

State of Alaska  
Department of Natural Resources  
Division of Forestry  
*Southeast Office*



Draft Forest Land Use Plan

North Hollis

SSE 1346-K

May, 2017

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## I. Introduction

Project File Number: SSE-1346-K

Division of Forestry Office: Southeast

Area Forester: Greg Staunton

Forest Practices Geographic Region (AS 41.17.950): Region I

This Forest Land Use Plan (FLUP) covers proposed forest operations on approximately 230 acres of land from state lands on Prince of Wales (POW) Island, approximately 1 mile northeast of the Community of Hollis. It is intended to provide the best available information regarding the proposed harvest of timber, and management of other non-timber uses in compliance with AS 38.05.112 and AS 41.17.060, and must be adopted by the DNR before the proposed activity can occur.

[ X ] This Draft Forest Land Use Plan is for timber sale(s) which have been determined to be in the best interest of the state pursuant to AS 38.05.035 (e) and 38.05.945. This FLUP does not determine whether or not to access and sell timber within the timber sale area, nor the method of sale. Those decisions have been made previously in the August 31, 2016 Best Interest Finding and are not appealable under this FLUP.

The Final Best Interest Finding (BIF) and decision for the North Hollis Timber Sale may be found at <https://aws.state.ak.us/OnlinePublicNotices/Notices/View.aspx?id=184912>.

[ ] This Draft Forest Land Use Plan is for timber sale(s) for which a Preliminary Best Interest Finding is currently out for review. A final best interest finding must be completed prior to adoptions of a final FLUP pursuant to AS 38.05.035 (e) and 38.05.945;

[ ] This Draft Forest Land Use Plan is for timber to be harvested that does not require a final finding pursuant to 38.05.035 (e) and notification under 38.05.945.

A draft of this plan was distributed to the Department of Fish & Game (ADF&G) and the Department of Environmental Conservation (DEC) for their review and comments relevant to the consistency of this proposed project with the statutes governing forest land use plans (AS 38.05.112) and the requirements of the Alaska Forest Resources & Practices Act (AS 41.17) and its Regulations (11 AAC 95).

The public and agencies are invited to comment on specific requirements for harvest, access, and reforestation operations in this draft FLUP. The decision on whether or not to offer timber for sale is made through the best interest finding process, and is not subject to review under the FLUP. Objections or comments pertaining to the draft FLUP must be received in writing to the DOF Southeast Area Forester's Office by **June 26, 2017** in order to ensure consideration for review. Comments should be mailed to the State of Alaska, Division of Forestry, 2417 Tongass Avenue, Suite 213, Ketchikan, AK 99901 or by email to [greg.staunton@alaska.gov](mailto:greg.staunton@alaska.gov). For more information, you may contact Greg Staunton, Southeast Area Forester, 907-225-3070. To be eligible to appeal the final decision, a person must have provided written comment by **June 26, 2017**.

[ X ] Other Documents are referenced in this FLUP. This timber sale is designed to be consistent with the management intent of the following documents:

The administrative record for this sale is maintained at the Division of Forestry Southeast Office filed as SSE-1346-K.

***A. Legal description:***

The timber sale area is found within Sections 25, 26 and 35 of Township 73 South, Range 84 East, Copper River Meridian. (see attached maps titled Appendix A SSE-1346-K North Hollis Timber Sale Maps)

***B. Operational Period:***

Summer 2017 through Fall 2022

***C. Timber Disposal***

- ☒ Timber will be sold and will have a contract administrated by the State  
☐ Timber will be available to the public; permits obtained by the public will be issued by the State.  
☐ Other

***D. Objectives and Summary***

1. To follow the Division of Natural Resources' (DNR or Division) constitutional mandate to encourage the development of the State's renewable resources, making them available for maximum use consistent with the public interest,
2. To help the State's economy by providing royalties to the State in the form of Stumpage receipts, an infusion to the State's economy through wages, purchases, jobs, and business and
3. To help the local economy of the communities within southern Southeast Alaska by creating additional jobs in Southeast Alaska due to the combination of road building, logging, trucking and potentially milling.

## II. Affected Land Owners/Jurisdictions

Activity on ownership:	Access Easement	Harvest	Written Representative Approval
<b>A. State</b>			
<input type="checkbox"/> Southeast State Forest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Other state land managed by DNR (GU)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> University of Alaska	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Mental Health Trust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> School Trust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B. Other Land Ownership</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Land Owner: \_\_\_\_\_

Land Owner Representative: \_\_\_\_\_

## III. Harvest Methods, Silvicultural Actions, and Management of Non-timber Resources

Forest operations will be designed to:

- Protect fish habitat and water quality in compliance with the best management practices in 11 AAC 95.260-.370,
- Manage for the other land uses and activities identified in AS 41.17.060 and the Best Interest Finding for this timber sale, and
- Ensure prompt reforestation and maintenance of site productivity in compliance with AS 41.17.060(c) and 11 AAC 95 .375-.390.

Harvest and Silvicultural Methods:

☒ The silvicultural actions are described in this document, and no prescription was written or is necessary

☐ A silvicultural prescription has been written and is attached to this document in Appendix B

### A. Timber Stand Description and History

Harvest units are comprised of mature old growth timber composed of western hemlock, Sitka spruce, western red cedar and Alaska yellow cedar. Approximately 50-year-old second growth timber exists to the west side of the harvest area. Approximately 30-40-year-old patches of second growth border the southern and portions of west side. The coastal area occupied by the State subdivision was selectively logged in the early 1940's and generally has old growth characteristics.

## ***B. Timber Harvest Activities***

Timber Harvest Activities are displayed in Table 1.

**Table 1. Timber Harvest Activities**

Unit ID	Acres	Topography	Silvicultural Action	Logging Method
Unit 1	230	Irregular Complex Slopes	Clearcut	Cable and Ground Based

Note: The DOF estimates that most the unit will be high lead cable logged. Areas within 100 feet of the road offer terrain that may be appropriate for shovel logging techniques. Areas of shovel logging beyond that will be reviewed by DOF as requested by the operator on a case by case basis. Emphasis will be placed retaining bank integrity of streams and the hillside soils.

## ***C. Site Preparation***

[X] Site preparation will not be necessary. There is either sufficient residual stocking, or because there will be sufficient soil disturbance by logging to forego scarification.

[ ] Site preparation will be implemented and described in Table 2:

**Table 2. Site Preparation**

Unit	Acres	Site Preparation Method	Date of Completion

## ***D. Reforestation:***

[X] Clearcut

[ ] Partial Harvest:

[ ] Region I: leaving more than 50% live basal area (11 AAC 95(b)(3))

[ ] Region II/III: Relying on residual trees to result in a stocking level that meets standards of 11 AAC 95.375 (b 4). Stocking levels will be calculated subject to the methods below:

**Table 3. Stocking Level Requirements**

Average DBH (Diameter at breast height)	Residual Trees (Trees/ acre)	Minimum Stocking Standard (Trees/ acre)	Percent Stocking
≥ 9"		120	%
6" to 8"		170	%
1" to 5"		200	%
Total Residual Stocking			%

Seedlings Required:

Percentage Under stocked = 100 – Total Residual Stocking %

Percentage Under stocked = 100 – \_\_\_\_\_% = \_\_\_\_\_%

Seedlings/ Acre Required = Percentage Understocked/100 x 450  
 Seedlings/ Acre Required = \_\_\_\_\_ % /100 x 450 = \_\_\_\_\_

☒ Natural regeneration

List species: western hemlock, Sitka spruce, western red cedar, Alaska yellow cedar

☐ Coppice

List species:
---------------

☐ Artificial regeneration

☐ Seeding-source of seed (general vicinity location of seed source)

\_\_\_\_\_

☐ Planting: Date of proposed planting: \_\_\_\_\_

Source of seedlings (location of seed source): \_\_\_\_

### ***E. Slash Abatement***

- ☐ Potential for insect infestations caused by slash accumulations exists. Slash abatement for controlling infestations will be implemented as required by 11AAC 95.370.
- ☐ Lop and scatter slash; accumulations will be kept to less than 2 feet in height.
- ☒ Slash will be disposed of by the operator ☐ Slash will be disposed of by the State
- ☐ Other - method of slash disposal: ☐ removal off site ☐ crushing or grinding ☐ burning
- ☐ Burn permits necessary from DOF and DEC to be acquired.
- ☐ The operator will contact the Division of Forestry local area office prior to ignition of debris.

### ***F. Timber Harvest—Surface Water Protection:***

- ☐ There are no streams or lakes abutting or within a harvest unit.
- ☒ Known surface waters and protection measures are described in Table 4 below.  
*Locations are included in the operational map in the Appendices*

**Table 4. Protection for Known Surface Waters**

Unit	Waterbody Name	AS 41.17.950 Classification	ADF&G AWC #	Required Riparian Protection	Site-specific actions to minimize impacts on riparian area
Unit 1	All	Non-classified surface waters	none	none	Implement AFRPA and Reg.



Surface waters listed above were reviewed by the Department of Fish and Game:

- ☒ During the timber sale planning process
- ☒ During the agency review conducted for the Best Interest Finding for this sale
- ☒ During the drafting of this Forest Land Use Plan
- ☐ Stream Crossings (Title 16) Permits are needed per ADF&G Division of Habitat

Surface waters listed above were reviewed by the Department of Environmental Conservation:

- ☒ During the timber sale planning process
- ☒ During the agency review conducted for the Best Interest Finding for this sale
- ☒ During the drafting of this Forest Land Use Plan

Non-classified surface waters are subject to applicable Best Management Practices in 11 AAC 95.

### ***G. Wildlife Habitat:***

- ☒ Wildlife species and allowances for their important habitats were addressed in writing by the Department of Fish & Game during the Best Interest Finding review.
- ☐ Wildlife species and allowances for their important habitats were addressed in writing by the Department of Fish & Game during the drafting of this Forest Land Use Plan.

Silvicultural practices to be applied to minimize impacts to wildlife habitat or wildlife management:

- ☒ Timber retention - concentrations of timber surrounding harvest units, or interspersed within harvest units to provide cover.
- ☐ Snag Retention- snags or isolated trees left for cavity nesting species.
- ☒ Large Woody Debris – concentrations of downed timber or logging debris interspersed within harvest units to provide cover left on site.
- ☐ Other actions

### ***H. Cultural and Historical Resource Protection:***

- ☒ This project was reviewed by the State Historic and Preservation Office (SHPO).
- ☒ No artifacts have been reported within the project area(s).
- ☐ Known or likely sites have been identified and a mitigation plan is in place. (Describe the mitigation actions.)

### ***I. Other Resources Affected by Timber Harvest and Management***

- ☒ There are other resources and areas of concern besides surface water, fish habitat, and wildlife habitat that may be affected. Mitigations actions were addressed in the Best Interest Finding.

**Table 5. Other Affected Resources/ Areas of Concern.**

Impacted Resource	Reviewing Agency	Impact/ Mitigation Actions
Visual	DOF/ DMLW	Change in vegetation, no mitigation planned.
Public Safety	DOF	Subdivision Traffic/ Timber Sale Contract (see note)
Noise	DOF	Operating Noise/ Timber Sale Contract

Notes:

1. Public Safety. Several commenters to the BIF noted the potential safety issue of pedestrian traffic in the subdivision and the added truck traffic. It was brought to the DOF's attention that school age children also board the bus at the intersection of Aurora Drive and the Klawock Hollis Highway. The DOF also observed that added traffic on the highway occurs associated with the ferry arrival and departure. Hours of operation will be enforced through the timber sale contract and the purchaser's operating plan to avoid and minimize the use of Aurora Drive when children are present for bus pickup or the ferry is scheduled to arrive or leave. Signs will be placed to advise traffic. The DOF in 2016 widened Aurora Road to assist with mitigating a variety of traffic issues with the previous road's configuration. The added truck traffic also has the potential to increase dust in the subdivision area if conditions are dry; watering of the road surface to keep dust down will be part of the timber sale operating plan.
2. Noise. Several commenters to the BIF noted that the "Jake" engine brakes associated with large log trucks would add objectionable noise to the neighborhood. The control of the truck speed in the timber sale area has a direct bearing on the need for engine braking. Speed through the subdivision will be managed to minimize the use of the engine brakes. The DOF will also work with the purchaser to the extent that it is feasible to safely brake trucks coming off the timber sale using methods that will lower the noise associated with the engine brakes. Some of this noise will be mitigated by managing the hours of operation for the public safety reasons.

[ ] There are no affected resources or areas of concern other than surface water, fish habitat, and wildlife habitat, which are addressed in this Forest Land Use Plan.

## IV. Roads and Crossing Structures

### A. Road Design, Construction, and Maintenance:

Roads will be designed, constructed, and maintained to prevent significant adverse impacts on water quality and fish habitat (AS 41.17.060(b) (5)), and site productivity (AS 41.17.060(c) (5)). Roads will comply with the best management practices in the Forest Resources and Practices Regulations (11 AAC 95.285 – 95.335)

Roads or other means required for the access and removal of this timber from the harvest area(s) or unit(s) are listed in Table 6.

**Table 6. Road Construction and Use**

Road ID	Harvest Unit	Stations	Road Type	Maximum Grade	Constructed by:	Maintained by:
Road A Reconstruction	NA	20+57	Spur	18%	Purchaser	Purchaser
Spur B	Unit 1	28+00	Spur	15%	Purchaser	Purchaser
Spur C	Unit 1	104+33	Spur	15%	Purchaser	Purchaser

*\*Note: Roads must be less than 20% grade per 8 AAC 61.1060 Additional Logging Standards*

### B. Side Slopes / Mass Wasting:

For slopes over 50%, identify indicators of unstable areas (landslide scars, jack-strawed trees, gullied or dissected slopes, high density of streams or zero-order basins, or evidence of soil creep). Attach location specific road design that potentially mitigates identified areas of unstable soils.

Maximum percent side slopes: 45%

☐ There are no slopes >45%.

☐ There are no indicators of unstable areas where roads will be constructed.

☒ Indicators of unstable areas were identified and will be mitigated by actions indicated below:

☒ Full benching will be constructed to help ensure slope stability.

☐ Full benching is not required for roads in this project.

☒ End hauling will be implemented to help ensure slope stability.

☐ End hauling is not necessary for roads in this project.

Location(s): Spur A, Stations 93+50 to 100+00.

General Erosion Control:

☒ grass seeding    ☐ erosion control mats    ☐ wattle    ☒ Other: Waterbars

☐ not applicable

### ***C. Crossing Structures:***

[ ] No crossing structures are needed within the project area.

[X] No existing drainage structures will be replaced.

[X] Crossing structures will be placed along access roads as described in the table below:

**Table 7. Required Drainage and Crossing Structures on Known Surface Waters**

Road	Mile / Station	Diameter Culvert	Bridge Type: -Log Stringer -Fabricated -Ice	AS 41.17.950 Stream Classification	Fish & Game AWC Number	Duration of crossing structure in place
Road A	3+09	18" CPP		Non-classified surface waters	None	Road life
Road A	4+50	18" CPP		Non-classified surface waters	None	Road life
Road A	8+89	18" CPP		Non-classified surface waters	None	Road life
Road A	12+26	18" CPP		Non-classified surface waters	None	Road life
Road A	15+20	24" CPP		Non-classified surface waters	None	Road life
Road A	20+57	18" CPP		Non-classified surface waters	None	Road life
Spur B	8+39	24" CPP		Non-classified surface waters	None	Road life
Spur B	9+55	18" CPP		Non-classified surface waters	None	Road life
Spur B	14+87	18" CPP		Non-classified surface waters	None	Road life
Spur B	16+00	18" CPP		Non-classified surface waters	None	Road life
Spur B	16+94	18" CPP		Non-classified surface waters	None	Road life
Spur B	19+89	18" CPP		Non-classified surface waters	None	Road life
Spur B	25+51	18" CPP		Non-classified surface waters	None	Road life
Spur B	27+60		20' Log Culvert	Non-classified surface waters	None	Road life
Spur C	6+10	36" CPP		Non-classified surface waters	None	Road life
Spur C	7+23	48" CPP		Non-classified surface waters	None	Road life
Spur C	12+16	36" CPP		Non-classified surface waters	None	Road life
Spur C	19+27	36" CPP		Non-classified surface waters	None	Road life
Spur C	21+15	18" CPP		Non-classified surface waters	None	Road life
Spur C	21+89	18" CPP		Non-classified surface waters	None	Road life
Spur C	22+41	Ditch Ahead		Non-classified surface waters	None	Road life
Spur C	22+72	24" CPP		Non-classified surface waters	None	Road life
Spur C	24+68	24" CPP		Non-classified surface waters	None	Road life

Spur C	30+35	24" CPP		Non-classified surface waters	None	Road life
Spur C	32+19	24" CPP		Non-classified surface waters	None	Road life
Spur C	37+16		20' Log Culvert	Non-classified surface waters	None	Road life
Spur C	38+16	48" CPP		Non-classified surface waters	None	Road life
Spur C	38+57	18" CPP		Non-classified surface waters	None	Road life
Spur C	39+52	Ditch Ahead		Non-classified surface waters	None	Road life
Spur C	39+74	18" CPP		Non-classified surface waters	None	Road Life
Spur C	44+52	48" CPP		Non-classified surface waters	None	Road Life
Spur C	46+73	24" CPP		Non-classified surface waters	None	Road Life
Spur C	48+14	36" CPP		Non-classified surface waters	None	Road Life
Spur C	51+00	36" CPP		Non-classified surface waters	None	Road Life
Spur C	52+73		50' Bridge	Non-classified surface waters	None	Road Life
Spur C	55+48	18" CPP		Non-classified surface waters	None	Road Life
Spur C	61+84	24" CPP		Non-classified surface waters	None	Road Life
Spur C	66+52	24" CPP		Non-classified surface waters	None	Road Life
Spur C	67+25	24" CPP		Non-classified surface waters	None	Road Life
Spur C	77+23	24" CPP		Non-classified surface waters	None	Road Life
Spur C	74+10	24" CPP		Non-classified surface waters	None	Road Life
Spur C	79+18	18" CPP		Non-classified surface waters	None	Road Life
Spur C	84+82	18" CPP		Non-classified surface waters	None	Road Life
Spur C	88+29	18" CPP		Non-classified surface waters	None	Road Life
Spur C	88+50	24" CPP		Non-classified surface waters	None	Road Life
Spur C	88+78	24" CPP		Non-classified surface waters	None	Road Life
Spur C	92+79	18" CPP		Non-classified surface waters	None	Road Life
Spur C	93+46	18" CPP		Non-classified surface waters	None	Road Life
Spur C	102+94	18" CPP		Non-classified surface waters	None	Road Life

CPP= High Density Polyethylene Corrugated Plastic Pipe or equivalent.

#### ***D. Road Closure:***

Roads constructed for the timber sale that are left open will be subject to maintenance standards under 11 AAC 95. 315. Otherwise, roads constructed for the timber sale will be closed, subject to standards under 11 AAC 95.320.

**Table 8. Road Closures**

Road ID	Unit	All Season/Winter	Estimated Closure Date	Projected Road Use after Timber Harvest
Road A STA 0+00 to STA 8+89	NA	All Season	TBD	Silviculture, Incidental Public Access
Road A STA 8+89 to STA 20+57	NA	All Season	TBD	Silviculture, Incidental Public Access
Spur B	Unit 1	All Season	End of Harvest	Silviculture
Spur C STA 0+00 to STA 66+52	Unit 1	All Season	End of Harvest	Silviculture
Spur C STA 66+52 to End	Unit 1	All Season	TBD	Silviculture, Incidental Public Access

TBD: To be determined based on DOF funding and authorization of the land manager ADNR-Division, Mining, Land and Water (DMLW). Residents of the community of Hollis voiced an interest in cutting firewood from the timber sale area in the Best Interest Finding. Land owners within the currently un-roaded subdivision to the southeast of the area have also voiced an interest in access. The DOF will close all timber sale roads upon completion of harvest unless a road management agreement is in place with a recognized entity that meets the approval of the DMLW.

#### ***E. Material Extraction:***

- [ ] There will be no material extraction sites in the project area.
- [ ] Material extraction and associated overburden disposal will be located outside of riparian areas and muskegs. Material extraction and disposal will be located as shown on the operation map, in a manner that prevents runoff from entering surface waters.
- [X] Other: Material extraction and associated overburden disposal will be located outside of riparian areas and muskegs. Material extraction and disposal locations will be selected by the purchaser and approval will be required by the Division of Forestry

#### ***F. Other Resources Affected by-Roads or Material Extraction:***

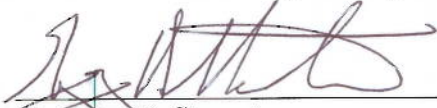
List resources other than water, habitat or cultural resources potentially impacted by road construction, and indicate how impacts will be mitigated. Other affected resources could be, but are not limited to mining claims, scenic areas, recreational trails, etc.

**Table 9. Other Affected Resources**

Impacted Resource	Reviewing Agency	Impact/ Mitigation Actions
none	none	none

## **V. Approvals**

**This Draft Forest Land Use Plan has been reviewed by the Division of Forestry and provides the information necessary for public and by agency review of the project described in this document as required by AS 38.05.112.**

  
\_\_\_\_\_  
**Gregory D. Staunton**  
**Area Forester**

5 / 22 / 2017  
**Date**

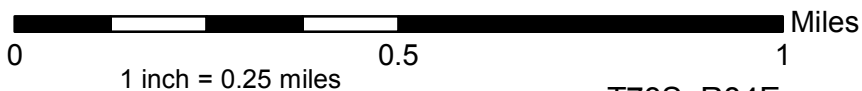
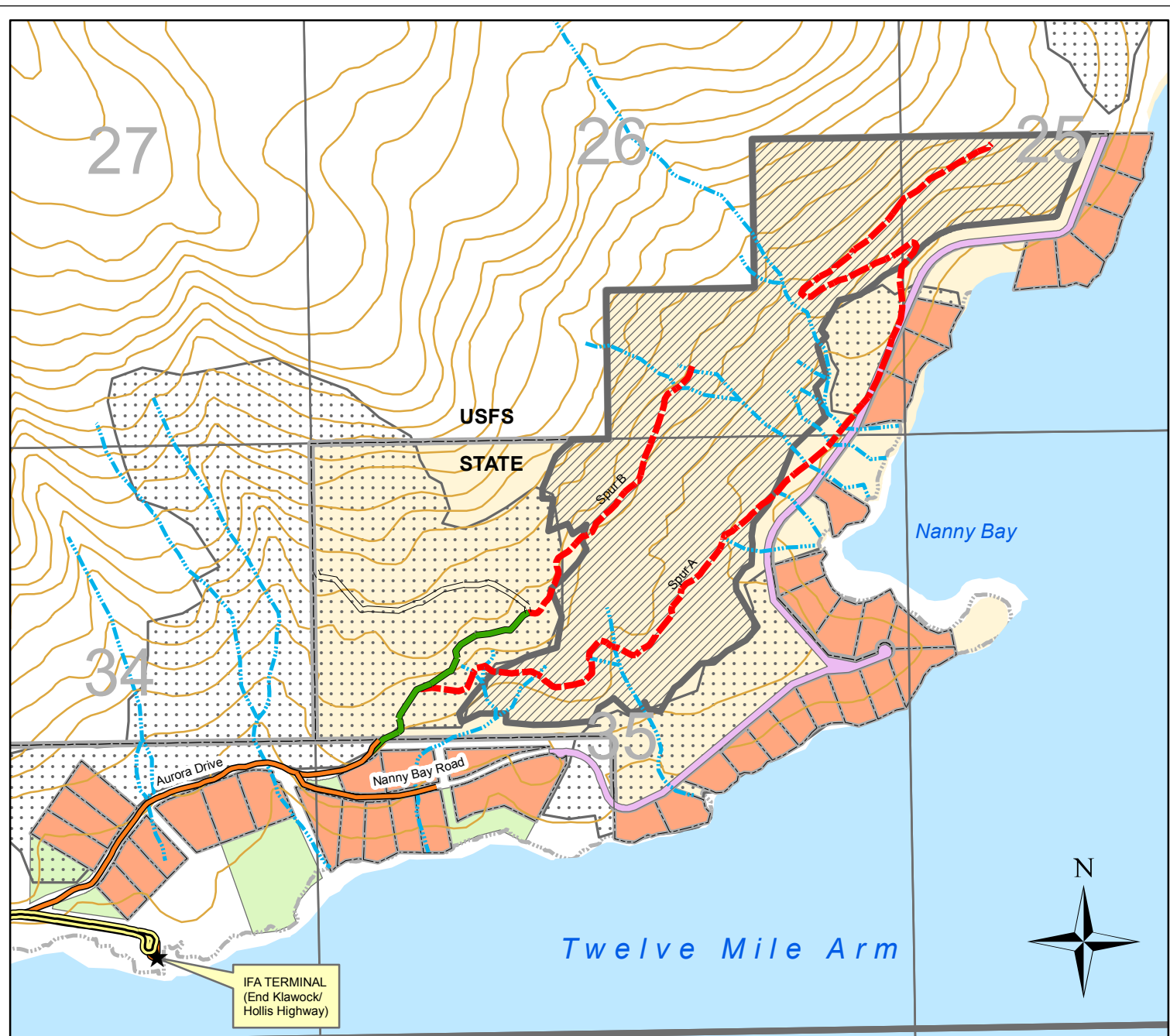
If you have any questions, please contact the Southeast Area Office at (907) 225-3070 or e-mail [greg.staunton@alaska.gov](mailto:greg.staunton@alaska.gov).



**Appendix A: North Hollis Timber Sale Maps**

***Appendix A1 North Hollis Area Map (1 page)***

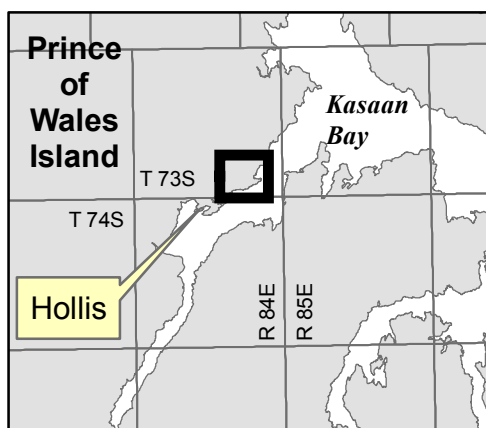
***Appendix A2 North Hollis Unit Maps (3 pages)***



Contour Interval = 100 feet

T73S, R84E  
Sections 25, 26 and 35  
CRM

# **APPENDIX A1** **SSE-1346-K** **NORTH HOLLIS** **TIMBER SALE** **AREA MAP**



**Vicinity Map**

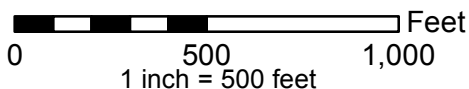
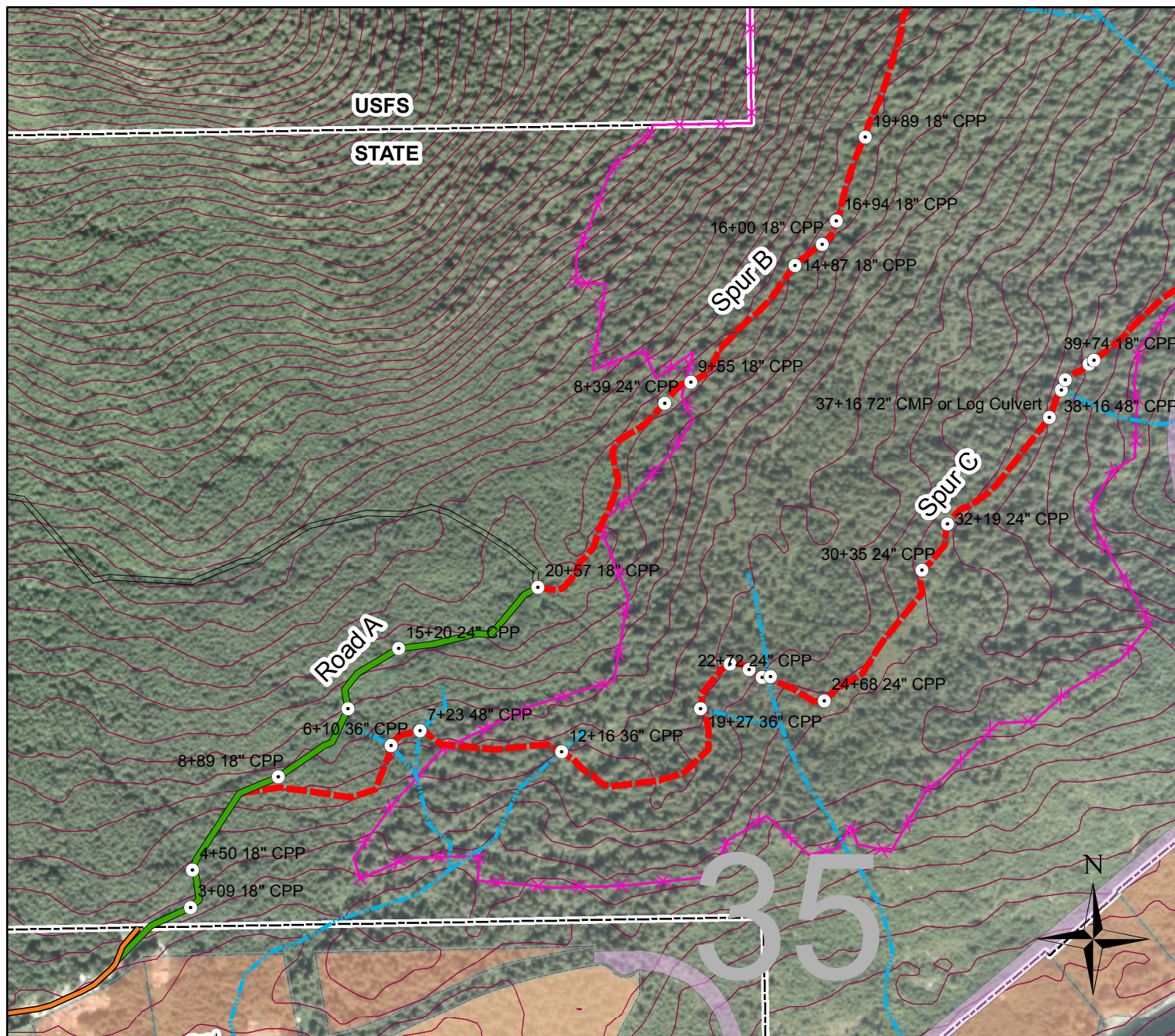
1 in = 8 miles



**DIVISION OF FORESTRY**

Date: 5/22/2017 GS



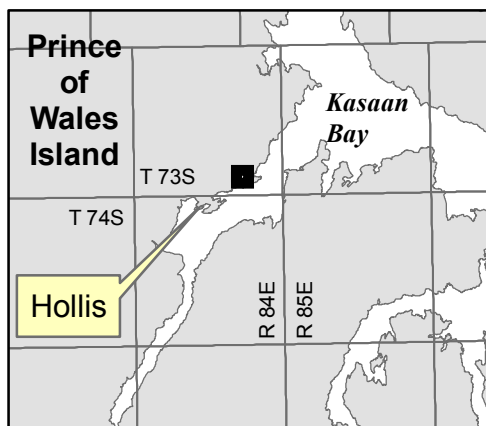


T73S, R84E  
Sections 25, 26 and 35  
CRM

Contour Interval = 25 feet

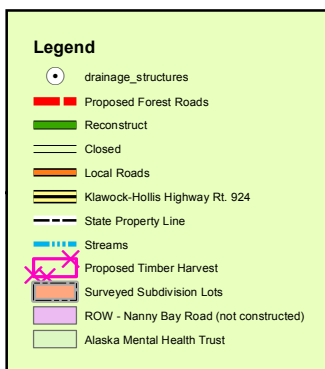
# **APPENDIX A2** **SSE-1346-K** **NORTH HOLLIS** **TIMBER SALE** **UNIT MAP**

Page 1 of 3



Vicinity Map

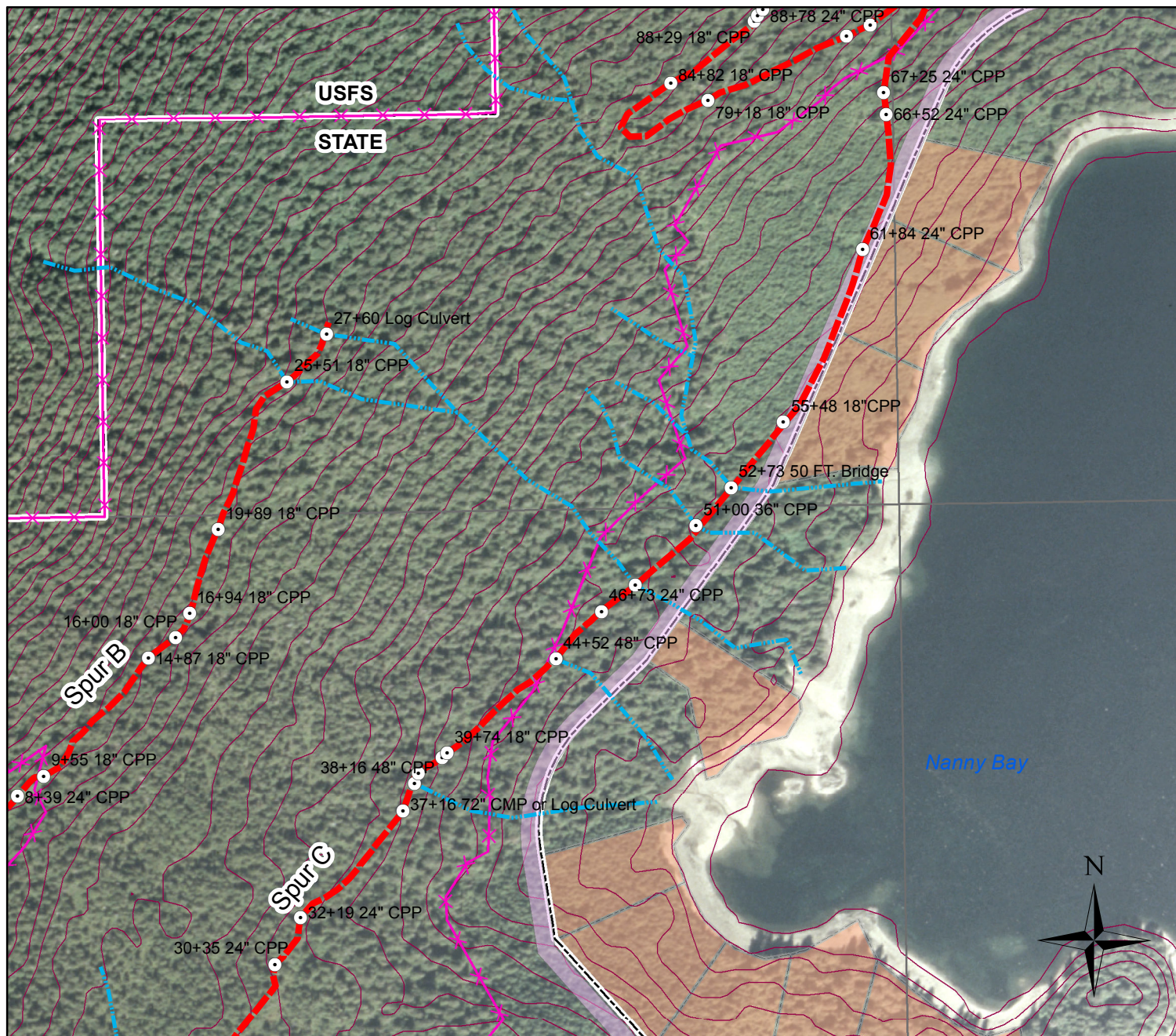
1 in = 8 miles



**DIVISION OF FORESTRY**

Date: 5/22/2017 GS





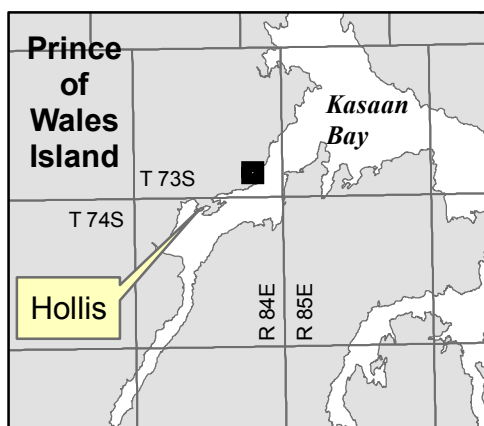
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1 inch = 500 feet

T73S, R84E  
Sections 25, 26 and 35  
CRM

Contour Interval = 25 feet

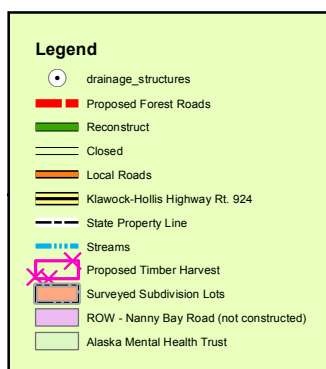
**APPENDIX A2  
SSE-1346-K  
NORTH HOLLIS  
TIMBER SALE  
UNIT MAP**

Page 2 of 3



Vicinity Map

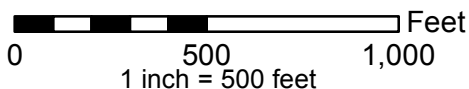
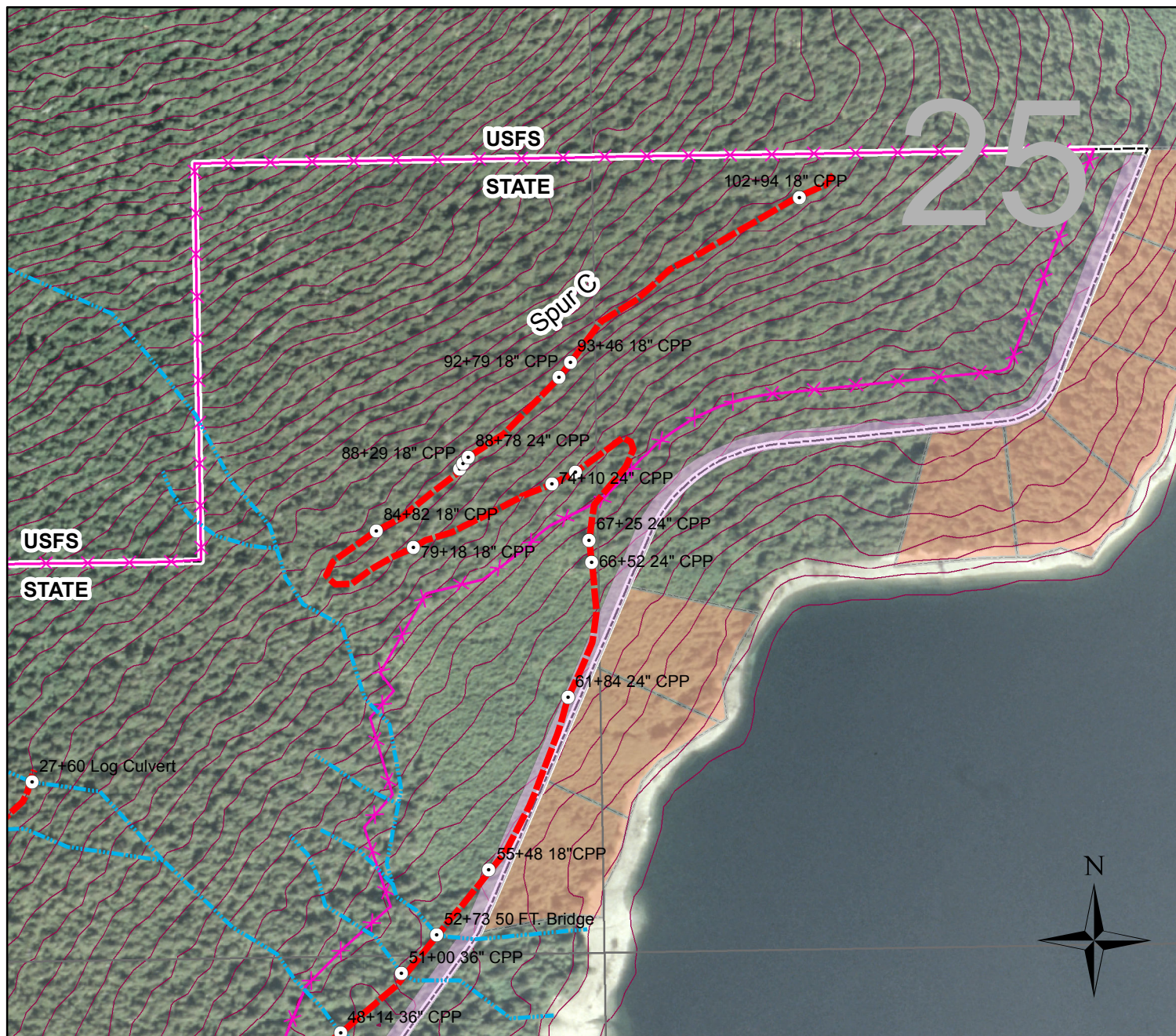
1 in = 8 miles



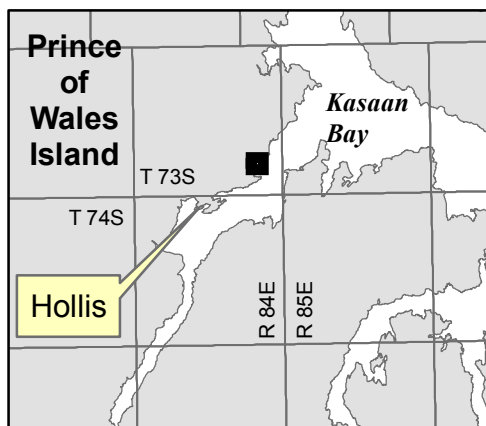
**DIVISION OF FORESTRY**

Date: 5/22/2017 GS



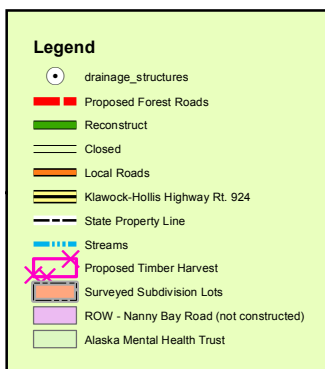


T73S, R84E  
Sections 25, 26 and 35  
CRM



Vicinity Map

1 in = 8 miles



Contour Interval = 25 feet

# **APPENDIX A2** **SSE-1346-K** **NORTH HOLLIS** **TIMBER SALE** **UNIT MAP**

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**DIVISION OF FORESTRY**

Date: 5/22/2017 GS

## **Appendix B: Supporting Information**

Note: Silvicultural and stand information has been described in the previously published BIF.

### **Alaska Forest Practices and Regulations.**

<http://forestry.alaska.gov/forestpractices>

### **Forest Road and Bridge Standards.**

[http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest\\_road\\_standard\\_design\\_20151231.pdf](http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest_road_standard_design_20151231.pdf)

[http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest\\_bridge\\_standard\\_design\\_20150128.pdf](http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest_bridge_standard_design_20150128.pdf)

No ADFG Fish way permits are required.

## **Appendix C: Appeal Statutes and Regulations**

(Reserved)

## **Appendix D: DRAFT FLUP Public Comment**

(Reserved)