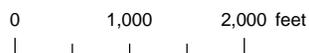


- 1866 shoreline (approximate)
- Build Alternative Site
- Area of Potential Effects

Source: ICF JSA (2009) GIS Data (Georeferenced GLO historic shoreline), WSDOT (2006) Aerial Photograph. Horizontal datum for all layers is State Plane Washington South NAD 83; vertical datum for layers is NAVD88.

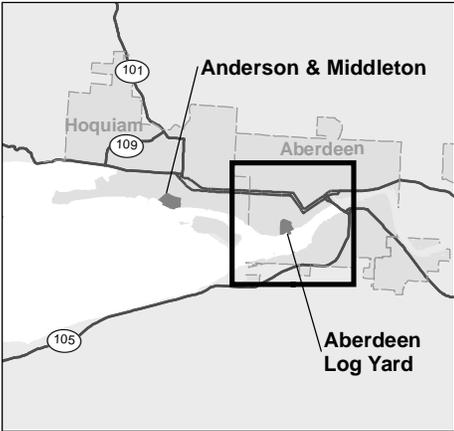
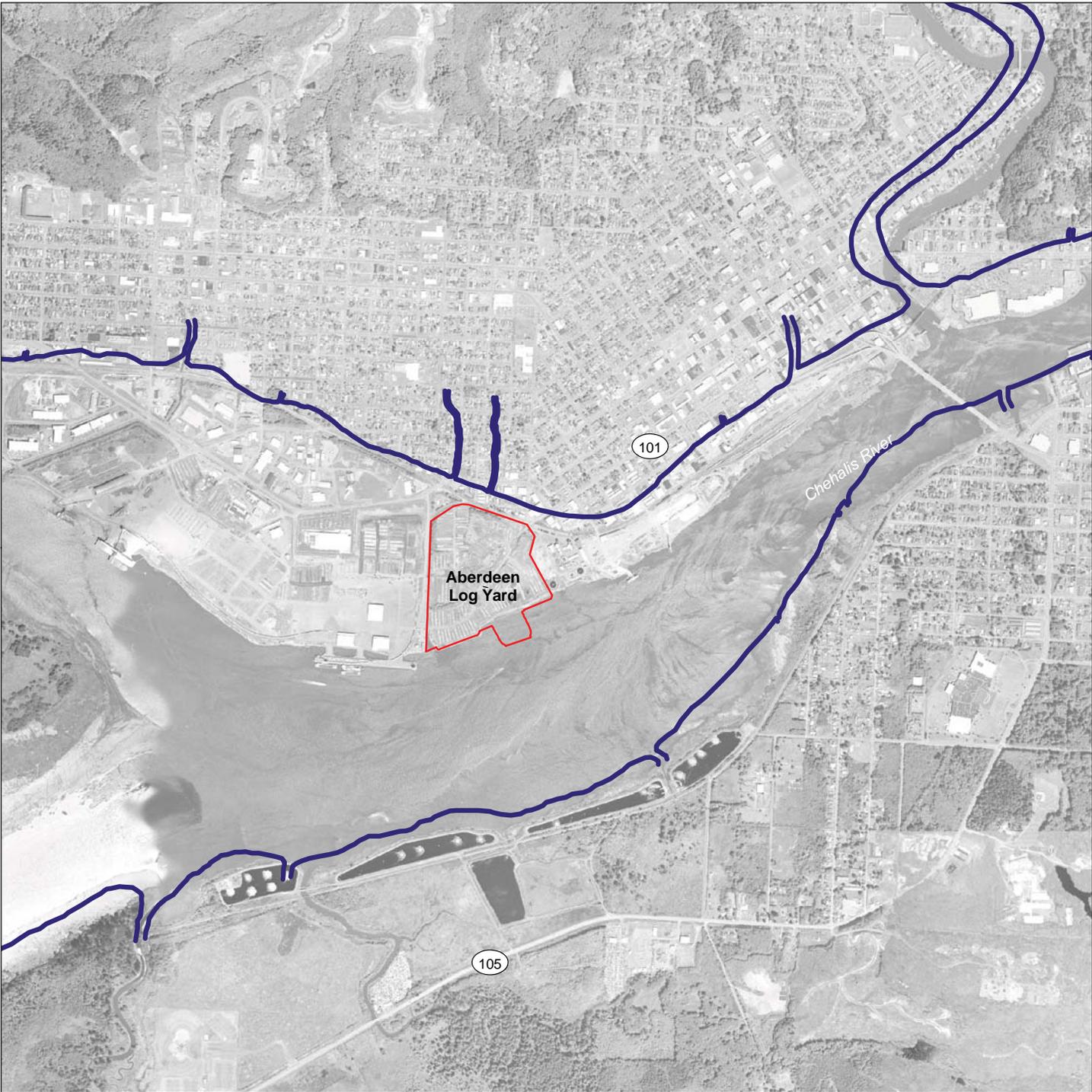
**INTERNAL USE ONLY - DRAFT**



**Exhibit 2-1. Anderson & Middleton Alternative Site Historical Shoreline**

Pontoon Construction Project



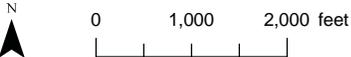


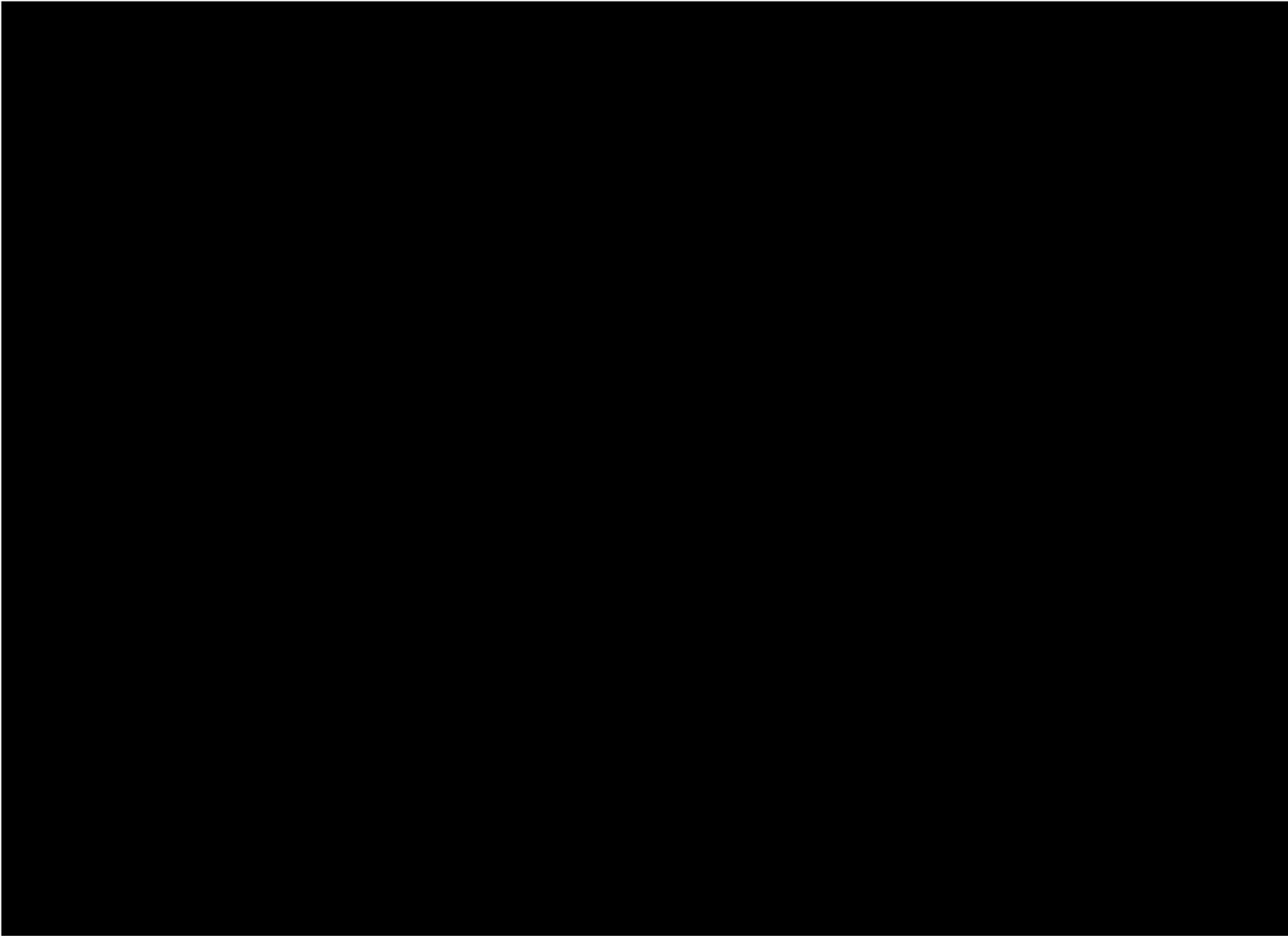
- 1882 shoreline (approximate)
- Build Alternative Site

Source: ICF JSA (2009) GIS Data (Georeferenced GLO historic shoreline), WSDOT (2006) Aerial Photograph. Horizontal datum for all layers is State Plane Washington South NAD 83; vertical datum for layers is NAVD88.

**Exhibit 2-2. Aberdeen Log Yard Alternative Site Historical Shoreline**

Pontoon Construction Project





 Archaeological site

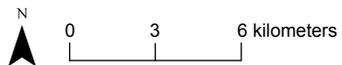


Exhibit 2-3. **Grays Harbor Area Archaeology Sites**  
Pontoon Construction Project





**Exhibit 2-4. Overview of 45GH73,  
Fish Weir Site on Newkah Creek**

Pontoon Construction Project



**Washington State  
Department of Transportation**



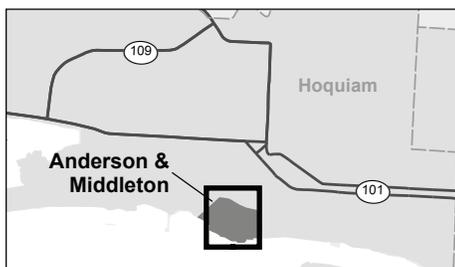
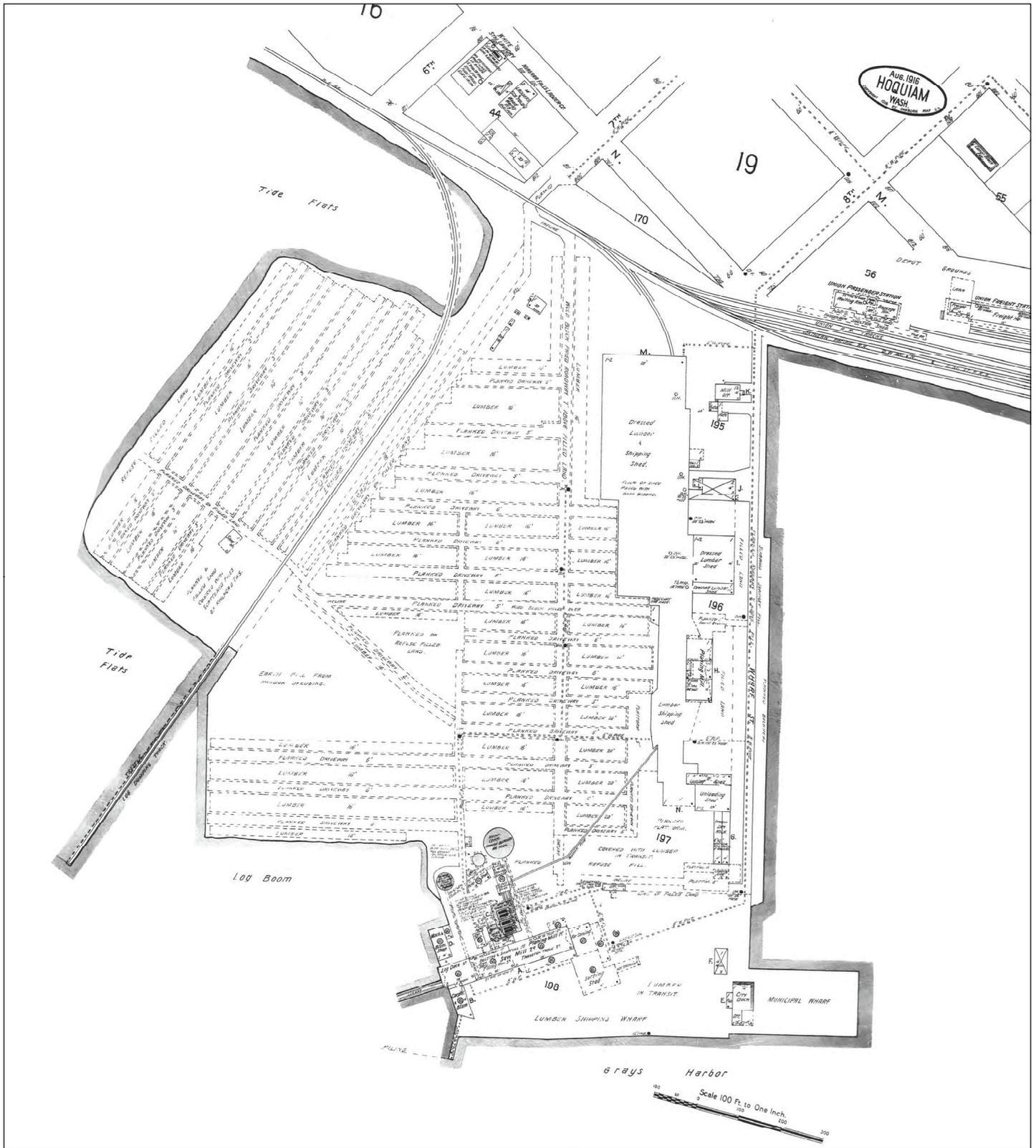


Source: Jones Photo Historical Collection (1907)

**Exhibit 2-6. Grays Harbor Lumber Company  
Dock Loaded with Lumber**

Pontoon Construction Project





Source: Sanborn Fire Insurance Company (1916) Map. Horizontal datum for all layers is State Plane Washington South NAD 83; vertical datum for layers is NAVD88.

**INTERNAL USE ONLY - DRAFT**



**Exhibit 2-7. Grays Harbor Lumber Company on 1916 Sanborn Fire Insurance Map**

Pontoon Construction Project





Source: Jones Photo Historical Collection (1949)

**Exhibit 2-8. Overview of the Grays Harbor Lumber Company Mill**

Pontoon Construction Project



**Washington State  
Department of Transportation**



Source: Jones Photo Historical Collection (1926)

**Exhibit 2-9. Anderson & Middleton Alternative  
Site Grays Harbor Lumber Company Dock  
Loaded with Lumber**

Pontoon Construction Project



**Washington State  
Department of Transportation**

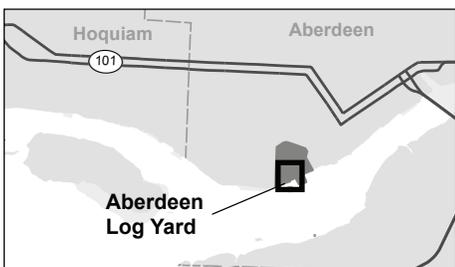
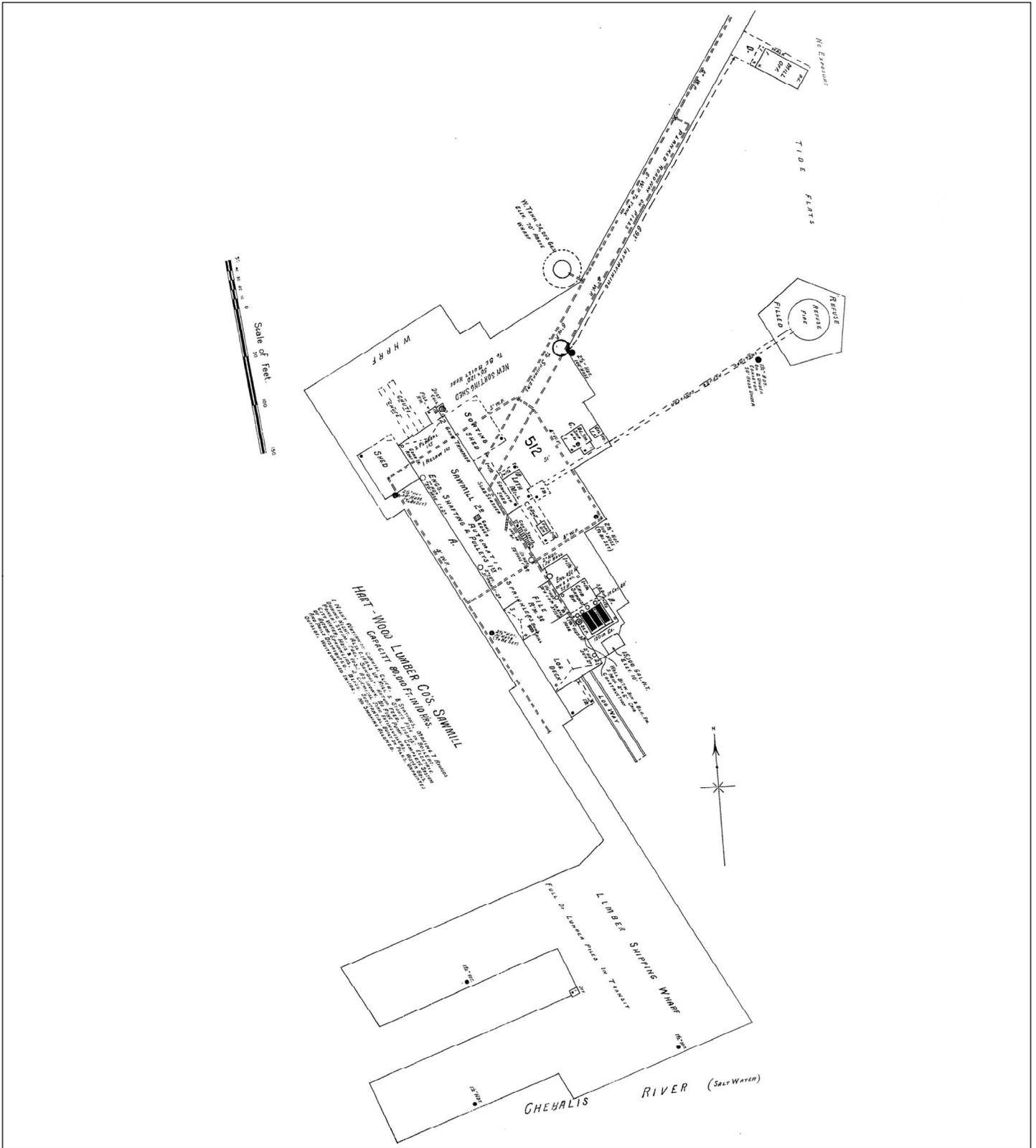


Source: Jones Photo Historical Collection (1965)

**Exhibit 2-10. Anderson & Middleton Alternative Site  
Overview of the Grays Harbor Lumber Company  
Mill in the Last Year of Operation**

Pontoon Construction Project





Source: Sanborn Fire Insurance Company (1906) Map. Horizontal datum for all layers is State Plane Washington South NAD 83; vertical datum for layers is NAVD88.



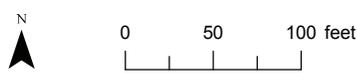
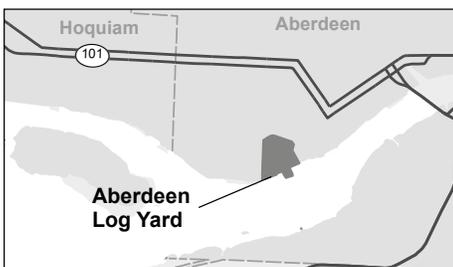
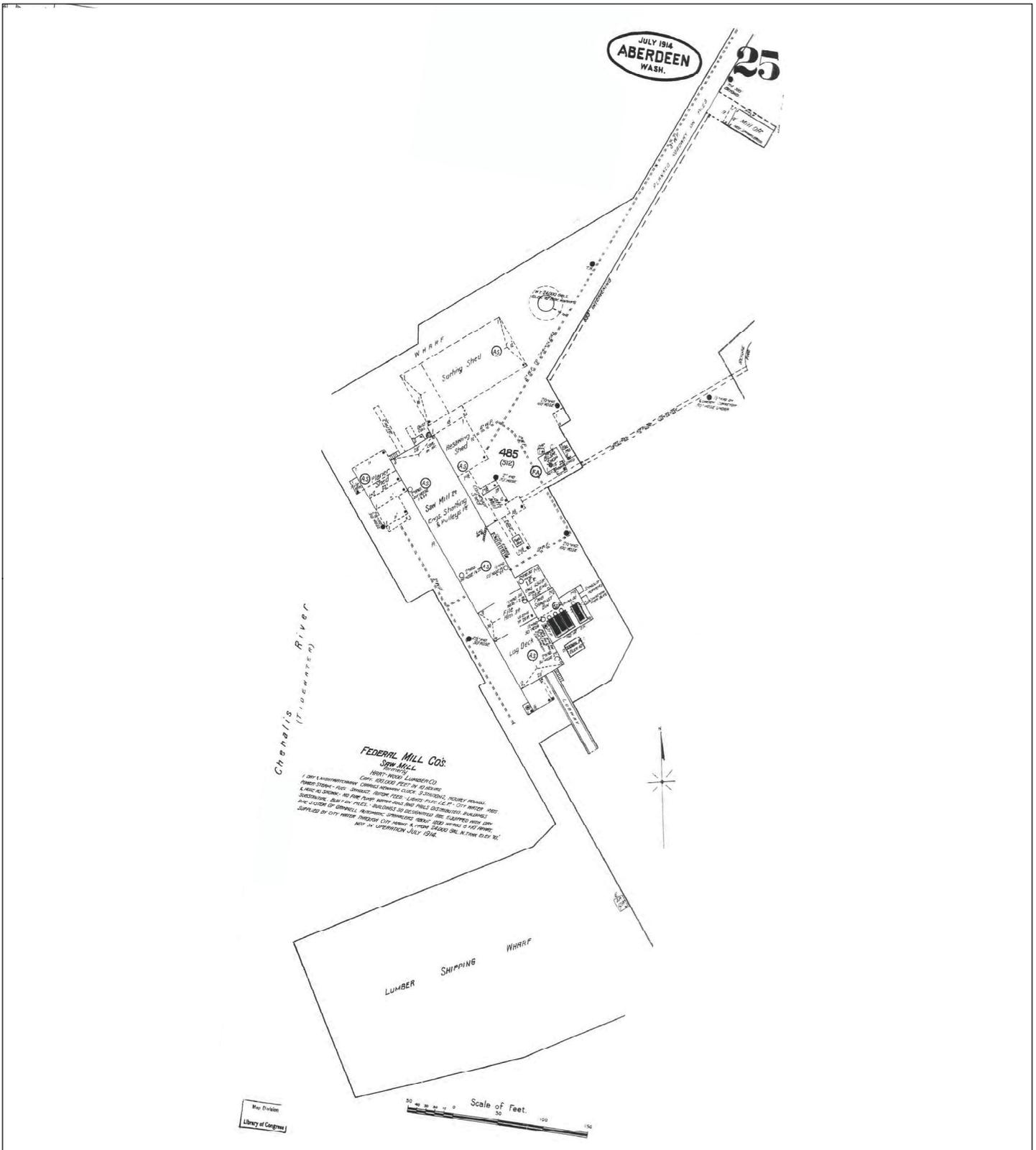
0 50 100 200 feet

**Exhibit 2-11. Hart-Wood Lumber Company Sawmill on 1906 Sanborn Fire Insurance Map**

Pontoon Construction Project



**Washington State Department of Transportation**

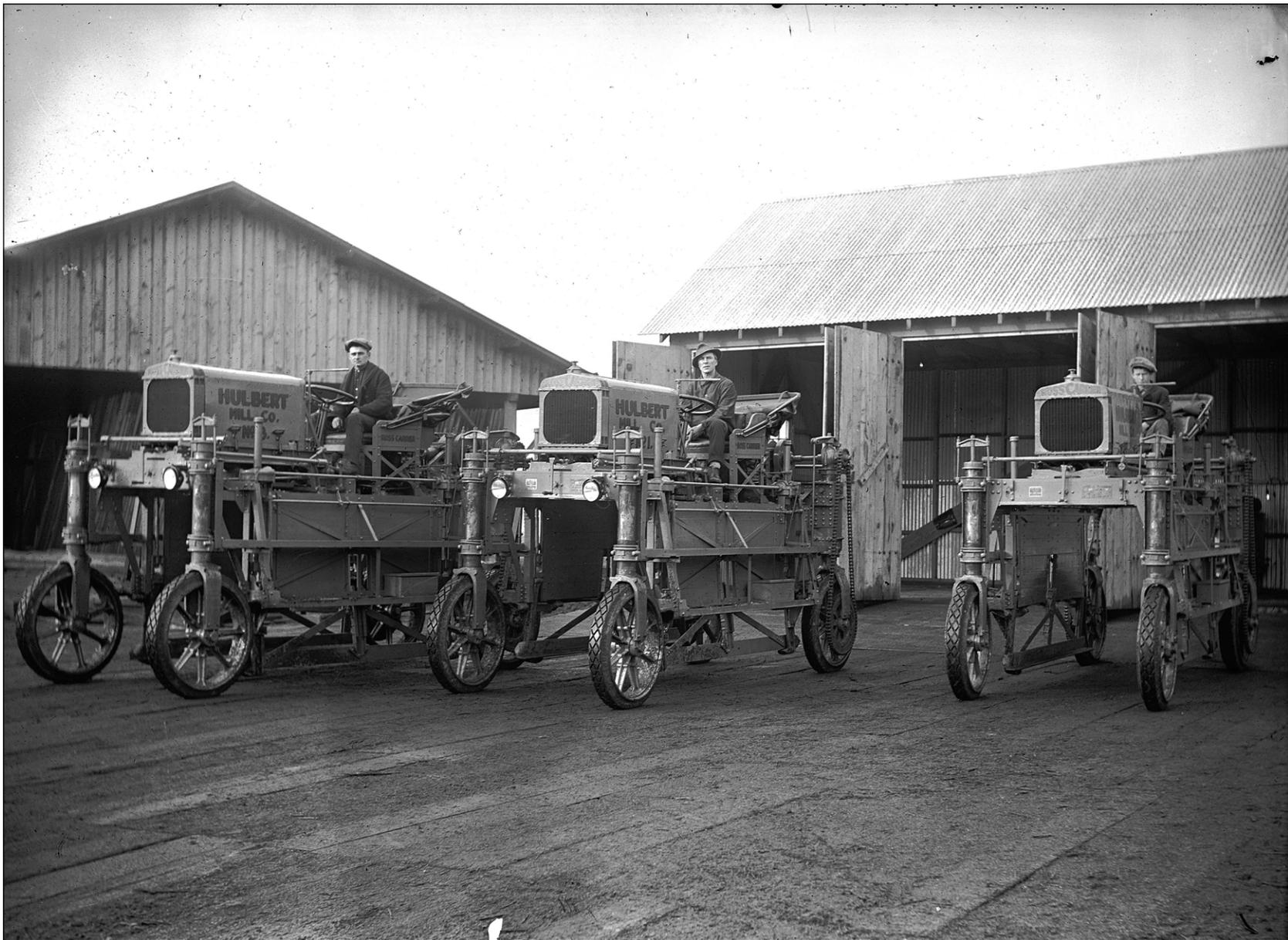


Source: Sanborn Fire Insurance Company (1914) Map.

**Exhibit 2-12. Federal Mill Company Sawmill on 1914 Sanborn Fire Insurance Map**

Pontoon Construction Project





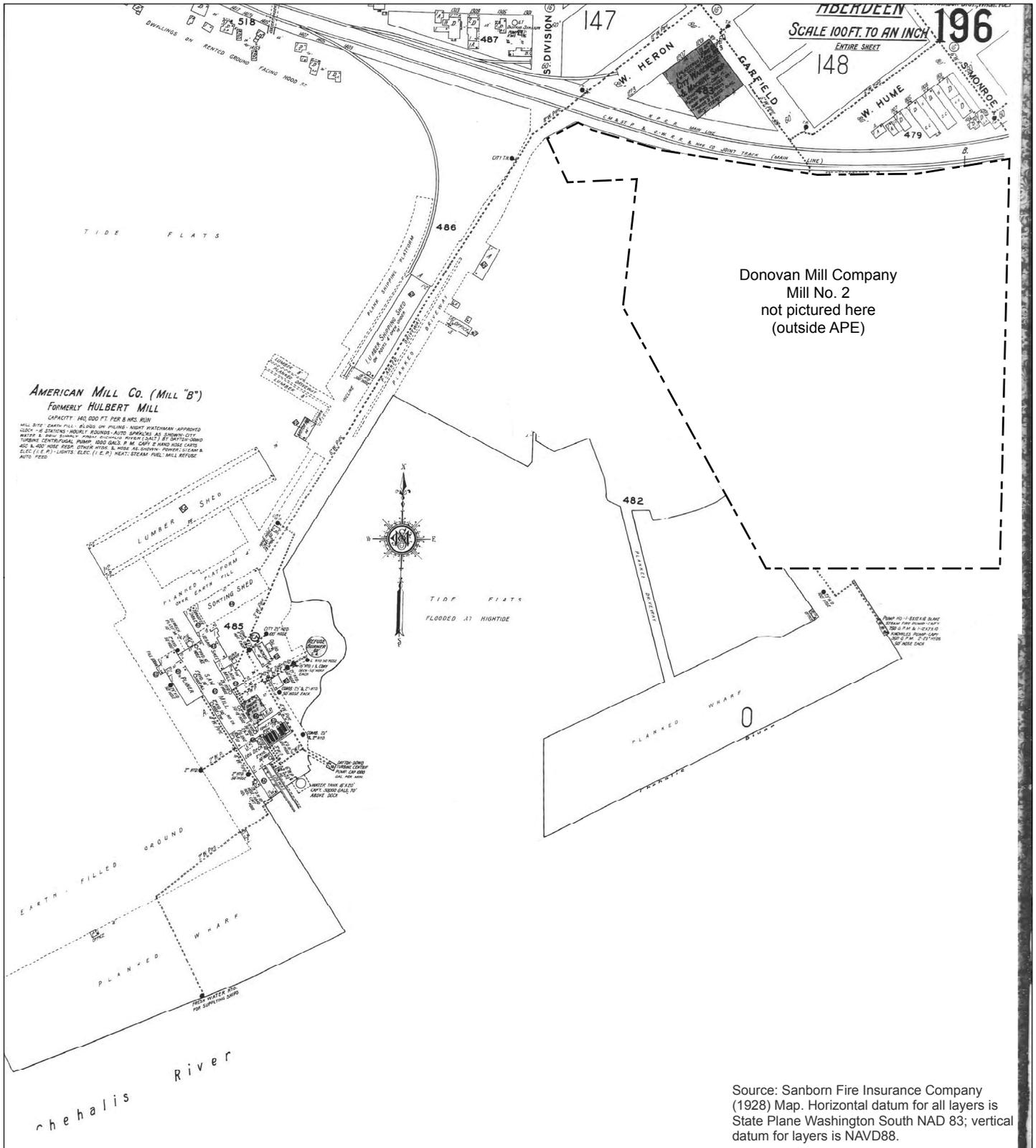
Source: Jones Photo Historical Collection (1922)

**Exhibit 2-13. Hulbert Mill Lumber  
Loaders and Drivers**

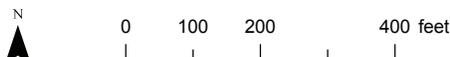
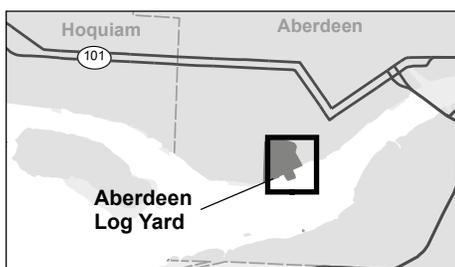
Pontoon Construction Project



**Washington State  
Department of Transportation**



Source: Sanborn Fire Insurance Company (1928) Map. Horizontal datum for all layers is State Plane Washington South NAD 83; vertical datum for layers is NAVD88.



**Exhibit 2-14. American Mill Company (Mill "B")/Hulbert Mill on 1928 Sanborn Fire Insurance Map**

Pontoon Construction Project





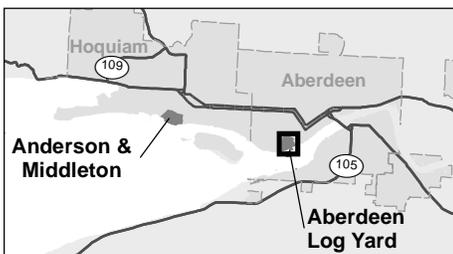
Source: Jones Photo Historical Collection (1941)

**Exhibit 2-15. Overview of the Hulbert Mill**  
Pontoon Construction Project

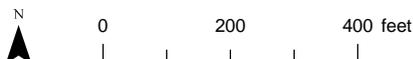




Source: WSDOT (2006) Aerial Photograph.  
 Horizontal datum for all layers is State Plane  
 Washington South NAD 83; vertical datum for  
 layers is NAVD88.



-  Sampling grid
-  Area of Potential Effects



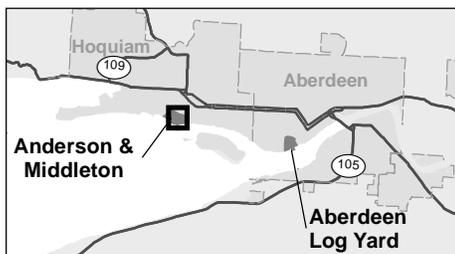
**Exhibit 3-1. Aberdeen Log Yard  
 Alternative Site Trench  
 Excavation Grid**

Pontoon Construction Project





Source: WSDOT (2006) Aerial Photograph. Horizontal datum for all layers is State Plane Washington South NAD 83; vertical datum for layers is NAVD88.



-  Sampling grid
-  Area of Potential Effects

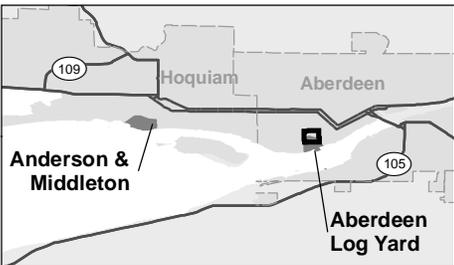
**INTERNAL USE ONLY - DRAFT**



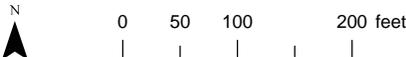
**Exhibit 3-2. Anderson & Middleton Alternative Site Trench Excavation Grid**

Pontoon Construction Project





- Geomorphological trench
- 1882 shoreline (approximate)



**Exhibit 3-3. Aberdeen Log Yard  
Alternative Site  
Geomorphological Trench  
Locations**

Pontoon Construction Project



## EXHIBIT 4-1

## Cultural Resources Surveys Previously Completed within 1 Mile of the CTC Facility Part of the Area of Potential Effects

| Site/<br>NADB No. | Author and<br>Date       | Name and/or Title                                                                                                                                                                                    | Description<br>and/or Results     | NRHP<br>Evaluation |
|-------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------|
| 1342566           | Weaver 2003              | Puyallup Riverside Channel Habitat Restoration Project, Cultural Resources Section 106 Assessment                                                                                                    | No significant cultural resources | Not significant    |
| 1343131           | Kent 2004a               | Cultural Resources Reconnaissance Survey, U.S. Army Reserve Pier 23 Project, Tacoma, Pierce County, Washington                                                                                       | No significant cultural resources | Not significant    |
| 1343948           | Kent 2004c               | Cultural Resources Reconnaissance Survey, USACE Puyallup River Flood Control Project, Tacoma, Pierce County, Washington                                                                              | No significant cultural resources | Not significant    |
| 1346288           | Parvey and Miss 2005     | Cultural Resources Assessment, Port of Tacoma Blair Waterway Infrastructure Improvement Project and Gog-le-hi-te II Mitigation Action Area                                                           | No significant cultural resources | Not significant    |
| 1347346           | Chambers 2006a           | Phase I: Cultural Resources Assessment, Port of Tacoma Lincoln Avenue Grade Separation Project, Pierce County, Washington                                                                            | No significant cultural resources | Not significant    |
| 1348031           | Chambers 2006b           | Cultural Resources Assessment, CTC New Hollow Core and Crane Project, Pierce County, Washington                                                                                                      | No significant cultural resources | Not significant    |
| 1348084           | Hudson and White 2006    | City of Tacoma Standard Operating Procedures, Cultural and Archaeological Investigations Technical Memorandum, Simpson Tacoma Kraft Company Cogeneration Building, Tacoma, Pierce County, Washington | No significant cultural resources | Not significant    |
| 1348809           | Berger and Chambers 2006 | Cultural Resources Assessment, Tacoma Grinding Plant Project, 1220 Alexander Avenue, Tacoma, Pierce County, Washington                                                                               | No significant cultural resources | Not significant    |
| 1348857           | Baldwin et al. 2007      | Archaeological Assessment, Pointe at Northshore, North Shore Golf Course and Country Club, Tacoma, Washington                                                                                        | No significant cultural resources | Not significant    |
| 1348999c          | Chambers 2006c           | Archaeological Monitoring, Lincoln Avenue Grade Separation Project, Tacoma, Washington                                                                                                               | No significant cultural resources | Not significant    |

EXHIBIT 4-1

Cultural Resources Surveys Previously Completed within 1 Mile of the CTC Facility Part of the Area of Potential Effects

| Site/<br>NADB No. | Author and<br>Date                  | Name and/or Title                                                                                                                                                                   | Description<br>and/or Results     | NRHP<br>Evaluation |
|-------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------|
| 1349348           | Parvey 2007                         | Summary of 2006 Archaeological Monitoring Activities, Blair Inner Reach Turning Basin Expansion Area and Southwest Corner Cutback                                                   | No significant cultural resources | Not significant    |
| 1349632           | Berger 2007a                        | Cultural Resources Assessment, Transfer Line Replacement Project, Tacoma, Pierce County, Washington                                                                                 | No significant cultural resources | Not significant    |
| 1350004           | Berger 2007b                        | Cultural Resources Survey, U.S. Oil & Refining Company's TK 2002 Replacement, Biofuels Blending and Storage and Asphalt Railcar Loading Projects, Tacoma, Pierce County, Washington | No significant cultural resources | Not significant    |
| 1351022           | Boersema 2008                       | Cultural Resources Assessment, Storey Surface Mine, Tacoma, Washington                                                                                                              | No significant cultural resources | Not significant    |
| N/A               | Cultural Resource Consultants 2008  | <i>Cultural Resources Assessment, Blair-Hylebos Terminal Redevelopment Project Draft EIS</i>                                                                                        | Historic resources-inventoried    | Significant        |
| N/A               | Historical Research Associates 2006 | <i>Hylebos Bridge Rehabilitation Project Historic, Cultural, and Archaeological Discipline Report</i>                                                                               | WHR-eligible bridge               | Significant        |

CTC Concrete Technology Company, Inc.  
 EIS environmental impact statement  
 NADB National Archaeological Database  
 NRHP National Register of Historic Places  
 USACE U.S. Army Corps of Engineers  
 WHR Washington Historic Register

EXHIBIT 4-2

Previously Recorded Archaeological Sites and Historic Resources within 1 Mile of the CTC Facility Part of the Area of Potential Effects

| Site/<br>NADB No. | Author and Date                | Name and/or Title                      | Description and/or<br>Results                 | NRHP<br>Evaluation                      |
|-------------------|--------------------------------|----------------------------------------|-----------------------------------------------|-----------------------------------------|
| 45PI47            | Munsell 1981                   | Wapato Creek fish weir                 | Prehistoric fish weir                         | Not evaluated in site form; significant |
| 45PI260           | Soderberg 1980                 | Puyallup water crossing                | Chicago, Milwaukee & St. Paul Railroad bridge | Listed                                  |
| 45PI650           | Brack 1985                     | Fire Station 15, 3510 East 11th Street | 1920s fire station                            | Listed                                  |
| 45PI706           | Kent 2004b                     | Commencement Bay addition site         | Historic debris scatter                       | Not evaluated                           |
| 45PI742           | Rodriques and Petershagen 2005 | MV Kalakala and Ferry Peralta          | 1930s U.S. Coast Guard vessel                 | Listed                                  |

CTC Concrete Technology Corporation, Inc.  
 NADB National Archaeological Database  
 NRHP National Register of Historic Places

EXHIBIT 4-3

Cultural Resources Surveys Previously Completed within 1 Mile of the Anderson & Middleton Alternative Part of the Area of Potential Effects

| Site/<br>NADB No. | Author and<br>Date      | Name and/or Title                                                                                                                  | Description and/or<br>Results                | NRHP<br>Evaluation   |
|-------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------|
| 1341290           | Rooke 2002a             | WA-733 (Emerson Manor)                                                                                                             | No significant cultural resources            | Not significant      |
| 1346484           | Laybolt and Demuth 2005 | Historic Properties Survey and Assessment, Simpson Avenue Bridge Final Report, Work Order XL 1640                                  | No significant cultural resources            | Not significant      |
| 1349895           | Harvey and Krafft 1987  | Historic Resources Survey and Inventory, Central Business Districts and Portions of the Cities of Aberdeen and Hoquiam, Washington | 69 historic resources inventoried in Hoquiam | Not evaluated        |
| 1348014           | Baldwin 2006            | Executive Order 05-05 Consultation, Hoquiam Power Substation DAHP Concurrence of Project Review                                    | No significant cultural resources            | Not significant      |
| n/a               | BOAS, Inc. 2007         | Cultural Resource Study Report of the Port of Grays Harbor Industrial Development District Parcel No. 1 Hoquiam,                   | 1 archaeological site                        | Recommended Eligible |

DAHP Washington State Department of Historic Preservation  
 NADB National Archaeological Database  
 NRHP National Register of Historic Places

EXHIBIT 4-4

Previously Recorded Archaeological Sites and Historic Resources within 1 Mile of the Anderson & Middleton Alternative Part of the Area of Potential Effects

| Site/<br>NADB No. | Author and<br>Date | Name and/or Title                                    | Description and/or<br>Results                          | NRHP<br>Evaluation |
|-------------------|--------------------|------------------------------------------------------|--------------------------------------------------------|--------------------|
| [REDACTED]        | [REDACTED]         | [REDACTED]                                           | [REDACTED]                                             | [REDACTED]         |
| 45GH 66           | Mathison<br>1979   | Polson House, 1611 Riverside Avenue                  | 1923, Colonial Revival (Criteria A, B, and C)          | Listed             |
| 45GH 71           | Watson 1972        | Hoquiam Castle, 515 Chenault Avenue                  | 1897 Neo-Romanesque (Criteria A, B, and C)             | Listed             |
| 45GH 87           | Vandermeer<br>1981 | Hoquiam Library and Carnegie Library, 420 7th Street | 1911 Prairie Style (Criteria A, B, and C)              | Listed             |
| 45GH 113          | Stevenson<br>1985  | McTagget House, 224 L Street                         | 1907 American Foursquare style (Criteria A, B, and C)  | Listed             |
| 45GH 114          | Austin 1987        | 7th Street Theatre, 313 7th Street                   | 1920s Renaissance Revival (Criteria A, B, and C)       | Listed             |
| 45GH 115          | Larrison 2004      | Hodgdon House, 717 Bluff                             | 1907 Craftsman (Criteria A, B, and C)                  | Listed             |
| 45GH 116          | Garfield 1990      | Lytle House, 509 Chenault                            | 1900 Queen Anne (Criteria A, B, and C)                 | Listed             |
| 45GH 119          | Kolva 1989         | Hoquiam Post Office, 620 8th Street                  | 1931 Neoclassical Revival/ Art Deco (Criteria A and C) | Listed             |
| 45GH 128          | Larrison 2005      | Hoquiam Olympic Stadium, 2811 Cherry Street          | 1938 recreation architecture (Criteria A and C)        | Listed             |
| 45GH 129          | Larrison 2007      | Masonic Temple, 510 8th Street                       | 1922 beaux arts (Criteria A and C)                     | Listed             |
| [REDACTED]        | [REDACTED]         | [REDACTED]                                           | [REDACTED]                                             | [REDACTED]         |

NADB National Archaeological Database  
 NRHP National Register of Historic Places

EXHIBIT 4-5

Cultural Resources Surveys Previously Completed within 1 Mile of the Aberdeen Log Yard Alternative Part of the Area of Potential Effects

| Site/<br>NADB No. | Author and<br>Date        | Name and/or Title                                                                                                                                            | Description<br>and/or Results                  | NRHP<br>Evaluation |
|-------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------|
| 1339579           | Goetz 1999                | Cultural Resources Assessment, Stafford Creek Corrections Center Facility, Grays Harbor County, Washington                                                   | No significant resources                       | Not significant    |
| 1349895           | Harvey and Krafft 1987    | Historic Resources Survey and Inventory, Central Business Districts and Portions of the Cities of Aberdeen and Hoquiam, Washington                           | 249 historic resources inventoried in Aberdeen | Not evaluated      |
| 1342101           | Schalk and Burtchard 2001 | Newskah Creek Fish Trap Complex                                                                                                                              | Prehistoric fish weir                          | Significant        |
| Unlisted          | Zuccotti 2008             | Cultural Resources Section 106 Review, WDFW Lands in Grays Harbor County, Washington, within Olympic Wildlife Area and the Johns River Wildlife Area Project | No significant resources                       | Not significant    |
| 1339586           | Goetz 1999                | Cultural Resources Assessment, Stafford Creek Corrections Center Fill Disposal and Wetland Mitigation Area, Grays Harbor County, Washington                  | No significant resources                       | Not significant    |
| 1339583           | Robinson 1998             | Cultural Resources Survey, WSDOT SR 12, East Aberdeen Slope Revision Project, Grays Harbor County, Washington                                                | No significant resources                       | Not significant    |

NADB National Archaeological Database  
 NRHP National Register of Historic Places  
 SR State Route  
 WDFW Washington Department of Fish and Wildlife  
 WSDOT Washington State Department of Transportation

EXHIBIT 4-6

Previously Recorded Historic Resources within the Aberdeen Log Yard Alternative Part of the Area of Potential Effects

| Site/<br>NADB No. | Street Address                                         | Parcel No.   | Build Date | NRHP<br>Evaluation |
|-------------------|--------------------------------------------------------|--------------|------------|--------------------|
| 16498             | 311-315 South H Street                                 | 010104601100 | 1915       | Not evaluated      |
| 16732             | 905 West Heron Street                                  | 029407700200 | 1904       | Not evaluated      |
| 16733             | 1009 West Heron Street                                 | 029407600300 | 1917       | Not evaluated      |
| 16734             | 1016 West Heron Street                                 | 029407100900 | 1912       | Not evaluated      |
| 16737             | 1207 West Heron Street (now<br>1101 West Heron Street) | 029407400000 | circa 1928 | Not evaluated      |
| 16736             | 1110 West Heron Street                                 | 029407201000 | 1915       | Not evaluated      |
| 16741             | 1408 Hood Street                                       | 014201501100 | 1903       | Not evaluated      |
| 16907             | 213-215 South Monroe Street                            | 029407201200 | 1927       | Not evaluated      |
| 16908             | 217-219 South Monroe Street                            | 029407201200 | 1927       | Not evaluated      |
| 16909             | 221-223 South Monroe Street                            | 029407201200 | 1927       | Not evaluated      |
| 17079             | 118 South Washington Street                            | 011000301303 | 1924       | Not evaluated      |
| 17080             | 201 South Washington Street                            | 029407000101 | 1909       | Not evaluated      |
| 17122             | 911 West Wishkah Street                                | 029407000300 | 1920       | Not evaluated      |
| 17124             | 1000 West Wishkah Street                               | 011000502300 | 1907       | Not evaluated      |
| 17125             | 1003 West Wishkah Street                               | 029407100100 | 1910       | Not evaluated      |
| 17126             | 1019 West Wishkah Street                               | 029407100500 | 1907       | Not evaluated      |

Source: Harvey and Krafft 1987

NADB National Archaeological Database

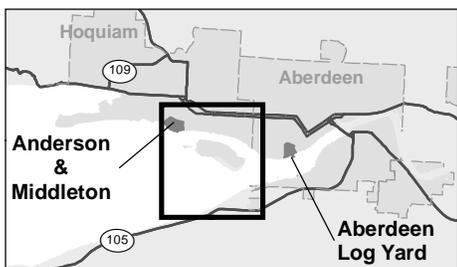
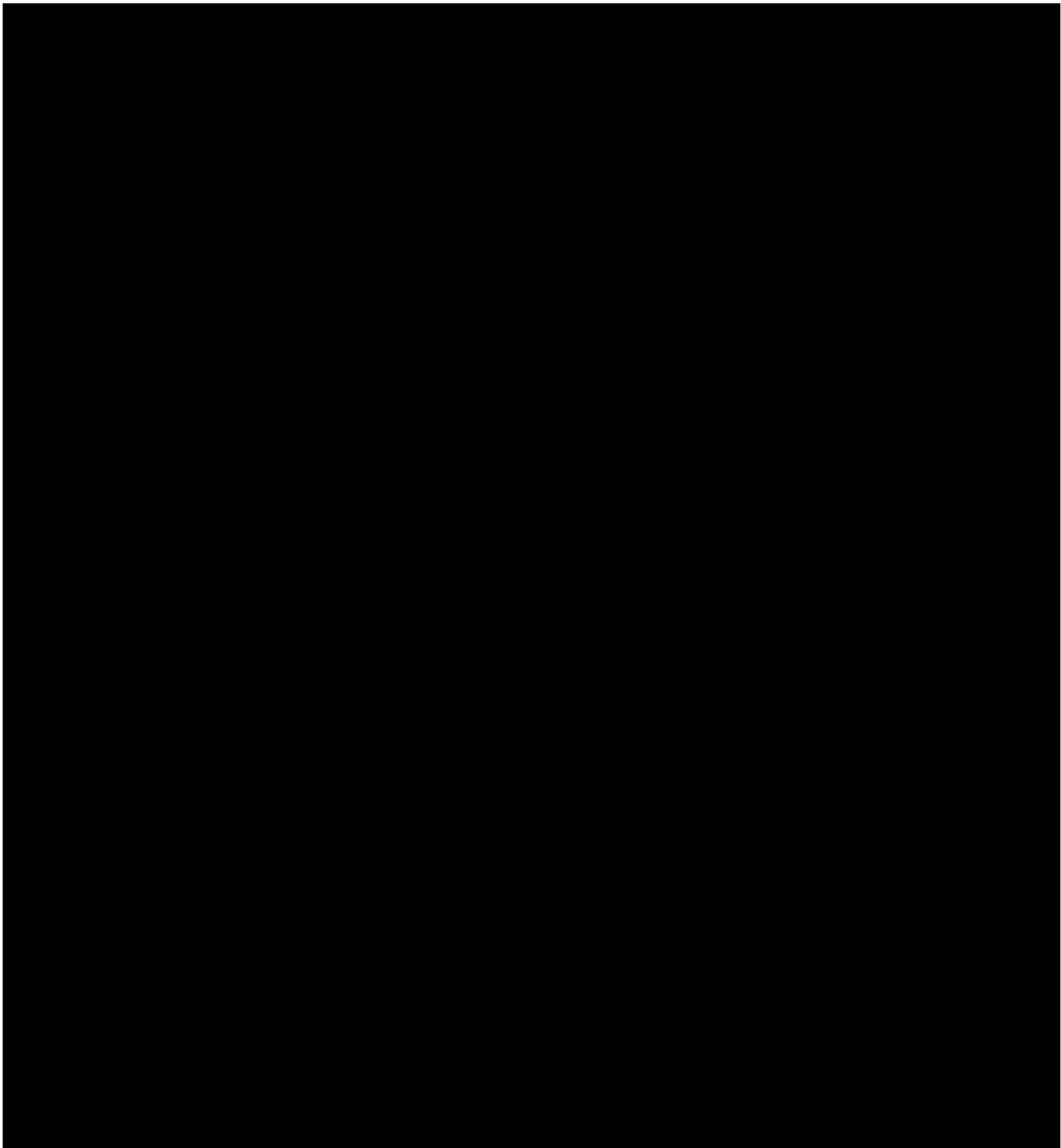
NRHP National Register of Historic Places

EXHIBIT 4-7

Previously Recorded Archaeological Sites and Historic Resources within 1 Mile of the Aberdeen Log Yard Alternative Part of the Area of Potential Effects

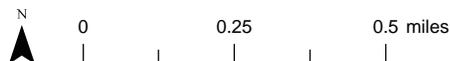
| Site/<br>NADB No. | Author and Date          | Name and/or Title                                                                     | Description and/or<br>Results                    | NRHP<br>Evaluation |
|-------------------|--------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------|--------------------|
| 45GH 67           | White 1972               | Union Pacific Railroad Depot,<br>River Street between K and L<br>streets (demolished) | 1912 (Criteria A and C)                          | Listed             |
| 45GH 72           | Youmans 1973             | Weir Theatre, 204 East Heron<br>Street (demolished)                                   | 1903 theatre (Criteria A,<br>B, and C)           | Not<br>evaluated   |
| [REDACTED]        | [REDACTED]               | [REDACTED]                                                                            | [REDACTED]                                       | [REDACTED]         |
| 45GH 82           | Mathison and Lee<br>1983 | Finch Building, Heron and H<br>streets (demolished)                                   | 1909 commercial<br>(Criteria A, B, and C)        | Listed             |
| 45GH 122          | George 2001              | Chehalis Bridge, SR 101 over<br>Chehalis River                                        | 1953 to 1955 bascule<br>span (Criteria A, and C) | Listed             |

NADB National Archaeological Database  
 NRHP National Register of Historic Places  
 SR State Route



 Archaeological site boundary

**INTERNAL USE ONLY - DRAFT**



**Exhibit 5-1. AM-1 Relative to the  
Newskah Site (45GH73)**

Pontoon Construction Project

