Getting Land Survey Horizontal & Vertical Control via the Internet

https://www.auroragov.org
aka: City of Aurora home page
Getting Land Survey Vertical & Horizontal Control via the Internet

Pick Maps in the Info List
Getting Land Survey Vertical & Horizontal Control via the Internet

***BOOKMARK THIS PAGE FOR FUTURE REFERENCE***
https://www.auroragov.org/CityHall/Maps/index.htm
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Blue Circles, Squares, and Triangles are Bench Marks

Red Dots are the Public Land Survey System Section and Quarter Section Corners

Pick on the Map and Zoom In to where you want information
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There are several ways to print out this information on Bench Marks and Section & Quarter Section Corners. This tutorial will show three ways.

For Bench Mark Info
PICK
The BM you want

You can Copy and Paste the info in the dialog box to Notepad or Word or

In the dialog box
PICK
More Info

PICK
Open or Save
To open more Info

For Section Corner Info go to page 10
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This Map Book Page shows all the Bench Marks in or near to this Quarter Section. The Label gives you the NAVD 88 name and the aka: NGVD 29 name. The difference between NAVD 88 and NGVD 29 elevations is also shown. NAVD 88 is higher than NGVD 29 elevation.

To print this page, PICK either File or the Printer Icon. This depends on what software you have to open PDFs.
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**PICK**

The Paper Clip icon

The Paper Clip icon may be on the lower left corner or on the left side tool bar.

**Double PICK**

Vertical Control Description
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This text document will print out all the Bench Marks that are within the section lines of the quarter section.

There is another way to print this information, see page 15.
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For Section Corner Info

Pick The Section Corner you want

You can Copy and Paste the info into Notepad or Word

Or

There is another way. See next page
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Pick On the arrows at the top of section corner dialog box until you reach the quarter section your work is in. (See cyan line bordering the quarter section).

Pick More Info
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Pick
Under Category: Map Books
Getting Land Survey Vertical & Horizontal Control via the Internet

Pick View opposite GIS Horizontal Control Map Book
Pick Open or Save
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To print this page, PICK either File or the Printer Icon. This depends on what software you have to open PDFs.

To get this info in a CSV format see next page.

This Horizontal Map Book Page show the Colorado State Plane Coordinates, NAD 83 / 92 Central Zone, Northings & Eastings, Latitude & Longitude, Grid Factor, & Convergence.

It also shows the State Plane Bearings and Distances between corners.
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To see the Section Corner info in a CSV format

Pick The arrow tab at the bottom of the software screen
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Pick Section Corners Tab

Now you can view the info about the Section Corner
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To print out the info and have it in a digital format

Go to the **Select** Tab
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Drag across the Section Corner or Corners you want info on

In this example the one Section Corner
The Section Corner was selected, and everything was highlighted (Selected)
Now click on The Overflow Dots
Opposite of Section Corners
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Pick Export to CSV file

Another dialog box will open.
Getting Land Survey Vertical & Horizontal Control via the Internet

The Section Corner info is listed in an Excel Spreadsheet.

Now is in a Digital Format to be used where you want.
Getting Land Survey Vertical & Horizontal Control via the Internet

Bench Mark information can be exported to a digital format too.

Click **Bench Mark Tab**

To view the Bench Mark information
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Drag across all the Bench Marks you want info on.

In this example four Bench Marks were selected.
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The Bench Marks were selected, and everything was highlighted (Selected)

Now click on The **Overflow** ...

**Dots**

Opposite of Bench Marks

---

<table>
<thead>
<tr>
<th>DOCUMENT LINK</th>
<th>COA ID</th>
<th>ELEVATION US FEET</th>
<th>OLD BENCH MARK ID</th>
<th>AKA</th>
<th>LOCATION ON</th>
<th>DESCRIPTION</th>
<th>GIS_NATPAGE</th>
<th>MONUMENT_TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://example.com">https://example.com</a></td>
<td>456789</td>
<td>5.190 51</td>
<td>07-0550A</td>
<td><strong>K-0500C</strong></td>
<td>POTOMAC</td>
<td><strong>CHISELED “V” ON W EDGE OF SW ANCHOR BOLT &amp; BASE OF TRAFFIC</strong></td>
<td>696</td>
<td>OT</td>
</tr>
</tbody>
</table>
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Pick
Export to CSV file

Another dialog box will open.
Getting Land Survey Vertical & Horizontal Control via the Internet

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**Pick Open**

The Bench Mark info is listed in an Excel Spreadsheet

Now is in a Digital Format to be used where you want.

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| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
| 1 | DOCUM**E** | OBJECTED COA ID | DESCRIPTIO**N** | OLD REF**E**NCE | AREA | LOCATION | DESCR**I**PTION | **GR**E**D** | PLAT | TOWN | MONUMENT | Shape | | | | | | |
| 2 | https://g | 98064567125E | 5, 529.51 | 574565 | **K-007** | POTOMAC CHSE | 0BF | OT | 318920 | 1804690 | 102654 | 318920 | 102654 | |
| 3 | https://g | 98104566075G | 5, 522.20 | 574565 | **K-008** | ALAMEDA STND | COL00 | BC | 3189473 | 1809047 | 102654 | 3189473 | 102654 | |
| 4 | https://g | 9899466318NA | 5, 522.18 | 574565 | **K-009** | ALAMEDA STND | COL05 | BC | 3189285 | 1804575 | 102654 | 3189285 | 102654 | |
| 5 | https://g | 10262456713NE | 5, 518.72 | 574565 | **K-000** | POTOMAC COA | B.C. ST05 | BC | 3189841 | 1804565 | 102654 | 3189841 | 102654 | |

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