

**City of Mount Vernon
Survey Control Network**

Entranco
10900 NE 8th Suite 300
Bellevue, WA 98004
(425) 454-5600

City of Mount Vernon Survey Control Network

PROJECT OVERVIEW:

The City of Mount Vernon Survey Control Network is the result of a digital orthophotography mapping project performed by Entranco of Bellevue Washington and Triathlon Mapping of Richmond B.C. during the summer of 2000. The primary purpose of the survey control network was to provide horizontal and vertical values that would be used as the basis for a city-wide Geographic Information System and also be accessible for public and private projects within the city.

DATABASE:

The database provided is an ACCESS 97 template provided by the Washington Council of County Surveyors (WCCS) and is provided for the City's use with no modification by Entranco. The users guide and template attached is provided by WCCS to guide you in the use and up-dating of the database. The database as provided has "gaps" in the Point ID numbers as a result of double in-putting and then removing data. Please see the Point Gap Report at the back of the database printout for details.

STATION NAMES:

The station names used throughout this data base are based upon the DNR Township scheme where the north line of the township is the "A" line and the West line is the "1" line with numbers and letters increasing by one for each 1/4th mile. This is true for both vertical and horizontal stations. If a monument is near a 1/16th corner the designation is appended with "-1", R7-1, for example. Control stations provided from other sources, NGS, Skagit County or WSDOT, are referred to by that particular agency's point designation.

ELEVATIONS:

One of the project considerations was that the elevation Datum match the Corps of Engineers Skagit River flood study. To meet that need, the National Vertical Geodetic Datum of 1929 (NGVD29) was selected by the City rather than the more recent North American Vertical Datum of 1988 (NAVD88). The vertical control network was constrained to three NGVD29, National Geodetic Survey (NGS) First Order, Class I benchmarks, A331, C331 and E331. Two WSDOT benchmarks (points designated as 1944 and 1945) with NAVD88 elevations reduced to NGVD29 using the NGS "Vertcon" program were also held in the adjustment. The entire network was then adjusted using StarLev least squares adjustment. NGS benchmark Y455 was also included in the network but the elevation published (NGVD29 19.69) did not agree with the results of our survey. The attached database reflects our revised elevation for

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that point of 19.567. Additional NGS benchmarks are included in the database, but were not included in our survey, the data is directly from NGS and is for reference only.

The fieldwork was completed during the months of July and August 2000 with a Zeiss DiNi 10 digital level using simultaneous double-run technique. All sight lines were held to less than 120 feet and 3-5 Lb. "turtles" were used for all turning points. The instrument was calibrated twice daily, once in the morning and then again in early afternoon using the Kukkamaki method. Results achieved a reported accuracy of 1 to 2 centimeters as shown in the database.

HORIZONTAL COORDINATES:

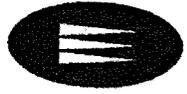
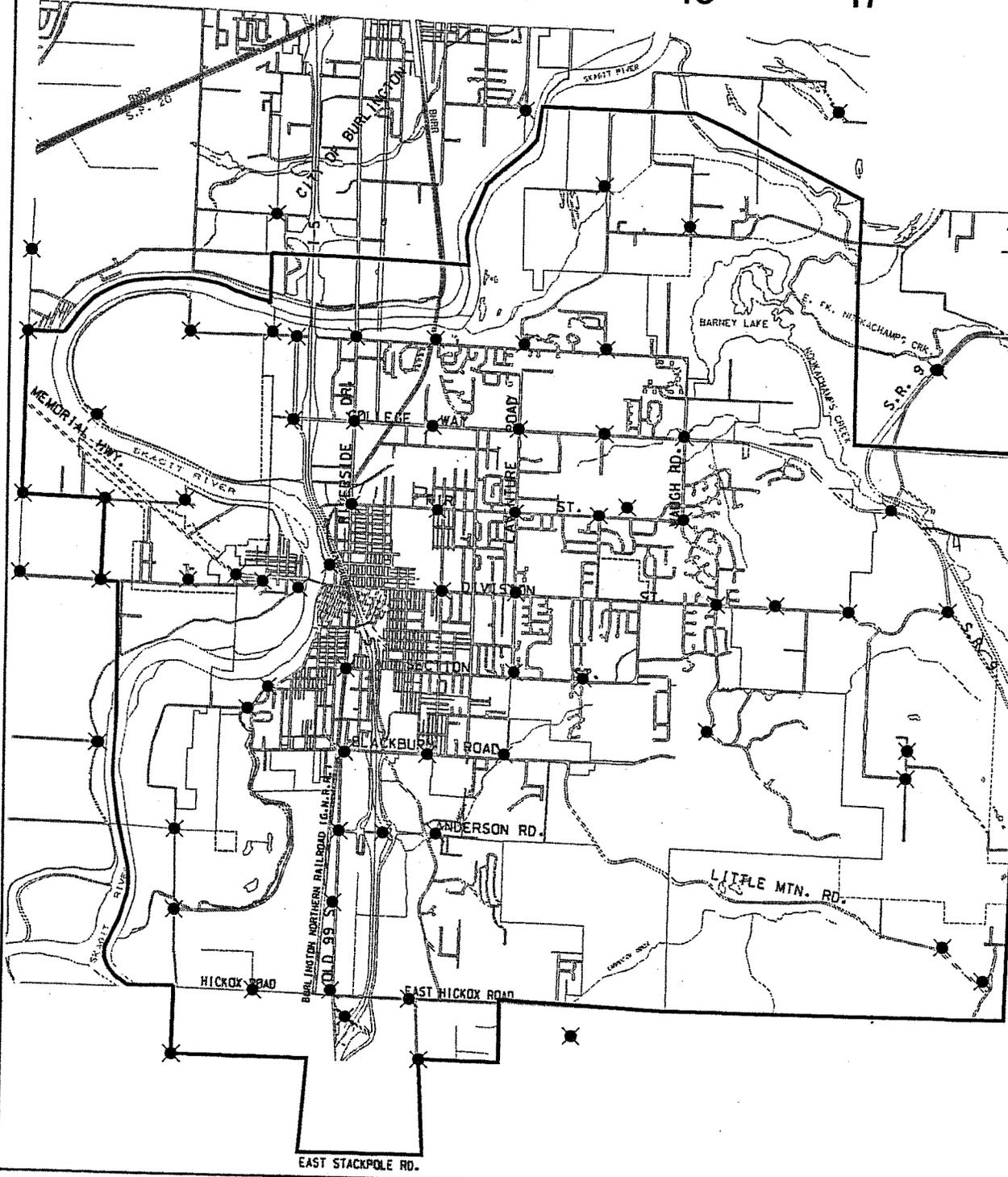
Coordinates are reported in Washington State Coordinate System, North Zone, NAD83-91 (North American Datum of 1983 with the 1991 adjustment). The survey network consisting of a total of 127 observations occupying 67 stations were derived from GPS Static and Fast Static surveys using three Trimble 4000 SSI dual frequency 12 channel receivers. Static sessions of at least one-half hour each were observed on points, Cap Sante, Lion, 1945, 2927, C9-1 and P21. Fast Static observations of 8 to 22 minutes were observed on the remainder of the GPS stations. Field surveys (GPS) were completed during the month of August 2000.

The network was constrained horizontally to High Accuracy Resolution Network (HARN) points "Cap Sante" and "Lion", WSDOT #2927 and Skagit County Engrs. Station # RS39. Geoid 99 was used, although the adjustment was constrained vertically to 23 NGVD29 benchmark elevations established by Entranco as part of this project. Results at 95% confidence level ranged between FGDC 2 and 5 centimeter accuracy classification, with the majority of points falling in the 2-3 centimeter range. Data below a 15° cut-off above the horizon was masked with the final adjustment completed on August 29, 2000 using Trimble Geomatics Office (TGO) software. Where elevations were required for aerial targets, GPS elevations were calculated by the TGO software achieving 10 centimeter or less accuracy.

Additional WSDOT and Skagit County control stations are included in the database, but were not included in our survey, the data is directly from those agencies and is provided for reference only.

21 1 5 9 13 17

A
E
J
N
R
V
Z

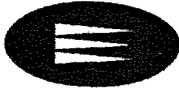
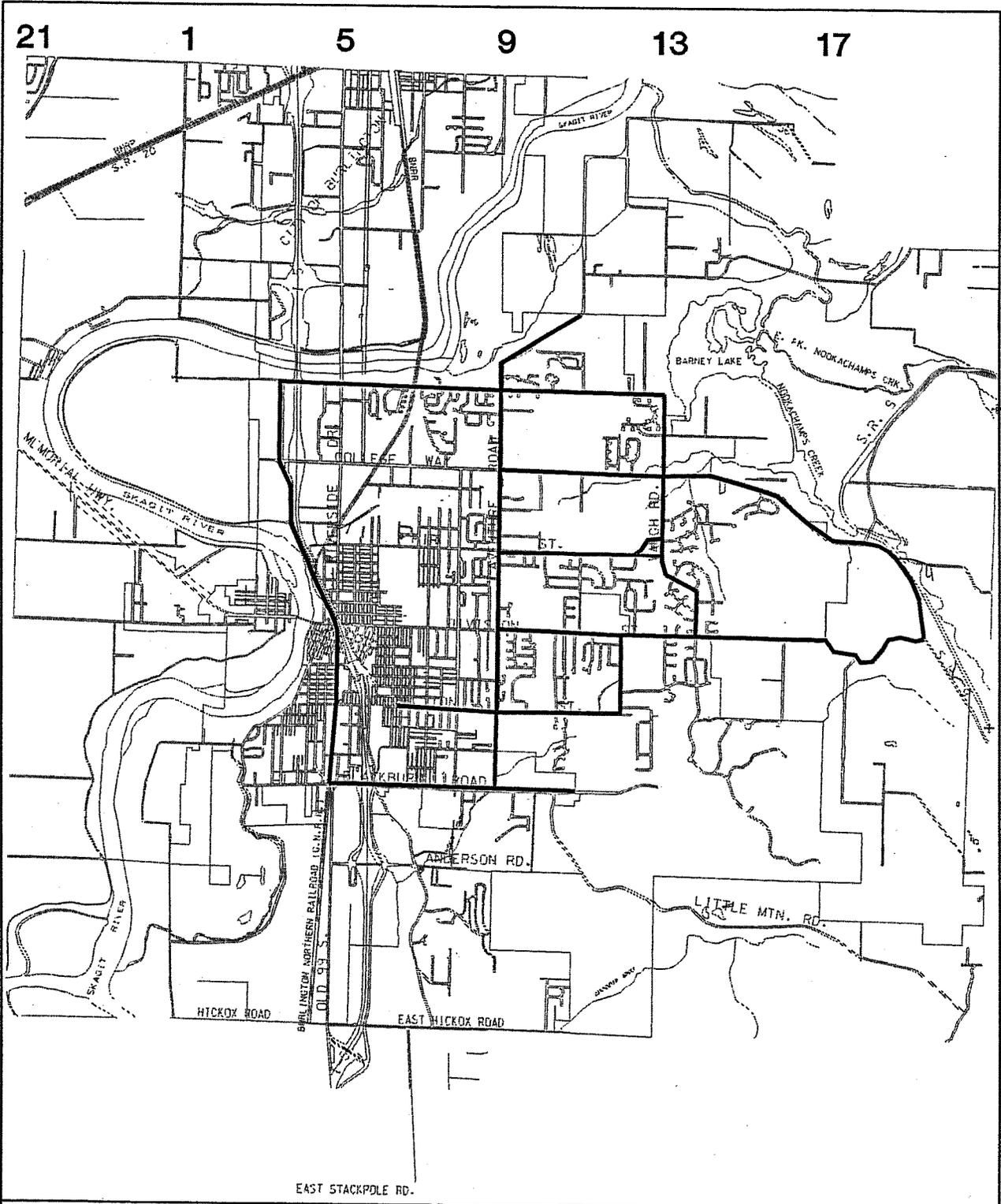


ENTRANCO

WWW.ENTRANCO.COM

10900 N.E. 8th Street
Bellevue, Washington 98004
(425) 454-5600

GPS STATIONS



ENTRANCO

WWW.ENTRANCO.COM

10900 N.E. 8th Street
 Bellevue, Washington 98004
 (425) 454-5600

BENCH LEVEL CIRCUITS



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

BENCH MARK DISK

Site Description:

BARKER AIRPORT

Drive-To Descr:

3.0 MILES SOUTH OF MOUNT VERNON, AT THE BARKER AIRPORT, AT THE SOUTH ENTRANCE, AT THE SOUTH END OF THE NORTH-SOUTH RUNWAY, 92 FEET NORTH OF THE APPROXIMATE CENTER OF THE T JUNCTION OF A GRAVEL ROAD AND STACKPOOL ROAD, 39.5 FEET SOUTH OF THE SE CORNER OF THE MANAGERS OFFICE AND MAIN HANGER, 1.9 FEET WEST OF A FENCE POST, 1.6 FEET SOUTH OF A WITNESS POST, AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.3 FOOT ABOVE GROUND.

Cross Reference:

STAMPED K 331 1952

Field Ties:

Comments: MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO SURFACE MOTION

Record Input/Update Date: 10/19/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:

BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:

Horizontal Datum:

Horizontal Method:

Horizontal Accuracy:

Horiz Calc By:

Horiz Calc Date:

Meridian:

Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:

Vertical Method:

Vertical Accuracy:

Vertical Calc By:

Vert Calc Date:

Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:

Field Book #:

Page #:

Image File Ref:

Document File Ref:

PLS ID #:

PLS_ID_Name:

Mon Description:

3" BRASS DISK WITH TRIANGLE AND PUCH MARK

Site Description:

11.5m east of east end of retaining wall, 9.2m south of acp blacktop pavement 5.4m north of southeast of rock outcrop top of hill overlooking Anacortes town and Cap Sante marina.

Drive-To Descr:

V Avenue becomes W Street at cul-de-sac at top of hill

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon - WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description: REFERENCE

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **12**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **M331**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.):

EASTING (ft.):

NORTHING (m):

EASTING (m):

Latitude: **48 22 33**

Longitude: **122 19 46**

Scale Factor:

Convergence:

Combined Grid Factor:

Feet Units: **U.S. Survey Foot**

Coord. System Zone: **4601**

Horizontal Datum: **NAD 1983**

Horizontal Method: **Scaled**

Horizontal Accuracy: **<=20.000m / 65.617ft.**

Horiz Calc By: **National Geodetic Survey**

Horiz Calc Date:

Meridian:

Willamette

Section:

Horiz. Network Relationship: **N/A**

ORTHO (ft.): **13.839**

ORTHO (m): **4.218**

ELLIP (ft.): **-58.569**

ELLIP (m): **-17.852**

GEOID (ft.): **-72.408**

GEOID (m): **-22.070**

Vertical Datum: **NGVD29**

Vertical Method: **Differential**

Vertical Accuracy: **Unknown**

Vertical Calc By: **National Geodetic Survey**

Vert Calc Date:

Geoid Method: **N/A**

Vert Network Relationship: **N/A**

Monument Condition: **No Entry**

Monument Type: **Vertical Control Station**

Visit Date:

Visit By: **Unknown**

Date Set:

Monument Set By: **National Geodetic Survey**

Cased Monument: **No**

Project/Survey #: **NA**

Field Book #:

Page #:

Image File Ref: **N/A**

Document File Ref: **N/A**

PLS ID #: **999999**

PLS_ID_Name: **Not Applicable**

Mon Description:

SURFACE MONUMENT

Site Description:

BARKER AIRPORT

Drive-To Descr:

3.0 MILES S. FROM MOUNT VERNON, AT THE BARKER AIRPORT, AT THE NORTH END AND IN THE NORTHEAST CORNER OF THE NORTH-SOUTH RUNWAY, 126.5 FEET EAST OF THE APPROXIMATE CENTER OF THE NORTH END OF THE RUNWAY, 13 FEET WEST OF A FENCE CORNER, 3.0 FEET SOUTH OF AN EAST-WEST FENCE, 1.8 FEET SOUTHEAST OF A WITNESS POST, AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.5 FOOT ABOVE THE GROUND.

Cross Reference:

STAMPED M 331 1952

Field Ties:

Comments: **MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO SURFACE MOTION**

Record Input/Update Date: **10/19/00**

Print Date: **13-Dec-00**



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

BENCH MARK DISK

Site Description:

Drive-To Descr:

3.7 MILES SOUTH ALONG THE BURLINGTON-NORTHERN RAILROAD FROM THE STATION AT MOUNT VERNON, THENCE 0.1 MILE EAST ALONG HICKOX ROAD, AT THE JUNCTION OF HICKOX ROAD AND OLD HWY 99, SET VERTICALLY IN THE WEST FACE OF THE SOUTH CONCRETE ABUTMENT OF A BRIDGE ON OLD HWY, 1.8 FEET NORTH OF THE SW. CORNER OF THE ABUTMENT, 29 FEET NORTH OF THE CENTER LINE OF THE ROAD, 19.5 FEET WEST OF THE CENTER LINE OF OLD HWY, AND ABOUT 2.5 FEET LOWER THAN THE HIGHWAY.

Cross Reference:

STAMPED H 331 1952

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: 15

History Records:

PLSS Control:

County/Municipality: SKAGIT CO.

State: WA

Horizontal Control:

Vertical Control:

Point Designation: GP 29005 3
Point Desig. Alias: N/A

Geocode:
BLM Designation:

NORTHING (ft.): -7447211.441
EASTING (ft.): -11764819.941
NORTHING (m): -2269914.587
EASTING (m): -3585924.290
Latitude: 48 22 58.24279
Longitude: 122 20 02.72408
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.001m / 0.003ft.
Horiz Calc By: Washington State Department
Horiz Calc Date:

Meridian: Willamette
Section:

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 30.840
ORTHO (m): 9.400
ELLIP (ft.): -35.728
ELLIP (m): -10.890
GEOID (ft.): -72.342
GEOID (m): -22.050

Vertical Datum: NGVD29
Vertical Method: GPS
Vertical Accuracy: <=0.200m / 0.656ft.
Vertical Calc By: Entranco
Vert Calc Date:
Geoid Method: N/A
Vert Network Relationship: N/A

Monument Condition: Existing or Recovered
Monument Type: Horizontal Control Station
Visit Date:
Visit By: Unknown
Date Set:
Monument Set By: UNK
Cased Monument: No

Project/Survey #: NA
Field Book #:
Page #:
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 999999
PLS_ID_Name: Not Applicable

Mon Description: HORIZONTAL CONTROL DISK

Site Description:

Drive-To Descr: THE STATION IS LOCATED ABOUT 3.2KM(2MI) SOUTH OF MOUNT VERNON, IN A TRAFFIC ISLAND AT THE WEST END OF THE OVERPASS OF HICKOX ROAD OVER INTERSTATE HIGHWAY 5 AND ON THE HIGHWAY RIGHT OF WAY. TO REACH THE STATION FROM THE INTERSECTION OF I-5 AND STATE HWY'S 530 AND 534, EXIT 221, GO NORTH ON I-5 FOR 4.51KM (2.8MI.) TO EXIT 224, THE SOUTH MOUNT VERNON EXIT AND THE STATION IS IN THE TRAFFIC ISLAND AT THE WEST END OF THE OVERPASS.

Cross Reference: STATION IS MARKED: GP 29005-3 1984

Field Ties: SET IN THE TOP OF A ROUND CONCRETE MONUMENT THAT IS 30 CM (12 INCHES) IN DIAMETER AND IS FLUSH WITH THE SURFACE OF THE TRAFFIC ISLAND. IT IS 10.6 CM (34.8FT.) NE. OF THE CENTER OF THE WEST ENTRANCE RAMP TO THE HIGHWAY, 8.9M (29FT.) SOUTH OF THE CENTER OF HILCOX ROAD, 6.7 M (22FT) NW OF THE CENTER OF THE EAST ENTRANCE RAMP TO THE HIGHWAY AND 1.4M (4.6FT.) WEST-NORTHWEST OF A

Comments: MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO SURFACE MOTION. THE SITE LOCATION WAS REPORTED SUITABLE FOR GPS OBSERV

Record Input/Update Date: 11/28/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:
THE MARK IS SET IN THE TOP OF A ROUND CONCRETE MONUMENT THAT IS FLUSH WITH THE GROUND SURFACE. IT IS 4.4M (14.4FT) NE. OF THE NE. CORNER OF THE OLD COURTHOUSE AND 1.8M (5.9FT) SW. OF A SPIKE SET IN THE SIDEWALK.

Site Description:

Drive-To Descr:
THE STATION IS LOCATED ABOUT 25 MILES SOUTH OF BELLINGHAM, 18.0 MILES NW. OF ARLINGTON, 15.0 MILES SE. OF ANACORTES, 8.0 MILES SW. OF SEDRO WOOLLEY AND AT THE SKAGIT COUNTY COURTHOUSE IN MOUNT VERNON. TO REACH FROM THE KINCAID EXIT ON I-5 IN MOUNT VERNON, GO WEST ON STATE ROUTE 536, KINCAID AVENUE, FOR 0.30 MILES TO THE INTERSECTION OF THIRD STREET, THE SKAGIT COUNTY COURTHOUSE AND THE STATION.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

A DISK ON THE TOP OF A 5/8" COPPER COATED ROD WHICH IS 4 FEET LONG AND HAS A BASE PLATE ATTACHED. THE UPPER PORTION OF THE ROD IS ENCASED IN A 6" IRON PIPE PROJECTING 0.1 FOOT ABOVE THE GROUND AND ABOUT 2.6 FEET LOWER THAN THE TRACK.

Site Description:

Drive-To Descr:

2.2 MILES SOUTH FROM MOUNT VERNON. 2.2 MILES SOUTH ALONG THE BURLINGTON NORTHERN RAILROAD FROM THE STATION AT MOUNT VERNON, AT THE CROSSING OF BLACKBURN ROAD AND OLD HWY 99, AT THE EAST CORNER OF A SMALL TRIANGULAR SHAPED PARK, 78.4 FEET WEST OF THE WEST RAIL OF THE MAIN TRACK, 23.8 FEET NORTH OF THE CENTER LINE OF THE ROAD, 46.6 FEET SW. OF THE CENTER LINE OF OLD HIGHWAY 99, 1.0 FOOT WEST OF A POWER POLE WITH STREET LIGHT AND TRANSFORMER AND 3 GUY WIRES, 18.6 FEET WEST OF THE WEST CORNER OF THE CONCRETE BASE OF RAILROAD CROSSING SIGNAL ZB671, 0.8 FOOT EAST OF A WITNESS POST.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **18**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **F331**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.):

EASTING (ft.):

NORTHING (m):

EASTING (m):

Latitude: **48 24 43**

Longitude: **122 20 06**

Scale Factor:

Convergence:

Combined Grid Factor:

Feet Units: **U.S. Survey Foot**

Coord. System Zone: **4601**

Horizontal Datum: **NAD 1983**

Horizontal Method: **Scaled**

Horizontal Accuracy: **NoEntry**

Horiz Calc By: **National Geodetic Survey**

Horiz Calc Date:

Meridian: **Willamette**

Section: **S29T34NR04E**

Horiz. Network Relationship: **N/A**

ORTHO (ft.): **21.368**

ORTHO (m): **6.513**

ELLIP (ft.): **-50.646**

ELLIP (m): **-15.437**

GEOID (ft.): **-72.014**

GEOID (m): **-21.950**

Vertical Datum: **NGVD29**

Vertical Method: **Differential**

Vertical Accuracy: **<=0.002m / 0.006ft.**

Vertical Calc By: **National Geodetic Survey**

Vert Calc Date:

Geoid Method: **N/A**

Vert Network Relationship: **N/A**

Monument Condition: **No Entry**

Monument Type: **Vertical Control Station**

Visit Date: **2/15/98**

Visit By: **National Geodetic Survey**

Date Set:

Monument Set By: **National Geodetic Survey**

Cased Monument: **No**

Project/Survey #: **00065-10**

Field Book #:

Page #:

Image File Ref: **N/A**

Document File Ref: **N/A**

PLS ID #: **999999**

PLS_ID_Name: **Not Applicable**

Mon Description:

SURFACE MONUMENT

Site Description:

Drive-To Descr:

1.8 MILES SOUTH FROM MOUNT VERNON. 1.8 MILES SOUTH ALONG THE BURLINGTON NORTHERN RAILROAD FROM THE STATION AT MOUNT VERNON, 0.1 MILE SOUTH OF THE CROSSING OF SECTION STREET, SET VERTICALLY IN THE WEST FACE 1.7 FEET NORTH OF THE SW. CORNER OF THE BARGMAN AND VAN GASKEN WHOLESALE DISTRIBUTION COMPANY BUILDING, 53.8 FEET EAST OF THE EAST RAIL OF THE MAIN TRACK, ABOUT 2.5 FEET LOWER THAN THE TRACK, AND ABOUT 0.5 FOOT ABOVE THE GROUND.

Cross Reference:

Field Ties:

Comments: **MARK IS BEHIND PROPANE TANK AND FENCE (MAY NOT BE ACCESSIBLE).**

Record Input/Update Date: **11/28/00**

10

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

BENCH MARK DISK STAMPED E 331 1952

REFERENCE

Site Description:

Drive-To Descr:

IN MOUNT VERNON, AT THE SOUTHWEST CORNER OF THE JUNCTION OF SOUTH 11TH STREET AND BROAD STREET, AT THE NORTHWEST CORNER OF LINCOLN SCHOOL, SET VERTICALLY IN THE WEST CONCRETE WALL, 8.1 FEET SOUTH OF THE NORTHWEST CORNER OF THE BUILDING, 103 FEET WEST OF THE WEST CURB OF 11TH STREET, 28.0 FEET SOUTH OF THE SOUTH CURB OF BROAD STREET, 50.5 FEET NORTH OF THE CENTER OF THE NORTH ONE OF 2 DOORS, AND ABOUT 1.8 FEET ABOVE THE LEVEL OF THE GROUND.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

BENCH MARK DISK STAMPED D 331 1952

Site Description:

Drive-To Descr:

AT MOUNT VERNON, AT THE NORTHWEST CORNER OF THE JUNCTION OF KINCAID AND 3RD STREETS, AT THE SKAGIT COUNTY COURTHOUSE, SET VERTICALLY IN THE EAST FACE OF THE CONCRETE FOUNDATION FOR THE GRANITE BASE OF THE EAST ONE OF 4 IONIC COLUMNS (THE SOUTH FACE OF THIS COLUMN CONTAINS AN INSCRIBED PLAQUE), 2.6 FEET NORTH OF THE SOUTHEAST CORNER OF THE SUPPORT, 81.6 FEET WEST OF THE WEST CURB OF 3RD STREET, 45.5 FEET NORTH OF THE NORTH CURB OF KINCAID STREET, 22.1 FEET EAST OF THE CENTER OF THE SOUTH MAIN ENTRANCE, 6.6 FEET SOUTH OF THE SOUTH FACE OF THE BUILDING, AND ABOUT 1/2 FOOT UNDERGROUND.

Cross Reference:

Field Ties:

Comments: MARK IS NOT SUITABLE FOR SATELLITE OBSERVATIONS.

Record Input/Update Date: 11/28/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

EASTING (ft.):

NORTHING (m):

EASTING (m):

Latitude:

Longitude:

Scale Factor:

Convergence:

Combined Grid Factor:

Feet Units:

Coord. System Zone:

Horizontal Datum:

Horizontal Method:

Horizontal Accuracy:

Horiz Calc By:

Horiz Calc Date:

Meridian:

Section:

Horiz. Network Relationship:

ORTHO (ft.):

ORTHO (m):

ELLIP (ft.):

ELLIP (m):

GEOID (ft.):

GEOID (m):

Vertical Datum:

Vertical Method:

Vertical Accuracy:

Vertical Calc By:

Vert Calc Date:

Geoid Method:

Vert Network Relationship:

Monument Condition:

Monument Type:

Visit Date:

Visit By:

Date Set:

Monument Set By:

Cased Monument:

Project/Survey #:

Field Book #:

Page #:

Image File Ref:

Document File Ref:

PLS ID #:

PLS_ID_Name:

Mon Description:

BENCH MARK DISK STAMPED C 331 1952

Site Description:

Drive-To Descr:

1.15 MILES SOUTH OF MOUNT VERNON. 1.15 MILES SOUTH ALONG THE BURLINGTON NORTHERN RAILROAD FROM THE STATION AT MOUNT VERNON, AT THE SECOND STREET OVERPASS, 6.5 RAILES NORTH OF MILEPOST 68, SET VERTICALLY IN THE NORTHWEST FACE OF THE NORTH END OF THE 1ST CONCRETE WALL SUPPORT EAST OF THE MAIN TRACK, 2.1 FEET SOUTH OF THE NORTH END OF THE WALL, ABOUT 1 FOOT HIGHER THAN THE GROUND, AND ABOUT 0.5 FOOT HIGHER THAN THE TRACK.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

BENCH MARK DISK STAMPED V 455 1973

Site Description:

Drive-To Descr:

AT MOUNT VERNON, AT THE BURLINGTON NORTHERN RAILROAD STATION, 0.1 MILE NORTHEAST OF THE CROSSING OF THE STATE HWY 538 (COLLEGE WAY), 30.6 FEET SW. OF THE NORTHEAST END OF A RETAINING WALL ALONG THE SE. SIDE OF A PARKING LOT, 181.8 FEET NE. OF THE EAST CORNER OF THE STATION BUILDING, 18.7 FEET NW. OF THE NW. RAIL OF THE MAIN TRACK, 19.6 FEET NE. OF THE NE. END OF A METAL HANDRAIL, 0.9 FOOT SW. OF THE CONCRETE FOUNDATION FOR THE 3RD LIGHT POLE NE. OF THE STATION, AND ABOUT LEVEL WITH THE TRACK.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

BENCH MARK IS THROUGH A SQUARE HOLE CUT IN THE PLANK OF THE BRIDGE.

Site Description:

Drive-To Descr:

2.15 MILES SOUTH ALONG THE BURLINGTON-NORTHERN RAILROAD FROM THE CROSSING OF FAIRHAVEN AVE. AT BURLINGTON, IN THE TOP AND 0.7 FOOT EAST OF THE WEST END OF THE SOUTH CONCRETE ABUTMENT OF A STEEL TRUSS BRIDGE OVER THE SKAGIT RIVER, 57 FEET NORTHWEST AND ACROSS THE TRACK FROM MILEPOST 70, 5.6 FEET WEST OF THE WEST RAIL, AND ABOUT 1 FOOT LOWER THAN THE TRACK.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **25**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **LION PARK**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

NORTHING (ft.): **523399.571**
EASTING (ft.): **1274868.106**
NORTHING (m): **159532.508**
EASTING (m): **388580.576**
Latitude: **48 25 30.17730**
Longitude: **122 20 20.23148**
Scale Factor:
Convergence: **-1 07 15**
Combined Grid Factor: **0.99995866**

Coord. System Zone: **4601**
Horizontal Datum: **NAD 1983/91**
Horizontal Method: **Geodetic GPS**
Horizontal Accuracy: **<=0.020m / 0.066ft.**
Horiz Calc By: **National Geodetic Survey**
Horiz Calc Date:

Meridian: **Willamette**
Section: **S19T34NR04E**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **28.919**
ORTHO (m): **8.814**
ELLIP (ft.): **-42.618**
ELLIP (m): **-12.990**
GEOID (ft.): **-71.916**
GEOID (m): **-21.920**

Vertical Datum: **NGVD29**
Vertical Method: **Digital Level**
Vertical Accuracy: **<=0.010m / 0.033ft.**
Vertical Calc By: **Entranco**
Vert Calc Date: **9/ 4/00**
Geoid Method: **Geoid99**
Vert Network Relationship: **Network**

Monument Condition: **Existing or Recovered**
Monument Type: **Horizontal Control Station**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #:
Page #:
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: **REFERENCE**
MARK IS SET IN THE TOP OF A ROUND CONCRETE MONUMENT THAT IS FLUSH WITH THE GROUND SURFACE. In monument case in center of acp pathway

Site Description:

Drive-To Descr:
TO REACH FROM THE COURTHOUSE IN MOUNT VERNON AT THE INTERSECTION OF KINCAID AVE. AND THIRD STREET, GO NORTHERLY ON THIRD STREET FOR 0.3 MILES TO A FORK, TAKE THE RIGHT FORK AND CONTINUE NORTHERLY ALONG THE RAILROAD TRACKS FOR 0.4 MILE TO THE LIONS CLUB PARK ON THE RIGHT AND THE STATION, IT IS 99.1 FEET WEST OF A POWER LINE POLE, 72.8 FEET SOUTH-SOUTHEAST OF A FLAGPOLE, 36.1 FEET WEST-SOUTHWEST OF A WATER FOUNTAIN, IN ACP PATHWAY.

Cross Reference:

Field Ties:

Comments: **THE SITE LOCATION WAS REPORTED AS SUITABLE FOR SATILLITE OBSERVATIONS. NOTE: THE ELEVATION IS REVISED FROM NGS PUBLIS**

Record Input/Update Date: **12/1/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon. Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

SET ALUMINUM CAP ON 2" REBAR, WITH PUNCH, STAMPED SKAGIT COUNTY PUBLIC WORKS R118-97

Site Description:

MARK IS NORTH OF THE MOUNT VERNON SEWAGE TREATMENT PLANT, LOCATED ON BRIT ROAD AND HAZEL ST., SOUTH WEST OF ALPINE DISTRIBUTORS, POINT IS ON THE DIKE.

Drive-To Descr:

Cross Reference:

Field Ties:

18.4 FEET WEST OF THE NORTH GATE POST AND 26.9 FEET NORTHWEST OF THE SOUTH GATE POST.

Comments:

ALL DATA IS DIRECTLY FROM SKAGIT CO.

Record Input/Update Date: 4/13/00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **34**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **RS33**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **525088.461**

EASTING (ft.): **1284581.440**

NORTHING (m): **160047.283**

EASTING (m): **391541.206**

Latitude: **482548.690865**

Longitude: **1221756.717834**

Scale Factor: **0.99995709148**

Convergence: **-1 05 28.6235**

Combined Grid Factor:

Feet Units: **U.S. Survey Foot**

Coord. System Zone: **4601**

Horizontal Datum: **NAD 1983/91**

Horizontal Method: **Geodetic GPS**

Horizontal Accuracy: **<=0.020m / 0.066ft.**

Horiz Calc By: **SKAGIT CO.**

Horiz Calc Date:

Meridian: **Williamette**

Section: **S16T34NR04E**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **76.087**

ORTHO (m): **23.191**

ELLIP (ft.):

ELLIP (m):

GEOID (ft.):

GEOID (m):

Vertical Datum: **NGVD29**

Vertical Method: **Digital Level**

Vertical Accuracy: **Second Order Class II**

Vertical Calc By: **Entranco**

Vert Calc Date: **8/ 4/00**

Geoid Method: **N/A**

Vert Network Relationship: **Network**

Monument Condition: **Found**

Monument Type: **Section Corner**

Visit Date: **8/15/00**

Visit By: **SKAGIT CO.**

Date Set:

Monument Set By: **SKAGIT CO.**

Cased Monument: **No**

Project/Survey #: **00065-10**

Field Book #:

Page #:

Image File Ref: **N/A**

Document File Ref: **N/A**

PLS ID #: **19651**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

2" ALUMINUM CAP ON REBAR. "RS33 1897"

Site Description:

MARK IS LOCATED OFF FIR ST. AT ACCESS ROAD TO BAKERVIEW PARK, SOUTHEAST OF THE ENTRANCE TO THE SKATE BOARD-PARK.

Drive-To Descr:

Cross Reference:

Field Ties:

740 FEET WEST OF THE GATE ENTRANCE TO BAKERVIEW PARK, 37 FEET SOUTHEAST OF LIGHT POLE 452514/164448, 71.5 FEET SOUTHEAST OF A POWER VAULT. Southeast of Indoor Soccer facility.

Comments:

Record Input/Update Date: **12/1/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:
Meridian:
Section:
Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

<input type="text" value="S13T34NR03E"/>	<input type="text" value="S18T34NR04E"/>
<input type="text" value="S24T34NR03E"/>	<input type="text" value="S19T34NR04E"/>

Feet Units:

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:
Meridian:
Section:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

S13T34NR03E	S12T34NR03E
S24T34NR03E	S23T34NR03E

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:
Meridian:
Section:
Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

2" BRASS DISK WITH LARGE 'X' DOWN 0.85 BELOW SURFACE.

Site Description:

FOUND MONUMENT IN CASE IN THE CENTERLINE OF MCLEAN ROAD, WEST 110+/- FEET OF COLONIAL MANOR BED AND BREAKFAST, HOUSE NUMBER 17550, EAST 120+/- FEET OF HOUSE 17454.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:
Cross Reference:

Field Ties:

Comments:
Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

THE MARK IS A USGS BRASS DISK SET INTO A ROUND PRECAST CONCRETE MONUMENT PROJECTING 10 CM ABOVE GROUND SURFACE.

Site Description:

Drive-To Descr:

TO REACH THE STATION FROM THE JUNCTION OF SR 9 AND SR 538 JUST EAST OF MOUNT VERNON, GO SOUTH 0.7 MILE ALONG SR 9 TO MARK ON RIGHT. IT IS LOCATED JUST NORTH OF MOUNT VERNON BIG LAKE ROAD, 10.4 METERS @ 245 DEGREES FROM THE APPROXIMATE CENTERLINE OF SR 9, 35 CM @ 100 DEGREES FROM A WITNESS POST AND 2.8 METERS @ 140 DEGREES FROM A CEDAR TREE WITH THREE STALKS.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

MONUMENT IS A DAVID EVANS AND ASSOCIATES BRASS DISK SET INTO A CONCRETE MONUMENT AND UNDER A WSDOT CASE AND COVER.

Site Description:

Drive-To Descr:

TO REACH THE STATION FROM THE JUNCTION OF SR 20 AND SR 09 EAST OF BURLINGTON, GO SOUTH 6.0 MILES ALONG SR 09 TO JUNCTION OF SR 538 AND MARK. IT IS LOCATED IN THE TRAFFIC ISLAND, 17.3 METERS @ 280 DEGREES FROM A LUMINAIRE WITH WITNESS POST STICKER, 21.7 METERS @ ZERO DEGREES FROM A MONUMENT CASE AND COVER, 29.4 METERS @ 85 DEGREES LUMINAIRE POLE #6 AND 23.3 METERS @ 170 DEGREES THE NORTH END OF TRAFFIC BARRIER.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

THE MARK IS A WSHD BRASS DISK CEMENTED INTO A DRILL HOLE IN THE CONCRETE SIDEWALK.

Site Description:

Drive-To Descr:

TO REACH THE STATION FROM THE JUNCTION OF SR 020 AND SR 536 WEST OF MT. VERNON, GO EAST 4.8 MILES ALONG SR 536 TO THE SKAGIT RIVER BRIDGE(536/15) AND MARK. IT IS LOCATED IN THE SOUTHWEST CORNER OF BRIDGE, 4.3 METER @ 360 DEGREES FROM THE APPROXIMATE CENTERLINE OF SR 536 AND 1.3 METERS @ 5 DEGREES FROM THE END OF BRIDGE RAIL.

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

<input type="text" value="S24T34NR03E"/>	<input type="text" value="S13T34NR03E"/>
<input type="text" value="S19T34NR04E"/>	<input type="text" value="S18T34NR04E"/>

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grd Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

REBAR AND CAP WITH TACK LS 7598 JUDY

Site Description:

FOUND MONUMENT IN CASE, CASE IN POT HOLE COVERED WITH FRESH ASPHALT, AT THE INTERSECTION OF MCLEAN ROAD AND SOUTH WALL. MON IS 0.41 BELOW SURFACE

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **51**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **J1**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

NORTHING (ft.): **530124.274**
EASTING (ft.): **1270539.434**
NORTHING (m): **161582.202**
EASTING (m): **387261.194**
Latitude: **48 26 35.68423**
Longitude: **122 21 26.37326**
Scale Factor: **0.999958359**
Convergence: **-1 08 05**
Combined Grid Factor: **0.999960795112811**

Coord. System Zone: **4601**
Horizontal Datum: **NAD 1983/91**
Horizontal Method: **Geodetic GPS**
Horizontal Accuracy: **<=0.020m / 0.066ft.**
Horiz Calc By: **Entranco**
Horiz Calc Date: **8/14/00**

Meridian: **Willamette**
Section:

S12T34NR03E	S07T34NR04E
S13T34NR03E	S18T34NR04E

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **20.904**
ORTHO (m): **6.372**
ELLIP (ft.): **-50.930**
ELLIP (m): **-15.524**
GEOID (ft.): **-71.834**
GEOID (m): **-21.895**

Vertical Datum: **NGVD29**
Vertical Method: **GPS**
Vertical Accuracy: **<=0.050m / 0.164ft.**
Vertical Calc By: **Entranco**
Vert Calc Date: **8/ 4/00**
Geoid Method: **Geoid99**
Vert Network Relationship: **N/A**

Monument Condition: **Found**
Monument Type: **Section Corner**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #: **3006**
Page #: **9**
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

2" IRON CAP WITH LARGE CENTER PUNCH

Site Description:

FOUND MONUMENT IN CASE AT STEWART ROAD AT 90 DEGREE BEND IN ROAD SOUTH OF LARGE BEND IN SKAGIT RIVER, MARK IS LOCATED IN CENTERLINE. 1.0 BELOW SURFACE.

Drive-To Descr:

From College Way and Interstate 5 intersection, go West to Freeway Drive, then north on Freway Dr. for 1/2 mile to a "T" intersection with Stewart Rd. Go West for 0.6 miles to a bend in the road and the monument.

Cross Reference:

Field Ties:

Comments: for gps occupation, see curtains at AZ 190 DEGREE AND 250 DEGREE TREE ELEVATION IS 23 DEGREES.

Record Input/Update Date: **11/29/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **52**

History Records:

PLSS Control:
Horizontal Control:
Vertical Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Geocode: _____

Point Designation: **J3**
Point Desig. Alias: **N/A**

BLM Designation: _____

NORTHING (ft.): 530050.696
EASTING (ft.): 1273253.380
NORTHING (m): 161559.775
EASTING (m): 388088.406
Latitude: 48 26 35.48667
Longitude: 122 20 46.10638
Scale Factor: 0.999958354
Convergence: -1 07 35
Combined Grid Factor: 0.999960476565824

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

Meridian: Willamette
Section: S07T34NR04E
S18T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 27.373
ORTHO (m): 8.343
ELLIP (ft.): 44.375
ELLIP (m): -13.526
GEOID (ft.): -71.748
GEOID (m): -21.869

Vertical Datum: NGVD29
Vertical Method: Digital Level
Vertical Accuracy: <=0.010m / 0.033ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/ 4/00
Geoid Method: Geoid99
Vert Network Relationship: N

Monument Condition: Found
Monument Type: Quarter Section Corner
Visit Date: 8/14/00
Visit By: Entranco
Date Set: _____
Monument Set By: UNK
Cased Monument: No

Project/Survey #: 00065-10
Field Book #: 3006
Page #: 10
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description:
3/8" IRON PIPE WITH TACK IN CENTER SET IN 4"x4" CONG POST.

Site Description:
FOUND MONUMENT IN CASE IN CENTER OF EASTBOUND LANE OF STEWART ROAD, JUST WEST OF HOUSE #330 AND RIVERBEND CAMPING TRAILER PARK.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: OK FOR GPS OCCUPATION, TOUGH TO OCCUPY, IN CENTER OF TRAVEL LANE, BUT FAIRLY QUIET ROAD. (Skagit County monument # R 131)

Record Input/Update Date: 10/19/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **53**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **J3-1**

Point Desig. Alias: **N/A**

Geocode:

BLM Designation:

NORTHING (ft.): **530028.536**

EASTING (ft.): **1273983.083**

NORTHING (m): **161553.021**

EASTING (m): **388310.820**

Latitude: **48 26 35.40944**

Longitude: **122 20 35.27907**

Scale Factor: **0.999958352**

Convergence: **-1 07 27**

Combined Grid Factor: **0.999960429520444**

Feet Units: **U.S. Survey Foot**

Coord. System Zone: **4601**

Horizontal Datum: **NAD 1983/91**

Horizontal Method: **Geodetic GPS**

Horizontal Accuracy: **<=0.050m / 0.164ft.**

Horiz Calc By: **Entranco**

Horiz Calc Date: **8/14/00**

Meridian: **Willamette**

Section: **S07T34NR04E**

S18T34NR04E

Horiz. Network Relationship: **Network**

ORTHO (ft.): **28.311**

ORTHO (m): **8.629**

ELLIP (ft.): **-43.433**

ELLIP (m): **-13.238**

GEOID (ft.): **-71.744**

GEOID (m): **-21.868**

Vertical Datum: **NGVD29**

Vertical Method: **Digital Level**

Vertical Accuracy: **<=0.010m / 0.033ft.**

Vertical Calc By: **Entranco**

Vert Calc Date: **8/ 4/00**

Geoid Method: **Geoid99**

Vert Network Relationship: **Network**

Monument Condition: **Found**

Monument Type: **Intersection Point**

Visit Date: **8/14/00**

Visit By: **Entranco**

Date Set:

Monument Set By: **UNK**

Cased Monument: **Yes**

Project/Survey #: **00065-10**

Field Book #: **3006**

Page #: **11**

Image File Ref: **N/A**

Document File Ref: **N/A**

PLS ID #: **19651**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

2" BRASS DISK WITH PUNCH SET IN 4"x4" CONCRETE POST.

Site Description:

FOUND MONUMENT IN CASE AT THE INTERSECTION OF STEWART ROAD AND FREEWAY DRIVE, 0.30 BELOW SURFACE.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: **GOOD FOR GPS OCCUPATION.**

Record Input/Update Date: **12/13/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:
Meridian:
Section:
Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: 57

History Records:

PLSS Control:

County/Municipality: SKAGIT CO.

State: WA

Horizontal Control:

Vertical Control:

Point Designation: J7

Geocode:

Point Desig. Alias: N/A

BLM Designation:

NORTHING (ft.): 529875.875

Coord. System Zone: 4601

EASTING (ft.): 1278559.708

Horizontal Datum: NAD 1983/91

NORTHING (m): 161506.490

Horizontal Method: Geodetic GPS

EASTING (m): 389705.779

Horizontal Accuracy: <=0.020m / 0.066ft.

Latitude: 48 26 34.78369

Horiz Calc By: Entranco

Longitude: 122 19 27.36759

Horiz Calc Date: 8/14/00

Scale Factor: 0.999958335

Meridian: Willamette

Convergence: -01 06 36

Section: S08T34NR04E

Combined Grid Factor: 0.999958695381221

Section: S17T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 64.093

Vertical Datum: NGVD29

ORTHO (m): 19.535

Vertical Method: Digital Level

ELLIP (ft.): -7.534

Vertical Accuracy: <=0.010m / 0.033ft.

ELLIP (m): -2.296

Vertical Calc By: Entranco

GEOID (ft.): -71.627

Vert Calc Date: 8/ 4/00

GEOID (m): -21.832

Geoid Method: Geoid99

Vert Network Relationship: Network

Monument Condition: Found

Project/Survey #: 00065-10

Monument Type: Quarter Section Corner

Field Book #: 3006

Visit Date: 8/14/00

Page #: 15

Visit By: Entranco

Image File Ref: N/A

Date Set:

Document File Ref: N/A

Monument Set By: UNK

PLS ID #: 19651

Cased Monument: No

PLS_ID_Name: Yeoman, Michael G.

Mon Description:

2" BRASS DISK WITH PUNCH

Site Description:

FOUND MONUMENT IN CASE AT THE INTERSECTION OF HOAG ROAD AND CONTINENTAL PL., CASE IS IN POTHOLE 0.4 DEEP THAT HAS BEEN CHOPPED OUT, 0.5 BELOW SURFACE.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: NO OBSTRUCTIONS. GOOD FOR GPS OCCUPATION

Record Input/Update Date: 12/1/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:
3.5" BRASS DISK WITH PUNCH IN CROSS AND STAMPED WASHINGTON COUNTY REFERENCE MARK.

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:

Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

MONUMENT IN CASE,(NO LID), 4"x4" SQUARE CONCRETE WITH 3" BRASS DISK, TOP IS BEAT UP, 0.15 BELOW SURFACE.

Site Description:

INTERSECTION FIR STREET AND WAUGH ROAD

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

3/4" REBAR, NO CAP. LOCATED AT THE CENTERLINE OF SWAN ROAD AT THE INTERSECTION OF THILLBERG ROAD.

Site Description:

SWAN ROAD AT THE INTERSECTION OF THILLBERG ROAD.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

EASTING (ft.):

NORTHING (m):

EASTING (m):

Latitude:

Longitude:

Scale Factor:

Convergence:

Combined Grid Factor:

Feet Units:

Coord. System Zone:

Horizontal Datum:

Horizontal Method:

Horizontal Accuracy:

Horiz Calc By:

Horiz Calc Date:

Meridian:

Section:

Horiz. Network Relationship:

ORTHO (ft.):

ORTHO (m):

ELLIP (ft.):

ELLIP (m):

GEOID (ft.):

GEOID (m):

Vertical Datum:

Vertical Method:

Vertical Accuracy:

Vertical Calc By:

Vert Calc Date:

Geoid Method:

Vert Network Relationship:

Monument Condition:

Monument Type:

Visit Date:

Visit By:

Date Set:

Monument Set By:

Cased Monument:

Project/Survey #:

Field Book #:

Page #:

Image File Ref:

Document File Ref:

PLS ID #:

PLS_ID_Name:

Mon Description:

SET PK AND SHINER AT THE NORTHWEST CORNER, AT THE INTERSECTION OF S. ANDAL AND MOUNT VIEW ROAD.

Site Description:

AT THE INTERSECTION OF S. ANDAL AND MOUNT VIEW ROAD.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

EASTING (ft.):

NORTHING (m):

EASTING (m):

Latitude:

Longitude:

Scale Factor:

Convergence:

Combined Grid Factor:

Feet Units:

Coord. System Zone:

Horizontal Datum:

Horizontal Method:

Horizontal Accuracy:

Horiz Calc By:

Horiz Calc Date:

Meridian:

Section:

Horiz. Network Relationship:

ORTHO (ft.):

ORTHO (m):

ELLIP (ft.):

ELLIP (m):

GEOID (ft.):

GEOID (m):

Vertical Datum:

Vertical Method:

Vertical Accuracy:

Vertical Calc By:

Vert Calc Date:

Geoid Method:

Vert Network Relationship:

Monument Condition:

Monument Type:

Visit Date:

Visit By:

Date Set:

Monument Set By:

Cased Monument:

Project/Survey #:

Field Book #:

Page #:

Image File Ref:

Document File Ref:

PLS ID #:

PLS_ID_Name:

Mon Description:

SET PK AND SHINER on the centerline.

Site Description:

PK AND SHINER AT THE SOUTHERLY END OF DOUBLE YELLOW STRIPE, AT THE END OF LITTLE MOUNTAIN ROAD AT THE INTERSECTION WITH AMICK ROAD.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

County/Municipality:

State:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: 70

History Records:

PLSS Control:

County/Municipality: SKAGIT CO.

State: WA

Horizontal Control:

Vertical Control:

Point Designation: W23-1

Geocode:

Point Desig. Alias: N/A

BLM Designation:

NORTHING (ft.): 514123.672

Coord. System Zone: 4601

EASTING (ft.): 1268020.109

Horizontal Datum: NAD 1983/91

NORTHING (m): 156705.209

Horizontal Method: Geodetic GPS

EASTING (m): 386493.302

Horizontal Accuracy: <=0.050m / 0.164ft.

Latitude: 48 23 57.32432

Horiz Calc By: Entranco

Longitude: 122 21 59.00507

Horiz Calc Date: 8/14/00

Scale Factor: 0.999954295

Meridian: Willamette

Convergence: -1 08 29

Section: S36T34R03E

Combined Grid Factor: 0.999956760678652

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 20.800

Vertical Datum: NGVD29

ORTHO (m): 6.340

Vertical Method: GPS

ELLIP (ft.): -51.548

Vertical Accuracy: <=0.100m / 0.328ft.

ELLIP (m): -15.712

Vertical Calc By: Entranco

GEOID (ft.): -72.353

Vert Calc Date: 8/14/00

GEOID (m): -22.053

Geoid Method: Geoid99

Vert Network Relationship: N/A

Monument Condition: Found

Project/Survey #: 00065-10

Monument Type: Intersection Point

Field Book #: 3006

Visit Date: 8/14/00

Page #: 19

Visit By: Entranco

Image File Ref: N/A

Date Set:

Document File Ref: N/A

Monument Set By: UNK

PLS ID #: 19651

Cased Monument: No

PLS_ID_Name: Yeoman, Michael G.

Mon Description:

REFERENCE

SET PK AND SHINER AT THE CENTERLINE OF KAMB ROAD, AT TNT POTATOES AND PUBLIC FISHING ACCESS.

Site Description:

CENTERLINE OF KAMB ROAD, AT TNT POTATOES AND PUBLIC FISHING ACCESS.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: AERIAL Target, OKAY TO GPS.

Record Input/Update Date: 12/13/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **71**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **C9-1**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): 542811.953
EASTING (ft.): 1285130.082
NORTHING (m): 165449.414
EASTING (m): 391708.433
Latitude: 48 28 43.65979
Longitude: 122 17 53.58602
Scale Factor: 0.999962076
Convergence: -1 05 26
Combined Grid Factor: 0.999963320476001
Feet Units: **U.S. Survey Foot**

PLSS

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00
Meridian: **Willamette**
Section: **S04T34NR04E**
S04T34NR04E
Horiz. Network Relationship: **Network**

VERTICAL

ORTHO (ft.): 45.050
ORTHO (m): 13.731
ELLIP (ft.): -26.017
ELLIP (m): -7.930
GEOID (ft.): -71.066
GEOID (m): -21.661

Vertical Datum: NGVD29
Vertical Method: GPS
Vertical Accuracy: <=0.050m / 0.164ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/ 4/00
Geoid Method: Geoid99
Vert Network Relationship: **N/A**

MONUMENT

Monument Condition: **Set**
Monument Type: **Station Point**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set: **8/14/00**
Monument Set By: **Entranco**
Cased Monument: **No**

Project/Survey #: **00065-10**
Field Book #: **3006**
Page #: **19**
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: **REFERENCE**
SET REBAR WITH RED ENTRANCO CAP, AT THE EASTERLY END OF DIKE ROAD

Site Description:
In Burlington at the EASTERLY END OF DIKE ROAD, AT THE NORTH-SOUTH INTERSECTION, EAST THROUGH 2 GATES FROM LAFAYETTE

Drive-To Descr:

Cross Reference:

Field Ties:
13.25' NORTHEAST FROM POINT TO FACE OF WOOD FENCE POST AT GATE, 19.92' NORTHEAST FROM POINT TO GREEN GATE POST

Comments: **good for gps occupation**

Record Input/Update Date: **12/8/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

POINT ID

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

NAME

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:

Section:

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

SET PK AND SHINER AT THE CENTERLINE OF McCORQUADALE ROAD.

REFERENCE

Site Description:

In Burlington West of I-5, north of the George Hopper Rd. on the centerline of McCorquadale Road, 250'+/- Westerly of Bouslag Rd.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **73**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **S3-1**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **518028.426**

Coord. System Zone: **4601**

EASTING (ft.): **1272652.396**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **157895.380**

Horizontal Method: **Geodetic GPS**

EASTING (m): **387905.226**

Horizontal Accuracy: **<=0.050m / 0.164ft.**

Latitude: **48 24 36.75488**

Horiz Calc By: **Entranco**

Longitude: **122 20 51.50989**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999955252**

Meridian: **Willamette**

Convergence: **-1 07 39**

Section: **S30T34NR04E**

Combined Grid Factor: **0.999957722412599**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **20.473**

Vertical Datum: **NGVD29**

ORTHO (m): **6.240**

Vertical Method: **GPS**

ELLIP (ft.): **-51.647**

Vertical Accuracy: **<=0.100m / 0.328ft.**

ELLIP (m): **-15.742**

Vertical Calc By: **Entranco**

GEOID (ft.): **-72.121**

Vert Calc Date: **8/14/00**

GEOID (m): **-21.982**

Geoid Method: **Geoid99**

Vert Network Relationship: **N/A**

Monument Condition: **Found**

Project/Survey #: **00065-10**

Monument Type: **Station Point**

Field Book #: **3006**

Visit Date: **8/14/00**

Page #: **20**

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **Yes**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

REFERENCE

MONUMENT IN CASE SET IN 4X4 CONCRETE WITH REBAR LS LISSER #22960.

Site Description:

CENTERLINE OF Britt Slough Rd. 20'+/- Northerly of Dike Rd., 0.27' BELOW SURFACE.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: **GOOD FOR GPS**

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: 75

History Records:

PLSS Control:

County/Municipality: SKAGIT CO.

State: WA

Horizontal Control:

Vertical Control:

Point Designation: Z7

Geocode:

Point Desig. Alias: N/A

BLM Designation:

NORTHING (ft.): 508646.943

Coord. System Zone: 4601

EASTING (ft.): 1278000.576

Horizontal Datum: NAD 1983/91

NORTHING (m): 155035.898

Horizontal Method: Geodetic GPS

EASTING (m): 389535.355

Horizontal Accuracy: <=0.020m / 0.066ft.

Latitude: 48 23 05.22416

Horiz Calc By: Entranco

Longitude: 122 19 29.55681

Horiz Calc Date: 8/14/00

Scale Factor: 0.999953087

Meridian: Willamette

Convergence: -1 06 38

Section: S32T34NR04E

Combined Grid Factor: 0.999955751408655

Section: S05T33NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 16.550

Vertical Datum: NGVD29

ORTHO (m): 5.044

Vertical Method: GPS

ELLIP (ft.): -55.703

Vertical Accuracy: <=0.100m / 0.328ft.

ELLIP (m): -16.978

Vertical Calc By: Entranco

GEOID (ft.): -72.252

Vert Calc Date: 8/14/00

GEOID (m): -22.022

Geoid Method: Geoid99

Vert Network Relationship: N/A

Monument Condition: Found

Project/Survey #: 00065-10

Monument Type: Quarter Section Corner

Field Book #: 3006

Visit Date: 8/14/00

Page #: 20

Visit By: Entranco

Image File Ref: N/A

Date Set:

Document File Ref: N/A

Monument Set By: UNK

PLS ID #: 19651

Cased Monument: Yes

PLS_ID_Name: Yeoman, Michael G.

Mon Description:

MONUMENT IN CASE WITH 1.5" IRON PIPE WITH TACK, DOWN 0.7 BELOW SURFACE.

Site Description:

CENTERLINE OF E. HICKOX ROAD, 20+/- WESTERLY OF THE CENTERLINE OF BURKLAND ROAD.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: OK FOR GPS OCCUPATION

Record Input/Update Date: 12/13/00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

ID

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

NAME

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

PLSS

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

MONUMENT IN CASE, (NO LID), CONCRETE WITH 1.25" BOLT WITH PUNCH MARK, 0.20 BELOW SURFACE.

Site Description:

Centerline of Dyke Rd. at the intersection with BRITT Slough Rd.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

Horizontal Control:

Vertical Control:

County/Municipality:

State:

NAME

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:
Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

PLSS

Meridian:
Section:

<input type="text" value="S25T34NR03E"/>	<input type="text" value="S30T34NR04E"/>
<input type="text" value="S36T34NR03E"/>	<input type="text" value="S31T34NR04E"/>

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

REFERENCE

MONUMENT IN CASE CONCRETE WITH 3" BRASS DISK WITH PUNCH MARK DOWN 0.25, STAMPED SKAGIT COUNTY ENGINEERS.

Site Description:

LOCATED ON THE CENTERLINE OF DYKE ROAD AT THE INTERSECTION OF ACP OF THE DRIVEWAY TO HOUSE NUMBER #17000. One-Half MILE NORTH OF BRITT ROAD.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **82**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **N9**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): 524477.696
EASTING (ft.): 1281086.372
NORTHING (m): 159861.122
EASTING (m): 390475.907
Latitude: 48 25 42.00474
Longitude: 122 18 48.35947
Scale Factor: 0.999956915
Convergence: -01 06 07
Combined Grid Factor: 0.999955736669181

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

VERTICAL

Meridian: Willamette
Section: S16T34NR04E S20T34NR04E
S17T34NR04E S21T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

VERTICAL

ORTHO (ft.): 96.294
ORTHO (m): 29.351
ELLIP (ft.): 24.635
ELLIP (m): 7.509
GEOID (ft.): -71.659
GEOID (m): -21.842

Vertical Datum: NGVD29
Vertical Method: Digital Level
Vertical Accuracy: <=0.010m / 0.033ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/ 4/00
Geoid Method: Geoid99
Vert Network Relationship: Network

MONUMENT

Monument Condition: Found
Monument Type: Section Corner
Visit Date: 8/14/00
Visit By: Entranco
Date Set:
Monument Set By: UNK
Cased Monument: Yes

Project/Survey #: 00065-10
Field Book #: 3005
Page #: 2
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description: **REFERENCE**
REBAR AND CAP LS JUDY 1898 IN CASE 0.60 BELOW SURFACE.

Site Description:
AT THE INTERSECTION OF E FIR STREET AND LA VENTURE ROAD. 7.5 FEET NE OF SEWER MANHOLE.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: GOOD FOR GPS OCCUPATION

Record Input/Update Date: 10/23/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **83**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **P9**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **521796.468**

Coord. System Zone: **4601**

EASTING (ft.): **1281062.031**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **159043.881**

Horizontal Method: **Geodetic GPS**

EASTING (m): **390468.488**

Horizontal Accuracy: **<=0.020m / 0.066ft.**

Latitude: **48 25 15.54611**

Horiz Calc By: **Entranco**

Longitude: **122 18 47.95580**

Horiz Calc Date: **10/13/00**

Scale Factor: **0.9999562286**

Meridian: **Willamette**

Convergence: **-1 06 07**

Section: **S20T34NR04E**

Combined Grid Factor: **0.99995069854351**

Section: **S21T34NR04E**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **187.349**

Vertical Datum: **NGVD29**

ORTHO (m): **57.104**

Vertical Method: **Digital Level**

ELLIP (ft.): **115.614**

Vertical Accuracy: **<=0.010m / 0.033ft.**

ELLIP (m): **35.239**

Vertical Calc By: **Entranco**

GEOID (ft.): **-71.735**

Vert Calc Date: **8/ 4/00**

GEOID (m): **-21.865**

Geoid Method: **Geoid99**

Vert Network Relationship: **Network**

Monument Condition: **Found**

Project/Survey #: **00065-10**

Monument Type: **Quarter Section Corner**

Field Book #: **3005**

Visit Date: **8/29/00**

Page #: **3**

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **No**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

MONUMENT IN CASE AT THE INTERSECTION OF DIVISION STREET AND LA VENTURE ROAD. 2" BRASSY WITH "+", 0.86 BELOW SURFACE, 7.7 FEET SE OF SEWER MANHOLE.

Site Description:

INTERSECTION OF DIVISION STREET AND LA VENTURE ROAD

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: **AVAILABLE FOR GPS OCCUPATION**

Record Input/Update Date: **10/23/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **84**

History Records:

PLSS Control:

County/Municipality: SKAGIT CO.

State: WA

Horizontal Control:

Vertical Control:

Point Designation: R9
Point Desig. Alias: N/A

Geocode:
BLM Designation:

NORTHING (ft.): 519122.584
EASTING (ft.): 1281014.300
NORTHING (m): 158228.880
EASTING (m): 390453.940
Latitude: 48 24 49.15546
Longitude: 122 18 47.90099
Scale Factor: 0.99995556
Convergence: -01 06 07
Combined Grid Factor: 0.999948977848111

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

Meridian: Willamette
Section: S20T34NR04E S29T34NR04E
S21T34NR04E S28T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 209.419
ORTHO (m): 63.831
ELLIP (ft.): 137.610
ELLIP (m): 41.944
GEOID (ft.): -71.810
GEOID (m): -21.888

Vertical Datum: NGVD29
Vertical Method: Digital Level
Vertical Accuracy: <=0.010m / 0.033ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/ 4/00
Geoid Method: Geoid99
Vert Network Relationship: Network

Monument Condition: Found
Monument Type: Section Corner
Visit Date: 8/14/00
Visit By: Entranco
Date Set:
Monument Set By: UNK
Cased Monument: Yes

Project/Survey #: 00065-10
Field Book #: 3005
Page #: 4
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description: **REFERENCE**
2" Brass Cap with punch in case, 0.66 below surface.

Site Description:
MONUMENT IN CASE AT THE INTERSECTION OF SECTION STREET AND LA VENTURE ROAD. 17' NORTHEAST OF SOLID LID CATCH BASIN.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 10/23/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **85**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **T9**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

HORIZONTAL

NORTHING (ft.): 516469.329
EASTING (ft.): 1280898.521
NORTHING (m): 157420.166
EASTING (m): 390418.650
Latitude: 48 24 22.95538
Longitude: 122 18 48.86045
Scale Factor: 0.999954913
Convergence: -01 06 07
Combined Grid Factor: 0.999950836320077

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.050m / 0.164ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

VERTICAL

Meridian: Willamette
Section: S29T34NR04E
S28T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

VERTICAL

ORTHO (ft.): 157.115
ORTHO (m): 47.889
ELLIP (ft.): 85.229
ELLIP (m): 25.978
GEOID (ft.): -71.886
GEOID (m): -21.911

Vertical Datum: NGVD29
Vertical Method: Digital Level
Vertical Accuracy: <=0.010m / 0.033ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/4/00
Geoid Method: Geoid99
Vert Network Relationship: Network

MONUMENT

Monument Condition: Existing or Recovered
Monument Type: Quarter Section Corner
Visit Date: 8/14/00
Visit By: Entranco
Date Set:
Monument Set By: UNK
Cased Monument: Yes

Project/Survey #: 00065-10
Field Book #: 3005
Page #: 5
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description:

3" Brass Cap w/ Punch in case.

REFERENCE

Site Description:

ON BLACKBURN ROAD, 0.10 EAST OF SOUTH 20TH. MONUMENT IS ACROSS from a driveway to the north (#2209 & #2241) 34.9 feet south of "ENTERING MOUNT VERNON" sign, 11.35 feet north of south E-W edge of pavement.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 12/13/00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **87**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **R11**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): 519042.869
EASTING (ft.): 1283638.795
NORTHING (m): 158204.583
EASTING (m): 391253.887
Latitude: 48 24 48.86518
Longitude: 122 18 08.98152
Scale Factor: 0.9999555528
Convergence: -1 05 38
Combined Grid Factor: 0.999947612954399
Feet Units: **U.S. Survey Foot**

PLS

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/10/00

Meridian: **Willamette**
Section: **S21T34NR04E**
S28T34NR04E

Horiz. Network Relationship: **Network**

VERTICAL

ORTHO (ft.): 237.696
ORTHO (m): 72.450
ELLIP (ft.): 165.995
ELLIP (m): 50.595
GEOID (ft.): -71.702
GEOID (m): -21.855

Vertical Datum: **NGVD29**
Vertical Method: **Digital Level**
Vertical Accuracy: <=0.010m / 0.033ft.
Vertical Calc By: **Entranco**
Vert Calc Date: **8/ 4/00**
Geoid Method: **Geoid99**
Vert Network Relationship: **Network**

MONUMENT

Monument Condition: **Found**
Monument Type: **Quarter Section Corner**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **Lisser**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #: **3005**
Page #: **7**
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: **REFERENCE**
MONUMENT IN CASE 2" BRASSY WITH PUNCH STAMPED "SEMPRAU & LISSER PLS 22960"

Site Description:
LOCATED ON SECTION STREET, 100 FEET EAST OF SOUTH 30TH STREET, 26.8 FEET SOUTH OF PP 7863, 22.1 FEET NORTH OF FACE OF CURB TO THE SOUTH.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: **AVAILABLE FOR GPS OCCUPATION**

Record Input/Update Date: **10/23/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **88**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

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Point Designation: **L7**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

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NORTHING (ft.): 527226.623
EASTING (ft.): 1278493.650
NORTHING (m): 160698.996
EASTING (m): 389685.644
Latitude: 48 26 08.63273
Longitude: 122 19 27.58593
Scale Factor: 0.999957623
Convergence: -1 06 36
Combined Grid Factor: 0.999959727639982

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

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Meridian: **Willamette**
Section: **S17T34NR04E**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

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ORTHO (ft.): 27.690
ORTHO (m): 8.440
ELLIP (ft.): -44.000
ELLIP (m): -13.411
GEOID (ft.): -71.685
GEOID (m): -21.850

Vertical Datum: NGVD29
Vertical Method: GPS
Vertical Accuracy: <=0.050m / 0.164ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/14/00
Geoid Method: Geoid99
Vert Network Relationship: **N/A**

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Monument Condition: **Found**
Monument Type: **Center Quarter Section Cor**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #: **305**
Page #: **8**
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: **REFERENCE**
MONUMENT IN CASE, 2" BRASS DISK SET IN CONCRETE WITH TWO PUNCH MARKS, (N&S), 1.5 FEET BELOW SURFACE. (Used northerly punch mark)

Site Description:
LOCATED ON COLLEGE WAY, 500 FEET +/- EAST OF CONTINENTAL PLACE, BETWEEN PRIME RENTAL EQUIPMENT AND PAPA MURPHY'S.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: **good for gps occupation**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:

Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:
REFERENCE

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **90**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **N11**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **524402.960**

Coord. System Zone: **4601**

EASTING (ft.): **1283714.482**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **159838.342**

Horizontal Method: **Geodetic GPS**

EASTING (m): **391276.957**

Horizontal Accuracy: **<=0.050m / 0.164ft.**

Latitude: **48 25 41.76431**

Horiz Calc By: **Entranco**

Longitude: **122 18 09.37666**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999956909**

Meridian: **Willamette**

Convergence: **-01 05 38**

Section: **S16T34NR04E**

Combined Grid Factor: **0.999955848059935**

Section: **S21T34NR04E**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **93.773**

Vertical Datum: **NGVD29**

ORTHO (m): **28.582**

Vertical Method: **Digital Level**

ELLIP (ft.): **22.180**

Vertical Accuracy: **<=0.050m / 0.164ft.**

ELLIP (m): **6.761**

Vertical Calc By: **Entranco**

GEOID (ft.): **-71.563**

Vert Calc Date: **8/ 4/00**

GEOID (m): **-21.813**

Geoid Method: **Geoid99**

Vert Network Relationship: **Network**

Monument Condition: **Found**

Project/Survey #: **00065-10**

Monument Type: **Quarter Section Corner**

Field Book #:

Visit Date: **8/14/00**

Page #:

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **Yes**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

REFERENCE

MONUMENT IN CASE WITH A 2" BRASS DISK WITH PUNCH, ON THE NORTH SIDE OF DISK, 0.30 BELOW SURFACE.

Site Description:

LOCATED AT THE INTERSECTION OF NORTH 30TH ST. AND FIR AVE.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **91**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **N7**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.):	524565.090
EASTING (ft.):	1278427.494
NORTHING (m):	159887.759
EASTING (m):	389665.479
Latitude:	48 25 42.35065
Longitude:	122 19 27.80185
Scale Factor:	0.999956924
Convergence:	-1 06 36
Combined Grid Factor:	0.999953321117406

Coord. System Zone:	4601
Horizontal Datum:	NAD 1983/91
Horizontal Method:	Geodetic GPS
Horizontal Accuracy:	<=0.020m / 0.066ft.
Horiz Calc By:	Entranco
Horiz Calc Date:	8/14/00

Meridian:	Willamette
Section:	S17T34NR04E
	S20T34NR04E

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.):	147.080
ORTHO (m):	44.830
ELLIP (ft.):	75.323
ELLIP (m):	22.959
GEOID (ft.):	-71.758
GEOID (m):	-21.872

Vertical Datum:	NGVD29
Vertical Method:	GPS
Vertical Accuracy:	<=0.050m / 0.164ft.
Vertical Calc By:	Entranco
Vert Calc Date:	8/14/00
Geoid Method:	Geoid99

Vert Network Relationship: **N/A**

Monument Condition:	Existing or Recovered
Monument Type:	Quarter Section Corner
Visit Date:	8/14/00
Visit By:	Entranco
Date Set:	
Monument Set By:	UNK
Cased Monument:	Yes

Project/Survey #:	00065-10
Field Book #:	3005
Page #:	9
Image File Ref:	N/A
Document File Ref:	N/A
PLS ID #:	19651
PLS_ID_Name:	Yeoman, Michael G.

Mon Description:

REFERENCE
MONUMENT IN CASE WITH A 2" BRASS DISK WITH PUNCH, WEST SIDE, SET IN 4"X4" CONCRETE BLOCK, 0.50 BELOW SURFACE.

Site Description:

LOCATED AT THE INTERSECTION OF NORTH 14TH AND FIR AVE.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **10/23/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **92**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

POINT

Point Designation: **P7-1**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

COORDINATE

NORTHING (ft.): **521876.866**

Coord. System Zone: **4601**

EASTING (ft.): **1278444.330**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **159068.387**

Horizontal Method: **Geodetic GPS**

EASTING (m): **389670.611**

Horizontal Accuracy: **<=0.020m / 0.066ft.**

Latitude: **48 25 15.84078**

Horiz Calc By: **Entranco**

Longitude: **122 19 26.78044**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999956236**

Meridian: **Willamette**

Convergence: **-1 06 36**

Section: **S20T34NR04E**

Combined Grid Factor: **0.999950443086558**

Section:

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

VERTICAL

ORTHO (ft.): **192.940**

Vertical Datum: **NGVD29**

ORTHO (m): **58.808**

Vertical Method: **GPS**

ELLIP (ft.): **121.110**

Vertical Accuracy: **<=0.050m / 0.164ft.**

ELLIP (m): **36.914**

Vertical Calc By: **Entranco**

GEOID (ft.): **-71.828**

Vert Calc Date: **8/14/00**

GEOID (m): **-21.893**

Geoid Method: **Geoid99**

Vert Network Relationship: **N/A**

MONUMENT

Monument Condition: **Found**

Project/Survey #: **00065-10**

Monument Type: **Location Monument**

Field Book #: **3005**

Visit Date: **8/14/00**

Page #: **10**

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **Yes**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: **REFERENCE**
MONUMENT IN CASE WITH A 2" BRASS DISK WITH CENTER PUNCH, 0.50 BELOW SURFACE.

Site Description:
LOCATED AT THE 'T' SECTION OF SOUTH 14TH AND DIVISION.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **10/23/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **93**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **N5**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): 524644.406
EASTING (ft.): 1275766.602
NORTHING (m): 159911.935
EASTING (m): 388854.438
Latitude: 48 25 42.63248
Longitude: 122 20 07.27248
Scale Factor: 0.999956932
Convergence: -1 07 06
Combined Grid Factor: 0.999958737708856

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.020m / 0.066ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

P.L.S.
Meridian: Willamette
Section: S18T34NR04E S17T34NR04E
S19T34NR04E S20T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

VERTICAL

ORTHO (ft.): 34.090
ORTHO (m): 10.391
ELLIP (ft.): -37.751
ELLIP (m): -11.506
GEOID (ft.): -71.842
GEOID (m): -21.898

Vertical Datum: NGVD29
Vertical Method: GPS
Vertical Accuracy: <=0.050m / 0.164ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/14/00
Geoid Method: Geoid99
Vert Network Relationship: Network

MONUMENT

Monument Condition: Found
Monument Type: Section Corner
Visit Date: 8/14/00
Visit By: Entranco
Date Set:
Monument Set By: UNK
Cased Monument: Yes

Project/Survey #: 00065-10
Field Book #: 3005
Page #: 10
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description: **REFERENCE**
MONUMENT IN CASE WITH A 2" BRASS DISK WITH CENTER PUNCH, SET IN 4"X4" CONCRETE PAD, 0.50 BELOW SURFACE.

Site Description:
LOCATED AT THE INTERSECTION OF NORTH 4TH STREET/RIVERSIDE DRIVE, AND FIR STREET.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 10/23/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **95**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **P13**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): **521645.900**
EASTING (ft.): **1287434.692**
NORTHING (m): **158997.988**
EASTING (m): **392410.879**
Latitude: **48 25 15.25915**
Longitude: **122 17 13.45232**
Scale Factor: **0.999956221**
Convergence: **-01 04 56**
Combined Grid Factor: **0.99994125178982**

Coord. System Zone: **4601**
Horizontal Datum: **NAD 1983/91**
Horizontal Method: **Geodetic GPS**
Horizontal Accuracy: **<=0.050m / 0.164ft.**
Horiz Calc By: **Entranco**
Horiz Calc Date: **8/14/00**

VERTICAL

Meridian: **Willamette**
Section: **S21T34NR04E**
S22T34NR04E

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

VERTICAL

ORTHO (ft.): **384.406**
ORTHO (m): **117.167**
ELLIP (ft.): **312.957**
ELLIP (m): **95.389**
GEOID (ft.): **-71.632**
GEOID (m): **-21.834**

Vertical Datum: **NGVD29**
Vertical Method: **Digital Level**
Vertical Accuracy: **<=0.010m / 0.033ft.**
Vertical Calc By: **Entranco**
Vert Calc Date: **8/ 4/00**
Geoid Method: **Geoid99**

Vert Network Relationship: **Network**

MONUMENT

Monument Condition: **Found**
Monument Type: **Intersection Point**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #:
Page #:
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

REFERENCE
MONUMENT IN CASE WITH A 1" BRASS DISK WITH PUNCH SET IN 2"X2" CONCRETE BLOCK, 0.70 BELOW SURFACE.

Site Description:

LOCATED AT THE INTERSECTION OF SOUTH WAUGH ROAD AND DIVISION STREET.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **96**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **P15**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

NORTHING (ft.): 521603.669
EASTING (ft.): 1288963.714
NORTHING (m): 158985.116
EASTING (m): 392876.926
Latitude: 48 25 15.12688
Longitude: 122 16 50.77602
Scale Factor: 0.999956218
Convergence: -01 04 40
Combined Grid Factor: 0.999942158045475

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.050m / 0.164ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

Meridian: Willamette
Section: S22T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

ORTHO (ft.): 365.376
ORTHO (m): 111.367
ELLIP (ft.): 293.947
ELLIP (m): 89.595
GEOID (ft.): -71.469
GEOID (m): -21.784

Vertical Datum: NGVD29
Vertical Method: Digital Level
Vertical Accuracy: <=0.010m / 0.033ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/ 4/00
Geoid Method: Geoid99

Vert Network Relationship: Network

Monument Condition: Found
Monument Type: Center Quarter Section Cor
Visit Date: 8/14/00
Visit By: Entranco
Date Set:
Monument Set By: UNK
Cased Monument: Yes

Project/Survey #: 00065-10
Field Book #:
Page #:
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description: **REFERENCE**
MONUMENT IN CASE WITH 3/4" REBAR WITH CENTER PUNCH, 0.35 BELOW SURFACE.

Site Description:
LOCATED 3 FEET SOUTH OF DOUBLE YELLOW ON DIVISION STREET, 0.4 MILE EAST OF SOUTH WAUGH ROAD, 300 FEET +/- WEST OF FIRE STATION #3 SIGN ON THE NORTH SIDE OF DIVISION.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 12/13/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

POINT ID

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

NAME

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

FOUND 2" IRON PIPE WITH HUB INSIDE WITH TACK

Site Description:

LOCATED QUARTER MILE EAST OF BURLINGAME ROAD AT THE MT. VERNON CITY LIMITS, BEFORE SNAKE IN THE ROAD, 9 FEET NORTH OF EDGE OF PAVE, 33.4 FEET SOUTHWEST OF PP #9800,(PK WITH FLAGGING IN FACE OF POLE).

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **98**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **R5**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **519325.871**

Coord. System Zone: **4601**

EASTING (ft.): **1275055.545**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **158290.842**

Horizontal Method: **Geodetic GPS**

EASTING (m): **388637.707**

Horizontal Accuracy: **<=0.050m / 0.164ft.**

Latitude: **48 24 50.02102**

Horiz Calc By: **Entranco**

Longitude: **122 20 16.27216**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999955582**

Meridian: **Willamette**

Convergence: **-1 07 13**

Section: **S19T34NR04E S20T34NR04E**

Combined Grid Factor: **0.999958124873412**

Section: **S30T34NR04E S29T34NR04E**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **18.850**

Vertical Datum: **NGVD29**

ORTHO (m): **5.745**

Vertical Method: **GPS**

ELLIP (ft.): **-53.162**

Vertical Accuracy: **<=0.100m / 0.328ft.**

ELLIP (m): **-16.204**

Vertical Calc By: **Entranco**

GEOID (ft.): **-72.012**

Vert Calc Date: **8/14/00**

GEOID (m): **-21.949**

Geoid Method: **Geoid99**

Vert Network Relationship: **N**

Monument Condition: **Found**

Project/Survey #: **00065-10**

Monument Type: **Section Corner**

Field Book #: **6005**

Visit Date: **8/14/00**

Page #: **17**

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **Yes**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

MONUMENT IN CASE WITH A 2" BRASS DISK WITH PUNCH SET IN 4"X4" CONCRETE BLOCK, 0.25 BELOW SURFACE.

Site Description:

LOCATED AT THE INTERSECTION OF SOUTH 2ND/RIVERSIDE AND SECTION ST.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **101**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **A1-5**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **506215.550**

Coord. System Zone: **4601**

EASTING (ft.): **1269763.065**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **154294.808**

Horizontal Method: **Geodetic GPS**

EASTING (m): **387024.556**

Horizontal Accuracy: **<=0.050m / 0.164ft.**

Latitude: **48 22 39.64180**

Horiz Calc By: **Entranco**

Longitude: **122 21 30.85831**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999952517**

Meridian: **Willamette**

Convergence: **-1 08 08**

Section: **S03T34NR04E**

Combined Grid Factor: **0.99995518169987**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **16.880**

Vertical Datum: **NGVD29**

ORTHO (m): **5.145**

Vertical Method: **GPS**

ELLIP (ft.): **-55.709**

Vertical Accuracy: **<=0.100m / 0.328ft.**

ELLIP (m): **-16.980**

Vertical Calc By: **Entranco**

GEOID (ft.): **-72.587**

Vert Calc Date: **8/14/00**

GEOID (m): **-22.125**

Geoid Method: **Geoid99**

Vert Network Relationship: **N/A**

Monument Condition: **Set**

Project/Survey #: **00065-10**

Monument Type: **Aerial Target (H&V)**

Field Book #:

Visit Date: **8/14/00**

Page #:

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set: **8/14/00**

Document File Ref: **N/A**

Monument Set By: **Entranco**

PLS ID #: **19651**

Cased Monument: **No**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

SET PK NAIL AND SHINER

REFERENCE

Site Description:

CENTERLINE OF DIKE ROAD AT DRIVEWAY TO HOUSE #1849 ONE-HALF MILE SOUTH OF HICKOX ROAD

Drive-To Descr:

Cross Reference:

Field Ties:

Comments: **GOOD FOR GPS OCCUPATION**

Record Input/Update Date: **12/13/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **103**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **J19**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): 529460.900
EASTING (ft.): 1294432.964
NORTHING (m): 161380.005
EASTING (m): 394543.957
Latitude: 48 26 33.65733
Longitude: 122 15 31.86316
Scale Factor: 0.999958304
Convergence: -1 03 41
Combined Grid Factor: 0.999958788317871

Coord. System Zone: 4601
Horizontal Datum: NAD 1983/91
Horizontal Method: Geodetic GPS
Horizontal Accuracy: <=0.050m / 0.164ft.
Horiz Calc By: Entranco
Horiz Calc Date: 8/14/00

VERTICAL

Meridian: Willamette
Section: S11T34NR04E
S14T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: Network

VERTICAL

ORTHO (ft.): 60.830
ORTHO (m): 18.541
ELLIP (ft.): -10.125
ELLIP (m): -3.086
GEOID (ft.): -70.959
GEOID (m): -21.628

Vertical Datum: NGVD29
Vertical Method: GPS
Vertical Accuracy: <=0.100m / 0.328ft.
Vertical Calc By: Entranco
Vert Calc Date: 8/14/00
Geoid Method: Geoid99
Vert Network Relationship: N/A

MONUMENT

Monument Condition: Found
Monument Type: Quarter-Section Corner
Visit Date: 8/14/00
Visit By: Entranco
Date Set:
Monument Set By: UNK
Cased Monument: No

Project/Survey #: 00065-10
Field Book #:
Page #:
Image File Ref: N/A
Document File Ref: N/A
PLS ID #: 19651
PLS_ID_Name: Yeoman, Michael G.

Mon Description: **REFERENCE**
Iron pipe with punch mark, north of E-W fence line

Site Description:
Located on the north line of a Gravel Pit, east of SR9 approximately 0.9 miles north of "Big Rock".

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 12/13/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **109**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **POINTA**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **505700.970**

Coord. System Zone: **4601**

EASTING (ft.): **1278083.612**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **154137.964**

Horizontal Method: **Geodetic GPS**

EASTING (m): **389560.664**

Horizontal Accuracy: **<=0.020m / 0.066ft.**

Latitude: **48 22 36.17372**

Horiz Calc By: **Entranco**

Longitude: **122 19 27.48133**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999952441**

Meridian: **Willamette**

Convergence: **-1 06 36**

Section: **S05T33NR04E**

Combined Grid Factor: **0.999955330459151**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **11.940**

Vertical Datum: **NGVD29**

ORTHO (m): **3.639**

Vertical Method: **GPS**

ELLIP (ft.): **-60.408**

Vertical Accuracy: **<=0.100m / 0.328ft.**

ELLIP (m): **-18.412**

Vertical Calc By: **Entranco**

GEOID (ft.): **-72.350**

Vert Calc Date: **8/14/00**

GEOID (m): **-22.052**

Geoid Method: **Geoid99**

Vert Network Relationship: **N/A**

Monument Condition: **Set**

Project/Survey #: **00065-10**

Monument Type: **Aerial Target (H&V)**

Field Book #:

Visit Date: **8/14/00**

Page #:

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **No**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

SET PK NAIL WITH SHINER

REFERENCE:

Site Description:

CENTER OF BURKLAND ROAD ONE-HALF MILE SOUTH OF HICKOX ROAD OPPOSITE HEDGE AT HOUSE #18563

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

PK NAIL WITH SHINER REFERENCE

Site Description:

Feed storage area at farm 175' from Francis Road.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

ID

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

NAME

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

GEOID

Meridian:
Section:

Feet Units:

Horiz. Network Relationship:

VERTICAL

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

MONUMENT

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:

2" BRASS DISK WITH PUCH MARK 0.75" DEEP IN MONUMENT CASE



Site Description:

INTERSECTION BLACKBURN ROAD AT RAILROAD AVENUE NE

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:



Survey Control Point

Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:
Point Desig. Alias:

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Feet Units:

Coord. System Zone:
Horizontal Datum:
Horizontal Method:
Horizontal Accuracy:
Horiz Calc By:
Horiz Calc Date:

Meridian:
Section:

Horiz. Network Relationship:

ORTHO (ft.):
ORTHO (m):
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum:
Vertical Method:
Vertical Accuracy:
Vertical Calc By:
Vert Calc Date:
Geoid Method:
Vert Network Relationship:

Monument Condition:
Monument Type:
Visit Date:
Visit By:
Date Set:
Monument Set By:
Cased Monument:

Project/Survey #:
Field Book #:
Page #:
Image File Ref:
Document File Ref:
PLS ID #:
PLS_ID_Name:

Mon Description:
MONUMENT IN CASE 3"BRASS DISK WITH PUNCH MARK STAMPED WASHINGTON COUNTY REFERENCE POINT. 0.55' DEEP

Site Description:

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **115**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **V5**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.): **514022.238**

Coord. System Zone: **4601**

EASTING (ft.): **1275520.421**

Horizontal Datum: **NAD 1983/91**

NORTHING (m): **156674.291**

Horizontal Method: **Geodetic GPS**

EASTING (m): **388779.402**

Horizontal Accuracy: **<=0.020m / 0.066ft.**

Latitude: **48 23 57.78305**

Horiz Calc By: **Entranco**

Longitude: **122 20 07.84786**

Horiz Calc Date: **8/14/00**

Scale Factor: **0.999954306**

Meridian: **Willamette**

Convergence: **-1 07 06**

Section: **S29T34NR04E S31T34NR04E**

Combined Grid Factor: **0.999956969523177**

Section: **S30T34NR04E S32T34NR04E**

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

ORTHO (ft.): **16.470**

Vertical Datum: **NGVD29**

ORTHO (m): **5.020**

Vertical Method: **GPS**

ELLIP (ft.): **-55.685**

Vertical Accuracy: **<=0.100m / 0.328ft.**

ELLIP (m): **-16.973**

Vertical Calc By: **Entranco**

GEOID (ft.): **-72.158**

Vert Calc Date: **8/14/00**

GEOID (m): **-21.994**

Geoid Method: **Geoid99**

Vert Network Relationship: **N/A**

Monument Condition: **Found**

Project/Survey #: **00065-10**

Monument Type: **Section Corner**

Field Book #: **3005**

Visit Date: **8/14/00**

Page #: **15**

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **Yes**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

MONUMENT IN CASE 3"BRASS DISK WITH PUCH MARK STAMPED WASHINGTON COUNTY REFERENCE MARK, 0.50' DEEP

Site Description:

INTERSECTION OF OLD HIGHWAY 99 AT ANDERSON ROAD

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **116**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **X5**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.):	511362.244
EASTING (ft.):	1275419.681
NORTHING (m):	155863.524
EASTING (m):	388748.696
Latitude:	48 23 31.51910
Longitude:	122 20 08.57096
Scale Factor:	0.999953689
Convergence:	-1 07 07
Combined Grid Factor:	0.999956565124205

PLSS

Coord. System Zone:	4601
Horizontal Datum:	NAD 1983/91
Horizontal Method:	Geodetic GPS
Horizontal Accuracy:	<=0.020m / 0.066ft.
Horiz Calc By:	Entranco
Horiz Calc Date:	8/14/00

Meridian: **Willamette**
Section: **S31T34NR04E**
S32T34NR04E

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

VERTICAL

ORTHO (ft.):	12.120
ORTHO (m):	3.694
ELLIP (ft.):	-60.129
ELLIP (m):	-18.327
GEOID (ft.):	-72.249
GEOID (m):	-22.022

Vertical Datum:	NGVD29
Vertical Method:	GPS
Vertical Accuracy:	<=0.100m / 0.328ft.
Vertical Calc By:	Entranco
Vert Calc Date:	8/14/00
Geoid Method:	Geoid99
Vert Network Relationship:	N/A

MONUMENT

Monument Condition:	Found
Monument Type:	Quarter Section Corner
Visit Date:	8/14/00
Visit By:	Entranco
Date Set:	
Monument Set By:	UNK
Cased Monument:	Yes

Project/Survey #:	00065-10
Field Book #:	305
Page #:	16
Image File Ref:	N/A
Document File Ref:	N/A
PLS ID #:	19651
PLS_ID_Name:	Yeoman, Michael G.

Mon Description: **REFERENCE**
MONUMENT IN CASE 3" BRASS DISK WITH PUNCH MARK STAMPED WASHINGTON COUNTY REFERENCE MARK. 0.25" DEEP

Site Description:
CENTERLINE OF OLD HIGHWAY 99 SOUT. ONE-HALF MILE SOUTH OF ANDERSON ROAD, IN LINE WITH POWER POLES AT VALLEY MOVING STORAGE AND BLUE DIAMOND MANUFACTURING CO.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **117**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

NAME

Point Designation: **Z5**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

HORIZONTAL

NORTHING (ft.): **508707.549**
EASTING (ft.): **1275351.780**
NORTHING (m): **155054.371**
EASTING (m): **388728.000**
Latitude: **48 23 05.31370**
Longitude: **122 20 08.80897**
Scale Factor: **0.999953087**
Convergence: **-1 07 07**
Combined Grid Factor: **0.999956156551004**

Coord. System Zone: **4601**
Horizontal Datum: **NAD 1983/91**
Horizontal Method: **Geodetic GPS**
Horizontal Accuracy: **<=0.020m / 0.066ft.**
Horiz Calc By: **Entranco**
Horiz Calc Date: **8/14/00**

ELEV

Meridian: **Willamette**
Section:

S31T34NR04E	S06T33NR04E
S32T34NR04E	S05T33NR04E

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **Network**

VERTICAL

ORTHO (ft.): **8.170**
ORTHO (m): **2.490**
ELLIP (ft.): **-64.173**
ELLIP (m): **-19.560**
GEOID (ft.): **-72.252**
GEOID (m): **-22.022**

Vertical Datum: **NGVD29**
Vertical Method: **GPS**
Vertical Accuracy: **<=0.100m / 0.328ft.**
Vertical Calc By: **Entranco**
Vert Calc Date: **8/14/00**
Geoid Method: **Geoid99**
Vert Network Relationship: **N/A**

MONUMENT

Monument Condition: **Found**
Monument Type: **Section Corner**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #: **305**
Page #: **17**
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: **REFERENCE**
MONUMENT IN CASE 2"BRASS DISK WITH LARGE "X". 0.65' DEEP

Site Description:
INTERSECTION OF HICKOX ROAD WITH OLD HIGHWAY 99

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/13/00**

Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **119**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **T8**
Point Desig. Alias: **N/A**

Geocode:
BLM Designation:

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Feet Units: **U.S. Survey Foot**

Coord. System Zone: **4601**
Horizontal Datum: **Not Applicable**
Horizontal Method: **No Entry**
Horizontal Accuracy: **No Entry**
Horiz Calc By: **Unknown**
Horiz Calc Date:

Meridian: **Willamette**
Section: **S29T34NR04E**

Horiz. Network Relationship: **N**

ORTHO (ft.): **164.940**
ORTHO (m): **50.274**
ELLIP (ft.):
ELLIP (m):
GEOID (ft.):
GEOID (m):

Vertical Datum: **NGVD29**
Vertical Method: **Digital Level**
Vertical Accuracy: **<=0.010m / 0.033ft.**
Vertical Calc By: **Entranco**
Vert Calc Date: **8/ 4/00**
Geoid Method: **N/A**
Vert Network Relationship: **Network**

Monument Condition: **Found**
Monument Type: **Intersection Point**
Visit Date: **8/4/00**
Visit By: **Entranco**
Date Set:
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #:
Page #:
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description: REFERENCE
Top of monument in case (3" disk)

Site Description:
Intersection of Blackburn Road at S. 18th Street

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **10/23/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **120**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **T11-1**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.):

Coord. System Zone: **4601**

EASTING (ft.):

Horizontal Datum: **Not Applicable**

NORTHING (m):

Horizontal Method: **No Entry**

EASTING (m):

Horizontal Accuracy: **NoEntry**

Latitude:

Horiz Calc By: **Unknown**

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian: **Willamette**

Convergence:

Section: **S28T34NR04E**

Combined Grid Factor:

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **N/A**

ORTHO (ft.): **263.986**

Vertical Datum: **NGVD29**

ORTHO (m): **80.463**

Vertical Method: **Digital Level**

ELLIP (ft.):

Vertical Accuracy: **<=0.010m / 0.033ft.**

ELLIP (m):

Vertical Calc By: **Entranco**

GEOID (ft.):

Vert Calc Date: **8/ 4/00**

GEOID (m):

Geoid Method: **N/A**

Vert Network Relationship: **Network**

Monument Condition: **Set**

Project/Survey #: **00065-10**

Monument Type: **Vertical Control Station**

Field Book #:

Visit Date: **8/4/00**

Page #:

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **Entranco**

PLS ID #: **19651**

Cased Monument: **No**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

REFERENCE

RE-BAR WITH RED ENTRANCO CAP

Site Description:

NORTHERLY SIDE BLACKBURN RD. AT EASTERLY END OF GUARD RAIL AT INT. LITTLE MT. RD.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/12/00**

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Print Date: **13-Dec-00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **121**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

ID

NAME

Point Designation: **R7-1**
Point Desig. Alias: **N/A**

Geocode: _____
BLM Designation: _____

HORIZONTAL

NORTHING (ft.): _____
EASTING (ft.): _____
NORTHING (m): _____
EASTING (m): _____
Latitude: _____
Longitude: _____
Scale Factor: _____
Convergence: _____
Combined Grid Factor: _____

Feet Units: **U.S. Survey Foot**

Coord. System Zone: **4601**
Horizontal Datum: **Not Applicable**
Horizontal Method: **No Entry**
Horizontal Accuracy: **No Entry**
Horiz Calc By: **Unknown**
Horiz Calc Date: _____

US

Meridian: **Willamette**
Section: **S20T34NR04E**

Horiz. Network Relationship: **N**

VERTICAL

ORTHO (ft.): **179.683**
ORTHO (m): **54.768**
ELLIP (ft.): _____
ELLIP (m): _____
GEOID (ft.): _____
GEOID (m): _____

Vertical Datum: **NGVD29**
Vertical Method: **Digital Level**
Vertical Accuracy: **<=0.010m / 0.033ft.**
Vertical Calc By: **Entranco**
Vert Calc Date: **8/14/00**
Geoid Method: **N/A**

Vert Network Relationship: **Network**

MONUMENT

Monument Condition: **Found**
Monument Type: **Vertical Control Station**
Visit Date: **8/14/00**
Visit By: **Entranco**
Date Set: _____
Monument Set By: **UNK**
Cased Monument: **Yes**

Project/Survey #: **00065-10**
Field Book #: _____
Page #: _____
Image File Ref: **N/A**
Document File Ref: **N/A**
PLS ID #: **19651**
PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

4"BRASS DISK WITH PUNCH MARK IN MONUMENT CASE

REFERENCE

Site Description:

INTERSECTION 15TH AV. AT SECTION STREET

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/1/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: **122**

History Records:

PLSS Control:

County/Municipality: **SKAGIT CO.**

State: **WA**

Horizontal Control:

Vertical Control:

Point Designation: **Q12-1**

Geocode:

Point Desig. Alias: **N/A**

BLM Designation:

NORTHING (ft.):

Coord. System Zone: **4601**

EASTING (ft.):

Horizontal Datum: **Not Applicable**

NORTHING (m):

Horizontal Method: **No Entry**

EASTING (m):

Horizontal Accuracy: **No Entry**

Latitude:

Horiz Calc By: **Unknown**

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian: **Willamette**

Convergence:

Section: **S21T34NR04E**

Combined Grid Factor:

Feet Units: **U.S. Survey Foot**

Horiz. Network Relationship: **N**

ORTHO (ft.): **299.024**

Vertical Datum: **NGVD29**

ORTHO (m): **91.143**

Vertical Method: **Digital Level**

ELLIP (ft.):

Vertical Accuracy: **<=0.010m / 0.033ft.**

ELLIP (m):

Vertical Calc By: **Entranco**

GEOID (ft.):

Vert Calc Date: **8/4/00**

GEOID (m):

Geoid Method: **N/A**

Vert Network Relationship: **Network**

Monument Condition: **Set**

Project/Survey #: **00065-10**

Monument Type: **Station Point**

Field Book #:

Visit Date: **8/4/00**

Page #:

Visit By: **Entranco**

Image File Ref: **N/A**

Date Set:

Document File Ref: **N/A**

Monument Set By: **UNK**

PLS ID #: **19651**

Cased Monument: **No**

PLS_ID_Name: **Yeoman, Michael G.**

Mon Description:

SET REBAR WITH RED "ENTRANCO" CAP

Site Description:

EAST SIDE OF DIGBY STREET NORTHEAST OF MONTGOMERY STREET 1' SOUTH OF FIRE HYDRANT 15' EAST OF EDGE OF PAVEMENT.

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: **12/1/00**



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

2"disk with "x" in 4"-4"square conc. monument in case

Site Description:

AT CUL-DE-SAC EAGLEMONT GOLF COURSE AT WAUGH ROAD AND EAGLEMONT DRIVE

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 12/8/00

Print Date: 13-Dec-00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #: 127

History Records:

PLSS Control:

County/Municipality: SKAGIT CO.

State: WA

Horizontal Control:

Vertical Control:

NAME

Point Designation: P19-1
Point Desig. Alias: N/A

Geocode:

BLM Designation:

HORIZONTAL

NORTHING (ft.):
EASTING (ft.):
NORTHING (m):
EASTING (m):
Latitude:
Longitude:
Scale Factor:
Convergence:
Combined Grid Factor:

Coord. System Zone: 4601

Horizontal Datum: Not Applicable

Horizontal Method: No Entry

Horizontal Accuracy: NoEntry

Horiz Calc By: Unknown

Horiz Calc Date:

Meridian: Willamette

Section: S23T34NR04E

Feet Units: U.S. Survey Foot

Horiz. Network Relationship: N

VERTICAL

ORTHO (ft.): 215.999

ORTHO (m): 65.837

ELLIP (ft.):

ELLIP (m):

GEOID (ft.):

GEOID (m):

Vertical Datum: NGVD29

Vertical Method: Digital Level

Vertical Accuracy: <=0.020m / 0.066ft.

Vertical Calc By: Entranco

Vert Calc Date: 8/ 4/00

Geoid Method: N/A

Vert Network Relationship: Network

MONUMENT

Monument Condition: Set

Monument Type: Vertical Control Station

Visit Date: 8/4/00

Visit By: Entranco

Date Set: 8/4/00

Monument Set By: Entranco

Cased Monument: No

Project/Survey #: 00065-10

Field Book #:

Page #:

Image File Ref: N/A

Document File Ref: N/A

PLS ID #: 19651

PLS_ID_Name: Yeoman, Michael G.

Mon Description:

SET REBAR WITH RED "ENTRANCO" CAP

REFERENCE

Site Description:

DIVISION STREET 0.3 MILES WEST OF HIGHWAY SR9 AT EAST END OF GUARD RAIL

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date: 12/1/00



Survey Control Point Standard Data Sheet

City of Mount Vernon
1024 Cleveland St
Mount Vernon WA 98273

Voice (primary phone)
Fax (primary fax)
(primary email)

Point ID #:

History Records:

PLSS Control:

County/Municipality:

State:

Horizontal Control:

Vertical Control:

Point Designation:

Geocode:

Point Desig. Alias:

BLM Designation:

NORTHING (ft.):

Coord. System Zone:

EASTING (ft.):

Horizontal Datum:

NORTHING (m):

Horizontal Method:

EASTING (m):

Horizontal Accuracy:

Latitude:

Horiz Calc By:

Longitude:

Horiz Calc Date:

Scale Factor:

Meridian:

Convergence:

Section:

Combined Grid Factor:

Feet Units:

Horiz. Network Relationship:

ORTHO (ft.):

Vertical Datum:

ORTHO (m):

Vertical Method:

ELLIP (ft.):

Vertical Accuracy:

ELLIP (m):

Vertical Calc By:

GEOID (ft.):

Vert Calc Date:

GEOID (m):

Geoid Method:

Vert Network Relationship:

Monument Condition:

Project/Survey #:

Monument Type:

Field Book #:

Visit Date:

Page #:

Visit By:

Image File Ref:

Date Set:

Document File Ref:

Monument Set By:

PLS ID #:

Cased Monument:

PLS_ID_Name:

Mon Description:

BENCH MARK: SET SCRIBED "X" IN SQUARE REFERENCE

Site Description:

LOCATED ON THE WESTERLY VAULT IN ISLAND AT THE ENTRANCE TO THE CHURCH #4520 EAST COLLEGE WAY

Drive-To Descr:

Cross Reference:

Field Ties:

Comments:

Record Input/Update Date:

Print Date:

