


NGS Published

Broomfield Surveyed Point

Position
Latitude 39°54'51.54768" N
Longitude 105°02'40.00158" W

NSPCS
Northing 1211963.766
Easting 3127785.184

Height (Orthometric) 1605.495 Meters
5267.362 (US) Feet (Adjusted)

Scale Factor 0.999973985

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 31, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 120th Ave. and Lowell Blvd. in Broomfield travel West to the intersection of W. 120th Ave and N. Perry St. The mark is 0.3 miles West of N. Perry St. and 1° South of W. 120th Ave ROW. The mark is a 5-Inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
NGS Monument

NGS B413

Position
Latitude
39°54’52.53097” N
Longitude
105°04’18.03779” W
Northing
1212025.190
Easting
3120145.992
Height (Orthometric)
1635.184 Meters
5364.766 (US) Feet (Adjusted)
Scale Factor
0.999973957

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of
Section 36, T1S, R69W, of the 6th Principal Meridian.

The station is at the intersection of U.S. Highway 287 and Main St. in Broomfield.
The mark is 2.0’ east of the east flow line of Main St., 36.0’ north of the north flow
line of U.S. Highway 287. The mark is a NGS Monument with a 5-inch logo cap in
the ground and access to the stainless steel rod set to the depth of 4.3 meters
encased in a pipe flush with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS
January 2006

Designation – Baseline
State/County – CO/Adams
USGS Quad – Eastlake (1994)

GPS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCE) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

🌟 NGS Published  AB3292  http://www.ngs.noaa.gov/

MONUMENT DESTROYED

Contact—
The City and County of Broomfield,
GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.
Designation – Broomfield Green Tank
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

- Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
  (SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
- Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published  KK2051  http://www.ngs.noaa.gov/

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast quarter of section 26, T1S, R69W and is 0.25 miles west-southwest of the intersection of Main Street and Carbon Road (W. 136th Avenue).

The top center of the vent was intersected. The tank is greenish blue with upside down T-shaped ornaments around the side of the tank.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS C413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

MONUMENT NOT ACCESSIBLE

Latitude Longitude
Position 39°55'11.47666" N 105°04'38.54612" W
NSPCS 1213934.549 3118538.907
Height (Orthometric) 1634.620 Meters 5362.916 (US) Feet (Adjusted)
Scale Factor 0.999973426

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southeast
1/4 of Section 35, T1S, R69W, of the 6th Principal Meridian.
To reach the station from the intersection of W. 120th Ave. and Emerald St. in
Broomfield, travel North to W. Elmhurst Place, in the Southeast corner of the
Emerald Elementary School lawn, 11.5 ft North of the W. Elmhurst Place flow
line and 16.5 ft West of the Emerald St. flow line. The mark is a 5-Inch logo
cap in the ground, with access to the stainless steel rod set to the depth of
11.0 meters encased in a pipe flush with the ground.
NGS Monument

THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS D413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
( SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published KK1422

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, at the intersection of West 10th Ave. and Main St., at the SE corner of the Broomfield High School Athletic field and 7.5 ft west of a fence corner and 1 ft south of the fence. Access to the datum point is through a 5-inch logo cap and is above level with the avenue.
Designation – Energy
State/County – CO/Jefferson
USGS Quad – Louisville (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published KK 1797 [http://www.ngs.noaa.gov/]

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Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr. Broomfield, CO 80020, 303-464-5834.

The station is located in the Northeast 1/4 of Section 1, T2S,
R70W, of the 6th Principal Meridian.

To reach the station from the intersection of Highway 128 and
Indiana St., the mark is on the Southwest corner of the
intersection, 5.25' North of fence and is 336' West of Indiana
St. ROW. The mark is a cap in the ground.
**THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET**

**GPS CONTROL POINTS**

- **Designation:** NGS F413
- **State/County:** CO/Broomfield
- **USGS Quad:** Lafayette (1994)

**NGS Unpublished Broomfield Surveyed Point**

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| Scale Factor | 0.999973994 |


Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 2, T2S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 120th Ave. and Wadsworth Blvd. in Broomfield, travel 40'-11" East of Railroad ROW, and 6'-4" South of southern line of 120th Ave. The mark is a 5-Inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
# THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
## GPS CONTROL POINTS

**May 2006**

**Designation** – NGS G413  
**State/County** – CO/Broomfield  
**USGS Quad** – Lafayette (1994)

**Horizontal Datum** - NAD 83/92 - HARN (High Accuracy Reference Network) Based  
**(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet**  
**Ellipsoid GRS 80** – (Geodetic Reference System of 1980)


**NGS Unpublished**  
**Broomfield Surveyed Point**

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**Contact**  
The City and County of Broomfield, GIS Division,  
One DesCombes Dr. Broomfield, CO 80020, 303-464-5834.  

The station is located in The City and County of Broomfield, in the  
Northwest 1/4 of Section 25, T1S, R69W, of the 6th Principal Meridian.  
To reach the station from the intersection of Main St. and W. 136th Ave. in  
Broomfield, travel South to the intersection of Main St. and E. 14th Ave.  
The mark is located on the East side of Main St., South of E. 14th Ave. and  
is 54.0' North of corner of the fence and 72.3' West of the other fence  
corner. The mark is a 5-Inch logo cap in the ground with access to the  
stainless steel rod set to the depth of 4.9 meters encased in a pipe flush  
with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – NGS H413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published

Latitude
Northing
NSPCS
Height (Orthometric)
Scale Factor

Position
39° 56’ 35.49034” N
1222442.994
1668.523
0.99997117

Longitude
105° 04’ 18.51428” W
Easting
3120058.569
Meters
5474.15 (US) Feet (Adjusted)

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest
1/4 of Section 25, T1S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of Main St. and W. 136th Ave. in
Broomfield, the mark is 20.3’ East of Main St. flow line and 12’ South of W.
136th Ave. flow line. The mark is a 5-Inch logo cap in the ground, with access to
the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush
with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS J413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

Horizontal Datum – Not Available at this time


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<tr>
<td></td>
<td>5412.14 (US) Feet         (Adjusted)</td>
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</table>

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 25, T1S, R69W, of the 6th Principal Meridian.

The mark is located at the intersection of west 136th Ave. and Aspen St. It is 150.9 ft east of the center of the street, 55.4 ft west of the northwest corner of a 16-ft metal culvert, 32.2 ft south of the centerline of the avenue, 5.0 meter north of the northeast corner of a wood fence, and 3.3 ft west of a utility pole and witness pole. The datum point is through a 5-inch logo cap.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS
May 2006

Designation – Jeffco AZ MK
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based (SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published
KK1433 http://www.ngs.noaa.gov/

Latitude Longitude
Position 39° 54’ 06.44949” N 105° 05’ 44.13413” W

Northing 1207330.920
Eastings 3113458.885

Height (Orthometric) 1680.260 Meters 5512.65 (US) Feet (Adjusted)

Scale Factor 0.99997528

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, 1 mile southeast of the Jeffco Airport and 0.9 miles south of the junction of State Highway 121 and U.S. 36, in the southeast ¼ of section 3, T2S, R69W, at State Highway 121 milepost 24.95. To reach the station from the intersection of State Highway 121 travel 1.05 miles to the mark on the left on the North side of the hill and is 1’ East of fence ROW. The mark is a 3-inch brass cap stamped —JEFFCO 1977—and is in a concrete base.

View East to Monument
Designation – Jeffco Reset  
State/County – CO/Broomfield  
USGS Quad – Lafayette (1994)  

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based  
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet  
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)  

NGS Published  

Latitude  
39° 54’ 43.05405” N  

Longitude  
105° 05’ 50.35674” W  

Northing  
1211032.558  

Easting  
3112957.127  

Height (Orthometric)  
1694.016 Meters  
5557.78 (US) Feet (Adjusted)

Scale Factor  
0.99997423

Contact—The City and County of Broomfield, GIS Division,  
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.  
The station is located in The City and County of Broomfield, in  
the Northeast 1/4 of Section 3, T2S, R69W, of the 6th Principal  
Meridian.  
To reach the station from the intersection of Highway 128 and  
Highway 121 in Broomfield, travel South on Highway 121, 0.1  
miles. The mark is 3-inch brass cap in a concrete base, stamped  
–JEFFCO 1977 1980--. It is located 1’ East of the westerly  
Highway 121 ROW and referenced by a witness post in the  
vicinity.
NGS Monument

THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS K413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

Horizontal Datum – Not Available at this time


NGS Unpublished  Broomfield Surveyed Point

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<tbody>
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| Height (Orthometric) | 1635.622 Meters | 5366.202 (US) Feet (Adjusted) |
| Scale Factor - | Not Available |

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 19, T1S, R68W, if the 6th Principal Meridian.

To reach the station from the intersection of Sheridan Blvd. and W. 136th Ave. in Broomfield, the mark is 3.25' South of the Avenue ROW fence line and 46' East of the Blvd. ROW fence line. The mark is a 5-inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.6 meters encased in a pipe flush with the ground.
Designation – NGS L413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)


🌟 NGS Unpublished  Broomfield Surveyed Point

MONUMENT DESTROYED

Contact—
The City and County of Broomfield,
GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.
**NGS Unpublished  Broomfield Surveyed Point**

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<td>Height (Orthometric)</td>
<td>1617.73 Meters</td>
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Scale Factor: 0.999972918

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of Section 36, T1S, R69W, of the 6th Principal Meridian at the Southwest corner of Sheridan Blvd. and Midway Blvd. The mark is located 41'7" West of the Sheridan Blvd. Flow Line and 20'9" South of the Midway Blvd. Flow Line. The mark is stamped –LINE 1977—and is set in the top of a 12 – inch round concrete monument flush with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS M413
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

NGS Monument

**NGS Unpublished**  
*Broomfield Surveyed Point*

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| Height (Orthometric) | 1656.822 Meters | 5435.757 (US) Feet (Adjusted) |
| Scale Factor         | 0.999971984     |          |

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southeast 1/4 of Section 27, T1S, R69W, of the 6th Principal Meridian. To reach the station from the intersection of US 287 and Miramonte Blvd. in Broomfield travel to the Northwest corner of that intersection. The mark is 36.6’ North of Miramonte Blvd. flow line and 181.8’ West of US 287 flow line. The mark is a 5-Inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
THE CITY AND COUNTY OF BROOKFIELD SURVEY SHEET  
GPS CONTROL POINTS  
May 2006

Designation – NGS N413
State/County – CO/Boulder
USGS Quad – Lafayette (1994)


NGS Unpublished  Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in Boulder County, in the Southeast 1/4 of Section 22, T1S, R69W, if the 6th Principal Meridian.

To reach the station from the intersection of US Highway 287 and Miramonte Blvd. in Broomfield travel North to the intersection of US Highway 287 and the train tracks. The marker is located 14.9’ West of railroad ROW fence and 141.5’ West of US 287 ROW fence. The mark is a 5-Inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS Pony
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

Driven by –

NGS Published PID KK2062
http://www.ngs.noaa.gov/

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCC) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

Position

Latitude
39°57'26.73149" N
Northing
1227643.12484

Longitude
105°03'38.43482" W
Easting
3123154.43302

Height (Orthometric)
1654.00 Meters
5426.5 (US) Feet (Adjusted)

Scale Factor
0.999969876

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Northeast 1/4 of Section 24, T1S, R69W, of the 6th Principal
Meridian.

To reach the station from the intersection of S. 124th St. (Aspen St)
and W. 136th Ave. in Broomfield, travel North to the intersection of
S. 124th St. and W. 144th Ave. (Dillon Rd.). Travel East on W. 144th
Ave. The mark is on the South side of W. 144th Ave. near some
storage tanks. The mark is a brass cap set in concrete in the
ground with an orange witness post approximately 1’ to the East.

View South to Monument
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS P413
State/County – CO/Boulder
USGS Quad – Lafayette (1994)

Horizontal Datum – Not Available at this time


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Scale Factor - Not Available

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in Boulder County, in the Southwest 1/4 of Section 14, T1S, R69W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 144th Ave. and US Highway 287 travel East to the intersection of W. 144th Ave. and the railroad tracks. The mark is on the North side of W. 144th Ave. and is 1’ West of railroad ROW (fence) and 40.5’ North of W. 144th Ave. ROW. The mark is a 5-Inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

May 2006

Designation – NGS Q413
State/County – CO/Boulder
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Published KK1556 http://www.ngs.noaa.gov/

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Height (Orthometric) 1614.229 Meters 5296.02 (US) Feet (Adjusted)
Scale Factor 0.99996976

Contact—The City and County of Broomfield, GIS Division,
One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located about 3 miles northwest of Broomfield in the southwest ¼ of section 15, T1S, R69W.

To reach the station from the intersection of U.S. Highway 287 and Dillon Road in Louisville, go west on Dillon Road for 0.95 miles to the intersection of South 104th Street. Turn right, north, for 0.05 miles to the station on the right. The mark is a punch mark, top center on a stainless steel rod driven to refusal, enclosed in a 5-inch PVC pipe with logo LID, surrounded by a concrete and recessed 2 cm below the ground. It is 311.7 feet north from the centerline of Dillon Road, 18.4 feet east from the center of South 104th Street, and referenced by a witness post in the vicinity.
Horizontal Datum – Not Available at this time


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<tbody>
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<tr>
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Height (Orthometric) 1634.782 Meters 5358.29 (US) Feet (Adjusted)

Scale Factor - Not Available

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in Louisville at the intersection of Dillon Rd. and South 96th St., 188.0 ft south of the centerline of the road, 54.8 ft north of a fire hydrant, 19.0 ft east of the center of the street, and 3.0 ft north of a utility pole. Access to the datum point is through a 5-inch logo cap.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS
April 2004

NGS MONUMENT

Designation – NGS T411
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

🌟 NGS Unpublished  Broomfield Surveyed Point

MONUMENT DESTROYED

Contact—
The City and County of Broomfield,
GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.
NGS Unpublished  Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 32, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of W. 120th Ave. and Lowell Blvd. in Broomfield travel 46.2' North from W. 120th Ave. ROW and 1.3' West of Lowell Blvd. ROW on the East side of the road. The mark is a 5-Inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS V411
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

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Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Southwest 1/4 of Section 29, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of Lowell Blvd. and W. 128th Ave. in Broomfield, go North on Lowell Blvd. to the intersection of Lowell Blvd. and Westlake Dr. The mark is 2.3’ West of the Lowell ROW fence and 154.9’ South of the center of the private road. The mark is a 5-inch logo cap in the ground, with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS W411
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

NGS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
(SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)


NGS Unpublished  Broomfield Surveyed Point

Position
Latitude
39°56'29.96340" N
Longitude
105°02'07.11402" W

NSPCS
1221935.274
3130295.504

Height (Orthometric)
1611.762 Meters
5287.923 (US) Feet (Adjusted)

Scale Factor
0.999971314

Contact—The City and County of Broomfield, GIS Division, One
DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the
Northeast 1/4 of Section 30, T1S, R68W, of the 6th Principal Meridian.

To reach the station from the intersection of Lowell Blvd. and W. 136th
Ave. in Broomfield, travel 211 Ft. West of Lowell Blvd. ROW and 544 Ft.
South of W. 136th Ave. ROW. The mark is a NGS Monument. The
datum point is through a 5-inch logo cap in the ground with access to the
stainless steel rod set to the depth of 4.3 meters, encased in a pipe flush
with the ground.
THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS Y411
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

May 2006

NGS Monument

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based
SPCS State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished  Broomfield Surveyed Point

Position
Latitude 39°54'49.45757” N
Longitude 105°03'11.22189” W

NSPCS Northing 1211739.899
Easting 3125353.650

Height (Orthometric) 1610.695 Meters
5284.422 (US) Feet (Adjusted)

Scale Factor 0.999974044

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr.,
Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northeast 1/4 of
Section 1, T2S, R69W, of the 6th Principal Meridian.

The mark is on the Southwest corner of the intersection of W. 120th Ave and
Sheridan Blvd. and is 12.6’ from the Sheridan Blvd. flow line and 1.4’ from W. 120th
Ave. ROW line. The mark is a 5-inch logo cap in the ground, with access to the
stainless steel rod set to the depth of 4.9 meters encased in a pipe. (Located
under secondary cover in sidewalk)
NGS Monument

THE CITY AND COUNTY OF BROOMFIELD SURVEY SHEET
GPS CONTROL POINTS

Designation – NGS Z411
State/County – CO/Broomfield
USGS Quad – Lafayette (1994)

Horizontal Datum - NAD 83/92 - HARN (High Accuracy Reference Network) Based (SPCS) State Plane Coordinate System Colorado North Zone 0501 US Survey Feet
Ellipsoid GRS 80 – (Geodetic Reference System of 1980)

NGS Unpublished Broomfield Surveyed Point

Position

Latitude 39°54'50.55085'' N
Longitude 105°03'55.69415'' W

NSPCS

Northing 1211833.301
Easting 3121887.923

Height (Orthometric) 1624.135 Meters 5328.518 (US) Feet (Adjusted)

Scale Factor 0.999974013

Contact—The City and County of Broomfield, GIS Division, One DesCombes Dr., Broomfield, CO 80020, 303-464-5834.

The station is located in The City and County of Broomfield, in the Northwest 1/4 of Section 1, T2S, R69W, of the 6th Principal Meridian.
To reach the station from the intersection of W. 120th Ave. and Greenway Dr. North in Broomfield, go East on W. 120th Ave 484' from the flow line of the Drive and 1' North of the Southern ROW. The mark is a 5-Inch logo cap in the ground with access to the stainless steel rod set to the depth of 4.9 meters encased in a pipe flush with the ground. It is located on the north side of a cedar fence.

View West to Monument