

Table Pursuant to C2.35# (Option 1) - Individual Tree Designation,(06/2008)

Subdivision	D x D Spacing	<u>1/</u> Description of Included Timber (See Other Requirements)
10	19 feet	Only live Douglas-fir, Western Hemlock, Incense Cedar or True fir, if it is within the specified spacing of a live conifer with a larger stump diameter. All other species are non-included timber.
30	17 feet	Only live Douglas-fir, Western Hemlock, Incense Cedar or True fir, if it is within the specified spacing of a live conifer with a larger stump diameter. All other species are non-included timber.
1,2,3,4,5,6,7,8,9,11,12,13, 14,15,16,17,18,19,28,31	LTM	ONLY live Douglas-fir, Western Hemlock, Incense Cedar or True fir not marked with orange tree marking paint above and below stump height.

Other Requirements

All	Purchaser agrees to the following measures:
	<ol style="list-style-type: none"> 1. Down timber from adjacent private land will be protected from cutting and kept separate from Included Timber. 2. Boundary trees are designated with orange tree marking paint and blue boundary cards. 3. Boundary trees with orange paint and blue boundary tags shall be included in the DXD spacing when the boundary tree has a larger stump diameter than other trees within the DXD spacing. Boundary trees shall always "cut" a tree with a smaller diameter within subdivision/payment unit. 4. Orange painted trees within group selects (gaps) will not be included timber. 5. If orange painted buffer trees along streams are needed to be cut to accommodate a corridor they shall be directionally felled into the channel and left on site. 6. If purchaser premarks units, trees within 50 feet of Forest roads will be marked on the back side of the tree facing away from road, unless waived by Forest Service.

Definitions:

1. D x D: Designation by Description.
2. D x D Stump Height: Measure at 4 inches above the ground on the uphill side of the tree. When obstacles are present on the uphill side of the tree measure 4 inches from the obstacles.
3. Minimum stump height left for inspection purposes will be 4 inches.

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4. D x D Diameter: Measure at the DxD specified stump height 4 inches, outside the bark with a diameter tape that is perpendicular to the bole of the tree. Stumps missing all or part of their bark will be measured as presented. Measure to the nearest tenth of an inch.
5. D x D Spacing: Measure slope distance at 4 inches above the ground from the closest point between trees. This does not need to be measured on the uphill side of the tree.
6. All leave trees will remain standing.
7. Down Tree: a) An entire tree lying on the ground with an attached root wad; b) a root sprung tree with broken and exposed roots showing above the ground (root sprung trees must remain identifiable after logging).

C3.47# - Abnormal Delay(09/2004)(con't)REMOVAL SCHEDULE

Included Timber	Time Limits
ALL.	60 days after felling is started.
All timber decked during construction clearing.	60 days after felling on each Specified Road constructed by Purchaser is initiated.
Timber decked during road construction.	60 days after Forest Service authorizes Purchaser to use roads pursuant to B5.2.

PLANS AND CRITERIA PURSUANT TO C5.1# (OPTION 1) -
TEMPORARY ROAD AND LANDING CONSTRUCTION
(07/2001)

1. The Forest Service and Purchaser shall agree to temporary road locations and clearing limits prior to construction.
2. Temporary roads shall be constructed to a minimum width to accommodate logging equipment and shall be located to minimize the number of trees cut while minimizing the extent of ground impacted by construction.
3. All trees to be cut by the purchaser shall be identified and designated for cutting by the Forest Service prior to cutting.
4. On native running surfaces, hauling shall be restricted to when dry conditions exist. Restricted from October 15 thru May 15.
5. Clearing and grubbing debris shall be scattered in areas designated on the ground by the Forest Service.
6. Straw bales or other agreed upon erosion control devices shall be placed in ditches, as needed, to prevent sediment from entering stream courses. All straw bales will be certified weed free.
7. At the end of each season and/or when purchaser is done with the temporary road and/or termination of contract, purchaser shall install drivable drain dips and water bars and close the road to normal vehicular traffic, B6.63.
8. In accordance with B6.631, Temporary Roads to remain open, to facilitate short-term access, purchaser agrees to leave temporary road open as directed by Forest Service.
9. Methods of closure shall be determined based on existing terrain conditions and needs at the time of closure.
10. Reopening of temporary roads may occur between May 31 and October 15.

PLANS AND CRITERIA PURSUANT TO C5.1# (OPTION 1) -
TEMPORARY ROAD AND LANDING CONSTRUCTION
(07/2001)
(Continued)

11. Other erosion control measures, to stabilize the road and prevent erosion on slopes over 8%, may require a structure approximately every 100 feet. Seed and fertilizer for the road will be in accordance with C6.6.
12. Culverts shall be placed in all stream courses, along/across temporary roads. Culverts shall be corrugated metal pipe and shall not be less than 18inches diameter.
13. Culvert installation in live streams shall take place between July 1 and August 15, C6.315#. During culvert installation in live streams, the streams will be temporarily diverted around the site and biodegradable geotextile cloth will be placed downstream from the site to minimize transport of sediment, unless other methods are agreed to in writing with the Forest Service.
14. Culverts shall not be left in place after purchasers operations are completed.
15. Landings and helicopter service landings shall be designed in accordance to B6.422, shall be as small as operationally feasible, and shall be agreed to in writing by the Forest Service.
16. All landings will be designed to provide adequate drainage to protect the adjacent resources.
17. Areas to be covered with fill material shall be cleared of logs and cull woody material over 4 inches in diameter and/or 8 feet long.
18. Where side slopes exceed 45 percent, waste material shall be end-hauled to locations authorized in writing by the Forest Service.
19. Placement of rock ballast shall not take place unless mutually agreed to in writing by the Forest Service.
20. Rock ballast shall not exceed 4 inches in depth, unless mutually agreed to in writing by the Forest Service. Landing cut and fill slopes shall be left at no steeper than 1 ½ to 1 upon completion of sale operations.
21. Any culverts replaced shall be removed and disposed of by Purchaser off of National Forest lands.

C5.12# – USE OF ROADS BY PURCHASER. (6/99)

Restricted Road List

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
2633 ^{1/} 2633700 ^{1/} 2633701 ^{2/3/} 2633702 ^{2/}	Mill Creek Dry Gulch Sims Burn Sims Burn Left	County Road 2633 2633700 2633701	MP 9.97 Landing 2633701 Heli Landing Heli Landing	R,U ^{3/} R,U ^{3/} R,U ^{3/} R	<p>^{1/} Haul on Roads 2633 and 2633700 is not allowed evenings or weekends, or during long holiday periods (Memorial Day, 4th of July and Labor Day), unless waived by Contracting Officer.</p> <p>^{2/} Gate is to remain closed at all times, unless otherwise agreed.</p> <p>^{3/} Road use is unsuitable for hauling prior to all prehaul Road Maintenance Requirements identified in C5.31# being completed and accepted by the CO.</p>
Rock Haul Roads					
2633 ^{1/} 2633720 ^{2/}				R R	

Sale Name: Ten ReOffer

C5.12# – USE OF ROADS BY PURCHASER. (6/99) Purchaser's use of existing roads identified on Sale Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

<u>Code</u>	<u>Use Limitations</u>
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by Forest Service to inform the public of use restrictions. Purchaser's use of roads coded R, A, or W shall be in accordance with the following restrictions:

Restricted Road List

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
2633 ^{1/}	Mill Creek	County Road	MP 9.97 Landing	R	^{1/} Haul on Roads 2633 and 2633700 is not allowed evenings or weekends, or during long holiday periods (Memorial Day, 4 th of July and Labor Day), unless waived by Contracting Officer. ^{2/} Gate is to remain closed at all times, unless otherwise agreed. ^{3/} U-Road use is unsuitable for hauling prior to all prehaul Road Maintenance Requirements identified in C5.31# being completed and accepted by the CO.
2633700 ^{1/}	Dry Gulch	2633	2633701	R	
2633701 ^{2/3/}	Sims Burn	2633700	Heli Landing	R,U	
2633702 ^{2/}	Sims Burn Left	2633701	Heli Landing	R	
Rock Haul Roads					
2633 ^{1/}				R	
2633720 ^{2/}				R	

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C5.13# – ROAD COMPLETION DATE. (4/04) Construction of Specified Roads shall be completed no later than Oct. 31, 2012; except for earlier construction completion dates for roads listed below:

Road Number	Road Name	Station		Completion Date
		From	To	

Completion date is binding on the party that constructs road, whether Purchaser or Forest Service. Contracting Officer shall modify the completion date in writing to conform to the approved Plan of Operations under B6.311 at the request of Purchaser.

When Purchaser elects Forest Service construction of Specified Roads shown in sale advertisement, Forest Service may adjust construction completion date when road construction is delayed or interrupted for causes that qualify for an adjustment of the completion date of Forest Service’s road construction contract. When qualifying delays or interruptions of road construction occur, Forest Service shall evaluate such occurrences and document any findings. The current status of any adjustment shall be available to Purchaser on request. Promptly after the end of Normal Operating Season in which qualifying days occur, Forest Service shall give Purchaser written notice of (a) number of qualifying days claimed, and (b) new construction completion dates. After all road construction is complete, Forest Service shall grant Contract Term Adjustment. Such adjustment shall be limited to road completion date delays that occurred during Normal Operating Season.

If Forest Service is responsible for road construction and the actual date of road completion is 1 year or more after the completion date stated above, Purchaser may request a rate redetermination under B3.3 for remaining volume. Such request must be made within 30 days of notification that road construction has been completed. Upon receipt of such request, Forest Service shall redetermine rates using standard methods in effect on the completion date of road construction. Rates to be established shall apply to all timber removed from Sale Area after the effective date of the rate redetermination.

Forest Service shall in no way be responsible for any delay or damage caused by road contractor in performing the road construction, except such delay as may be the fault or negligence of Forest Service.

When Purchaser constructs Specified Roads and requests Contract Term Adjustment, completion dates shall be adjusted by number of days that qualify for such adjustment, provided such qualifying days occur before specified construction completion date. When Purchaser desires to construct an alternate facility under B5.26, Forest Service and Purchaser shall agree, in writing, on a construction completion date for alternate facility. Contract Term Adjustment as noted above will apply. Completion date shall be adjusted where a Design Change or physical changes necessitate a modification of Specified Road construction work that increases the scope or magnitude of the required work.

If Purchaser fails to complete construction of any or all Specified Roads by applicable completion date, as adjusted, Contract Term Extension shall not be granted.

As used in this Subsection, construction of a road is completed when:

- (a) Purchaser constructs Specified Roads and Forest Service furnishes Purchaser with written notice of acceptance under B6.36 or

(b) Forest Service constructs road and furnishes Purchaser with written notice authorizing use of road.

Notwithstanding B5.1, Purchaser shall not use a road that Purchaser has elected for Forest Service to construct, until construction is completed and Forest Service furnishes Purchaser with written notice authorizing use of road.

Sale Name:

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TABLE PURSUANT TO C5.13# - ROAD COMPLETION DATE (04/2004)

Road Number	Road Name	Station		Completion Date
		From	To	

C5.32# - ROAD MAINTENANCE DEPOSIT SCHEDULE. (7/01) Other provisions herein notwithstanding, when Forest Service request payment in lieu of Purchaser's performance of road maintenance, Purchaser shall make Required Deposits (16 USC 537) for current and/or deferred road maintenance. Such deposits are based on the estimated volume and distance hauled and Purchaser's commensurate use of each road listed in the Road Maintenance Plan in CT5.31#.

Purchaser and Forest Service may agree in writing on adjustment of such rates. If Purchaser uses roads under jurisdiction of Forest Service other than those listed in the Road Maintenance Plan, Forest Service shall establish rates commensurate with Purchaser's use of such roads.

The Required Deposits for Forest Service work in lieu of Purchaser performance and for deferred maintenance is: \$0.00 per CCF

The following table lists who Purchaser will make deposits for road maintenance to, and the rate per unit of measure of the deposit. The Road Maintenance Agreement is available for inspection at the Forest Supervisor's office.

Deposit Made To	Rate	Unit of Measure
N/A		

PRECONSTRUCTION ENGINEERING: All engineering work and expense of preparing for reconstruction engineering services, including the following:

	Cost (\$)
1. Transportation Planning. (All work necessary to complete the NEPA document and decision.)	<u>XXXXXXXX</u>
2. Engineering investigations, studies and reports, and reconnaissance, location, etc.	<u>\$ 1,280.00</u>
3. Preliminary location surveys.	<u>\$ 1,280.00</u>
** 4. Soils, foundations, and materials investigations, surveys, tests, structural design and review.	<u>\$ 840.00</u>
5. Preliminary and final designs.	<u>\$ 1,280.00</u>
6. Preliminary and final plans, drawings, spec's, and estimates of quantities.	<u>\$ 1,280.00</u>
7. Preparation of Government cost estimate.	<u>XXXXXXXX</u>
8. Final location surveys staked on the ground.	<u>\$ 800.00</u>
9. Rights-of-way surveys, plans, and descriptions.	<u>\$ -</u>
** 10. FE review and approval.	<u>\$ 800.00</u>
11. Other (describe) _____	<u>\$ -</u>

CONSTRUCTION ENGINEERING: All work and expense of setting out, controlling, inspecting and measuring the reconstruction of a forest development transportation facility including:

1. Construction surveys to establish line and grade for the work, to control the work, and to measure quantities.	<u>\$ 2,400.00</u>
2. Redesigning, adjusting, and changing the plans, specifications, etc., to meet encountered conditions.	<u>\$ 2,400.00</u>
3. Inspecting and controlling operations for compliance with plans and specifications.	<u>XXXXXXXX</u>
4. Inspecting and testing materials to be installed.	<u>XXXXXXXX</u>
5. Inspecting and measuring completed work.	<u>XXXXXXXX</u>
6. Processing payments and accepting materials and work.	<u>XXXXXXXX</u>
** 7. FE inspection and construction mgt. (include structures).	<u>\$ 800.00</u>

I. Project Subtotal (Total of 1-10 and 1-7 above)	<u>\$ 13,160</u>
II. S.O. Overhead Account (V+IV)*.18	<u>\$ 2,369</u>
III. Project Total = (I + II)	<u>\$ 15,529</u>
IV. ** FE Account (4+10+7)	<u>\$ 2,440</u>
V. District Account = (I - IV)	<u>\$ 10,720</u>

VII. Total (I + II) **To C5.213#** → \$ 15,529 **FSRE18**

Assistant Forest Engineer _____ Date _____

NOTE: Do not include entries where XXXXXXXX appears.

Sale Name: Ten ReOffer

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C5.213# – DEPOSIT FOR RECONSTRUCTION ENGINEERING SERVICES. (4/04) Purchaser shall make a cash deposit for engineering services (preconstruction and construction) provided by Forest Service for reconstruction of National Forest system roads necessary to accommodate Purchaser's use under this contract, pursuant to 16 USC 537.

The total amount to be deposited by Purchaser for reconstruction related engineering services to be completed by Forest Service personnel or by public works contract is \$15,529.00 Purchaser shall make this deposit at the end of the first full Normal Operating Season or 12 months from contract award, whichever occurs first. In the event a different deposit schedule is agreed to, such deposit shall be due within 15 days after the date of issue indicated on the initial bill for collection, pursuant to B4.4.

The amount of the required deposit will be shown as an associated charge on Purchaser's Timber Sale Account. Forest Service shall retain any unexpended deposit for reconstruction related engineering services.

The deposit for reconstruction related engineering services shall be commensurate with project need and Purchaser's road use. Forest Service shall complete reconstruction related engineering services on the following schedule unless a different completion schedule is agreed in writing:

Road or Facility No.	Termini		Engineering Services Completion Date
	From	To	
2633	Road 2633789	MP 9.97 Landing	10/31/2012

Reconstruction related engineering services may consist of some or all of the engineering work and expense of: preparing, setting out, controlling, inspecting, and measuring the reconstruction of a National Forest system road.

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C5.221# – MATERIAL SOURCES. (4/04)

Material	Type of Purchase	Owner(s)	Unit of Measure	Unit Price	Estimated Quantity	Total
		N/A				

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C5.221# – MATERIAL SOURCES. (4/04) Sources of local materials are designated on Plans and Sale Area Map. Forest Service assumes responsibility for the quality and quantity of material in designated sources. Purchaser shall determine the equipment and work required to produce the specified product, including the selection of acceptable material that is reasonably available in the source that meets specifications. The designation of source includes the rights of Purchaser to use certain area(s) for plant site, stockpiles, and haul roads.

Should the designated source, due to causes beyond the control of Purchaser, contain insufficient acceptable material, Forest Service will provide another source with adjustment in accordance with B5.253.

When Purchaser elects not to use designated sources, Purchaser shall furnish the specified product with no adjustment in unit rates. Quality testing shall be the responsibility of Purchaser. Test results shall be furnished to Forest Service.

When Purchaser elects not to use designated sources and the Schedule of Items lists pit development separately, cost allowance will be reduced under B5.253 when Forest Service determines the work will not be required.

When materials are subject to a weight measurement, the specific gravity or weight/volume relationship used as a basis for determination of estimated quantities shall be:

Source I N/A , Source II N/A , and Source III N/A .

Purchaser may, when agreed in writing, use on the project such suitable stone, gravel, and sand, or other material found in the excavation, and will earn a cost allowance for the excavation of such materials at the corresponding contract unit price and for the pay items for which the excavated material is used. Purchaser shall replace, without additional cost allowance, sufficient suitable materials to complete the portion of the work that was originally contemplated to be constructed with such material. Purchaser shall not excavate or remove any material, except that which is within the excavation limits, without written authorization from Forest Service.

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION TABLE PURSUANT TO
C5.31# - ROAD MAINTENANCE REQUIREMENTS (7/01)

1	2	3			4	5	6			7	8	9	
Road No. and Termini	Special Project Specifi- cation	Travel Way			Brushing And Log Out	Surfacing	Dust Abatement			Seasonal Mainte- nance	Snow Removal	Post Haul	
		Width	X Slope	Comp			Product	Applic Rate	Width			Block	Treat
<u>2633</u> MP 9.97 Landing To Jct/W 2633789		EX	AI	B	4 Ft. LEFT & RIGHT, OPT					T-811 T-838	JU		PR
<u>2633</u> 2633789 To Pavement		EX	AI	B	4 Ft. LEFT & RIGHT, OPT	150 Cubic Yards Grading T, as staked by the FS	Water*	0.5 Gal per Sq.Yd.	EX	T-811 T-838	JU		PR
<u>2633700</u> 2633 To 2633701		EX	AI	B	3 Ft. LEFT & RIGHT, OPT	20 Cubic Yards Grading T, as staked by FS				T-811 T-838	JU		PR
<u>2633701</u> 2633700 to Heli Landing		EX	AI	B	3 Ft. LEFT & RIGHT, OPT	1160 Cubic Yards Grading T, Placed at a 4" depth as staked by the FS				T-811 T-838	TS		PR
<u>2633702</u> 2633701 To End		EX	AI	B	3 Ft. LEFT & RIGHT, OPT					T-811 T-838	TS		PR

* Apply water from the end of the pavement to Road 2633700, when ordered by the Contracting Officer. Dust abatement applies to rock haul and timber haul.

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION TABLE PURSUANT TO
C5.31# - ROAD MAINTENANCE REQUIREMENTS (7/01)

1	2	3			4	5	6			7	8	9	
Road No. and Termini	Special Project Specifi- cation	Travel Way			Brushing And Log Out	Surfacing	Dust Abatement			Seasonal Mainte- nance	Snow Removal	Post Haul	
		Width	X Slope	Comp			Product	Applic Rate	Width			Block	Treat
<u>Rock Haul</u>	<u>Roads</u>												
<u>2633</u> County Rd. To 2633700		EX	AI	B			Water*	0.5 Gal per Sq.Yd.	EX	T-811			PR
<u>2633700</u> 2633 To 2633701		EX	AI	B						T-811			PR

* Apply water from the end of the pavement to Road 2633700, when ordered by the Contracting Officer. Dust abatement applies to rock haul and timber haul.

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION CODES TABLE PURSUANT TO
C5.31# - ROAD MAINTENANCE REQUIREMENTS (7/01)

Column No.	Heading	Entry	Explanation
	Any	Blank	Except as otherwise described, no entry indicates Purchaser is not authorized or required to perform the work item(s).
	Any	RC	This work requirement applies only when haul of sale related construction materials occurs.
2	Special Project Specification	Number	Entry indicates Special Project Specification which applies.
3	Travel Way	EX Numbers IS, C, OS, F, or AI A or B	<p>Purchaser shall maintain the traveled way to the width existing upon entry, or at the completion of Specified Road work.</p> <p>Purchaser shall maintain the traveled way to the standard width indicated by the entry, plus curve widening, in accordance with Section T-811. If required, the road template shall be shaped to this width and to the designated cross slope before haul and during recurring maintenance.</p> <p>Cross slopes are designated as: IS (Inslope), C (Crown), OS (Outslope), F (Flat), AI (As Is).</p> <p>If compaction is required.</p>
4	Brush and Log Out	Numeric & R and or L As Staked OPT H	<p>Purchaser shall remove brush for specified width on either or both the right (R) side or left (L) side of road.</p> <p>Limits of brushing are as staked or marked in the field.</p> <p>Purchaser may use hand or mechanical means of brushing.</p> <p>Only hand brushing may be used.</p>

ROAD MAINTENANCE REQUIREMENTS SPECIFICATION CODES TABLE PURSUANT TO
C5.31# - ROAD MAINTENANCE REQUIREMENTS (7/01)

Column No.	Heading	Entry	Explanation
5	Surfacing	Aggregate Grading	Purchaser shall place surfacing on roads listed according to the grading indicated.
6	Dust Abatement	OPT	Product selection is Purchaser's choice from those listed in Section T-812.
		Product Abbr.	Unless otherwise agreed, Purchaser is restricted to product listed corresponding to the abbreviation shown in Section T-812; (i.e., LigS = Lignon Sulfonate) Application rates are estimated amounts.
		EX	Purchaser shall abate dust on the existing width
		Numbers	Purchaser shall abate dust to the width indicated by entry.
7	Seasonal Maintenance	W	Waterbars and/or crossditching shall be required prior to expected seasonal precipitation.
		B	Entrance barriers shall be installed by Purchaser prior to nonuse periods.
8	Snow Removal	TS	Snowplowing authorized for Purchaser's Operations without recreation access being provided per Section T-803 requirements.
		JU	Snowplowing authorized, but must provide for recreation joint use per Section T-803 requirements.
		Blank	Snowplowing is not authorized. Forest Service may authorize plowing by permit when not in conflict with other uses.
9	Post Haul	PR	PR denotes that work is Purchaser's Responsibility to perform.

C6.315# - SALE OPERATION SCHEDULE (06/94)

Subdivision	Operating Conditions	Purpose
ALL	Restrict groundbased yarding to normal operating period	Minimize impacts to soil resource
ALL	Restrict haul during evenings (6:00pm - 12:00am), weekends or during long holidays, such as, but, not limited to Memorial Day, 4 th of July and Labor Day.	Public safety
ALL	Restrict all operations during approximately the 3 rd week in October, including the Friday before, through the end of the Friday following. All non-emergency vehicle traffic will be restricted on closed roads during this period.	Cascade Bull Elk Rifle Season
ALL	Native surfaced roads have limited structural strength and haul is restricted during wet weather from October 15 to May 15	Minimize impacts to soil resource
ALL	Restrict instream work period for reconstruction to 7/1 to 8/15	Minimize impacts to water resource

C6.41# -Specific Requirements (01/2000)

<u>FELLING METHODS</u>	<u>SUBDIVISIONS</u>
1. Directional Felling shall be utilized.	<u>ALL</u>
2. Directional Felling shall be utilized to protect designated areas "SMA" as shown on the sale area map.	
3. Directional Felling shall be utilized to fall away from designated streams, buffers and reserve trees.	<u>ALL</u>
4. Directional Felling shall be utilized to fall corridor trees into stream channel in riparian, as they are cut. Corridor trees will be left.	<u>ALL</u>
<u>FELLING EQUIPMENT</u>	<u>SUBDIVISIONS</u>
The use of tree jacks, wedges or tree lining may be required, however, the required methods used shall not be limited to these options.	<u>ALL</u>

C6.42# - Yarding/Skidding Requirements (04/2003)

<u>YARDING/SKIDDING REQUIREMENTS</u>	<u>SUBDIVISIONS</u>
<p><u>1/.</u> Prior to <u>ALL</u> operations commencing, purchaser shall submit a plan of operations, specifying, but, not limited to:</p> <ul style="list-style-type: none"> a. haul road access to and from units, b. all proposed temporary spur roads, c. landings, d. skid trails and roads, e. decking areas. 	<p>ALL</p>
<p><u>2/.</u> <u>Skyline yarding permitted as designated in subdivisions and portions of subdivisions as designated on Sale Area Map.</u></p> <p><u>3/.</u> No yarding across designated streamcourses, without full suspension.</p> <p><u>4/.</u> All skyline yarding corridors shall initially be made as narrow as practical. The corridors shall normally not exceed 15 feet in width after yarding has been completed. All corridors shall be a minimum of 150' (feet) center-to-center for parallel corridors <u>OR</u> a minimum of 150' (feet) at the backend or farthest point from the landing for radial logging configurations.</p> <p><u>5/.</u> All skyline corridors shall be approved before timber falling is started.</p> <p><u>6/.</u> One-end suspension required when using skyline yarding system.</p> <p><u>7/.</u> Equipment pre-bunching is permitted on slopes up to 45%.</p> <p><u>8/.</u> <u>Leave Tops Attached (LTA)</u> will be required.</p>	<p>1,4,7,8,9,10,12,14,15,16,17,19,28</p>
<p><u>9/.</u> <u>Helicopter yarding permitted as designated in subdivisions and portions of subdivisions as designated on Sale Area Map.</u></p> <p><u>10/.</u> No fueling or fuel storage within 150' of a stream or water body.</p>	<p>2,3,5,6,10,11,15,18,30,31</p>

<u>YARDING/SKIDDING REQUIREMENTS</u>	<u>SUBDIVISIONS</u>
<p><u>A/.</u> A <u>skyline yarding system</u> capable of transporting logs at least 2400 feet uphill and 350 feet downhill. The yarder must be equipped with a spar tower with a cable fairlead at least 70 feet above the ground and a slack pulling carriage with a 100' dropline.</p>	<p>1,4,7,8,9,10,12,14,15,16,17,19,28</p>
<p><u>B/.</u> A <u>helicopter yarding system</u> capable of lifting 7500 pounds payload at an elevation of 4,500 feet above sea level and transporting logs fully suspended at least 5,000 feet horizontal distance uphill and downhill. Prebunching of the included timber will be allowed. Logs must be broken free of their beds vertically and totally suspended during in-haul portion of the yarding cycle. A 150' tagline may be required.</p>	<p>2,3,5,6,10,11,15,18,30,31</p>

APPLICATION SCHEDULE PURSUANT TO C6.6# - EROSION CONTROL AND SOIL TREATMENT BY PURCHASER (07/01)

	AREAS	SEED		FERTILIZER		MULCH	
PAYMENT UNIT OR UNIT NUMBER	A) SKID TRAILS B) FIRELINES C) TEMP. ROADS D) LANDINGS E) OTHER	APPLICATION		APPLICATION		APPLICATION	
		SPECIES <u>1/</u> MIXTURE	LBS/AC	TYPE <u>2/</u>	LBS/AC	TYPE <u>3/</u>	LBS/AC
ALL	A, C, D.	<u>1/</u>		N/A	N/A	N/A	N/A

1/ Seed mixture will be any of the following: winter wheat, spring wheat, or triticale. Seed will be certified weed free (Blue tag). Application rate will be 40 lbs/acre. Purchaser or sub-contractor that does the actual purchase of the seed will coordinate the acquisition of the seed with the Forest Service.

1/ For sales in Oregon, the seed shall meet the State certification specifications. Seed must be packaged in containers carrying official certification labels sewn in, glued to, or printed upon the container, with the following information:

1. Variety (if certified as to variety) and kind.
2. Quantity of seed (pounds or bushels).
3. Class of certified seed (blue tags for certified seed).
4. Inspection or lot number traceable to the certifying agency's records.

For sales in Washington, the seed shall be labeled as "Prohibited and Restricted Noxious Weed Free for the State of Washington." The purchaser shall furnish a copy of the seed analysis.

For state of California lands in Region 6, seed must be certified by the state of California, or by an independent agency or company that is approved by the state of California for "prohibited and restricted noxious weed free for the state of California."

For mixtures of seed, each ingredient in excess of 5 percent must be listed with its percentage by weight and its germination percentage. Legumes must be inoculated with nitrogen fixing bacteria before planting. The label must show the expiration date of the inoculant. All seed treated with a fungicide or pesticide must be labeled that it is "treated" giving the name of the chemical used, and an appropriate warning or a caution statement.

2/ Fertilizer shall be a standard commercial fertilizer with guaranteed analysis of contents clearly marked on containers.

3/ Mulch shall meet the appropriate State's certification specifications, with evidence of its certification traceable to the certifying agency's records.

4/ Cable skid trails/roads used by Purchaser that have a mineral soil exposed for lineal distances of 100 or more feet and exceed a slope of 15% shall be water barred. Waterbars will be spaced every 100 feet on slopes less than 15% and 50 feet on slopes greater than 15%. Treated areas shall span the total width of compaction. Water barring shall be kept reasonably current and shall be done during Normal Operating Season unless otherwise agreed.