Gazoo Combo
TIMBER CRUISE REPORT
FY 2025

1. **Sale Area Location:** Portions of Sections 29, 31 & 32 of T7N, R6W, W.M., Clatsop County, OR.

2. **Fund Distribution:** BOF 100% Tax Code: 30-05 (100%)

3. **Sale Acreage by Area:**

Unit	Harvest Type	Gross Acres	Stream Buffer Acres	Reserve Tree Area	Existing R/W Acres	New R/W	Net Acres	Survey Method
1	Partial Cut	107	21	6	2	2	76	GIS
1A	Group Selection	6	-	-	-	-	6	GIS
2	Clearcut	66	10	-	4	1	51	GIS
3	Partial Cut	42	9	1	-	1	31	GIS
3A	Group Selection	1	-	-	-	-	1	GIS
4 (R/W)	Right-of-Way	4	-	-	-	-	4	LxW
TOTALS		**226**	**40**	**7**	**6**	**4**	**169**	

4. Cruisers and Cruise Dates: John Czarnecki, Ryan Simpson, Chris Scott, and Kevin Berry (03/03/2025-03/05/2025)

5. Cruise Method and Computation:

Unit 1: Unit 1 was variable plot cruised with a 40 BAF. A total of 44 plots were sampled on a six chain by three and a half chain spacing with a count to grade ratio of 2:1, resulting in 18 grade plots and 26 count plots.

Unit 2: Unit 2 was variable plot cruised with 40 BAF. A total of 28 plots were sampled on a six and a half chain by three and a half chain spacing with a count to grade ratio of 2:1, resulting in 12 grade plots and 16 count plots.

Unit 3: Unit 3 was variable plot cruised with 33.61 BAF. A total of 28 plots were sampled on a four chain by three and a half chain spacing with a count to grade ratio of 2:1, resulting in 10 grade plots and 18 count plots.

Unit 4 (R/W): In-unit Right-of-Way consists of new spur roads and landings within Units 1 and 2. Cruise data for Unit 4 R/W was obtained from the U1 and U2 cruises respectively.

Data was collected on Allegro 2 data collectors and downloaded to the Atterbury SuperACE 2008 program for computing. See the attached Cruise Designs for more details on the cruise method. The cruise calculations were processed in the Astoria District office.

UNIT(s)	CRUISE	TRACT	TYPE	ACRES
1	GAZOO	U1	PC	76
1A	GAZOO	U1	GSPC	6
2	GAZOO	U2	CC	51
3	GAZOO	U3	PC	31
3A	GAZOO	U3	GSPC	1
4 (R/W)	GAZOO	R/W	RW	4

6. Timber Description:

Unit 1: A partial cut with an average age of 75 years. The stand consists of Douglas-fir, western hemlock, and red alder. Minor components of western redcedar and bigleaf maple are present in the unit. The average take Douglas-fir is approximately 26 inches DBH and 143 feet for a total height. The average take western hemlock is approximately 17 inches DBH and 83 feet for a total height. The average take red alder is approximately 16 inches DBH and 67 feet for a total height. Average net volume to be harvested per acre is 39 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point.

Unit 1A: Consists of two group selection patch cuts within Unit 1 with a combined acreage of six acres. They are similar to the timber description above in Unit 1.

Unit 2: A clearcut with an average age of 73 years. The stand consists of Douglas-fir, western hemlock, and red alder,with minor components of Sitka spruce. The average take Douglas-fir is approximately 28 inches DBH and 126 feet for a total height. The average take western hemlock is approximately 20 inches DBH and 74 feet for a total height. The average take red alder is approximately 14 inches DBH and 55 feet for a total height. The average take Sitka spruce is 26 inches DBH and 76 feet to a total height. Average net volume to be harvested per acre is 43 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point.

Unit 3: A partial cut with an average age of 73 years. The stand consists of Douglas-fir, western hemlock, and red alder. The average take Douglas-fir is approximately 24 inches DBH and 129 feet for a total height. The average take western hemlock is approximately 21 inches DBH and 113 feet for a total height. The average take red alder is approximately 15 inches DBH and 69 feet for a total height. Average net volume to be harvested per acre is 27 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point.

Unit 3A: Consists of two group selection patch cuts within Unit 3 with a combined acreage of one acre. It is similar to the timber description above in Unit 3.

Unit 4 (R/W): Four acres of new R/W, it is similar to the timber description of Units 1 and 3.

7. Statistical Analysis and Stand Summary:

Statistics for Stand B.F. volumes

Type	Estimated CV	Target SE%	Actual CV	Actual SE%
Unit 1	40%	11%	36%	5.43%
Unit 2	35%	9%	44%	8.31%
Unit 3	35%	12%	45%	8.59%

8. Volumes by Species and Log Grade:

Volumes by Species and Grade for All Sale Areas: (MBF) Volumes do not include "in-growth."

Conifer

Species	DBH	Net Vol.	2 Saw	3 Saw	4 Saw	% D & B	% Sale
Douglas-fir	26"	4,965	4,289	607	69	0.8%	74%
Western hemlock	18"	1,353	1,003	275	75	0.8%	20%
Sitka spruce	26"	9	-	9	-	0%	<1%
Red Cedar	40"	**1**	**1**	**0**	**0**	1.5	<1%
TOTALS	--	**6,328**	**5,293**	**891**	**144**	--	--

Hardwood

Species	DBH	Net Vol.	12"+	10"-11"	8"-9"	6"-7"	% D & B	% Sale
Red alder	15"	387	157	43	70	117	1.7%	6%
Maple	24			<1			9.1	<1%
TOTALS	--	**387**	**157**	**43**	**70**	**117**	--	--

TOTAL VOLUME	6,715 MBF

9. **Approvals:**

Prepared by: John Czarnecki **Date:** 03/17/2025
Unit Forester Approval: [signature] **Date:** 3/24/2025

10. **Attachments:** Cruise Design and Map (9 pages)
Volume Report 12 page)
Statistics Report (10 pages)
Log Stock Table (2 pages)
Stand Table Summary (2 pages)

Revised August, 2002

CRUISE DESIGN
ASTORIA DISTRICT

Sale Name: Gazoo Combo **Unit** U1

Harvest Type: Partial Cut

Approx. Cruise Acres: 87 **Estimated CV%** 40 Net BF/Acre **SE% Objective** 11% Net BF/Acre

Planned Sale Volume: 1,566 MBF **Estimated Sale Area Value/Acre:** $9,000/Acre

A. Cruise Goals: (a) Grade minimum 70 conifer trees.
(b) Sample 44 plots (18 grade / 26 count); (c) Other goals (X Determine "automark" thinning standards; X Determine log grades for sale value; X Determine snag and leave tree species and sizes)

B. Cruise Design:

1. Plot Cruises: BAF: 40

Unit 1:

Cruise Line Direction: 104°/284°
Cruise Line Spacing 6 (chains) 396 (feet)
Cruise Plot Spacing 3.5 (chains) 231 (feet)
Grade/Count Ratio 1:2

Basal Area leave target is 130 sq. ft. Cruiser needs to select 3 to 4 leave trees per plot. Cruise all take and leave trees.

All cedar will be reserved. All minor species will be the first priority leave trees. Take trees should be Douglas-fir where available. Record all snags as SN.

Grade minor species (true fir, spruce, cedar, maple, etc.) on count plots if encountered.

Take plots as marked on cruise map.

DO NOT: record any 22' log lengths, or any 12', 24', or 32' log lengths for hardwoods.

DO NOT: record snags < 15" DBH or record snag measurements on count plots.

C. Tree Measurements:

1. Diameter: Minimum DBH to cruise is 8" for conifers and 8" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16" - 24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.

2. Bole Length: Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.

3. Top Cruise Diameter (TCD): Minimum top outside bark is 7" for conifers and 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" outside bark for trees < 20" dbh and 40% of dob @ FP for conifer trees > 20" dbh.

4. **Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. **Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree. Hardwoods shall be recorded in 8' and 10' multiples.

6. **Species, Sort, and Grade Codes:**

A. Species: Record as D (Douglas-fir); H (Western hemlock); S (Sitka Spruce); C (Western red cedar); NF (Noble fir); GF (Grand fir); SF (Silver fir); A (Red alder); M (Bigleaf maple); SN (Snag). For "leave trees", add an "L" to the species code (such as DL, HL, CL, etc.).

B. Sort: Use code "1" (Domestic).

C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull
Hardwoods: Alder Grades: 12" + = 1 Sawmill; 10"-12" = 2 Sawmill; 10"-8" = 3 Sawmill; and 8"-6" 4 Sawmill, or R = Camp Run; 0 = Cull.
All Maple Camp Run = R

Grade oversized 3-SAW (DIB ≥ 12", knots > 2½" inside scaling cylinder affecting > 50% of log)

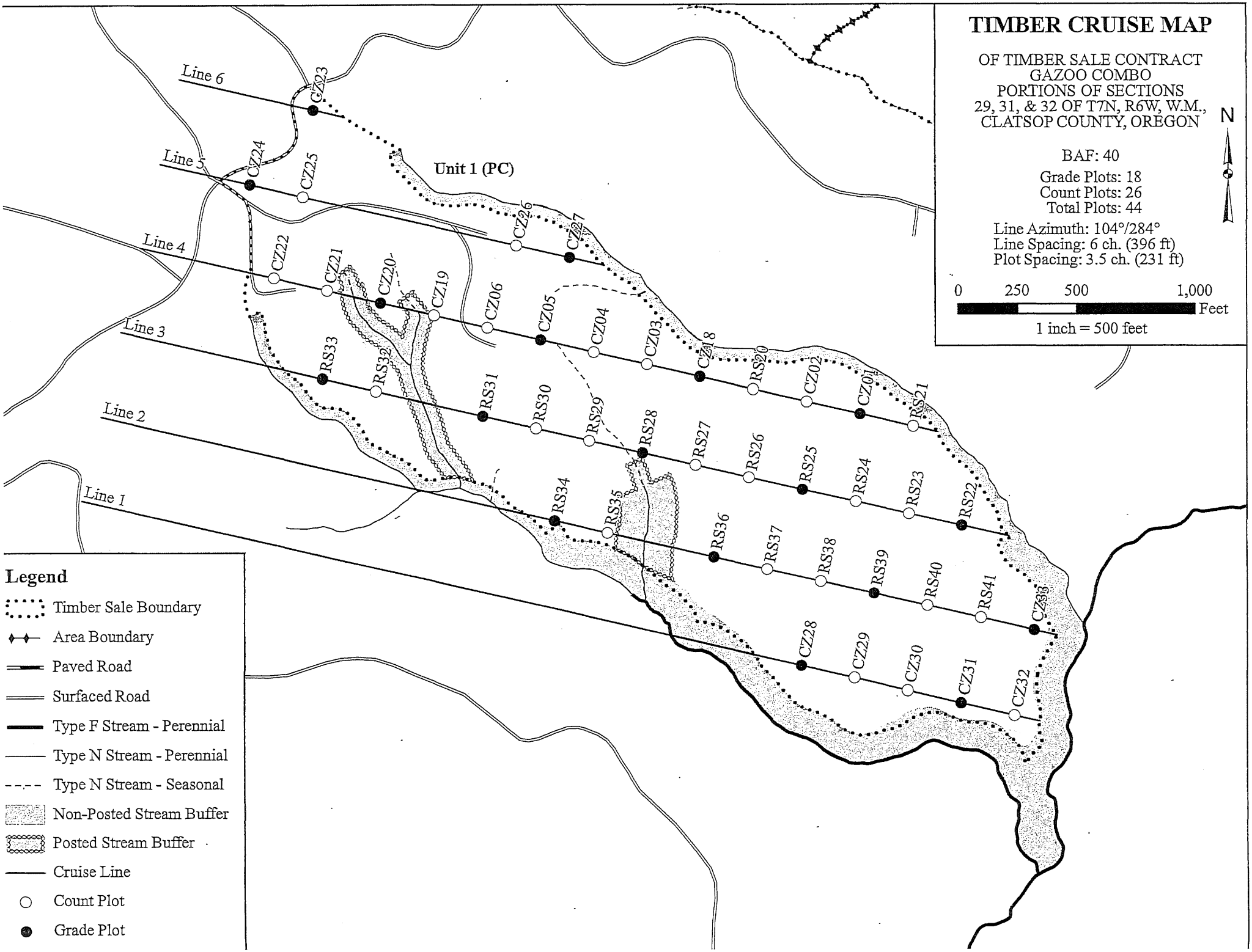
7. **Deductions:** Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.

8. **Standard Field Procedures:** Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On each yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at inter-visible points, not to exceed 100' apart. On "measure/grade" plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.

9. **Cruising Equipment:** Relaskop, Rangefinder, Logger's Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint, Permanent Marker.

10. **Attachments:** A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.)

Cruise Design by: John Czarnecki
Approved by: _____
Date: 2/18/25


TIMBER CRUISE MAP
OF TIMBER SALE CONTRACT
GAZOO COMBO
PORTIONS OF SECTIONS
29, 31, & 32 OF T7N, R6W, W.M.,
CLATSOP COUNTY, OREGON
N
BAF: 40
Grade Plots: 18
Count Plots: 26
Total Plots: 44
Line Azimuth: 104°/284°
Line Spacing: 6 ch. (396 ft)
Plot Spacing: 3.5 ch. (231 ft)
0 250 500 1,000
Feet
1 inch = 500 feet
Unit 1 (PC)
Line 6
Line 5
Line 4
Line 3
Line 2
Line 1
CZ23
CZ24
CZ25
CZ26
CZ27
CZ22
CZ21
CZ20
CZ19
CZ06
CZ05
CZ04
CZ03
CZ18
CZ02
CZ01
RS33
RS32
RS31
RS30
RS29
RS28
RS27
RS26
RS25
RS24
RS23
RS22
RS21
RS34
RS35
RS36
RS37
RS38
RS39
RS40
RS41
CZ33
CZ28
CZ29
CZ30
CZ31
CZ32
Legend
Timber Sale Boundary
Area Boundary
Paved Road
Surfaced Road
Type F Stream - Perennial
Type N Stream - Perennial
Type N Stream - Seasonal
Non-Posted Stream Buffer
Posted Stream Buffer
Cruise Line
Count Plot
Grade Plot

Revised August, 2002

CRUISE DESIGN
ASTORIA DISTRICT

Sale Name: Gazoo Combo **Unit** U2

Harvest Type: Clear Cut

Approx. Cruise Acres: 56 **Estimated CV%** 35 Net BF/Acre **SE% Objective** 9% Net BF/Acre

Planned Sale Volume: 2,520 MBF **Estimated Sale Area Value/Acre:** $22,500/Acre

A. Cruise Goals: (a) Grade minimum 70 conifer trees.
(b) Sample 28 plots (12 grade / 16 count); (c) Other goals (__ Determine "automark" thinning standards; X Determine log grades for sale value; __ Determine snag and leave tree species and sizes)

B. Cruise Design:

1. Plot Cruises: BAF: 40

Unit 1:

Cruise Line Direction: 104°/284°
Cruise Line Spacing 6.5 (chains) 429 (feet)
Cruise Plot Spacing 3.5 (chains) 231 (feet)
Grade/Count Ratio 1:2

Grade minor species (true fir, spruce, cedar, maple, etc.) on count plots if encountered.

Take plots as marked on cruise map.

DO NOT: record any 22' log lengths, or any 12', 24', or 32' log lengths for hardwoods.

DO NOT: record snags < 15" DBH or record snag measurements on count plots.

C. Tree Measurements:

1. **Diameter:** Minimum DBH to cruise is 8" for conifers and 8" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16" - 24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.

2. **Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.

3. **Top Cruise Diameter (TCD):** Minimum top outside bark is 7" for conifers and 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" outside bark for trees < 20" dbh and 40% of dob @ FP for conifer trees > 20" dbh.

4. **Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. **Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull

segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree. Hardwoods shall be recorded in 8' and 10' multiples.

6. Species, Sort, and Grade Codes:

A. Species: Record as D (Douglas-fir); H (Western hemlock); S (Sitka Spruce); C (Western red cedar); NF (Noble fir); GF (Grand fir); SF (Silver fir); A (Red alder); M (Bigleaf maple); SN (Snag). For "leave trees", add an "L" to the species code (such as DL, HL, CL, etc.).

B. Sort: Use code "1" (Domestic).

C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull
Hardwoods: Alder Grades: 12" + = 1 Sawmill; 10"-12" = 2 Sawmill; 10"-8" = 3 Sawmill; and 8"-6" 4 Sawmill, or R = Camp Run; 0 = Cull.
All Maple Camp Run = R

Grade oversized 3-SAW (DIB ≥ 12", knots > 2½" inside scaling cylinder affecting > 50% of log)

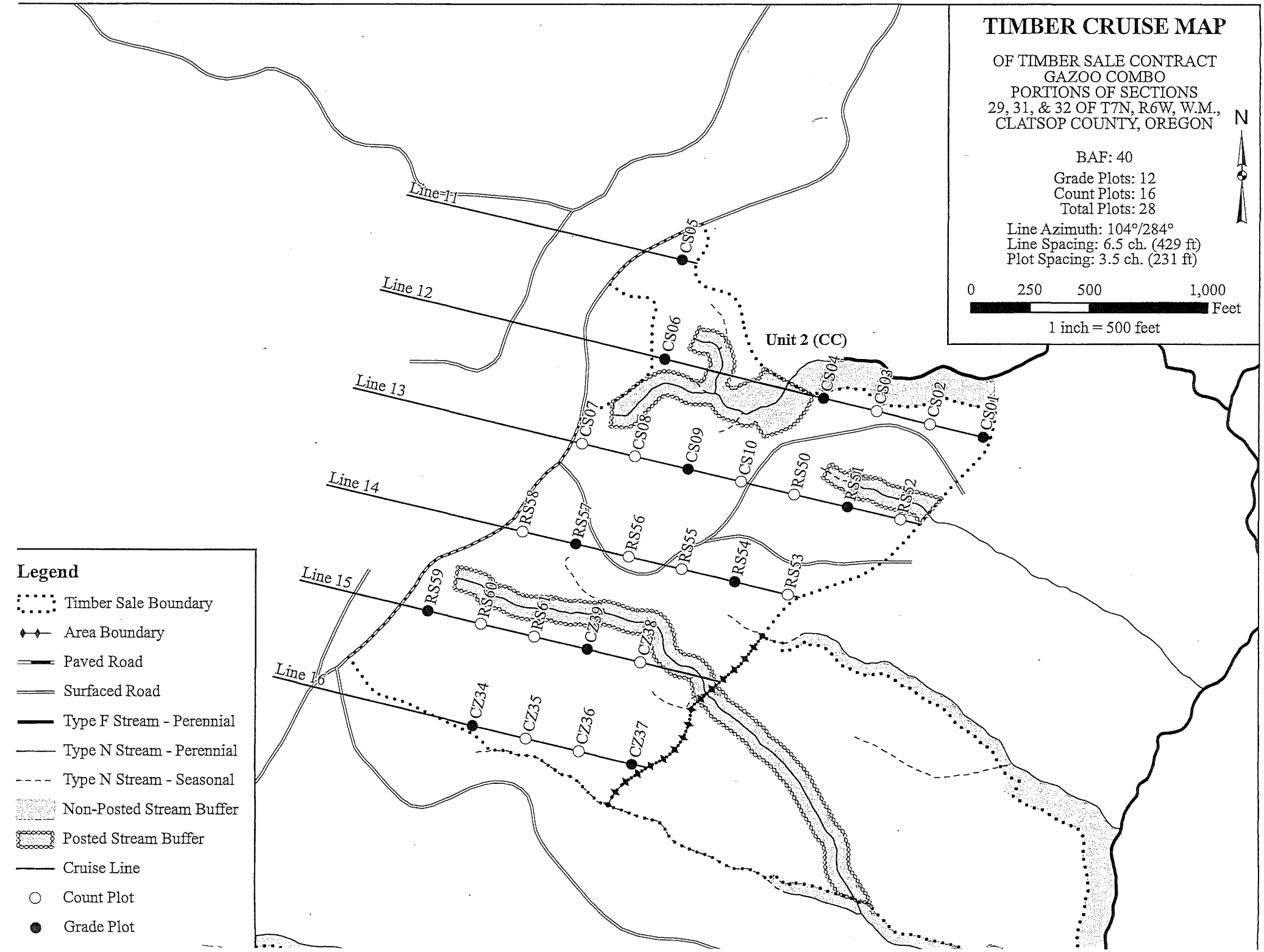
7. Deductions: Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.

8. Standard Field Procedures: Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On each yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at inter-visible points, not to exceed 100' apart. On "measure/grade" plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.

9. Cruising Equipment: Relaskop, Rangefinder, Logger's Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint, Permanent Marker.

10. Attachments: A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.)

Cruise Design by: Ryan Simpson
Approved by: [signature]
Date: 7/18/25


TIMBER CRUISE MAP
OF TIMBER SALE CONTRACT
GAZOO COMBO
PORTIONS OF SECTIONS
29, 31, & 32 OF T7N, R6W, W.M.,
CLATSOP COUNTY, OREGON
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Grade Plots: 12
Count Plots: 16
Total Plots: 28
Line Azimuth: 104°/284°
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N
0 250 500 1,000
Feet
1 inch = 500 feet
Unit 2 (CC)
Line 11
Line 12
Line 13
Line 14
Line 15
Line 16
CS05
CS06
CS04
CS03
CS02
CS01
CS07
CS08
CS09
CS10
RS50
RS51
RS52
RS58
RS57
RS56
RS55
RS54
RS53
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Legend
Timber Sale Boundary
Area Boundary
Paved Road
Surfaced Road
Type F Stream - Perennial
Type N Stream - Perennial
Type N Stream - Seasonal
Non-Posted Stream Buffer
Posted Stream Buffer
Cruise Line
Count Plot
Grade Plot

Revised August, 2002

CRUISE DESIGN
ASTORIA DISTRICT

Sale Name: Gazoo Combo **Unit** U3

Harvest Type: Partial Cut

Approx. Cruise Acres: 34 **Estimated CV%** 35 Net BF/Acre **SE% Objective** 12% Net BF/Acre

Planned Sale Volume: 680 MBF **Estimated Sale Area Value/Acre:** $10,000/Acre

A. Cruise Goals: (a) Grade minimum 70 conifer trees.
(b) Sample 28 plots (10 grade / 18 count); (c) Other goals (X Determine "automark" thinning standards; X Determine log grades for sale value; X Determine snag and leave tree species and sizes)

B. Cruise Design:

1. Plot Cruises: BAF: 33.61

Unit 1:

Cruise Line Direction: 111°/291°
Cruise Line Spacing 4 (chains) 264 (feet)
Cruise Plot Spacing 3.5 (chains) 231 (feet)
Grade/Count Ratio 1:2

Basal Area leave target is 130 sq. ft. Cruiser needs to select 3 to 4 leave trees per plot. Cruise all take and leave trees.

All cedar will be reserved. All minor species will be the first priority leave trees. Take trees should be Douglas-fir where available. Record all snags as SN.

Grade minor species (true fir, spruce, cedar, maple, etc.) on count plots if encountered.

Take plots as marked on cruise map.

DO NOT: record any 22' log lengths, or any 12', 24', or 32' log lengths for hardwoods.

DO NOT: record snags < 15" DBH or record snag measurements on count plots.

C. Tree Measurements:

1. Diameter: Minimum DBH to cruise is 8" for conifers and 8" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16" - 24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.

2. Bole Length: Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.

3. Top Cruise Diameter (TCD): Minimum top outside bark is 7" for conifers and 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" outside bark for trees < 20" dbh and 40% of dob @ FP for conifer trees > 20" dbh.

4. **Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. **Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree. Hardwoods shall be recorded in 8' and 10' multiples.

6. **Species, Sort, and Grade Codes:**

A. Species: Record as D (Douglas-fir); H (Western hemlock); S (Sitka Spruce); C (Western red cedar); NF (Noble fir); GF (Grand fir); SF (Silver fir); A (Red alder); M (Bigleaf maple); SN (Snag). For "leave trees", add an "L" to the species code (such as DL, HL, CL, etc.).

B. Sort: Use code "1" (Domestic).

C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull
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Grade oversized 3-SAW (DIB ≥ 12", knots > 2½" inside scaling cylinder affecting > 50% of log)

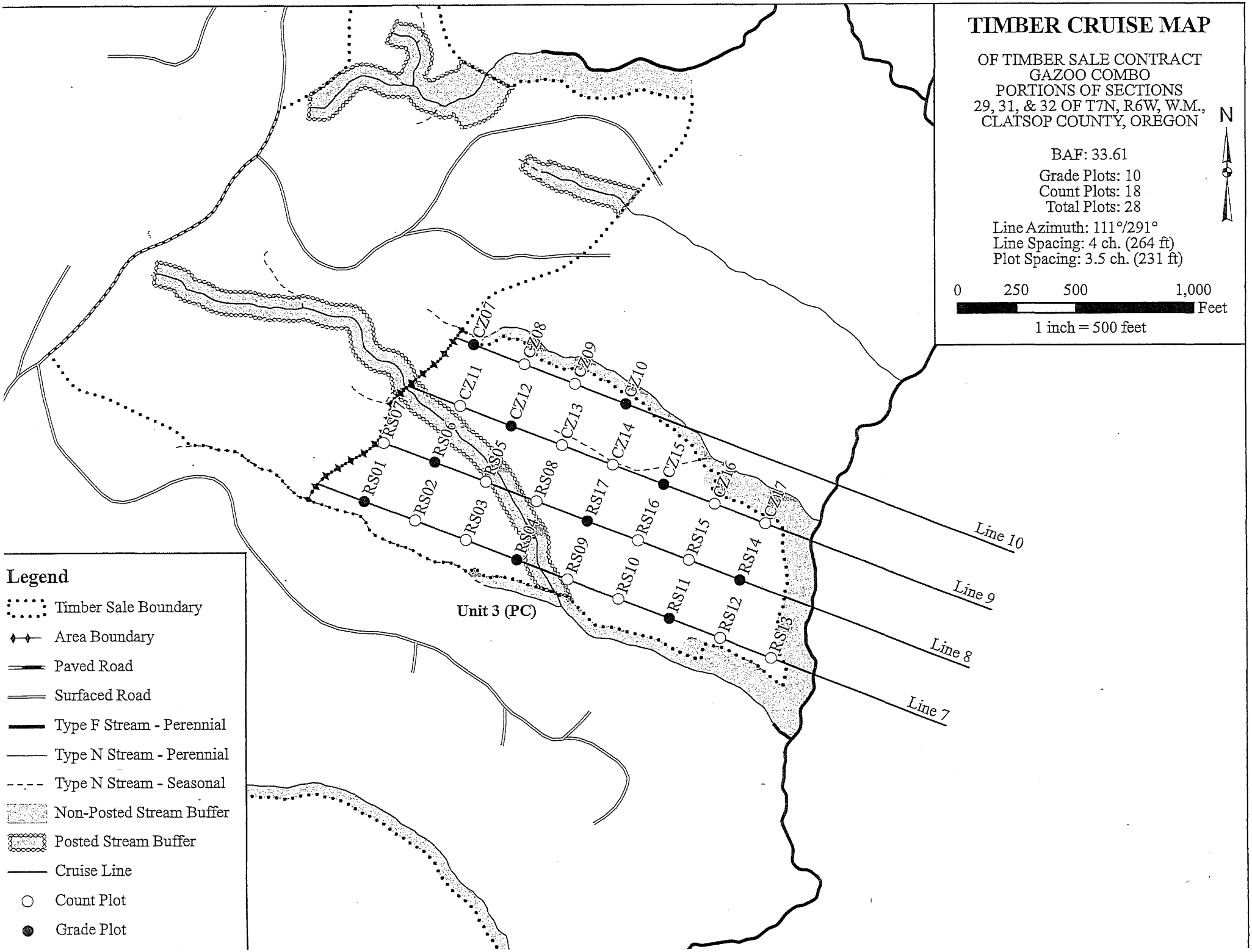
7. **Deductions:** Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.

8. **Standard Field Procedures:** Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On each yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at inter-visible points, not to exceed 100' apart. On "measure/grade" plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.

9. **Cruising Equipment:** Relaskop, Rangefinder, Logger's Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint, Permanent Marker.

10. **Attachments:** A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.)

Cruise Design by: John Czarnecki
Approved by: [signature]
Date: 2/18/25


TIMBER CRUISE MAP
OF TIMBER SALE CONTRACT
GAZOO COMBO
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Feet
1 inch = 500 feet
Legend
Timber Sale Boundary
Area Boundary
Paved Road
Surfaced Road
Type F Stream - Perennial
Type N Stream - Perennial
Type N Stream - Seasonal
Non-Posted Stream Buffer
Posted Stream Buffer
Cruise Line
Count Plot
Grade Plot
Unit 3 (PC)
Line 10
Line 9
Line 8
Line 7
CZ07
CZ08
CZ09
CZ10
CZ11
CZ12
CZ13
CZ14
CZ15
CZ16
CZ17
RS07
RS06
RS05
RS08
RS17
RS16
RS15
RS14
RS01
RS02
RS03
RS04
RS09
RS10
RS11
RS12
RS13

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP | Lths and Dias: ACI-2023 | Species: CLATSOP | Page: 1/1

Project: GAZOO | # Plots: 272 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 : U4 | # Trees: 1850 | Grade: ODF-C.CUT | Cruised:

Stand: 00CC : TKPC | # Meas Trees: 735 | Price: ACI-2018 | Grown:

Acres: 169.00 | # Count Trees: 1115 | Cost: ACI-2023 | Edited:

				BdFt per Acre				Percent (%) of Net BdFt Volume															Average Log				
								Log Scale Dia								Log Length												
Species	Stat	Srt	Grd	% Net BdFt	% Def	Gross	Net	Total Net Mbf	2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	Logs /Acre
D		DO	2S	86.4	0.7	25,549	25,378	4,289			0	41	48	9	1			0	0	0	2	0	97	39	17.1	462	2.5	54.987
D		DO	3S	12.2	1.8	3,657	3,590	607		8	80	1	1	9				3	7	6	13	10	61	34	9.6	112	1.0	31.909
D		DO	4S	1.4	0.0	407	407	69		49	51						5	61	25	10				20	7.7	32	0.6	12.709
D		**Totals**		**100.0**	**1.0**	**29,614**	**29,375**	**4,964**		**2**	**11**	**36**	**42**	**9**	**1**			**2**	**2**	**1**	**3**	**1**	**91**	**35**	**13.5**	**295**	**1.9**	**99.604**
A		DO	1S	40.7	3.4	963	931	157				100							20	28	8		43	32	13.4	192	1.6	4.860
A		DO	2S	11.0	2.8	259	252	43			100								69	30	1			26	11.1	105	1.1	2.410
A		DO	3S	18.2		416	416	70		2	98								6	17	16	8	52	34	9.6	108	0.9	3.844
A		DO	4S	30.2	0.0	691	691	117		100							2	29	17	7	11	18	17	26	7.2	40	0.6	17.417
A		**Totals**		**100.0**	**2.0**	**2,330**	**2,290**	**387**		**31**	**29**	**41**					**1**	**9**	**22**	**20**	**10**	**7**	**32**	**28**	**8.9**	**80**	**0.9**	**28.531**
H		DO	2S	74.1	0.9	5,989	5,934	1,003				59	39	2				1	0	1	12	0	87	38	15.9	367	2.2	16.186
H		DO	3S	20.3	0.7	1,639	1,627	275		21	75	4						2	6	4	20	9	59	35	8.9	92	0.8	17.593
H		DO	4S	5.5	0.2	445	444	75		72	28						4	47	48	1				20	7.3	28	0.5	15.677
H		**Totals**		**100.0**	**1.0**	**8,073**	**8,006**	**1,353**		**8**	**17**	**45**	**29**	**1**				**4**	**4**	**2**	**13**	**2**	**76**	**32**	**10.7**	**162**	**1.3**	**49.455**
S		DO	3S	100.0		51	51	9				2	98								98		2	32	18.8	429	2.9	.119
S		DO	4S	0.0																					0.0			.000
S		**Totals**		**100.0**		**51**	**51**	**9**				**2**	**98**								**98**		**2**	**32**	**18.8**	**429**	**2.9**	**0.119**
M		DO	2S	100.0	9.1	1	1				100									100				30	10.3	100	1.7	.013
M		**Totals**		**100.0**	**9.0**	**1**	**1**				**100**									**100**				**30**	**10.3**	**100**	**1.7**	**0.013**
C		DO	2S	100.0	1.5	6	6	1				29	71						13				87	34	16.6	427	2.8	.014
C		**Totals**		**100.0**	**1.0**	**6**	**6**	**1**				**29**	**71**						**13**				**87**	**34**	**16.6**	**427**	**2.8**	**0.014**
Totals All Species				**100.0**	**1.0**	**40,075**	**39,729**	**6,714**		**5**	**13**	**38**	**37**	**7**	**1**			**2**	**3**	**2**	**6**	**2**	**84**	**33**	**12.0**	**224**	**1.6**	**177.737**

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP | Lths and Dias: ACI-2023 | Species: CLATSOP | Page: 2/6

Project: GAZOO | # Plots: 44 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 | # Trees: 217 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: TKPC | # Meas Trees: 79 | Price: ACI-2018 | Grown:

Acres: 76.00 | # Count Trees: 138 | Cost: ACI-2023 | Edited: 03/25/2025

Species	Stat	Srt	Grd	% Net BdFt	BdFt per Acre			Total Net Mbf	Percent (%) of Net BdFt Volume																Average Log				Logs /Acre
									Log Scale Dia								Log Length													
					% Def	Gross	Net		2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	
D		DO	2S	87.4	0.6	25,530	25,366	1,928				49	47	4						1	0	99			39	16.7	434	2.4	58.439
D		DO	3S	11.3		3,274	3,274	249		9	91							2		6	4	15	12	61	35	9.3	104	0.9	31.609
D		DO	4S	1.4		396	396	30		43	57						5	65		22	9				20	8.0	33	0.6	12.085
D		**Totals**		**100.0**	**1.0**	**29,200**	**29,036**	**2,207**		**2**	**11**	**43**	**41**	**4**				**1**		**1**	**1**	**2**	**2**	**93**	**36**	**13.4**	**284**	**1.8**	**102.133**
H		DO	2S	68.4	1.3	5,231	5,161	392				69	31									12		88	38	15.2	325	2.0	15.897
H		DO	3S	23.7	1.3	1,813	1,790	136		25	75									10	3	25	5	57	35	8.6	80	0.7	22.261
H		DO	4S	7.9	0.0	598	598	45		78	22							29		71					23	7.2	30	0.4	19.787
H		**Totals**		**100.0**	**1.0**	**7,642**	**7,549**	**574**		**12**	**20**	**47**	**21**					**2**		**8**	**1**	**14**	**1**	**74**	**32**	**9.9**	**130**	**1.1**	**57.946**
A		DO	1S	44.8	1.9	1,031	1,011	77				100								17	32	16		36	32	13.3	184	1.6	5.494
A		DO	2S	13.2	4.7	313	298	23			100									50	50				27	11.4	113	1.2	2.635
A		DO	3S	19.5		441	441	34			100													100	40	9.2	120	0.8	3.673
A		DO	4S	22.4		507	507	38		100							7	39		12	19	23			23	7.2	34	0.5	14.936
A		**Totals**		**100.0**	**1.0**	**2,291**	**2,257**	**172**		**22**	**33**	**45**					**2**	**9**		**17**	**25**	**12**		**35**	**28**	**9.1**	**84**	**0.9**	**26.739**
Totals All Species				**100.0**	**1.0**	**39,133**	**38,842**	**2,952**		**5**	**14**	**44**	**35**	**3**				**2**		**3**	**2**	**5**	**1**	**86**	**34**	**11.7**	**208**	**1.5**	**186.817**

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP | Lths and Dias: ACI-2023 | Species: CLATSOP | Page: 1/6

Project: GAZOO | # Plots: 44 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 | # Trees: 370 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: GSPC | # Meas Trees: 143 | Price: ACI-2018 | Grown:

Acres: 6.00 | # Count Trees: 227 | Cost: ACI-2023 | Edited: 03/25/2025

Species	Stat	Srt	Grd	% Net BdFt	BdFt per Acre			Total Net Mbf	Percent (%) of Net BdFt Volume																Average Log				Logs /Acre
									Log Scale Dia								Log Length													
					% Def	Gross	Net		2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	
D		DO	2S	85.3	0.7	46,090	45,762	275				37	51	11	1			0		1	0	2	0	97	39	17.5	492	2.6	93.102
D		DO	3S	13.7	0.5	7,392	7,352	44		6	67	2	11	15				4		5	3	8	8	72	34	10.1	138	1.1	53.136
D		DO	4S	0.9	0.0	508	508	3		48	52						3	58		32	7				21	7.9	33	0.6	15.262
D		**Totals**		**100.0**	**1.0**	**53,990**	**53,622**	**322**		**1**	**10**	**32**	**45**	**11**	**1**			**1**		**1**	**1**	**3**	**1**	**92**	**36**	**14.2**	**332**	**2.0**	**161.500**
H		DO	2S	72.5	1.4	10,437	10,295	62				53	47							1	1	8		89	38	15.8	363	2.2	28.390
H		DO	3S	20.8	1.4	2,997	2,955	18		16	84							1		11	13	18	6	52	34	9.2	94	0.8	31.577
H		DO	4S	6.7	2.3	968	946	6		77	23							44		45	11				22	7.4	31	0.5	30.200
H		**Totals**		**100.0**	**1.0**	**14,401**	**14,195**	**85**		**8**	**19**	**39**	**34**					**3**		**6**	**4**	**9**	**1**	**76**	**32**	**10.7**	**157**	**1.3**	**90.168**
A		DO	1S	44.8	1.9	1,031	1,011	6				100								17	32	16		36	32	13.3	184	1.6	5.494
A		DO	2S	13.2	4.7	313	298	2			100									50	50				27	11.4	113	1.2	2.635
A		DO	3S	19.5		441	441	3			100													100	40	9.2	120	0.8	3.673
A		DO	4S	22.4		507	507	3		100							7	39		12	19	23			23	7.2	34	0.5	14.936
A		**Totals**		**100.0**	**1.0**	**2,291**	**2,257**	**14**		**22**	**33**	**45**					**2**	**9**		**17**	**25**	**12**		**35**	**28**	**9.1**	**84**	**0.9**	**26.739**
M		DO	2S	100.0	9.1	32	29				100										100				30	10.3	100	1.7	.289
M		**Totals**		**100.0**	**9.0**	**32**	**29**				**100**										**100**				**30**	**10.3**	**100**	**1.7**	**0.289**
C		DO	2S	100.0	1.5	133	131	1				29	71							13				87	34	16.6	427	2.8	.308
C		**Totals**		**100.0**	**1.0**	**133**	**131**	**1**				**29**	**71**							**13**				**87**	**34**	**16.6**	**427**	**2.8**	**0.308**
Totals All Species				**100.0**	**1.0**	**70,847**	**70,234**	**421**		**3**	**12**	**34**	**42**	**9**				**2**		**3**	**2**	**4**	**1**	**87**	**34**	**12.6**	**252**	**1.7**	**279.003**

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County:
Project: GAZOO
Tract: U2
Stand: 00CC
Acres: 51.00

Lths and Dias: ACI-2023
Plots: 28
Trees: 162
Meas Trees: 73
Count Trees: 89

Species: CLATSOP
Sort: ODF-C.CUT
Grade: ODF-C.CUT
Price: ACI-2018
Cost: ACI-2023

Date: 04/25/2025
Cruised: 03/01/2025
Grown:
Edited: 04/24/2025

Species	Stat	Srt	Grd	% Net BdFt	BdFt per Acre % Def	BdFt per Acre Gross	BdFt per Acre Net	Total Net Mbf	Percent (%) of Net BdFt Volume: Log Scale Dia 2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	Log Length 12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Average Log Len (Ft)	Dia (In)	BdFt	CuFt / Len	Logs /Acre
A		DO	1S	34.5	6.4	1,033	967	49				100							19	20			62	30	13.4	199	1.7	4.865
A		DO	2S	6.9		194	194	10			100								100					26	10.6	90	0.9	2.159
A		DO	3S	15.4	0.0	433	433	22			100									48	52			31	10.6	115	1.0	3.761
A		DO	4S	43.1		1,207	1,207	62		100								25	19		4	29	22	27	7.2	44	0.6	27.559
A			**Totals**	**100.0**	**2.0**	**2,867**	**2,801**	**143**		**43**	**22**	**35**						**11**	**22**	**14**	**10**	**13**	**31**	**28**	**8.5**	**73**	**0.8**	**38.344**
D		DO	2S	87.4	0.6	28,509	28,324	1,445				31	47	18	4			1	1		5	1	93	38	17.5	496	2.8	57.100
D		DO	3S	11.2	5.0	3,824	3,632	185		9	66			25				4	12	10	16	5	53	31	10.0	118	1.1	30.671
D		DO	4S	1.4	0.0	444	444	23		36	64							55	29	15				21	7.8	34	0.6	13.162
D			**Totals**	**100.0**	**1.0**	**32,777**	**32,400**	**1,652**		**2**	**8**	**27**	**41**	**18**	**4**			**2**	**2**	**1**	**6**	**1**	**87**	**34**	**14.0**	**321**	**2.1**	**100.933**
H		DO	2S	89.3	0.7	6,773	6,727	343				42	53	5				2		2	18		78	37	17.1	435	2.6	15.472
H		DO	3S	8.0		601	601	31		43	18	39						18			39	43		31	8.6	79	0.8	7.594
H		DO	4S	2.8		208	208	11		25	75	-					25	75						15	7.5	22	0.6	9.541
H			**Totals**	**100.0**	**1.0**	**7,582**	**7,536**	**384**		**4**	**3**	**41**	**47**	**4**			**1**	**6**		**2**	**19**	**3**	**70**	**29**	**12.3**	**231**	**1.8**	**32.607**
S		DO	3S	100.0		167	167	8					100								100			32	18.8	430	2.9	.387
S		DO	4S	0.0																					0.0		.000
S			**Totals**	**100.0**		**167**	**167**	**8**					**100**								**100**			**32**	**18.8**	**430**	**2.9**	**0.387**
Totals All Species				**100.0**	**1.0**	**43,392**	**42,903**	**2,188**		**5**	**8**	**30**	**40**	**15**	**3**			**4**	**3**	**2**	**9**	**2**	**80**	**32**	**12.5**	**249**	**1.8**	**172.271**

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP | Lths and Dias: ACI-2023 | Species: CLATSOP | Page: 4/6

Project: GAZOO | # Plots: 28 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U3 | # Trees: 226 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: GSPC | # Meas Trees: 87 | Price: ACI-2018 | Grown:

Acres: 1.00 | # Count Trees: 139 | Cost: ACI-2023 | Edited: 03/20/2025

Species	Stat	Srt	Grd	% Net BdFt	BdFt per Acre			Total Net Mbf	Percent (%) of Net BdFt Volume																Average Log				Logs /Acre
									Log Scale Dia								Log Length								Len (Ft)	Dia (In)	BdFt	CuFt / Len	
					% Def	Gross	Net		2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+					
D		DO	2S	82.2	0.8	32,371	32,109	32				37	57	4	2				0		6	0	94	39	17.7	495	2.7	64.926
D		DO	3S	16.7	2.4	6,693	6,535	7		4	68	10	10	7				5	2	3	6	16	68	35	10.1	135	1.1	48.256
D		DO	4S	1.0	0.0	401	401			93	7						15	63	22					18	7.0	27	0.5	14.771
D		**Totals**		**100.0**	**1.0**	**39,464**	**39,045**	**39**		**2**	**12**	**32**	**49**	**4**	**1**			**1**	**1**		**6**	**3**	**89**	**35**	**13.6**	**305**	**1.9**	**127.954**
H		DO	2S	67.6	0.1	11,175	11,164	11				74	26						2		2	2	95	39	15.1	338	2.0	33.044
H		DO	3S	27.6	0.0	4,555	4,555	5		8	92								4	5	21	2	69	35	10.0	125	0.9	36.473
H		DO	4S	4.8	0.0	793	793	1		87	13							81	19					19	7.3	29	0.5	27.569
H		**Totals**		**100.0**		**16,524**	**16,512**	**17**		**6**	**26**	**50**	**18**					**4**	**3**	**1**	**7**	**2**	**83**	**32**	**11.0**	**170**	**1.3**	**97.086**
A		DO	1S	42.9	1.7	682	670	1				100							30	38			32	31	13.8	207	1.7	3.238
A		DO	2S	13.3		209	209				100								100					24	11.2	100	1.0	2.085
A		DO	3S	21.9		343	343			12	88								36	12		51		29	9.2	76	0.8	4.526
A		DO	4S	21.8		341	341			100								7	21			22	50	31	6.8	45	0.6	7.651
A		**Totals**		**100.0**	**1.0**	**1,574**	**1,563**	**2**		**25**	**33**	**43**						**1**	**39**	**19**		**16**	**25**	**30**	**9.2**	**89**	**0.9**	**17.500**
Totals All Species				**100.0**	**1.0**	**57,562**	**57,120**	**57**		**4**	**16**	**38**	**38**	**3**	**1**			**2**	**3**	**1**	**6**	**3**	**85**	**34**	**12.2**	**236**	**1.6**	**242.540**

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP | Lths and Dias: ACI-2023 | Species: CLATSOP | Page: 5/6

Project: GAZOO | # Plots: 28 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U3 | # Trees: 116 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: TKPC | # Meas Trees: 49 | Price: ACI-2018 | Grown:

Acres: 31.00 | # Count Trees: 67 | Cost: ACI-2023 | Edited: 04/24/2025

				BdFt per Acre			Total	Percent (%) of Net BdFt Volume														Average Log				
								Log Scale Dia								Log Length												
Species	Stat	Srt	Grd	% Net BdFt	% Def	Gross	Net	Mbf	2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	Logs /Acre
D		DO	2S	80.8	0.8	14,770	14,648	454				44	53	3					1		1		99		39	17.0	455	2.5	32.167
D		DO	3S	17.3	0.7	3,148	3,125	97		6	91	3						3	3	5	6	15	68		36	9.5	111	0.9	28.105
D		DO	4S	1.9		344	344	11		93	7						15	63	22						18	7.0	27	0.5	12.602
D			**Totals**	**100.0**	**1.0**	**18,262**	**18,118**	**562**		**3**	**16**	**36**	**43**	**2**				**2**	**1**	**1**	**2**	**3**	**92**		**35**	**12.4**	**249**	**1.6**	**72.874**
A		DO	1S	42.9	1.7	682	670	21				100							30	38			32		31	13.8	207	1.7	3.238
A		DO	2S	13.3		209	209	6			100								100						24	11.2	100	1.0	2.085
A		DO	3S	21.9		343	343	11		12	88								36	12		51			29	9.2	76	0.8	4.526
A		DO	4S	21.8		341	341	11		100								7	21			22	50		31	6.8	45	0.6	7.651
A			**Totals**	**100.0**	**1.0**	**1,574**	**1,563**	**48**		**25**	**33**	**43**						**1**	**39**	**19**		**16**	**25**		**30**	**9.2**	**89**	**0.9**	**17.500**
H		DO	2S	64.6	0.2	4,950	4,939	153				74	26										100		40	15.4	363	2.1	13.605
H		DO	3S	31.4		2,401	2,401	74		9	91									6	4	3	87		37	9.9	133	1.0	18.006
H		DO	4S	4.1	0.0	312	312	10		86	14							100							18	7.2	28	0.5	11.340
H			**Totals**	**100.0**		**7,662**	**7,652**	**237**		**6**	**29**	**48**	**17**					**4**		**2**	**1**	**1**	**92**		**33**	**11.0**	**178**	**1.3**	**42.951**
Totals All Species				**100.0**	**1.0**	**27,499**	**27,333**	**847**		**5**	**21**	**40**	**33**	**1**				**2**	**3**	**2**	**1**	**3**	**88**		**34**	**11.5**	**205**	**1.5**	**133.326**

Species, Sort, Grade - Mbf by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP | Lths and Dias: ACI-2023 | Species: CLATSOP | Page: 6/6

Project: GAZOO | # Plots: 100 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U4 | # Trees: 759 | Grade: ODF-C.CUT | Cruised: 04/24/2025

Stand: RW | # Meas Trees: 304 | Price: ACI-2018 | Grown:

Acres: 4.00 | # Count Trees: 455 | Cost: ACI-2023 | Edited: 04/24/2025

				BdFt per Acre				Percent (%) of Net BdFt Volume														Average Log				
								Log Scale Dia								Log Length											
Species	Stat	Srt	Grd	% Net BdFt	% Def	Gross	Net	Total Net Mbf	2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	Logs /Acre
D		DO	2S	85.3	0.7	39,226	38,947	156			0	36	52	10	2			0	1	0	3	0	95	38	17.5	489	2.6	79.637
D		DO	3S	13.7	1.9	6,379	6,256	25		6	66	4	9	14				5	6	4	8	10	68	34	10.1	133	1.1	46.934
D		DO	4S	1.0	0.0	477	477	2		57	43						6	59	28	7				20	7.6	31	0.5	15.281
D		**Totals**		**100.0**	**1.0**	**46,082**	**45,680**	**183**		**1**	**10**	**31**	**45**	**11**	**1**			**2**	**2**	**1**	**4**	**2**	**90**	**35**	**14.0**	**322**	**2.0**	**141.852**
H		DO	2S	74.2	0.7	10,463	10,388	42				58	41	1				1	1	1	8	1	89	38	15.8	368	2.2	28.253
H		DO	3S	20.7	0.5	2,921	2,905	12		14	86							2	6	7	18	7	60	35	9.5	106	0.9	27.467
H		DO	4S	5.1	1.1	720	711	3		75	25						3	62	30	5				20	7.4	29	0.5	24.652
H		**Totals**		**100.0**	**1.0**	**14,103**	**14,004**	**56**		**7**	**19**	**43**	**30**	**1**				**4**	**4**	**3**	**9**	**2**	**78**	**32**	**11.0**	**174**	**1.4**	**80.372**
A		DO	1S	40.2	3.4	953	920	4				100							27	23	7		43	31	13.5	193	1.6	4.772
A		DO	2S	16.8	1.5	390	384	2			100								49	33	18			27	11.0	107	1.0	3.589
A		DO	3S	12.6	0.0	287	287	1		5	95								14	5		20	61	34	9.2	98	0.8	2.937
A		DO	4S	30.5	0.0	697	697	3		100							2	26	18	6	9	19	20	26	7.2	41	0.6	17.102
A		**Totals**		**100.0**	**2.0**	**2,326**	**2,288**	**9**		**31**	**29**	**40**					**1**	**8**	**26**	**17**	**9**	**8**	**31**	**28**	**8.9**	**81**	**0.9**	**28.400**
M		DO	2S	100.0	9.1	14	13				100									100				30	10.3	100	1.7	.127
M		**Totals**		**100.0**	**9.0**	**14**	**13**				**100**									**100**				**30**	**10.3**	**100**	**1.7**	**0.127**
S		DO	3S	100.0		43	43					100											100	40	16.6	400	2.8	.108
S		**Totals**		**100.0**		**43**	**43**					**100**											**100**	**40**	**16.6**	**400**	**2.8**	**0.108**
C		DO	2S	100.0	1.5	59	58					29	71						13				87	34	16.6	427	2.8	.135
C		**Totals**		**100.0**	**1.0**	**59**	**58**					**29**	**71**						**13**				**87**	**34**	**16.6**	**427**	**2.8**	**0.135**
Totals All Species				**100.0**	**1.0**	**62,627**	**62,086**	**248**		**4**	**13**	**34**	**40**	**8**	**1**			**2**	**3**	**2**	**5**	**2**	**85**	**33**	**12.5**	**247**	**1.7**	**250.995**

Statistics of Sampled Population

State, County: OR CLATSOP	Lths: ACI-2023	Species: CLATSOP	Page: 1/3
Project: GAZOO	#Plots 44	Sort: ODF-C.CUT	Date: 04/25/2025
Tract: U1	# Trees: 375	Grade: ODF-C.CUT	Cruised: 02/01/2025
Stand: PC	# Measured Trees: 146	Price: ACI-2018	Grown To:
Acres: 76.00	# Count Trees: 229	Cost: ACI-2023	Edited: 04/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	20	146	7.30	46.859	3,561	4.10
Basal DBH Count Plots (B)	24	229	9.54	77.313	5,875	3.90

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		54	25.3	142	36.011	125.45	24.95	68.5	10.8	162	66.96	29.469	5,089	2,240
WHEMLOCK		14	16.7	83	33.923	51.82	12.67	65.9	12.7	54	20.79	7.684	1,580	584
DOUGLEAV		44	31.5	149	17.843	96.36	17.18	35.4	5.5	127	52.57	25.020	3,995	1,902
R ALDER		12	15.8	67	16.090	21.82	5.49	66.0	19.9	17	6.76	2.257	514	172
HEMLEAV		16	21.2	91	15.512	38.18	8.28	47.9	8.8	42	16.04	6.378	1,219	485
MAPLELV		1	24.0	37	0.289	0.91	0.19				0.15	.029	11	2
CEDLEAV		2	40.0	137	0.209	1.82	0.29			2	0.85	.403	64	31
		143	22.7	109	119.876	336.36	69.05	36.0	5.4	403	164.11	71.240	12,472	5,414

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	36.00	5.43	67.37	71.24	75.11	51	12	5	5,120	5,414	5,708
Net Ccf (100 CuFt)	1.00	68.26	34.95	5.27	155.46	164.11	172.75	48	12	5	11,815	12,472	13,129
Net Tons	1.00	68.26	34.82	5.25	382.11	403.28	424.46	48	12	5	29,041	30,650	32,259
Basal Area	1.00	68.26	31.66	4.77	324.64	340.91	357.18	40	10	4			
Trees	1.00	68.26	45.82	6.91	115.59	124.17	132.75	83	20	9			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	69.90	4.54	824	864	903	195	48	21
Sample Trees CF	1.00	68.26	61.15	3.97	183	191	198	149	37	16

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	3	4	4
Required Measured Trees per Plot - CuFt per Acre	3	3	3

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 2/3

Project: GAZOO | #Plots 28 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U2 | # Trees: 162 | Grade: ODF-C.CUT | Cruised: 03/01/2025

Stand: CC | # Measured Trees: 73 | Price: ACI-2018 | Grown To:

Acres: 51.00 | # Count Trees: 89 | Cost: ACI-2023 | Edited: 04/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	14	73	5.21	41.963	2,140	3.41
Basal DBH Count Plots (B)	14	89	6.36	42.493	2,167	4.11

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		43	27.8	126	36.714	154.29	29.28	56.1	10.8	175	72.53	32.418	3,699	1,653
R ALDER		13	14.1	55	27.559	30.00	7.98	39.2	14.8	22	8.69	2.801	443	143
WHEMLOCK		14	20.2	74	17.974	40.00	8.90	50.6	12.3	46	17.73	7.582	904	387
SNAG		2	24.0	96	1.821	5.71	1.17				0.00	.000		
S SPRUCE		1	26.0	76	0.387	1.43	0.28			1	0.45	.209	23	11
		73	22.4	91	84.456	231.43	47.61	44.0	8.3	244	99.40	43.010	5,069	2,193

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	43.96	8.31	39.44	43.01	46.58	77	19	8	2,011	2,193	2,376
Net Ccf (100 CuFt)	1.00	68.26	43.35	8.19	91.26	99.40	107.54	75	18	8	4,654	5,069	5,485
Net Tons	1.00	68.26	42.88	8.10	224.25	244.02	263.79	73	18	8	11,437	12,445	13,453
Basal Area	1.00	68.26	45.69	8.64	211.44	231.43	251.41	83	20	9			
Trees	1.00	68.26	76.58	14.47	72.23	84.46	96.68	234	58	26			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	78.34	7.80	760	824	889	245	61	27
Sample Trees CF	1.00	68.26	69.93	6.96	169	182	195	195	48	21

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	3	3	3
Required Measured Trees per Plot - CuFt per Acre	2	2	2

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 3/3

Project: GAZOO | #Plots 28 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U3 | # Trees: 226 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: PC | # Measured Trees: 87 | Price: ACI-2018 | Grown To:

Acres: 31.00 | # Count Trees: 139 | Cost: ACI-2023 | Edited: 04/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	10	87	8.70	39.181	1,214	7.17
Basal DBH Count Plots (B)	18	139	7.72	58.013	1,798	7.73

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		29	23.6	129	27.244	82.82	17.05	64.1	14.3	104	43.13	18.659	1,337	578
HEMLEAV		12	19.9	113	19.996	43.21	9.69	53.4	11.6	56	21.70	8.905	673	276
WHEMLOCK		13	20.9	113	16.580	39.61	8.66	61.7	16.5	49	18.99	7.652	589	237
DOUGLEAV		24	31.1	150	16.185	85.23	15.29	35.0	6.6	108	44.55	20.766	1,381	644
R ALDER		7	15.3	69	12.177	15.60	3.99	35.2	11.1	12	4.71	1.563	146	48
SNAG		2	13.3	65	5.013	4.80	1.32	81.6	40.8		0.43	.122	13	4
		87	22.6	116	97.194	271.28	55.98	45.5	8.6	329	133.50	57.667	4,139	1,788

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	45.46	8.59	52.71	57.67	62.62	82	20	9	1,634	1,788	1,941
Net Ccf (100 CuFt)	1.00	68.26	46.13	8.72	121.87	133.50	145.14	85	21	9	3,778	4,139	4,499
Net Tons	1.00	68.26	46.13	8.72	300.60	329.31	358.02	85	21	9	9,319	10,209	11,099
Basal Area	1.00	68.26	43.96	8.31	248.75	271.28	293.82	77	19	8			
Trees	1.00	68.26	47.34	8.95	88.50	97.19	105.89	89	22	9			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	66.26	5.43	746	789	832	175	43	19
Sample Trees CF	1.00	68.26	57.57	4.72	169	177	185	132	33	14

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	2	2	2
Required Measured Trees per Plot - CuFt per Acre	1	1	1

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 1/1

Project: GAZOO | #Plots 272 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 : U4 | # Trees: 1850 | Grade: ODF-C.CUT | Cruised:

Stand: 00CC : TKPC | # Measured Trees: 735 | Price: ACI-2018 | Grown To:

Acres: 169.00 | # Count Trees: 1115 | Cost: ACI-2023 | Edited:

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	115	735	6.39	33.740	5,702	12.89
Basal DBH Count Plots (B)	153	1,112	7.27	47.297	7,993	13.91
Basal Count Plots (B)	1	3	3.00	.000		.00
Blank Plots (B)	4		.00	.000		.00

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		471	26.2	135	34.758	130.48	25.47	159.5	9.9	160	66.23	29.380	11,192	4,965
WHEMLOCK		163	18.3	85	26.174	47.73	11.16	156.7	11.6	53	20.39	8.020	3,446	1,355
R ALDER		83	15.0	62	18.880	23.14	5.98	167.3	19.1	17	6.96	2.290	1,176	387
SNAG		6	19.5	74	1.082	2.25	0.51				0.00	.000		
S SPRUCE		2	26.0	76	0.119	0.44	0.09	136.9	96.8		0.14	.064	23	11
BL MAPLE		2	24.0	37	0.013	0.04	0.01	77.3	54.6		0.01	.001	1	
WR CEDAR		4	40.0	137	0.010	0.08	0.01	77.3	54.6		0.01	.006	2	1
		731	21.5	101	81.037	204.17	43.23	146.1	8.9	231	93.73	39.762	15,840	6,720

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	146.11	8.86	36.24	39.76	43.28	853	213	94	6,124	6,720	7,315
Net Ccf (100 CuFt)	1.00	68.26	144.96	8.79	85.49	93.73	101.97	840	210	93	14,448	15,840	17,233
Net Tons	1.00	68.26	144.52	8.76	210.49	230.71	250.92	835	208	92	35,573	38,989	42,406
Basal Area	1.00	68.26	145.37	8.81	186.77	204.83	222.88	845	211	93			
Trees	1.00	68.26	165.18	10.02	72.92	81.04	89.15	1,091	272	121			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	70.03	2.05	758	774	790	196	49	21
Sample Trees CF	1.00	68.26	60.99	1.78	170	174	177	148	37	16

Trees per Plot	Number Required
Required Measured Trees per Plot - BdFt per Acre	
Required Measured Trees per Plot - CuFt per Acre	

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 1/2

Project: GAZOO | #Plots 44 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 | # Trees: 152 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: LVPC | # Measured Trees: 66 | Price: ACI-2018 | Grown To:

Acres: 76.00 | # Count Trees: 86 | Cost: ACI-2023 | Edited: 03/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	20	66	3.30	16.391	1,245	5.30
Basal DBH Count Plots (B)	23	86	3.74	21.084	1,602	5.37
Blank Plots (B)	1		.00	.000		.00

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUGLEAV		44	31.5	149	17.170	92.73	16.53	36.4	5.7	122	50.58	24.076	3,844	1,830
HEMLEAV		16	21.2	91	15.512	38.18	8.28	52.1	9.4	42	16.04	6.378	1,219	485
MAPLELV		1	24.0	37	0.289	0.91	0.19				0.15	.029	11	2
CEDLEAV		2	40.0	137	0.209	1.82	0.29			2	0.85	.403	64	31
		63	27.2	121	33.180	133.64	25.29	28.4	4.3	166	67.62	30.885	5,139	2,347

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	28.42	4.28	29.56	30.89	32.21	32	8	3	2,247	2,347	2,448
Net Ccf (100 CuFt)	1.00	68.26	26.02	3.92	64.97	67.62	70.27	27	6	3	4,937	5,139	5,341
Net Tons	1.00	68.26	25.56	3.85	159.46	165.85	172.24	26	6	2	12,119	12,604	13,090
Basal Area	1.00	68.26	22.03	3.32	133.59	138.18	142.77	19	4	2			
Trees	1.00	68.26	40.11	6.05	35.21	37.48	39.74	64	16	7			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	62.26	5.91	1,032	1,097	1,162	155	38	17
Sample Trees CF	1.00	68.26	55.73	5.29	222	235	247	124	31	13

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	4	4	5
Required Measured Trees per Plot - CuFt per Acre	4	5	4

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 2/2

Project: GAZOO | #Plots 28 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U3 | # Trees: 112 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: LVPC | # Measured Trees: 38 | Price: ACI-2018 | Grown To:

Acres: 31.00 | # Count Trees: 74 | Cost: ACI-2023 | Edited: 03/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	10	38	3.80	14.643	453	8.39
Basal DBH Count Plots (B)	18	73	4.06	26.551	823	8.87
Basal Count Plots (B)	1	1	1.00	.000		.00

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
HEMLEAV		12	19.9	113	19.996	43.21	9.69	53.4	11.6	56	21.70	8.905	673	276
DOUGLEAV		24	31.1	150	16.185	85.23	15.29	34.5	6.5	111	45.77	21.389	1,419	663
SNAG		2	13.3	65	5.013	4.80	1.32	39.6	19.8		1.35	.474	42	15
		38	24.4	122	41.194	133.24	26.29	21.4	4.0	167	68.82	30.768	2,133	954

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	21.37	4.04	29.53	30.77	32.01	18	4	2	915	954	992
Net Ccf (100 CuFt)	1.00	68.26	22.95	4.34	65.84	68.82	71.81	21	5	2	2,041	2,133	2,226
Net Tons	1.00	68.26	22.52	4.26	159.86	166.96	174.07	20	5	2	4,956	5,176	5,396
Basal Area	1.00	68.26	25.62	4.84	128.17	134.69	141.21	26	6	2			
Trees	1.00	68.26	49.31	9.32	37.35	41.19	45.03	97	24	10			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	61.36	7.13	904	973	1,042	150	37	16
Sample Trees CF	1.00	68.26	54.22	6.30	199	212	225	117	29	13

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	8	9	8
Required Measured Trees per Plot - CuFt per Acre	5	5	6

Statistics of Sampled Population

State, County:	OR CLATSOP	Lths: ACI-2023	Species: CLATSOP	Page:	2/6
Project:	GAZOO	#Plots 44	Sort: ODF-C.CUT	Date:	04/25/2025
Tract:	U1	# Trees: 217	Grade: ODF-C.CUT	Cruised:	02/01/2025
Stand:	TKPC	# Measured Trees: 79	Price: ACI-2018	Grown To:	
Acres:	76.00	# Count Trees: 138	Cost: ACI-2023	Edited:	03/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	18	79	4.39	30.500	2,317	3.41
Basal DBH Count Plots (B)	25	138	5.52	54.261	4,123	3.35
Blank Plots (B)	1		.00	.000		.00

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		52	25.7	143	34.357	123.64	24.39	69.6	11.0	159	65.73	29.036	4,995	2,207
WHEMLOCK		14	16.7	83	33.327	50.91	12.44	69.2	13.3	53	20.42	7.549	1,552	574
R ALDER		12	15.8	67	16.090	21.82	5.49	66.0	19.9	17	6.76	2.257	514	172
		78	20.7	105	83.774	196.36	42.33	60.3	9.1	229	92.91	38.842	7,061	2,952

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	60.34	9.10	35.31	38.84	42.38	145	36	16	2,684	2,952	3,221
Net Ccf (100 CuFt)	1.00	68.26	58.11	8.76	84.77	92.91	101.05	135	33	15	6,443	7,061	7,680
Net Tons	1.00	68.26	57.74	8.70	208.82	228.73	248.64	133	33	14	15,870	17,383	18,896
Basal Area	1.00	68.26	54.16	8.17	181.17	197.27	213.38	117	29	13			
Trees	1.00	68.26	67.42	10.16	76.15	84.76	93.38	181	45	20			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	66.06	5.91	605	643	681	174	43	19
Sample Trees CF	1.00	68.26	58.06	5.19	141	149	156	134	33	14

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	1	1	1
Required Measured Trees per Plot - CuFt per Acre		1	

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 1/6

Project: GAZOO | #Plots 44 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 | # Trees: 370 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: GSPC | # Measured Trees: 143 | Price: ACI-2018 | Grown To:

Acres: 6.00 | # Count Trees: 227 | Cost: ACI-2023 | Edited: 03/25/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	19	143	7.53	44.282	265	53.96
Basal DBH Count Plots (B)	25	227	9.08	73.044	438	51.83

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		99	27.3	141	54.813	222.73	42.63	50.1	7.6	285	117.92	53.622	708	322
WHEMLOCK		29	18.9	88	45.925	89.09	20.51	57.9	10.2	96	36.75	14.195	221	85
R ALDER		12	15.8	67	16.090	21.82	5.49	66.0	19.9	17	6.76	2.257	41	14
BL MAPLE		1	24.0	37	0.289	0.91	0.19				0.15	.029	1	
WR CEDAR		2	40.0	137	0.209	1.82	0.29			1	0.29	.131	2	1
		143	22.9	110	117.326	336.36	69.11	36.9	5.6	398	161.87	70.234	971	421

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	36.94	5.57	66.32	70.23	74.15	54	13	6	398	421	445
Net Ccf (100 CuFt)	1.00	68.26	35.32	5.32	153.26	161.87	170.49	49	12	5	920	971	1,023
Net Tons	1.00	68.26	35.01	5.28	377.27	398.29	419.32	49	12	5	2,264	2,390	2,516
Basal Area	1.00	68.26	31.76	4.79	320.26	336.36	352.47	40	10	4			
Trees	1.00	68.26	44.21	6.66	109.51	117.33	125.15	78	19	8			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	67.29	4.42	796	832	869	181	45	20
Sample Trees CF	1.00	68.26	58.25	3.82	178	185	192	135	33	15

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	3	3	3
Required Measured Trees per Plot - CuFt per Acre	2	2	3

Statistics of Sampled Population

State, County:	Lths: ACI-2023	Species: CLATSOP	Page: 3/6
Project: GAZOO	#Plots 28	Sort: ODF-C.CUT	Date: 04/25/2025
Tract: U2	# Trees: 162	Grade: ODF-C.CUT	Cruised: 03/01/2025
Stand: 00CC	# Measured Trees: 73	Price: ACI-2018	Grown To:
Acres: 51.00	# Count Trees: 89	Cost: ACI-2023	Edited: 04/24/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	14	73	5.21	41.963	2,140	3.41
Basal DBH Count Plots (B)	14	89	6.36	42.493	2,167	4.11

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		43	27.8	126	36.714	154.29	29.28	56.1	10.8	175	72.53	32.418	3,699	1,653
R ALDER		13	14.1	55	27.559	30.00	7.98	39.2	14.8	22	8.69	2.801	443	143
WHEMLOCK		14	20.2	74	17.974	40.00	8.90	50.6	12.3	46	17.73	7.582	904	387
SNAG		2	24.0	96	1.821	5.71	1.17				0.00	.000		
S SPRUCE		1	26.0	76	0.387	1.43	0.28			1	0.45	.209	23	11
		73	22.4	91	84.456	231.43	47.61	44.0	8.3	244	99.40	43.010	5,069	2,193

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	43.96	8.31	39.44	43.01	46.58	77	19	8	2,011	2,193	2,376
Net Ccf (100 CuFt)	1.00	68.26	43.35	8.19	91.26	99.40	107.54	75	18	8	4,654	5,069	5,485
Net Tons	1.00	68.26	42.88	8.10	224.25	244.02	263.79	73	18	8	11,437	12,445	13,453
Basal Area	1.00	68.26	45.69	8.64	211.44	231.43	251.41	83	20	9			
Trees	1.00	68.26	76.58	14.47	72.23	84.46	96.68	234	58	26			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	78.34	7.80	760	824	889	245	61	27
Sample Trees CF	1.00	68.26	69.93	6.96	169	182	195	195	48	21

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	3	3	3
Required Measured Trees per Plot - CuFt per Acre	2	2	2

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 4/6

Project: GAZOO | #Plots 28 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U3 | # Trees: 226 | Grade: ODF-C.CUT | Cruised: 02/01/2025

Stand: GSPC | # Measured Trees: 87 | Price: ACI-2018 | Grown To:

Acres: 1.00 | # Count Trees: 139 | Cost: ACI-2023 | Edited: 03/20/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	10	87	8.70	39.181	39	223.08
Basal DBH Count Plots (B)	18	139	7.72	59.129	59	235.59

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		53	26.3	136	44.698	168.05	32.80	57.8	10.9	211	87.22	39.045	87	39
WHEMLOCK		25	20.4	113	36.422	82.82	18.33	71.1	15.2	106	40.61	16.512	41	17
R ALDER		7	15.3	69	12.177	15.60	3.99	35.2	11.1	12	4.71	1.563	5	2
SNAG		2	13.3	65	5.013	4.80	1.32				0.00	.000		
		87	22.5	115	98.310	271.28	56.43	46.0	8.7	328	132.55	57.120	133	57

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	45.99	8.69	52.16	57.12	62.08	84	21	9	52	57	62
Net Ccf (100 CuFt)	1.00	68.26	46.12	8.72	120.99	132.55	144.10	85	21	9	121	133	144
Net Tons	1.00	68.26	46.22	8.74	299.36	328.01	356.67	85	21	9	299	328	357
Basal Area	1.00	68.26	43.96	8.31	248.75	271.28	293.82	77	19	8			
Trees	1.00	68.26	45.69	8.64	89.82	98.31	106.80	83	20	9			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	65.57	5.37	714	754	795	171	42	19
Sample Trees CF	1.00	68.26	56.66	4.64	162	170	178	128	32	14

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	2	2	2
Required Measured Trees per Plot - CuFt per Acre	1	1	1

Statistics of Sampled Population

State, County:	OR CLATSOP	Lths:	ACI-2023	Species:	CLATSOP	Page:	5/6
Project:	GAZOO	#Plots	28	Sort:	ODF-C.CUT	Date:	04/25/2025
Tract:	U3	# Trees:	116	Grade:	ODF-C.CUT	Cruised:	02/01/2025
Stand:	TKPC	# Measured Trees:	49	Price:	ACI-2018	Grown To:	
Acres:	31.00	# Count Trees:	67	Cost:	ACI-2023	Edited:	04/24/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	10	49	4.90	24.538	760	6.45
Basal DBH Count Plots (B)	15	64	4.27	30.672	950	6.74
Basal Count Plots (B)	1	3	3.00	.000		.00
Blank Plots (B)	3		.00	.000		.00

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		29	23.6	129	26.454	80.42	16.55	79.4	16.9	101	41.88	18.118	1,298	562
WHEMLOCK		13	20.9	113	16.580	39.61	8.66	61.7	16.5	49	18.99	7.652	589	237
R ALDER		7	15.3	69	12.177	15.60	3.99	35.2	11.1	12	4.71	1.563	146	48
		49	21.2	111	55.210	135.64	29.20	79.5	15.0	162	65.58	27.333	2,033	847

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	79.52	15.03	23.23	27.33	31.44	252	63	28	720	847	975
Net Ccf (100 CuFt)	1.00	68.26	77.86	14.71	55.93	65.58	75.23	242	60	26	1,734	2,033	2,332
Net Tons	1.00	68.26	77.51	14.65	138.51	162.29	186.06	240	60	26	4,294	5,031	5,768
Basal Area	1.00	68.26	73.07	13.81	120.01	139.24	158.47	213	53	23			
Trees	1.00	68.26	66.00	12.47	48.32	55.21	62.10	174	43	19			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	70.41	7.92	549	597	644	198	49	22
Sample Trees CF	1.00	68.26	61.74	6.95	130	139	149	152	38	16

Trees per Plot	Number Required
Required Measured Trees per Plot - BdFt per Acre	
Required Measured Trees per Plot - CuFt per Acre	

Statistics of Sampled Population

State, County: OR CLATSOP | Lths: ACI-2023 | Species: CLATSOP | Page: 6/6

Project: GAZOO | #Plots 100 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U4 | # Trees: 759 | Grade: ODF-C.CUT | Cruised: 04/24/2025

Stand: RW | # Measured Trees: 304 | Price: ACI-2018 | Grown To:

Acres: 4.00 | # Count Trees: 455 | Cost: ACI-2023 | Edited: 04/24/2025

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	44	304	6.91	44.589	178	170.79
Basal DBH Count Plots (B)	56	455	8.13	63.490	253	179.84

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		195	27.1	136	49.242	197.20	37.88	55.9	5.6	244	101.19	45.680	405	183
WHEMLOCK		68	19.7	94	36.974	78.00	17.59	68.9	8.2	91	34.87	14.004	139	56
R ALDER		32	14.9	62	19.034	23.20	6.00	60.1	11.3	17	6.94	2.288	28	9
SNAG		2	16.2	51	2.500	3.60	0.89				0.00	.000		
BL MAPLE		1	24.0	37	0.127	0.40	0.08				0.07	.013		
S SPRUCE		1	26.0	81	0.108	0.40	0.08				0.12	.043		
WR CEDAR		2	40.0	137	0.092	0.80	0.13				0.13	.058	1	
		301	22.7	107	108.079	303.60	62.65	44.9	4.5	353	143.31	62.086	573	248

Confidence Level (CL) 68.26 out of 100. Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%			Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	44.89	4.49	59.30	62.09	64.87	80	20	8	237	248	259
Net Ccf (100 CuFt)	1.00	68.26	44.13	4.41	136.98	143.31	149.63	77	19	8	548	573	599
Net Tons	1.00	68.26	44.07	4.41	337.55	353.11	368.68	77	19	8	1,350	1,412	1,475
Basal Area	1.00	68.26	41.07	4.11	291.13	303.60	316.07	67	16	7			
Trees	1.00	68.26	52.42	5.24	102.41	108.08	113.74	109	27	12			

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	69.45	3.16	780	805	830	192	48	21
Sample Trees CF	1.00	68.26	60.52	2.75	175	179	184	146	36	16

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	2	2	2
Required Measured Trees per Plot - CuFt per Acre	1	1	2

Stand Summary Report

State, County: OR CLATSOP | Lths & Dias: ACI-2023 | Species CLATSOP | Page: 1/2

Project: GAZOO | # Plots: 272 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 : U4 | # Trees: 1850 | Grade: ODF-C.CUT | Cruised:

Stand: 00CC : TKPC | # Measured Trees: 735 | Price: ACI-2018 | Grown To:

Acres: 169.00 | # Count Trees: 1115 | Cost: ACI-2023 | Edited:

										Net Per Log		Net Per Acre			BdFt	Total Net		
Spp	St	Dbh	Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Ht/D Inches	CuFt	BdFt	Tons	CuFt	BdFt	Def %	Tons	Ccf	Mbf
D		14	3	70	83	78	0.221	0.24	0.443	67.0	17	50		7	22	0.0	30	12	4
D		15	6	70	85	101	0.560	0.69	1.120	80.5	24	88	1	27	99	2.0	110	45	17
D		16	4	74	86	116	0.345	0.48	0.977	87.2	23	79	1	22	78	0.0	90	37	13
D		17	7	73	86	101	0.456	0.72	0.912	71.0	29	102	1	27	93	0.0	110	45	16
D		18	3	70	89	138	0.255	0.45	0.765	92.1	31	127	1	24	97	0.0	98	41	16
D		19	9	73	86	119	0.698	1.37	1.864	75.0	33	119	1	61	223	0.0	250	104	38
D		20	10	73	86	111	0.719	1.57	1.644	66.7	40	143	2	66	234	1.7	271	112	40
D		21	11	70	87	137	0.402	0.97	1.205	78.1	42	175	1	51	211	0.2	207	86	36
D		22	8	72	87	119	0.346	0.91	1.039	65.2	41	173	1	43	179	0.0	174	72	30
D		23	23	70	86	138	0.959	2.77	2.878	71.9	50	209	3	145	602	0.3	591	245	102
D		24	5	70	85	130	2.901	8.83	8.022	66.1	58	250	11	463	2,007	0.7	1,889	782	339
D		25	26	72	86	129	1.123	3.83	3.237	62.0	57	234	4	186	757	0.7	757	314	128
D		26	55	70	86	144	11.567	41.81	34.539	67.0	65	285	54	2,233	9,842	0.6	9,114	3,774	1,663
D		27	30	70	86	144	2.789	11.21	8.333	63.6	72	326	15	601	2,719	0.6	2,453	1,016	459
D		28	28	75	86	128	7.486	31.52	21.115	55.3	71	319	36	1,505	6,740	1.1	6,143	2,544	1,139
D		29	32	71	85	136	0.584	2.68	1.767	56.2	77	338	3	137	598	1.3	558	231	101
D		30	41	72	86	142	1.123	5.51	3.368	56.9	86	396	7	291	1,333	0.4	1,187	492	225
D		31	28	70	85	156	0.460	2.41	1.513	60.2	88	405	3	133	613	1.5	543	225	104
D		32	36	72	84	151	0.360	2.01	1.145	56.5	86	406	2	99	464	0.3	403	167	78
D		33	20	74	82	142	0.259	1.54	0.777	51.6	79	377	1	61	293	0.6	250	104	50
D		34	15	72	86	143	0.170	1.07	0.518	50.4	110	527	1	57	273	0.0	233	96	46
D		35	15	74	85	147	0.340	2.27	1.020	50.3	118	562	3	120	573	1.4	490	203	97
D		36	6	74	83	140	0.074	0.52	0.222	46.8	114	467	1	25	104	13.2	103	43	18
D		37	9	73	76	149	0.099	0.74	0.327	48.3	86	431	1	28	141	1.4	115	48	24
D		38	11	72	86	156	0.129	1.02	0.392	49.4	137	722	1	54	283	0.3	220	91	48
D		39	4	70	84	148	0.007	0.06	0.021	45.7	147	708		3	15	1.9	13	5	3
D		40	8	70	85	156	0.016	0.14	0.054	46.7	143	742		8	40	0.0	31	13	7
D		41	6	75	83	151	0.144	1.32	0.432	44.1	149	738	2	64	319	2.9	263	109	54
D		43	2	75	86	151	0.044	0.44	0.131	42.0	184	904	1	24	118	3.3	98	41	20
D		44	4	75	86	157	0.043	0.46	0.131	42.9	197	1,018	1	26	134	0.0	106	44	23
D		45	2	70	83	153	0.004	0.04	0.011	40.9	199	947		2	11	4.9	9	4	2
D		46	4	75	80	141	0.076	0.88	0.229	36.7	130	722	1	30	165	0.0	122	50	28
D			**471**	**72**	**86**	**135**	**34.759**	**130.48**	**100.154**	**63.6**	**66**	**293**	**160**	**6,623**	**29,380**	**0.8**	**27,029**	**11,192**	**4,965**
H		10	5	72	87	31	1.634	0.89	1.634	36.8	8	20		13	33	0.0	58	22	6
H		11	2	75	86	63	0.668	0.44	0.668	69.2	18	60		12	40	0.0	53	20	7
H		12	6	70	88	79	1.147	0.90	1.721	79.4	17	53	1	29	92	0.0	126	48	16
H		14	3	70	86	94	0.421	0.45	0.843	80.8	22	75		18	63	0.0	80	31	11
H		15	9	70	88	117	0.254	0.31	0.714	93.3	22	87		16	62	0.0	69	27	11
H		16	4	70	83	49	0.060	0.08	0.090	37.1	20	53		2	5	12.5	8	3	1
H		17	8	70	87	83	11.823	18.09	20.422	59.3	35	129	19	721	2,643	1.3	3,169	1,219	447
H		18	12	70	87	102	0.325	0.57	0.682	67.8	38	135	1	26	92	0.0	113	43	16
H		19	6	70	86	91	1.497	2.91	3.181	58.0	38	147	3	122	467	1.1	537	207	79
H		20	3	74	86	80	3.528	7.79	7.103	48.0	49	207	9	348	1,472	0.6	1,530	589	249
H		21	9	70	87	115	2.138	5.11	5.661	65.8	44	180	7	250	1,019	0.1	1,099	423	172
H		22	8	70	87	123	0.025	0.07	0.075	67.2	46	193		3	14	0.0	15	6	2
H		23	15	72	87	109	0.493	1.42	1.323	57.0	51	206	2	68	273	0.3	298	115	46
H		24	14	72	87	118	0.586	1.84	1.471	59.0	61	248	2	89	365	2.4	391	151	62
H		25	6	70	86	127	0.264	0.90	0.793	60.8	59	252	1	47	200	0.0	207	80	34
H		26	8	74	89	115	0.140	0.52	0.419	53.0	63	285	1	26	119	0.0	116	45	20
H		27	12	73	85	109	0.559	2.22	1.561	48.4	66	270	3	103	422	0.3	453	174	71
H		29	13	73	86	108	0.271	1.24	0.759	44.9	77	339	2	58	257	0.1	256	99	43

Stand Summary Report

State, County: OR CLATSOP | Lths & Dias: ACI-2023 | Species CLATSOP | Page: 2/2

Project: GAZOO | # Plots: 272 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 : U4 | # Trees: 1850 | Grade: ODF-C.CUT | Cruised:

Stand: 00CC : TKPC | # Measured Trees: 735 | Price: ACI-2018 | Grown To:

Acres: 169.00 | # Count Trees: 1115 | Cost: ACI-2023 | Edited:

										Net Per Log		Net Per Acre			BdFt	Total Net		
Spp	St	Dbh	Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Ht/D Inches	CuFt	BdFt	Tons	CuFt	BdFt	Def %	Tons	Ccf	Mbf
H		30	10	74	88	123	0.124	0.61	0.354	49.3	87	410	1	31	145	0.5	136	52	25
H		31	3	70	86	101	0.045	0.24	0.090	39.2	111	455		10	41	0.0	44	17	7
H		32	5	73	84	111	0.121	0.68	0.243	41.8	109	502	1	26	122	0.0	116	45	21
H		40	2	75	78	105	0.050	0.44	0.150	31.5	126	482		19	73	8.4	83	32	12
H			**163**	**71**	**87**	**85**	**26.174**	**47.73**	**49.959**	**58.0**	**41**	**161**	**53**	**2,039**	**8,020**	**0.8**	**8,958**	**3,446**	**1,355**
A		10	2	75	87	21	0.808	0.44	0.808	25.6	7	30		6	24	0.0	24	10	4
A		11	2	75	87	37	0.668	0.44	0.668	40.5	12	40		8	27	0.0	34	14	5
A		12	6	70	87	55	0.875	0.69	0.875	54.5	19	53		16	47	0.0	69	28	8
A		13	13	72	87	59	2.190	2.02	2.679	54.4	20	61	1	54	163	0.0	228	91	28
A		14	10	74	87	62	4.635	5.02	6.930	52.5	22	71	4	151	495	1.5	639	256	84
A		15	9	72	87	66	2.710	3.38	4.360	52.6	23	77	3	102	334	1.5	432	173	56
A		16	5	70	87	67	4.389	5.97	7.288	50.5	25	84	5	184	610	1.9	777	311	103
A		17	5	72	87	63	0.565	0.89	0.845	44.6	29	97	1	25	82	3.4	105	42	14
A		18	9	70	87	68	0.644	1.14	1.288	45.3	28	94	1	36	121	2.1	153	61	20
A		19	9	70	87	79	0.578	1.14	1.156	50.1	36	111	1	42	128	2.7	177	71	22
A		20	3	70	87	67	0.207	0.45	0.413	40.2	34	110		14	45	0.0	58	23	8
A		21	3	70	87	57	0.187	0.45	0.375	32.4	34	130		13	49	0.0	54	22	8
A		22	7	74	87	90	0.423	1.12	0.847	48.8	53	195	1	45	165	4.0	190	76	28
A			**83**	**72**	**87**	**62**	**18.880**	**23.14**	**28.531**	**49.8**	**24**	**80**	**17**	**696**	**2,290**	**1.7**	**2,940**	**1,176**	**387**
SN		12	1	70	89	46	0.009	0.01	0.000	46.0						0.0			
SN		13	0	70	3	50	0.469	0.43	0.000	46.6						0.0			
SN		14	0	70		30	0.009	0.01	0.000	25.7						0.0			
SN		15	1	70	89	64	0.014	0.02	0.000	51.4						0.0			
SN		16	0	70	37	51	0.026	0.04	0.000	37.8						0.0			
SN		20	2	75	86	80	0.202	0.44	0.000	48.0						0.0			
SN		24	0	75	87	96	0.275	0.86	0.000	48.2						0.0			
SN		32	2	75	89	138	0.079	0.44	0.000	51.8						0.0			
SN			**6**	**73**	**49**	**74**	**1.082**	**2.25**	**0.000**	**47.3**	**0**	**0**				**0.0**			
S		26	2	75	87	76	0.119	0.44	0.236	34.9	58	271		14	64	0.0	53	23	11
S			**2**	**75**	**87**	**76**	**0.119**	**0.44**	**0.236**	**34.9**	**58**	**271**		**14**	**64**	**0.0**	**53**	**23**	**11**
M		24	2	70	87	37	0.013	0.04	0.013	18.5	52	100		1	1	10.0	3	1	
M			**2**	**70**	**87**	**37**	**0.013**	**0.04**	**0.013**	**18.5**	**52**	**100**		**1**	**1**	**9.1**	**3**	**1**	
C		39	2	70	83	133	0.005	0.04	0.005	40.9	38	150			1	0.0	1		
C		41	2	70	83	141	0.005	0.04	0.009	41.4	127	580		1	5	1.7	5	2	1
C			**4**	**70**	**83**	**137**	**0.010**	**0.08**	**0.014**	**41.1**	**95**	**427**		**1**	**6**	**1.5**	**5**	**2**	**1**
HL			0	0		0	0.000	0.66	0.000							0.0			
HL			**0**	**0**	**0**	**0**	**0.000**	**0.66**	**0.000**		**0**	**0**				**0.0**			
Stands/Project:			**731**	**72**	**86**	**101**	**81.037**	**204.83**	**178.908**	**58.3**	**52**	**222**	**231**	**9,373**	**39,762**	**0.9**	**38,989**	**15,840**	**6,720**

Log Stock - Mbf by Species, Sort, Grade, Len, Dia Class

State, County: OR CLATSOP | Lths And Dias ACI-2023 | Species: CLATSOP | Page: 1/2

Project: GAZOO | # Plots: 272 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 : U4 | # Trees: 1850 | Grade: ODF-C.CUT | Cruised:

Stand: 00CC : TKPC | # Measured Trees: 735 | Price: ACI-2018 | Grown To:

Acres: 169.00 | # Count Trees: 1115 | Cost: ACI-2023 | Edited:

Species	Status	Srt	Grd	Log Len Class	Gross Mbf	% Def	Net Mbf	% Spp	BdFt Per Acre	Net Mbf by Scaling Diameter in Inches							
										2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99
D		DO	2S	16-21	21	.0	21	0.4	124				5		16		
D		DO	2S	24-27	16	.0	16	0.3	95				16				
D		DO	2S	28-31	2	.0	2	0.0	9				2				
D		DO	2S	32-35	95	2.6	93	1.9	549				82	10	1		
D		DO	2S	36-39	14	1.3	14	0.3	83				14				
D		DO	2S	40+	4,170	.6	4,144	83.5	24,518			1	1,645	2,053	381	64	
D		DO	3S	16-21	19	.0	19	0.4	110			18					
D		DO	3S	24-27	43	.0	43	0.9	256			40	3				
D		DO	3S	28-31	38	.0	38	0.8	222		4	33					
D		DO	3S	32-35	79	.0	79	1.6	469		20	59					
D		DO	3S	36-39	60	.0	60	1.2	353		10	49					
D		DO	3S	40+	380	3.0	368	7.4	2,180		14	287	2	8	57		
D		DO	4S	12-15	3	.0	3	0.1	19		2	1					
D		DO	4S	16-21	42	.0	42	0.8	247		20	22					
D		DO	4S	24-27	17	.0	17	0.3	102		6	11					
D		DO	4S	28-31	7	.0	7	0.1	39		7						
D		**Total**			**5,005**	**0.8**	**4,964**	**73.9**	**29,375**		**83**	**523**	**1,768**	**2,071**	**455**	**64**	
A		DO	1S	24-27	32	2.8	31	8.0	183				31				
A		DO	1S	28-31	46	3.5	45	11.6	265				45				
A		DO	1S	32-35	13	.0	13	3.4	78				13				
A		DO	1S	40+	71	4.2	68	17.7	404				68				
A		DO	2S	24-27	31	4.0	29	7.6	174			29					
A		DO	2S	28-31	13	.0	13	3.3	76			13					
A		DO	2S	32-35		.0		0.1	2								
A		DO	3S	24-27	4	.0	4	1.1	25			4					
A		DO	3S	28-31	12	.0	12	3.1	71		1	11					
A		DO	3S	32-35	12	.0	12	3.0	68			12					
A		DO	3S	36-39	6	.0	6	1.5	35			6					
A		DO	3S	40+	37	.0	37	9.5	218			37					
A		DO	4S	12-15	3	.0	3	0.7	17		3						
A		DO	4S	16-21	33	.0	33	8.6	197		33						
A		DO	4S	24-27	20	.0	20	5.0	116		20						
A		DO	4S	28-31	8	.0	8	2.1	49		8						
A		DO	4S	32-35	12	.0	12	3.2	73		12						
A		DO	4S	36-39	21	.0	21	5.4	124		21						
A		DO	4S	40+	19	.0	19	5.0	115		19						
A		**Total**			**394**	**1.7**	**387**	**5.8**	**2,290**		**118**	**111**	**157**				
H		DO	2S	16-21	8	.0	8	0.6	48					8			
H		DO	2S	24-27	1	.0	1	0.1	9				1				
H		DO	2S	28-31	8	.0	8	0.6	45				8				
H		DO	2S	32-35	117	.0	117	8.6	691				98	19			

Log Stock - Mbf by Species, Sort, Grade, Len, Dia Class

State, County: OR CLATSOP | Lths And Dias ACI-2023 | Species: CLATSOP | Page: 2/2

Project: GAZOO | # Plots: 272 | Sort: ODF-C.CUT | Date: 04/25/2025

Tract: U1 : U4 | # Trees: 1850 | Grade: ODF-C.CUT | Cruised:

Stand: 00CC : TKPC | # Measured Trees: 735 | Price: ACI-2018 | Grown To:

Acres: 169.00 | # Count Trees: 1115 | Cost: ACI-2023 | Edited:

Species	Status	Srt	Grd	Log Len Class	Gross Mbf	% Def	Net Mbf	% Spp	BdFt Per Acre	Net Mbf by Scaling Diameter in Inches							
										2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99
H		DO	2S	36-39		.0		0.0	3								
H		DO	2S	40+	878	1.0	869	64.2	5,139				486	365	18		
H		DO	3S	16-21	6	.0	6	0.4	35			6					
H		DO	3S	24-27	17	.0	17	1.2	99			17					
H		DO	3S	28-31	12	1.3	12	0.9	71			12					
H		DO	3S	32-35	54	.0	54	4.0	320		12	30	12				
H		DO	3S	36-39	24	.0	24	1.8	143		14	10					
H		DO	3S	40+	164	1.2	162	12.0	958		31	131					
H		DO	4S	12-15	3	.0	3	0.2	16		3						
H		DO	4S	16-21	36	.0	36	2.6	211		18	17					
H		DO	4S	24-27	36	.5	36	2.7	213		32	4					
H		DO	4S	28-31	1	.0	1	0.1	4		1						
	H		**Total**		**1,364**	**0.8**	**1,353**	**20.2**	**8,006**		**112**	**226**	**605**	**392**	**18**		
S		DO	3S	32-35	8	.0	8	98.0	50					8			
S		DO	3S	40+		.0		2.0	1								
	S		**Total**		**9**		**9**	**0.1**	**51**					**8**			
M		DO	2S	28-31		9.1		100.0	1								
	M		**Total**			**9.1**		**0.0**	**1**								
C		DO	2S	24-27		.0		12.5	1								
C		DO	2S	40+	1	1.7	1	87.5	5					1			
	C		**Total**		**1**	**1.5**	**1**	**0.0**	**6**					**1**			
Stand(s)/Project Totals					**6,773**	**0.9**	**6,714**	**100.0**	**39,729**								
					Percent Meaured Tree Net Mbf =				**100.0**		313	862	2,531	2,472	472	64	

LOGGING PLAN MAP

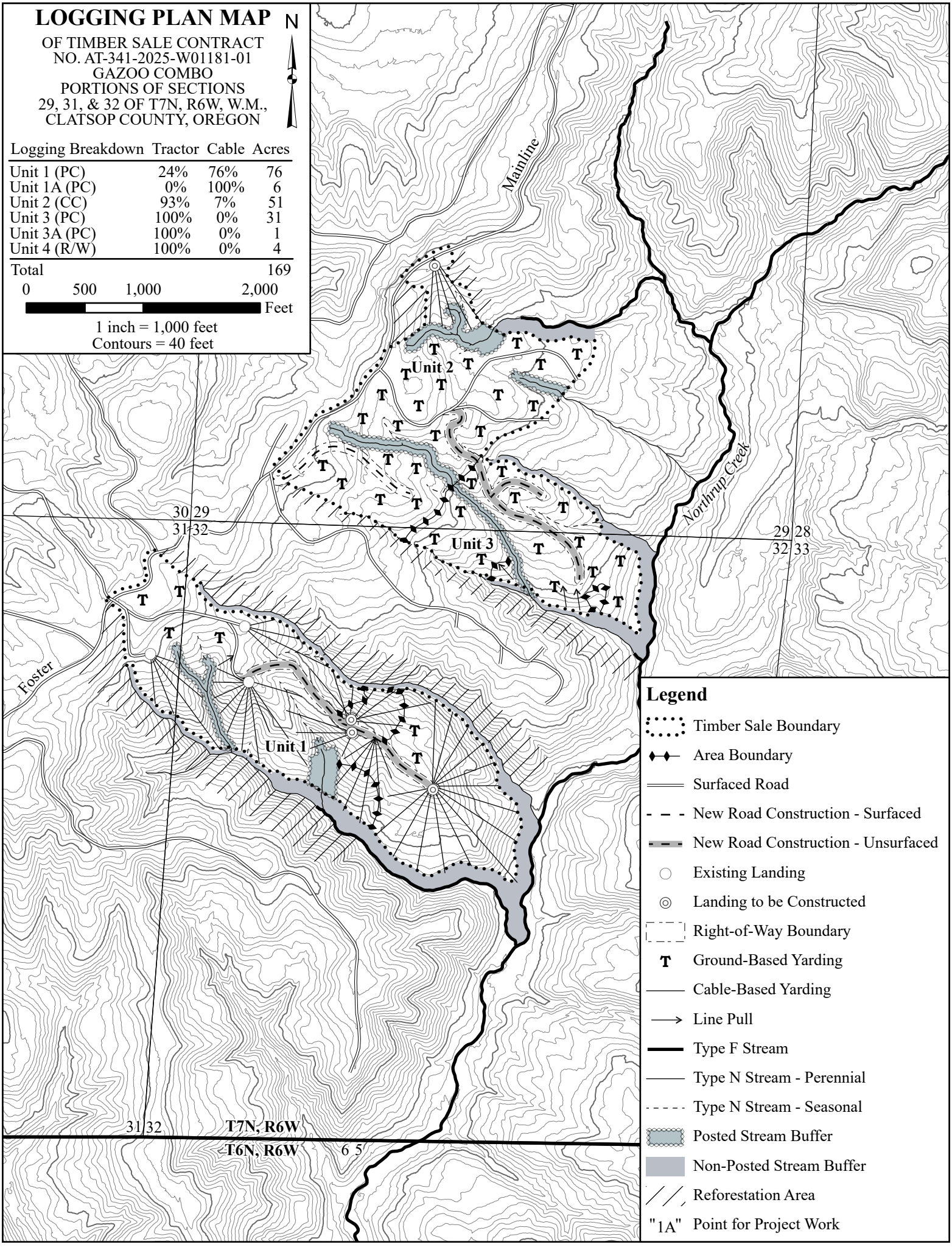
OF TIMBER SALE CONTRACT
NO. AT-341-2025-W01181-01
GAZOO COMBO
PORTIONS OF SECTIONS
29, 31, & 32 OF T7N, R6W, W.M.,
CLATSOP COUNTY, OREGON

N

Logging Breakdown	Tractor	Cable	Acres
Unit 1 (PC)	24%	76%	76
Unit 1A (PC)	0%	100%	6
Unit 2 (CC)	93%	7%	51
Unit 3 (PC)	100%	0%	31
Unit 3A (PC)	100%	0%	1
Unit 4 (R/W)	100%	0%	4
Total			169

0 500 1,000 2,000 Feet

1 inch = 1,000 feet
Contours = 40 feet



Legend

- Timber Sale Boundary
- Area Boundary
- Surfaced Road
- New Road Construction - Surfaced
- New Road Construction - Unsurfaced
- Existing Landing
- Landing to be Constructed
- Right-of-Way Boundary
- T Ground-Based Yarding
- Cable-Based Yarding
- Line Pull
- Type F Stream
- Type N Stream - Perennial
- Type N Stream - Seasonal
- Posted Stream Buffer
- Non-Posted Stream Buffer
- Reforestation Area
- "1A" Point for Project Work