

Introduction to the U.S Public Land Survey System

- System Design
- History of Public Domain
- Local Original Surveys
- Retracement Survey

Boundary Description

EXHIBIT "A"

The North 165.00 feet of the South 528.00 feet of Northeast quarter of the Northeast quarter of Section 16, Township 24 North, Range 5 East of the Willamette Meridian in King County Washington.

EXHIBIT "B"

That portion of Northwest quarter of the Northeast quarter of Section 26, Township 25 North, Range 5 East of the Willamette Meridian, in King County, Washington, described as follows:

Commencing at the Northwest corner of said subdivision as located and shown on the Proposed Right of Way Plans of N.E. 24th Street, dated July 2005, on file with the City of Bellevue Survey Section:

Thence along the west line thereof South 0°42'18" West 30.00 feet to the south right-of-way margin of N.E. 24th Street;

Thence along said south margin South 88°24'18" East 45.78 feet to the **Point of Beginning**;

Thence continuing South 88°24'18" East 30.45 feet;

Thence leaving said south margin South 33°12'34" East 50.00 feet;

Thence parallel with the south margin of N.E. 24th Street North 88°24'18" West 30.45 feet;

Thence North 33°12'34" West 50.00 feet to the **Point of Beginning**, and there ending, all in King County, Washington.

Containing 1,250 square feet.

EXHIBIT "C"

That portion of Lot 20, Block 2 NORTHROP HEIGHTS, according to the plat thereof recorded in Volume 55, pages 87, in King County, Washington, described as follows:

Beginning at the Southwest corner of Lot 20 as located and shown on the Proposed Right of Way Plans of N.E. 24th Street, dated July 2005, on file with the City of Bellevue Survey Section:

Thence along the west line thereof North 1°16'43" East 8.50 feet to a point being 27.50 feet northerly of, as measured at right angles to, the Construction Centerline as shown on said Proposed Right of Way Plans;

Thence leaving said west line and parallel with said Construction Centerline South 88°24'18" East 87.69 feet to a point of curvature of a 4027.50 foot radius curve to the right;

Thence concentric with said Construction Centerline and southeasterly through a central angle of 0°06'14", subtended by an arc length of 7.30 feet to the east line of Lot 20;

Thence along said east line South 1°16'43" West 8.49 feet to the Southeast corner of Lot 20;

Thence along the south line thereof North 88°24'18" West 95.01 feet to the **Point of Beginning**, and there ending, all in King County, Washington.

Public Land Survey System



Public Land Survey System

History of Public Domain

1. Colonization
2. Land Ordinance Act of 1785
 - A. Purpose: (facilitate the orderly settlement of the midwest ...)
 - a) Survey before settlement
 - b) Design to be mathematically consistent everywhere
 - c) Create standard Land unit – Section
 - i. Uniform shape
 - ii. Area (640 acres)
 - iii. Marked on the ground
3. 1803 – Louisiana Purchase
4. 1818 – Oregon Country
5. 1846 – Oregon Compromise
6. 1848 – Oregon Territory
7. 1848 – Mexican Cession
8. 1850 – DLC Act
9. 1851 – Instructions for Public Lands in Oregon
10. 1855 – Manual of Instructions (1st Edition)

Public Land Survey System

Territorial Acquisitions

The map, titled 'TERRITORIAL ACQUISITIONS' from nationalatlas.gov, shows the United States and its various acquisitions from 1783 to 1867. It includes the Louisiana Purchase, the Oregon Territory, the Mexican Cession, and the Gadsden Purchase. The map also shows the boundaries of the original thirteen states and the territories that were acquired.

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Oregon Country (Treaty of 1818)

The map, titled 'Oregon Country / Columbia District 1818-1846', shows the disputed area between the United States and British Columbia. It includes the 49th parallel, the 42nd parallel, and the 54th 40' parallel. The map also shows the locations of various forts and the boundaries of the United States, British Columbia, and Mexico.

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Oregon Territory

Public Land Survey System

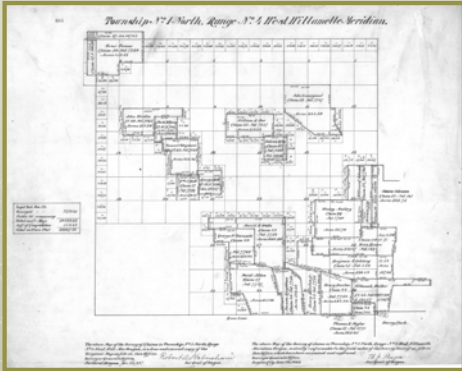
Historic Time Line

Public Land Survey System

Principal Meridians & Base Lines

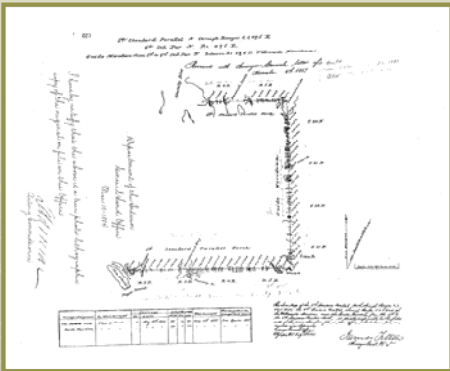
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Donation Land Claims T.1 N., R.4 W. (1855-1859)



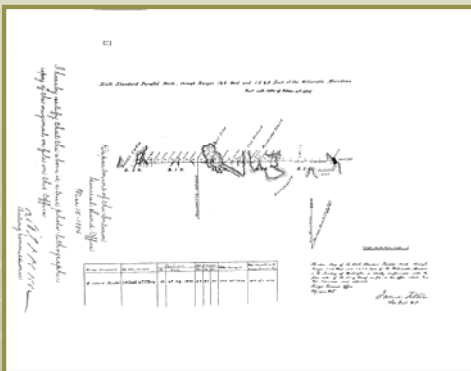
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5th Standard Parallel North (1855)



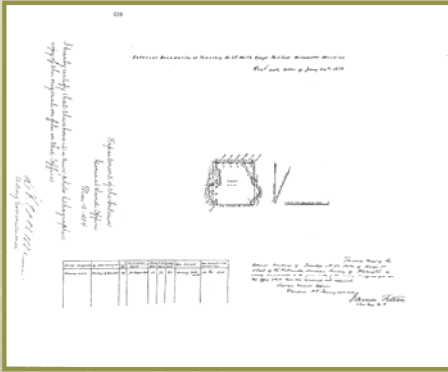
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6th Standard Parallel North (1856)



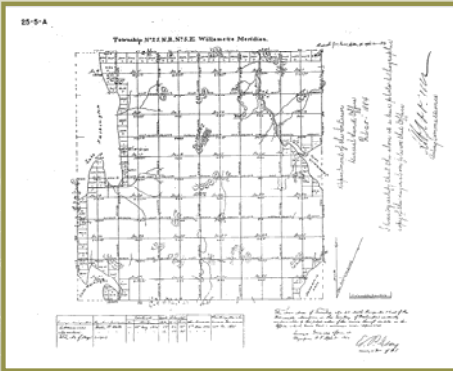
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T.25 N., R.5 E., W.M. (1856)



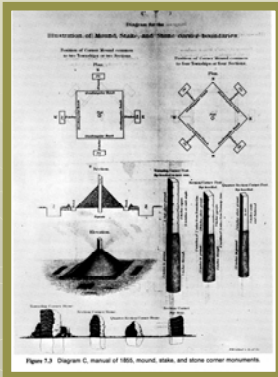
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Subdivide T.25 N., R.5 E., W.M. (1870)



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Monument Materials (1855 Manual)



Public Land Survey System

Retracement Survey

1. Review Boundary Description
2. Subdivide Section (Breakdown)
3. Dependent Resurvey

Public Land Survey System

