

Pre-Operations Report

Operation Name: Ivy League
County: Clatsop
Management Basin: Scattered

Table 1. Operation Areas, Types and Acres

Area	Type of Operation	Gross Acres	Net Acres
1	PC-M	195	176
Total	Partial Cut	195	176

I. PHYSICAL DESCRIPTION OF OPERATION AREA:

This sale is within one of the isolated tracts of ODF ownership, collectively known as the Scattered Tracts. The sale area is located north of Highway 30 on moderate slopes of the headwaters of an unnamed tributary to Calendar Slough above the Stillwell Road. Elevations range from 50 to 300 feet. It is in the "hemlock zone" and is generally characterized by Douglas-fir and hemlock as the dominant tree species, with understory of salal, huckleberry, and ferns. Forest roads on State and private lands provide access to the sale areas.

The sale is underlain by sedimentary origin rocks of the informal Gnat Creek Formation. Soils in this area are of the Price series, developing from Miocene sandstones, and are deep, well-drained and finely textured with a site index averaging 130 to 140 feet.

II. CURRENT STAND CONDITION:

Most of area was cable logged in the early 1970's, and replanted with Douglas-fir. The current stand is composed of a Douglas-fir mixed conifer stand developed from a plantation. Although portions of the sale area were pre-commercially thinned in 1986, the current condition of the stand is predominantly closed single canopy.

Table 2. Stand Inventory Information

Area	Prescription	Stand ID ¹	Species	Age	DBH	BA	TPA	SDI	Acres ²
1	PC-M	**25482*	WH, DF	30	8	55	171	18	94
1	PC-M	25480*	WH, DF	39	10	185	333	56	58
1	PC-M	25479*	DF, WH	47	16	265	188	67	20
1	PC-M	25478*	WH	37	9	214	494	68	3
		Target	WH, DF	35	14	120	140	35	3

¹ The source of stand inventory information is (*OSCUR Stand 2002). Stand ages shown are as of 2006.

² The acres are based on (orthophotos, traverse, GIS, GPS, etc) and exclude roads, streams buffers, reserve areas, etc.

³ The Target identifies expected stand characteristics (DBH, BA, TPA and SDI) after harvesting has been completed.

** This information was gathered in 1986 from pre-commercial thinning plots and was not grown forward. This stand has been field evaluated and was determined to be similar to stand 25480.

III. DESIRED STAND CONDITION:

None of the sale area has a desired future condition of complex. These stands will be partial cut to a moderate Stand Density to allow for individual tree growth as well as develop some understory diversity.

Table 3.

Area	Stand ID	Current	Post Harvest ¹	Desired Future	Acres
1	25482	CSC	UDS	General	94
1	25480	CSC	UDS	General	58
1	25479	UDS	UDS	General	20
1	25478	CSC	UDS	General	3

¹ The stand is expected to develop into this condition in the five to ten years after this operation is completed.

IV. PROPOSED MANAGEMENT PRESCRIPTION/VISION:

Area 1 – This is a first entry thinning into a fairly simplistic stand with the goal of providing more growing space for the residual trees while capturing anticipated tree mortality from high stand densities. This partial cut will be a general basal area thinning prescription to a moderate density of SDI 30 to 35 percent of maximum, and retaining the “biggest and best” trees. This silvicultural prescription will maximize individual tree growth while minimizing overall stand growth over time. It is anticipated that this harvesting prescription will allow these stands to develop in diameter size and also to develop some structural diversity.

Snags: All existing snags will be retained unless deemed to be safety hazards. It is anticipated that additional snags will develop during yarding activities by leaving, topping, or girdling damaged rub trees, tail trees, lift trees, and/or intermediate support trees.

V. ESTIMATED TIMBER AND REVENUE INFORMATION:

Table 4. Timber and Revenue

Ownership		Sale Type	
BOF	CSL	Cash	Recovery
100%	0%	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Planned Quarter:		Alternate	

	Conifer	Hardwood	Total
Net Volume (MBF)	1,300	0	1,300
Stumpage Value (\$/MBF)	\$250	\$0	
Estimated Gross Value	\$325,000	\$0	\$325,000
		Project Costs:	\$40,000
		Estimated Net Value:	\$285,000

VI. HARVESTING AND ACCESS CONSIDERATIONS:

The sale area is accessed by existing forest roads. The roads are located in good ridge top locations that provide good access for cable yarding. These roads will require low level road maintenance, including brushing, ditch improvement, and additional road rock. Road rock for this sale is available at Big Noise or the Hunt Creek Stockpile Sites.

Table 5. Transportation Planning Summary (Miles).

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0.0	0.0	0.0	0.0
Improve	0.0	0.0	2.0	0.0
Maintain	0.0	0.0	2.0	0.0
Close/Block	0.0	0.0	0.0	0.0
Vacate	0.0	0.0	0.0	0.0

VII. AQUATIC RESOURCES AND WATER QUALITY:

Type F Streams: There are no Type F streams in or adjacent to the Area.

Type N Streams: There are small perennial Type N streams in the sale area. NW Oregon Forest Plan stream riparian strategies will be employed along these streams. The current riparian vegetation is composed of a patchwork of conifer and hardwood overstories. The understory in the conifer dominated reaches is similar to the headlands, with mostly ferns, salal, and some huckleberry. The understory within the alder reaches is mostly salmonberry.

All streams will be examined during sale layout to determine stream type and classification. Then, the specific RMA strategies required in the FMP will be implemented. These strategies are found in Appendix J, pages J-1 through J-16.

The sale area is not within proximity of streams in which listed fish are present.

All the perennial streams within the operational area of the sale have a LMCS Aquatic and Riparian classification of focused.

Stream Enhancement Opportunities: There are no known opportunities for stream enhancement.

Aquatic Resource Protection: Full log suspension is required when cable yarding over streams. No ground-based logging equipment operation is allowed within the stream bank zone. Adequate RMA buffers will be left where required on all streams per the FMP standards. To protect water quality during active operations, a variety of methods will be used to prevent sediment from entering live streams. These methods range from use of hay bales in road ditches, to “ditch-outs” away from streams, to complete shutdown of logging and hauling operations during times of heavy rainfall. There are no known high risk sites within the sale area. Any high-risk sites found will require at least one-end log suspension and cable logging

VIII. T&E SPECIES CONSIDERATIONS:

The ODF Northwest Area Biologist determined the sale area did not contain suitable habitat for Marbled Murrelets, on October 10, 2006. The sale will be surveyed for the Northern Spotted Owl in 2007 and 2008.

There is a bald eagle nesting site near the northern boundary. This nest tree will be buffered as required by law, and a “site management plan” will be developed by the Unit Forester, Area Wildlife Biologist, and ODFW Biologist. This plan will assure that the habitat components necessary for long-term persistence and productivity are identified and appropriately managed.

The sale area was checked against the Oregon Natural Heritage Program database of known listed plant locations. The sale area was also checked against district knowledge for any listed plant location. No listed plant records were identified within the sale area.

IX. SLOPE STABILITY AND GEOTECHNICAL ISSUES:

There is only one area of steep slopes indicated on the topographic maps in the headwaters of a draw in the center of the western portion of the sale area. The initial risk assessment by the geotechnical specialist for the sale is low except for this small area of steep slopes. If this steep sloped area remains within the sale

area as the sale layout proceeds, the geotechnical specialist will be consulted to determine if a field visit is needed.

X. RECREATION RESOURCES:

There are no significant recreation activities in this area other than dispersed camping and hunting.

XI. CULTURAL RESOURCES:

None.

XII. SCENIC RESOURCES:

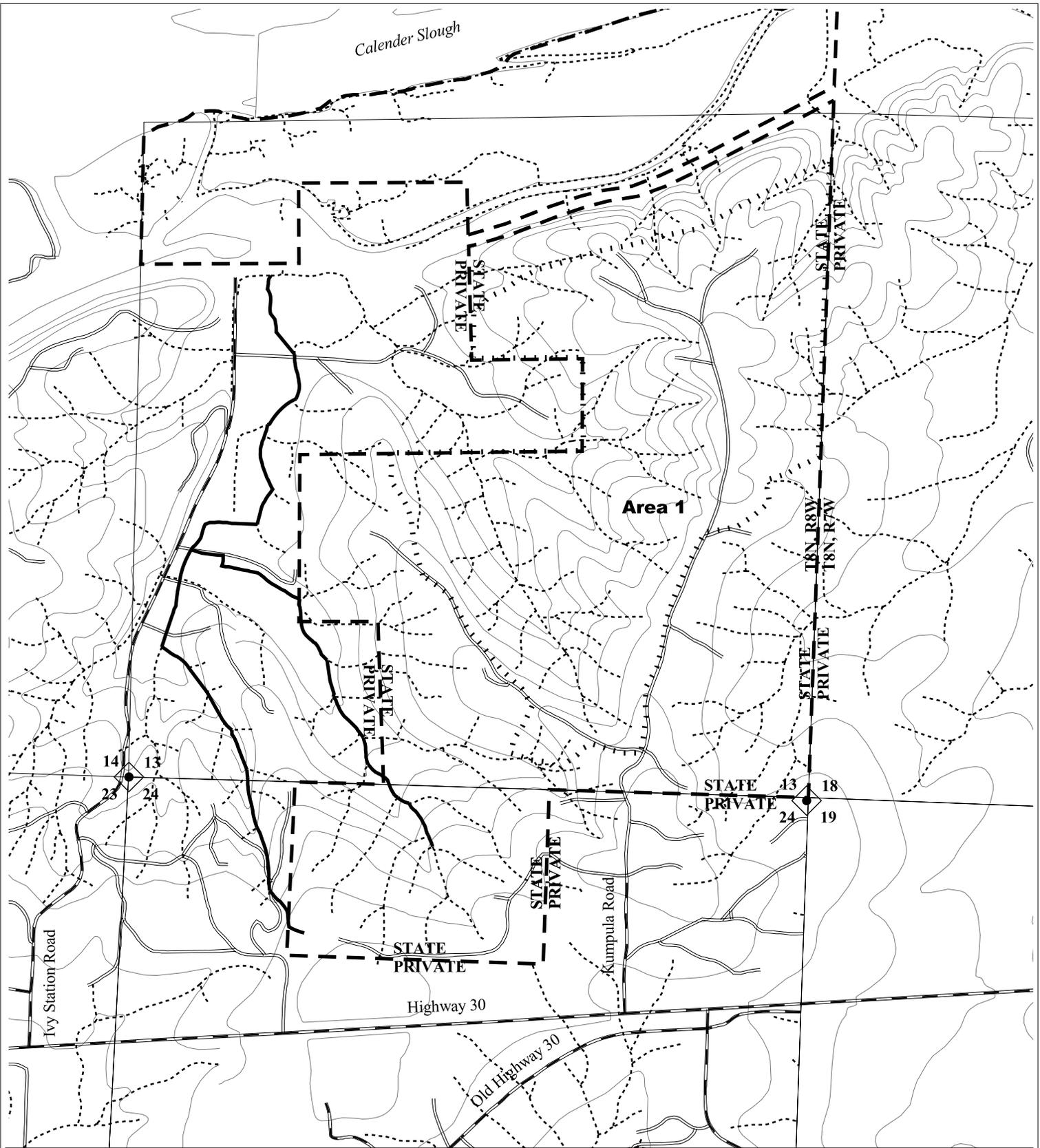
Approximately 40 acres of the sale has been designated as "Level 2 Visual", as it may be visible from the Columbia River. As this is a partial cut, it is anticipated that there will be minimal visual impact.

XIII. OTHER RESOURCE CONSIDERATIONS:

None.

XIV. LAND MANAGEMENT CLASSIFICATION SUMMARY:

The lands in this timber sale are all classified "general" management. Within this overlay are 40 acres of "focused" Visual classification for the Columbia River.



APPROXIMATE NET ACREAGE	
	PC Acres
Area 1 (PC)	176
Total Sale Acreage=	176

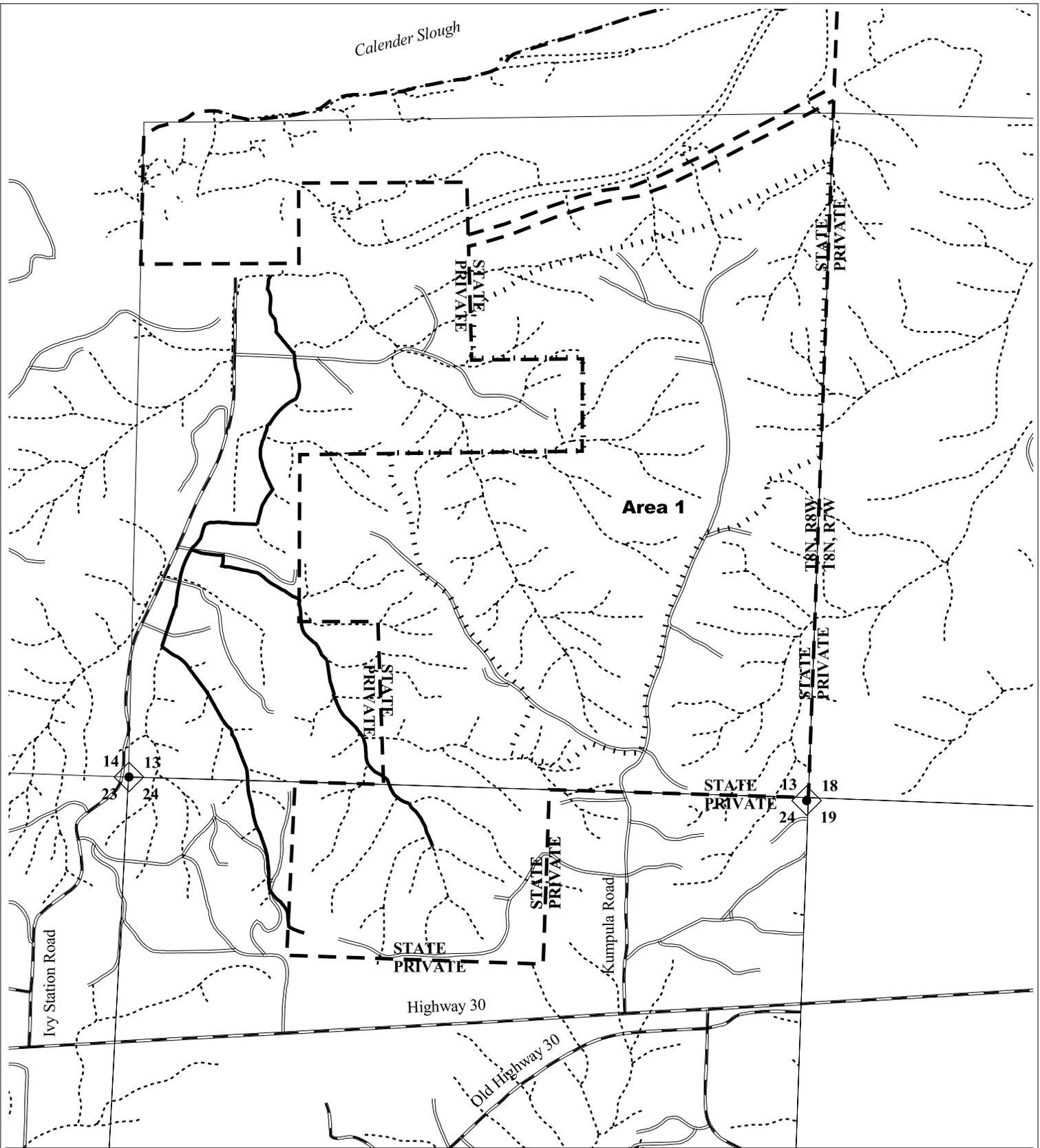


FY 2008
 IVY LEAGUE
 PORTIONS OF SECTION 13, T8N, R8W, W.M.,
 CLATSOP COUNTY, OREGON.

Map A - Topography
 1:12000

LEGEND

- Timber Sale Boundary
- Ownership Boundary
- Roads
- Gravel
- Paved
- Streams
- Fish Stream
- Non-fish Stream
- Unknown Stream



APPROXIMATE NET ACREAGE	
	PC Acres
Area 1 (PC)	176
Total Sale Acreage=	176

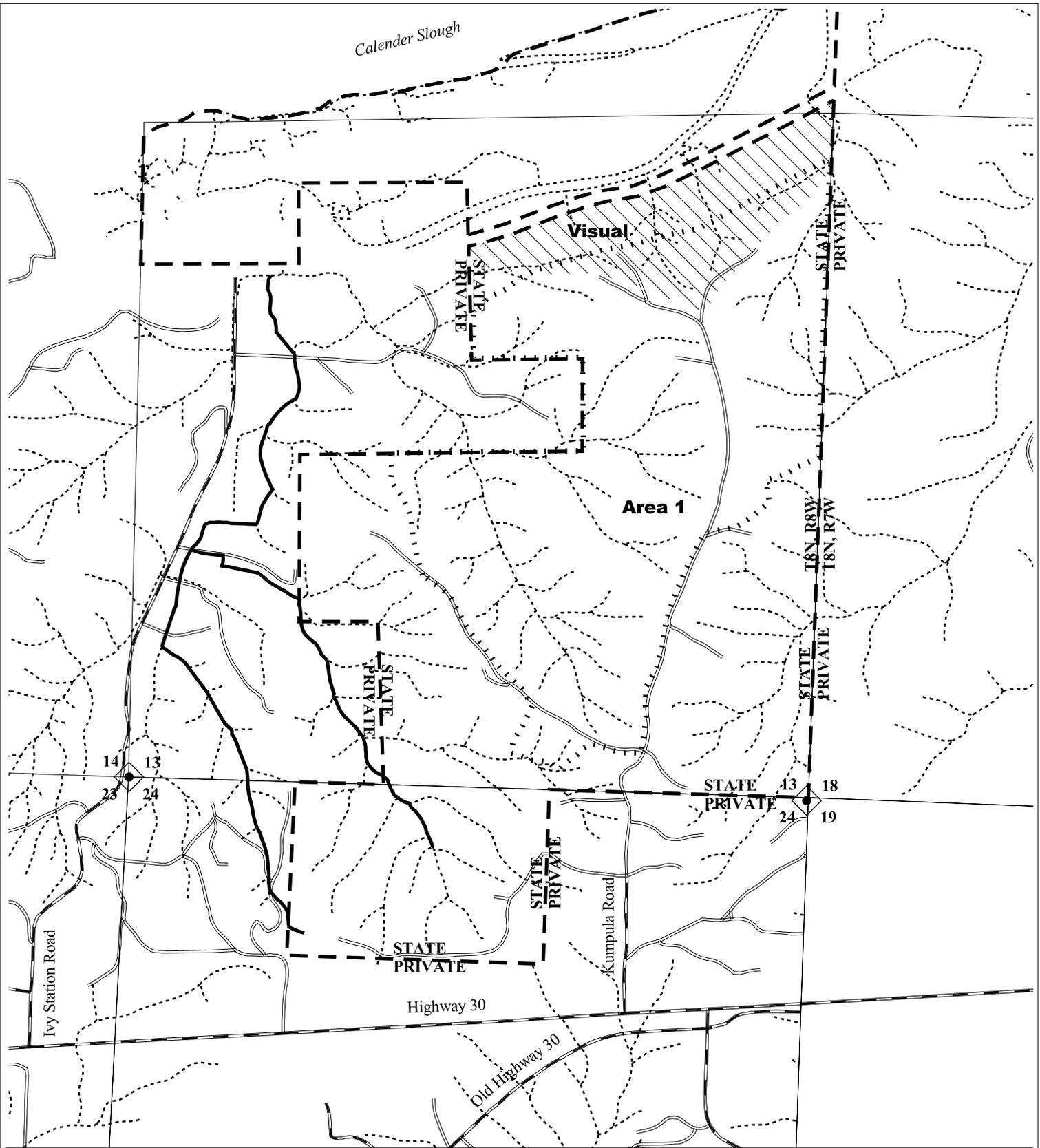


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Map B - Desired Future Condition
 1:12000

LEGEND

- Timber Sale Boundary
- Ownership Boundary
- Roads**
- Gravel
- Paved
- Streams**
- Fish Stream
- Non-fish Stream
- Unknown Stream
- Desired Future Condition**
- Layered
- Older Forest Structure



APPROXIMATE NET ACREAGE	
	PC Acres
Area 1 (PC)	176
Total Sale Acreage=	176

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Map C - Key Resources
 1:12000



- LEGEND**
- Timber Sale Boundary
 - Ownership Boundary
 - Roads**
 - Gravel
 - Paved
 - Streams**
 - Fish Stream
 - Non-fish Stream
 - Unknown Stream
 - FMLC**
 - Focused
 - Special