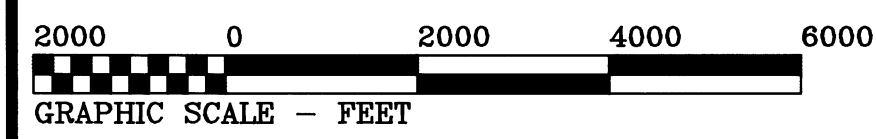


LEGEND

- ⊗ Computed Section Cor., 1/4 & 1/16 Section cor. location.
- ⊙ Computed Section Cor., 1/4 & 1/16 Section cor. location.
- ⊠ Computed Section Cor., 1/4 & 1/16 Section cor. location.
- ⊡ Computed Section Cor., 1/4 & 1/16 Section cor. location.
- ⊞ Computed Section Cor., 1/4 & 1/16 Section cor. location.
- ⊟ Computed Section Cor., 1/4 & 1/16 Section cor. location.
- ⊠ 1998 GPS PRIMARY CONTROL NETWORK STATIONS; the field observations were taken by the City of Ashland Engineering Division personnel under the supervision of Layne Caswell, P.L.S. The Post Processing was completed by Layne Caswell, P.L.S. of EAGLE GPS Survey Corporation.
- ⊡ 1998 GPS PHOTO CONTROL STATIONS; these photo points were a part of the GPS measurements taken with EAGLE GPS Survey Corporation Trimble Receivers. They were not intended to be PRIMARY CONTROL POINTS and therefore, are shown by a different symbol designation.
- ⊙ 1998 GPS SECONDARY CONTROL STATIONS; the field observations were taken by the City of Ashland Survey crew under the supervision of Everett L. Swain, P.L.S. Preliminary Post Processing was completed by Everett L. Swain, P.L.S. with the Final Post Processing being completed by Layne Caswell, P.L.S. of EAGLE GPS Survey Corporation.
- ⊙ AERIAL PHOTO CONTROL STATIONS established by EAGLE GPS Survey Corporation. EAGLE GPS Survey Corporation data sheets are titled "FLYTIES" for these Stations.
- ⊠ STATION "ASH" (HARN) as established by "Department of Commerce, NOAA-NOS-C&GS, National Geodetic Survey. Publication Date: April 26, 1991. HORIZONTAL NETWORK ORDER 'B'
- ⊙ BENCH MARK: V 548, (USC&GS) Brass Disk in a concrete railroad abutment where crossing North Main Street. Elevation 1798.182
- ⊙ BENCH MARK: O 6 (USC&GS) Brass Disk in concrete headwall of railroad overcrossing at Water Street. Elevation 1856.381
- ⊙ BENCH MARK: L 6-1874 (USGS) 3-1/2" iron pipe with Brass Cap, East side of North Mountain Ave. and Northeastly side of railroad tracks. Elevation taken at "V" of the word "SURVEY" per record. Elevation 1875.328
- ⊙ R 548 (USC&GS) Brass Disk top concrete headwall Southerly side of railroad tracks and about 100 feet, more or less, Northwestly of Walker Avenue. Elevation 1927.939
- ⊙ BENCH MARK: T 548; 4" diam. (USC&GS) Brass Disk situated at back of concrete sidewalk at the City of Ashland Airport Administration Building. Elevation 1884.110
- O/S OFFSET
- 1000 STATION NUMBER
TALENT (JCS)
1928.0 STATION NAME
1928.0 STATION ELEVATION NGVD 29 (56)
- 13 D Quarter Sheet identification for Aerial Topographic Maps

**** RECEIVED ****
 Date Feb. 25, 2000 By CJD
 This survey consists of:
 1 sheet(s) Map
 1 page(s) Narrative
 2 volume(s) Control
 JACKSON COUNTY
 SURVEYOR



Job Number: 98-001
 Job File: C:\CG4AC\DATA\ASHGPS98\GPS98IF.CRD
 Screen File: C:\CG4AC\DATA\ASHGPS98\SURVEY\ASHGPS98.DWG

REGISTERED
PROFESSIONAL
 LAND SURVEYOR
Everett L. Swain
 OREGON
 JULY 8, 1966
 EVERETT L. SWAIN
 759
 Surveyor's Registration
 Renewal Date: June 30, 2000

City of Ashland

DEPT. OF PUBLIC WORKS • ENGINEERING DIVISION

Network Control Station Numbers. Aerial Photo Control Numbers as FLYTIES and GPS Secondary Control Stations as established by the City of Ashland Survey Crew.
 Horiz. Datum: NAD 83/91; Vertical Datum: NGVD 29/1956 ADJ.; Units: INTERNATIONAL FOOT
 Projection: LAMBERT CONICAL, OREGON, SOUTH ZONE

Drawn by: *Everett L. Swain, P.L.S.* Date: 10-Dec-98 Drawing No. 1 of 1
 Checked by: _____ Date: _____
 Approved: *City Engr.* Date: _____
 Scale: AS SHOWN

Survey No. _____
16576

**SURVEY NARRATIVE TO COMPLY WITH PARAGRAPH 209.250
OREGON REVISED STATUTES**

SURVEY FOR: City of Ashland
20 East Main Street
Ashland, Oregon 97520

LOCATION: Situated in Sections 31,32,33, & 34, Twp. 38 S., Rge 1 East and Sections, 3,4,5,8,9,10,11,12,13,14,15,16,17, 20,21, 23,28 and 29, Twp. 39 S., Rge. 1 East of the Willamette Base and Meridian, Jackson County, Oregon.

PURPOSE: To establish mapping control for a new aerial photography project, enclosing the limits of the City of Ashland.

PROCEDURE: The City of Ashland surveying personnel made a preliminary layout of the control monumentation needed and wanted. **EAGLE** GPS Survey Corporation was contracted with to conduct the Global Positioning System survey of the points established and/or found which made up this control network. Ashland's survey crew provided most of the man power for the satellite observations. After the preliminary GPS control had been secured, the Aerial Photography Company, which the City had contracted with, indicated that they would like about eighteen additional photo control points. The Ashland survey crew, with their Trimble 4000 SX & SL GPS units, proceed to survey the additional eighteen photo control points. After preliminary post processing was completed by the Assistant City Surveyor, Walter L. Caswell, P.L.S. of **EAGLE** GPS Survey Corporation was hired to conduct the final post processing for the Cities eighteen observations.

Some lengthy evaluation of this entire control network has taken place over the past year or so. Our evaluation of the end product, presented to us, did not reach the requested precision of 1 part in 100,000. Due to time and economic constraints, we were not at liberty to pursue a refinement of this control network.

The results are as shown in the two Volumes presented with a Network Control Map.

**** RECEIVED ****
Date Feb. 25, 2000 By CJD
This survey Consists of:
1 sheet(s) Map
1 page(s) Narrative
2 volume(s) Control
JACKSON COUNTY
SURVEYOR

December 10, 1998
Revised February 23, 2000

City of Ashland
Everett L. Swain, PLS
Assistant City Surveyor
20 East Main Street
Ashland, Oregon 97520

ref: C98-001.mar

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Everett L. Swain
OREGON
JULY 8, 1966
EVERETT L. SWAIN
759

16576

Volumes 1 & 2

See in the back of this drawer - Blue Binders