

CT2.11# – TIMBER SUBJECT TO AGREEMENT (6/72). In addition, there is within Sale Area (Unit 1) an unestimated quantity of Combined Softwood – Non-Sawtimber that shall be Included Timber upon written agreement.

CT2.2# - UTILIZATION AND REMOVAL OF INCLUDED PRODUCTS (4/03). Unless otherwise agreed in writing, or as specified in CT2.211# - Optional Removal of Non-sawtimber Products, Purchaser is required to pay for and remove the following products described in AT2 of the contract.

Sawtimber is the boles of trees meeting Sawtimber Product specifications as listed in AT2 of the contract.

Non-sawtimber is the boles of trees meeting Non-sawtimber Product specifications as listed in AT2 of the contract, but that do not meet the minimum piece specifications for Sawtimber Products. Non-sawtimber removal is only required in Cutting Units N/A. Only the volume of non-sawtimber in the cutting units listed above is included in the estimated volume shown in AT2. If the purchaser and the Forest Service agree to remove non-sawtimber from cutting units other than those listed above this non-sawtimber must be measured and paid for at the rates shown in AT4.

CT2.358# - INDIVIDUAL TREES (LEAVE TREE MARKING) (1/09). In **Cutting Units 1\***, all trees (live and dead) meeting minimum merchantable tree specifications of AT2 are designated for cutting except trees reserved from cutting. Trees reserved from cutting have been marked with a horizontal stripe of **Red** paint at or above eye level, and a stump mark consisting of a horizontal stripe of **Red** paint on the downhill side of the tree at ground level.

The boundaries of units where leave trees are marked, are marked on three (3) sides of the cutting unit boundary trees with vertical stripes of **Red** paint extending from diameter breast height (DBH) upwards approximately three (3) feet. The middle stripe of paint faces the cutting unit and the other two face on line with the cutting unit boundary. In addition, each boundary tree has a horizontal stump mark painted on the downhill side of the tree at ground level. Trees used for boundary designation are not to be cut. All hardwood trees are not to be cut. **\*Timber Subject to Agreement, C2.11#.**

CT2.359# - INDIVIDUAL TREES (CUT TREE MARKING) (1/09). In **Cutting Units 2 and 3**, individual trees to be cut have been Marked with a horizontal stripe of **Yellow** paint at or above eye level, and a stump mark consisting of a horizontal stripe of **Yellow** paint on the downhill side of the tree at ground level.

The boundaries of units where individual trees are Marked, are marked on three (3) sides of the cutting unit boundary trees with vertical stripes of **Blue** paint extending from diameter breast height (DBH) upwards approximately three (3) feet. The middle stripe of paint faces the cutting unit and the other two face on line with the cutting unit boundary. In addition, each boundary tree

has a horizontal stump mark painted on the downhill side of the tree at ground level. Trees used for boundary designation are not to be cut.

CT4.211 - DOWNPAYMENT (6/07). The downpayment amount shown in AT15 may not be applied toward any other payment required under the provisions of this contract, except damages determined pursuant to BT9.4, transferred to other timber sales, or refunded until (a) stumpage value representing 25 percent of the total bid value of the timber sale is shown on Timber Sale Account to have been cut, removed, and paid for, or (b) the estimated value remaining to be cut and removed, as shown on Timber Sale Account, is equal to or less than the amount of the downpayment, or (c) if 36 CFR 223.49(e) is applicable, the estimated value remaining to be cut and removed, as shown on Timber Sale Account, is equal to or less than the amount of the downpayment. For lump sum timber sales, the downpayment may be applied to payment for release of the single payment unit.

If Forest Service makes a determination that this contract should not have been included under increased downpayment requirements (36 CFR 223.49(e)), the downpayment shall be revised and applied in accordance with 36 CFR 223.49(f).

CT4.212 - TEMPORARY REDUCTION OF DOWNPAYMENT (8/09). Notwithstanding BT4.211 or CT4.211, upon the Purchaser's written request Forest Service may temporarily reduce the downpayment when Purchaser's scheduled operations are delayed or interrupted for 30 or more consecutive days, or the contract term is extended for 30 or more consecutive days for any of the following reasons:

- (1) Forest Service requests or orders Purchaser to delay or interrupt scheduled operations for reasons other than breach;
- (2) Purchaser interrupts or delays scheduled operations to work on a sale designated by the Forest Service as in urgent need of harvesting; or
- (3) An adjustment of the contract term authorized upon a determination of substantial overriding public interest, including a market-related contract term addition, or an urgent removal contract term extension under 36 CFR 223.53.

When Purchaser is not cutting or removing timber under contract during a qualifying period of delay, interruption, or extension listed above the downpayment may be reduced to \$1000 or 2 percent of the downpayment amount stated in the contract, whichever is greater. The Purchaser must restore the downpayment to the full amount stated in the contract within 15 days from receipt of the bill for collection and written notice from the Contracting Officer that the basis for temporarily reducing the downpayment no longer exists. Purchaser shall not cut or remove timber on a contract where the downpayment has been temporarily reduced until the downpayment amount stated in the contract is fully restored.

CT4.4 - PAYMENTS NOT RECEIVED (8/12). (a) Payments are due and payable on the date of issue indicated on the bill for collection. When a payment for timber cut and other charges is not received at the location designated by Forest Service by the date specified in the bill for collection, Contracting Officer will suspend all or any part of Purchaser's Operations until payment or acceptable payment guarantee is received. Other charges include, but are not limited to:

- (i) Slash disposal and road maintenance deposits;
- (ii) Cooperative work at rates established by specific agreement under BT4.218;
- (iii) Damages pursuant to BT9.4;
- (iv) Road use fees;
- (v) Restoration of downpayment pursuant to BT4.22;
- (vi) Periodic payments pursuant to BT4.213;
- (vii) Extension Deposits pursuant to BT4.217; and
- (viii) Other mandatory deposits.

(b) Failure to pay amounts due by the date specified in the bill for collection shall be considered a breach under BT9.3. The 30-day notice period prescribed therein shall begin to run as of the end of business on the date specified for receipt of payments. If the performance or payment is guaranteed by surety bond, the surety will receive a copy of the written notification of breach. Demand will be made on the surety or other institution providing the guarantee or bond instrument for immediate payment 10 days after issuance of written notification of the breach.

(c) Pursuant to the Debt Collection Improvement Act of 1996, as amended, if payment is not received by Forest Service within 15 days after the date of issue indicated on the bill for collection:

(i) Simple interest shall be assessed at the Current Value of Funds Rate as established by the Secretary of the Treasury. Interest will begin to accrue as of the date of issue indicated on the initial bill for collection.

(ii) Debtors will be assessed administrative charges, in addition to the delinquent amount due. Administrative charges are those additional costs incurred by the Government in processing, handling, and collecting delinquent debts.

(iii) A penalty charge of six (6) percent per annum will be assessed on any portion of a debt delinquent more than 90 days. This penalty charge is in addition to interest and administrative charges under paragraphs (c)(i) and (c)(ii). The penalty charge shall accrue from the date of issue indicated on the bill for collection and shall be assessed on all outstanding amounts, including interest and administrative costs assessed under paragraphs (c)(i) and (c)(ii).

(iv) Payments will be credited on the date received by the Federal Depository or Collection Officer designated on the bill for collection.

(d) Forest Service remedies for Purchaser's failure to make payment for timber cut and other charges when due, except for accrual of interest, suspension of all or any part of Purchaser's Operations, and administrative offset, shall be stayed for so long as:

- (i) A bona fide dispute exists as to Purchaser's obligation to make such payment and
- (ii) Purchaser files and prosecutes a timely Claim.

CT5.12# – 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		
619		0.2 Bridge	0.5	R	All vehicles must meet the Federal Bridge Formula Weight limits and a maximum gross vehicle weight of 120,000 lbs. Any vehicles not meeting the weight limits above, must apply for an overload weight permit.

CT5.31# – ROAD MAINTENANCE REQUIREMENTS (7/01). Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

**Contract Road Maintenance Requirements Summary**

Road	Termini		Miles	Applicable Prehaul Road Maintenance Specifications										
	From	To												

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable During Haul Road Maintenance Specifications										
	From	To		T101	T103	T108	T301	T310	T506	T507	T508	T618	T619	T710
619	Hwy 37	Jct 7993	2.21	D	P	D	D	D	D	D	D		F	F
7993	Jct 619	Unit 1	11.62	D	P	D	D	D	D	D	D	D	F	F
7993	Unit 1	Unit 2	.32	D	P	D	D	D	D	D	D		F	F
7993	Unit 2	Jct 7994	4.51	D	P	D	D	D	D	D	D		F	F

7994	Jct 7993	Jct 7994B	4.75	D		D		D	D		D		F	F
7994B	Unit 3	Jct 7994	.63	D		D		D	D		D		F	F

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable Post Haul Road Maintenance Specifications										
	From	To												

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

SPECIFICATION T-103 DUST ABATEMENT

DESCRIPTION

1.1 Dust abatement consists of road surface preparation and application of materials.

MATERIALS

2.1 Water, bituminous products, lignin sulfonates, chloride products, and other materials may be used for dust abatement. Materials other than water will require approval of the Forest Service and shall meet specifications furnished by the Forest Service.

REQUIREMENTS

3.1 Dust abatement materials shall be applied to the road surface as necessary to control surface loss and provide that vehicles are always intervisible within their stopping sight distance. The average user speed on the road shall be used to determine stopping sight distance. Preparation shall be in accordance with Specification T-101, Surface Blading.

3.2 The rate of application shall be such that the selected material will not run off the surface and cause pollution or unnecessary waste.

3.3 When water is the selected material, it shall be applied as often as necessary to abate dust from all Purchaser operations.

1. Dust abatement shall be maintained as needed throughout the duration of operations.

CT5.32# – ROAD MAINTENANCE DEPOSIT SCHEDULE (8/12). Other provisions herein notwithstanding, when Forest Service requests 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 are \$ 3.52 per 1/ CCF for recurrent maintenance, and \$ 1.85 per 1/ CCF for deferred maintenance.

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		

CT6.10 - PREWORK CONFERENCE (10/04). Annually, prior to commencement of work, a prework conference will be held to discuss contract terms and work performance requirements. Also at this meeting such things as responsibility under OSHA, and procedures for how undesignated timber that may have to be added to the contract (including danger trees) shall be discussed and documented.

The Purchaser, or designated representative, will arrange for the meeting with the Contracting Officer.

CT6.23 - PROTECTION OF LAND SURVEY MONUMENTS (10/04). Forest Service shall appropriately designate on the ground all known survey monuments including but not limited to horizontal control stations (Triangulation Stations), vertical control stations (Bench Marks), property corner monuments, and all Public Land Survey System monuments. This shall include

reference monuments, corner accessories such as bearing trees, line trees and line posts. Identifying signs shall be posted by Forest Service on two sides of each known bearing tree and each line post shall be posted with a metal sign or decal. Line trees may be cut if designated under BT2.3.

In authorized clearings such as Clearcutting Units and road construction clearings, and in other instances where damage to survey monuments, corners, corner accessories and survey of property line markers is unavoidable, Forest Service shall arrange protective or perpetuative action which does not cause unnecessary delay to Purchaser.

Purchaser shall protect all known survey monuments, witness corners, reference monuments, bearing trees and line markers against avoidable destruction, obliteration or damage during Purchaser's Operations. Additional monuments or objects discovered on the area shall be promptly reported to the other party and shall also be protected. If any known monuments, corners, corner accessories, and survey or property line markers are destroyed, obliterated or damaged during Purchaser's Operations, Purchaser shall employ a registered professional land surveyor to reestablish or restore at the same location the monuments, corners, corner accessories or line markers. Such surveyors shall use procedures and monumentation that accords with the Bureau of Land Management Manual of Instructions for the Survey of the Public Lands of the United States for General Land Office surveys and any applicable State statutes concerned with land surveys. Purchaser's agent shall record such surveys in accordance with state survey statutes.

**Attachment BT6.33**  
**10/01**

**LOGGING AND MAINTENANCE OPERATIONS SIGNING STANDARDS**

All signs must be manufactured & installed as specified in the FHWA "**Manual on Uniform Traffic Control Devices**" (MUTCD) & FS publication "**Standards for Forest Service Signs & Posters**"( EM 7100-15).

**SIGN STANDARDS**

**SHAPE & COLOR:** Generally, signs for logging and maintenance operations are either diamond-shaped or rectangular. All signs are *reflective orange background with black legend and border* unless shown otherwise. Handpainted, homemade signs are not legal. Fluorescent paint is not reflectorized.

**SUBSTRATE:** Sign substrate material may be High Density Overlay (HDO) Plywood, Aluminum, Fiberglass Reinforced Plastic, Corrugated Plastic or Roll-up Fabrics.

**SIGN SIZE:** Sign size is a factor of speed and MUTCD & FS standards. Where conditions of speed, volume, or special hazard require greater visibility or emphasis, larger signs should be used. Minimum sizes for the most common signs can be found in Figure 4. Refer to the EM-7100-15 for additional sign sizes.

**LEGEND:** All lettering shall be Series "C" alphabet, conforming to Standard Alphabets for Highway Signs. Letter size is also a function of speed - use letter size and word messages as specified in MUTCD and EM-7100-15.

## SIGN PLACEMENT

Signs are to be installed in locations as agreed to in the traffic control plan. All signs are to be removed, covered, or folded when operations are not in progress or the sign message is not applicable. Signs should generally be located on the right-hand side of the roadway. When special emphasis is needed, signs may be placed on both the left and right sides of the road. Sign message shall be clearly visible to road users, mounted on posts or portable sign stands.

### **LATERAL CLEARANCE**

From the edge of the road - 2 foot minimum, where slope limits to less than 6 feet. 6-12 foot preferred.

### **HEIGHT**

Minimum of 7 feet, measured from the bottom of the sign to the near edge of the travelway. The height to the bottom of a supplemental sign mounted below the primary sign will be 6 feet.

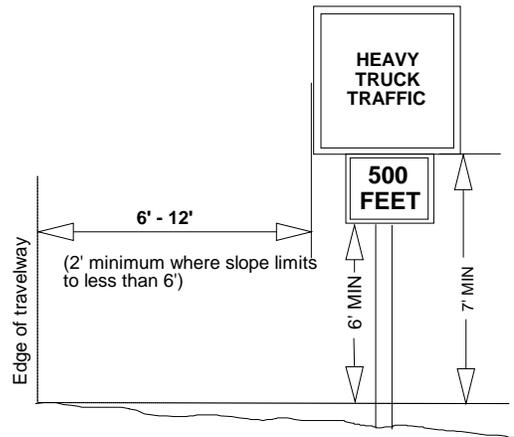


Figure 1: Sign Placement

Dimensions

### **PLACEMENT DISTANCE**

Signs must be located 100-500 feet prior to the activity, (both ends if a through road) and maintained at that distance. This distance is based on speed. Refer to Figure 2, Table II-1, MUTCD, a portion of which is reproduced here, to determine correct placement distance.

Posted or 85 percentile speed MPH	Deceleration to listed advisory speed MPH				
	10	20	30	40	50
20	NA				
25	100				
30	150	100			
35	200	175			
40	275	250	175		
45	350	300	250		
50	425	400	325	225	
55	500	475	400	300	
60	575	550	500	400	300
65	650	625	575	500	375

Figure 2: A Portion of MUTCD TABLE II-1

## SIGN SUPPORTS

**POSTS:** Signs are to be mounted on separate posts. Supplemental signs such as Speed Advisory plates are to be mounted on the same post as the primary sign. **Do not mount signs on trees or other signs.** Posts may be wood, metal, carsonite or similar material. Where sign supports cannot be sufficiently offset from the road edge, supports will meet breakaway standards. Single wood posts with less than 24 square inches do not require breakaway design.

**TEMPORARY/PORTABLE SUPPORTS:** Portable supports may be used for short-term, short-duration, and mobile conditions. MUTCD defines this time period as one work shift, 12 hours or less. All portable supports must meet MUTCD standards, including breakaway. These must be a minimum of 1 foot above the road surface or more if visibility requires it.

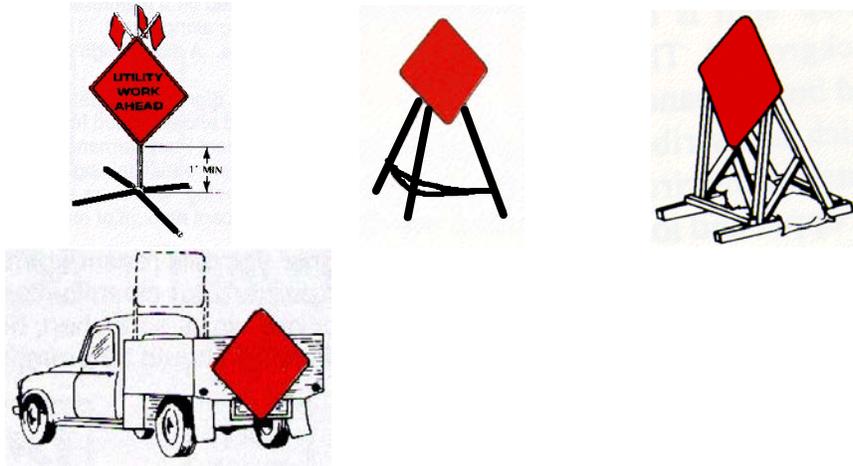


Figure 3: Examples of Temporary/Portable Supports

### SIGNS

The following signs meet the intent of Timber Sale Contract Provision B6.33, SAFETY.

*This is not a complete listing of signs that may be needed.*



FG20-1-48\*  
FW22-3-30

FG20-2-48

FG20-3-42\*

FG20-3a-42



FW20-1-30\*  
W22-1-36\*



W21-3-30\*

FW21-4a-30

FW11-7-24



FW8-6-24  
W20-7aP-24\*

FW11-9a-24

W7-3a-24\*

W13-1-18\*\*

\* Specify Distance

\*\* Specify Speed



BM-L-O

BM-R-O

Barricade Markers (See MUTCD for length and stripe size)

CT6.332 - SAFETY (TIMBER HAULING) (10/04). Purchaser shall secure all products transported by truck with at least two chain or cable wrappers over the load, such wrappers being securely fastened to effectively contain every bolt or log in at least two places.

CT6.339 – ACCIDENT AND INJURY NOTIFICATION (4/05). Purchaser shall notify Forest Service of any lost time personal injury accident or any accident or vandalism resulting in personal property damage over \$400 in value that occurs as a result of or is associated with Purchaser’s Operations.

Purchaser shall notify Forest Service within 8 hours of any personal injury accident. For vandalism and personal property accidents, Purchaser shall notify Forest Service at the same time notification is given to the state and local law enforcement authorities.

Purchaser shall take all reasonable measures after an accident or vandalism event to preserve the scene of the incident and provide information to facilitate a Forest Service investigation.

The method of notification shall be agreed to in writing at the prework conference required by provision CT6.10.

CT6.351# – WASHING EQUIPMENT (7/07). In order to prevent the spread of noxious weeds into the Sale Area, Purchaser shall be required to clean all “Off-Road Equipment” prior to entry on to the Sale Area. This cleaning shall remove all soil, plant parts, seeds, vegetative matter, or other debris that could contain or hold seeds. Only logging and construction equipment so cleaned and inspected by the Forest Service will be allowed to operate within the Sale Area. All subsequent move-ins of equipment to the Sale Area shall be treated in the same manner as the initial move in. For purposes of this provision, “Off-Road Equipment” includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

Purchaser shall employ whatever cleaning methods are necessary to ensure that Off-Road Equipment is free of noxious weeds. Equipment shall be considered free of soil, seed, and other

such debris when a visual inspection does not disclose such material. Disassembly of equipment components or specialized inspection tools is not required.

In order to prevent the spread of noxious weed species in the Sale Area, Purchaser shall be required to clean all off-road logging and construction equipment that operates in N/A prior to the equipment leaving N/A. Purchaser and Forest Service shall agree on methods of cleaning, locations for the cleaning, and control of off-site impacts, if any.

Unless otherwise agreed, Purchaser shall give the Forest Service at least 24 hours notice when equipment is ready for inspection. Notification will include an agreed upon location where the equipment will be available for inspection by the forest service.

New infestations of noxious weeds, of concern to Forest Service and identified by either Purchaser or Forest Service, on the Sale Area or on the haul route, shall be promptly reported to the other party. Purchaser and Forest Service shall agree on treatment methods to reduce or stop the spread of noxious weeds when new infestations are found. A current list of noxious weeds of concern to Forest Service is available at each Forest Service office.

**CT6.4# - CONDUCT OF LOGGING (3/83).** Unless otherwise agreed in writing, silvicultural prescriptions and land management objectives shall be conducted and accomplished by the following requirements, methods and procedures:

UNIT #	CONDUCT OF LOGGING ****
2,3	Tractor skidding shall be done over the natural terrain without excavation except where location of excavated skid roads is approved by Forest Service in advance of construction. Logs shall be tractor skidded with the leading end free of the ground. Skid roads and trails will be limited to 14 feet or less in width. Tractor skid roads shall be no less than 75-100 feet apart except where converging. All skid trails will be rehabilitated and/or water barred with an excavator.
2,3	Use existing skid trails and landings, where they exist and are feasible. Tractors shall be restricted to approved skid roads.
2,3	On steep pitches designated by the Forest Service, all equipment will be required to operate directly up and down the slope.
1* Subject to Agreement	A groundlead cable yarding system capable of yarding_200_feet uphill and _200_feet downhill is required.
1* Subject to Agreement	Groundlead calbe (skidders) and combination loader-yarder machines shall be restricted to approved road systems or skid trails.

\* Subject to Agreement, C2.11#

CT6.50# - STREAMSIDE MANAGEMENT ZONES (12/90). A Streamside Management Zone (SMZ) is a zone that contains riparian vegetation and other special characteristics. Areas identified as Streamside Management Zones (SMZ's) are shown on the Sale Area Map and designated in **Unit 1** with **Red boundary Paint** and in **Unit 3** with Pink or Orange flagging with “**STREAMSIDE MANAGEMENT ZONE**” written on it and boundary trees with vertical stripes of BLUE paint extending from diameter breast height (DBH) upwards approximately three (3) feet.

Timber designation, conduct of logging, and/or slash treatment may differ in the SMZ from the rest of the unit. Unless otherwise agreed to in writing and notwithstanding the contract requirements otherwise applicable to each cutting unit, the following special requirements apply to the SMZ of the cutting units specified below:

Streamside Management	
Cutting Unit	Zone Requirements
1	No equipment will be allowed in the unit. Trees suspended off the ground can be cabled out of the unit and skidded using the existing skid trails in unit 2.
3	No harvest and no equipment allowed within SMZ.

CT6.6 - EROSION PREVENTION AND CONTROL (9/06).

Unless otherwise agreed in writing, Purchaser shall complete erosion prevention and control work required in section BT6.6, including Streamcourse protection, within 15 calendar days after completion of skidding and/or yarding operations for each landing.

Designation of on the ground work shall be done as promptly as feasible unless it is agreed that the location of such work can be established without marking on the ground.

During periods of accelerated water runoff, especially during the spring runoff and periods of heavy rainfall, Purchaser shall inspect and open culverts and drainage structures, construct special cross ditches for road runoff, and take other reasonable measures needed to prevent soil erosion and siltation of streams.

When operations are active outside the Normal Operating Season defined in AT13, erosion control work will be kept current and will be completed as soon as practicable.

CT6.601# - EROSION CONTROL SEEDING (3/07). Following completion of skidding and yarding operations in an area, Purchaser shall seed and fertilize all exposed areas of raw soil on

skid trails, landings, firebreaks, slides, slumps, Temporary Roads and traveled ways of National Forest system roads scheduled for stabilization by Purchaser after operations. Special Provision CT5.419# - SYSTEM ROAD STABILIZATION contains a list of the roads requiring seeding and fertilizing.

Soil on areas to be seeded shall be left in a roughened condition favorable to the retention and germination of the seed or as specified in Special Provision CT6.633# - TEMPORARY ROAD, SKID TRAIL/SKID ROAD AND LANDING SCARIFICATION.

Seed and fertilizer shall be spread evenly at the rate of 30 pounds of seed and 240 pounds of fertilizer per acre. When fertilizer and seed are applied in separate operations, the second operation shall be carried out within 72 hours of the first.

Application shall be during the period specified by the Forest Service and under the above specified conditions unless otherwise approved.

The kinds and amounts of seed to be sown in terms of pure live seed (PLS) shall be:

Species of Seed	PLS Pounds per Acre
Annual Rye or Winter Wheat	18
Hard Fescue	6
Orchard Grass	6
Total	30

Purchaser shall provide to the Forest Service:

1. Blue tags, or copies of blue tags from each seed lot used in the specified mix. Only certified, blue-tagged seed shall be used. The blue tag represents a field certification and serves as evidence of the genetic purity and varietal identity of the seed contained in the seed lot .
2. Labels which indicate the percentage composition of the various species in the seed mix.
3. Copies of Seed Analysis Reports from a certified seed analyst for each seed lot used in the specified mix. Purchaser will obtain this report from the seed provider. Seed Analysis Reports must include at a minimum, content of any noxious weed seeds listed on the current "State of Montana Noxious Weeds List". Only after the Forest Service has verified that this report indicates the seed does not contain any weeds on the current "State of Montana Noxious Weeds List", will the seed be accepted and used.

The following kinds and amounts of standard commercial fertilizer shall be used with guaranteed analysis of contents clearly marked on containers:

Type of Fertilizer	Pounds Per Acre
25-10-10 or 27-12-12 or 34-16-10	240

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CT6.632# - TEMPORARY ROAD AND TRACTOR ROAD OBLITERATION (2/02).

Notwithstanding the provisions of BT6.63 and BT6.65, unless otherwise agreed, temporary roads accessing all units and tractor roads within all units constructed for use with this sale shall be obliterated after they have served the Purchaser's purpose. Obliteration shall consist of recontouring road prism including all cut and fill slopes to natural ground contour. Equipment will not be permitted to operate outside the clearing limits. In addition, from 10 to 15 tons per acre of clearing or logging slash, stumps or other woody debris shall be placed and scattered uniformly on the top of the recontoured corridor.

CT6.633# - TEMPORARY ROAD, SKID TRAIL/SKID ROAD AND LANDING

SCARIFICATION (2/02). Unless waived in writing by the Forest Service on specific roads, skid trails/skid roads or landings, all landings, skid trails/skid roads, and Temporary Roads constructed or used by Purchaser shall be scarified by the Purchaser following use.

Scarification shall span the width of the compacted areas and shall be done to a depth of not less than 2 inches, but not to exceed a depth of 14 inches, and must effectively prepare the ground for seeding.

Scarification shall be done during the period as specified by the Forest Service unless otherwise approved. No scarification work shall be done during wet weather or when the ground is frozen or otherwise unsuitable.

CT6.661 - CURRENT OPERATING AREAS (10/04). Unless waived in writing by Forest Service, Purchaser shall remove accumulations of slash and logging debris in operating areas from system roads prior to the end of Normal Operating Season. Slash and logging debris in excess of three (3) feet in length and three (3) inches in diameter shall not remain on backslope, in ditches, or on traveled way, shoulders or turnouts. Debris shall be scattered downslope from the roadbed, avoiding any concentrations. When weather permits operation after Normal Operating Season, Purchaser shall keep such work on any additional disturbed areas as current as practicable.

CT6.7 - HAZARD REDUCTION AND SITE PREPARATION (3/89). Purchaser's timing of product removal, hazard reduction and site preparation shall not unnecessarily delay Forest Service slash disposal, site preparation or reforestation. Purchaser shall perform hazard reduction and site preparation work in accordance with the Hazard Reduction and Site Preparation Plan and Map which are attached hereto and made a part hereof. Such work is in addition to Required Deposits for slash disposal.

**EXTWEEN BD SALVAGE**  
**HAZARD REDUCTION**

**AND**  
**SITE PREPARATION PLAN**  
**C(T)6.7#**

(Updated 8/9/2011)

**General:**

Unless otherwise agreed in writing, Purchaser shall perform the following work described below and as shown on the Hazard Reduction and Site Preparation Map.

Forest Service and Purchaser shall jointly develop a schedule for completion of slash treatment on the various portions of the sale area.

*Select option(s)/dates that best suits sale operational restrictions, normal operating season and sale termination date. If necessary adjust dates to address operational restrictions.*

In cutting unit(s) \_\_\_\_\_ in which logging is substantially completed by July 15th, purchaser's slash disposal and site preparation responsibilities shall be completed by August 15th of the same year. -

In cutting unit(s) \_\_\_\_\_ in which logging is substantially completed by July 15th, purchaser's slash disposal and site preparation responsibilities, other than specified slashing, shall be completed by August 15th of the same year. Specified slashing responsibilities shall be completed by August 1 of the same year. -

In cutting unit(s) All in which logging is substantially completed by September 30th, purchaser's slash disposal and site preparation responsibilities shall be completed by October 31 of the same year. -

In cutting units in which logging is substantially completed by September 30<sup>th</sup> or any time outside of the Normal Operating Season, purchaser's slash disposal responsibilities shall be completed within the first 30 days of the next Normal Operating Season.-

**Any activity fuel or slash generated as a result of timber harvest operations, shall be returned to a minimum of XX feet inside of the cutting unit boundary.**

**Slash Treatment Specifications:**  
**Methods:**

Landing Cleanup,

A landing is considered a place where any logs or products are gathered for loading. Unless otherwise agreed, all slash accumulated at landings shall be piled.

All Units

Piles shall be reasonably compact and free of soil to facilitate burning. Piles will not be less than 5 feet in height. Piles shall be of a size and location which will not impair road use or result in damage to residual timber. Piles shall be located at least 25 feet from residual timber. Piles shall not be more than 30 feet long.

Lopping, Units,

All Units

Prior to skidding operations, Purchaser shall cut all exposed limbs from Included Timber. Such limbing shall be done to a top diameter of approximately 5.6

inches diameter inside bark, at which point the top will be cut from the remainder of the stem. Limbs shall be severed from the remaining top and all limbs cut from the top and boles will not extend over 2 feet in height above the ground.

Clean System Roads,  
Units,

    All Units

Purchaser shall dispose of all logging slash 7 inch large end diameter and 4 feet in length which is created within the clearing limits of system roads. Slash shall be piled for later burning within the right-of-way clearing unless an alternate method of slash disposal is agreed to in writing. Piles shall be reasonably compact and free of soil to facilitate burning. Piles shall be of a size and location which will not impair road use. Piles shall be a minimum of twice their diameter from any residual timber.

Slash Throwback, Units,

    All units

All activity created debris that falls outside the cutting unit boundary shall be yarded back into the unit and incorporated into the designated slash treatment for the unit. The debris yarded shall include all boles, branch wood, and tops that were created during the harvest operation.

Scatter, Units,

    All Units

Logging slash shall be scattered away from and without unnecessary damage to residual trees. All scattered logs shall be limbed, placed away from trees and positioned so they will not roll. Other logging slash shall be scattered to reduce slash concentrations with slash being generally left within 24 inches of the ground and not in piles.

CT6.71 - CHANGE IN SLASH TREATMENTS (3/90). Slash treatment measures required in accordance with the Hazard Reduction and Site Preparation Plan and Map may be changed upon written agreement. The Forest Service shall determine the current cost of performing the work to be deleted and the work to be added. When the cost of work deleted exceeds the cost of work added, the agreement shall provide for a lump sum payment to the Forest Service for the amount of the difference.

CT6.711 - BURNING BY PURCHASER (10/79). Purchaser shall obtain a written permit from Forest Service before burning any camp refuse, brush, slash or construction debris at any time throughout the year. The terms of the permit will set forth:

- A. Area or location where burning is permitted.
- B. Material to be burned.

- C. Safeguards, including help and equipment to control the fire.
  - D. Special precautions to be taken before burning.
2. Control action needed until the fire is out.

CT6.8 - MEASUREMENT METHOD (10/01). BT2.4 list categories of timber not included in AT2. Such timber may be subsequently included; if so, quantities shall be measured by tree measurement, sample tree measurement, or area estimate. The volume tables to be used are approved R1 Volume Tables for the species involved. Copies of said volume tables are on file in the office of the Forest Supervisor and District Ranger.

CT6.801 - MEASURING (PULP LOGS) (5/80). A pulp log, as shown and specified in AT2, shall be any log or portion of a tree, except western redcedar, dead or alive, not meeting sawlog specifications shown in AT2 and containing at least 50 percent pulpable wood in terms of gross cubic volume. Normal sawlog scaling defects such as stain, shake, checks, crook, sweep, burls, knot clusters, pitch, worm holes, and firm rot are considered pulpable. Fire char is not considered pulpable. Defective logs that will break up under normal debarking operations are not considered pulpable.

Final piece, log, or load volume shall be in terms of gross cubic feet.

When pulp logs are manufactured and marketed in shorter minimum piece lengths than shown in AT2, this shorter pulp log shall be considered as meeting Utilization Standards.

CT6.84 - ACCOUNTABILITY (10/04).

A. Forest Service will issue to Purchaser or designated representative(s) serially numbered woods receipt books for use only on this sale.

The woods receipt books, whether used or unused, shall be accountable property of Forest Service and shall be returned to issuing Contracting Officer in accordance with instructions contained on cover of each book.

B. Purchaser shall require all receipts be filled out in ink and otherwise completed by an individual named in writing. Such permit will then be attached to the load in accordance with instructions on inside cover of woods receipt book. Products will not be hauled from the immediate vicinity where loading is done before the Load Permit is attached to the load.

C. Before products are hauled, the truck driver shall sign the woods permit in ink using legal signature.

D. Purchaser shall assure that all woods receipts (stub portion) and unused tickets are returned to the issuing Contracting Officer or as otherwise agreed.

E. Purchaser shall require truck drivers to stop, if requested by Forest Service, for accountability check when products are in transit from Sale Area to delivery point. Purchaser and Forest Service shall agree to locations for accountability checks in advance of haul. Such locations shall be established only in areas where it is safe to stop trucks.

CT7.2 - NORMAL PRECAUTIONS (2/02). Specific fire precautionary measures are set forth below. Upon request of Forest Service, Purchaser shall permit and assist in periodic testing and inspection of required fire equipment. Purchaser shall promptly remedy deficiencies found through such inspecting and testing.

The following requirements shall apply during the period stated in AT14 and during other such periods as specified by Forest Service.

A. Fire Extinguishers and Tools Required with Equipment. Each unit of powered equipment used in connection with this sale shall be equipped with serviceable tools and fire extinguishers acceptable to Forest Service as follows:

1. STATIONARY EQUIPMENT. Examples include yarders, log loaders, Hahn Harvester, stroke delimiters, roadside/landing based processors, whole tree chippers, rock crusher, asphalt plant, or other equipment working at fixed locations such as a landing or rock crushing site.

One - Fire extinguisher, dry chemical type of not less than 2.5-pound capacity with 4 B.C. or higher rating.

One - 5-gallon standard galvanized metal, fiber glass or rubberized backpack water container, with hand pump attached, to be filled at all times.

Weatherproofed tool box marked "FIRE ONLY," equipped with a hasp, kept sealed, and containing:

One - Axe, double bit, 3.5#

Two - Shovels (round point #0 lady or equal)

Two - Pulaskis

The tool box shall be mounted on equipment, if feasible, unless another location is agreed to in writing. The tool box shall be within 100 feet of the designated machine at all times when operating. Only one (1) tool box is required at each active fixed location site.

2. MOBILE EQUIPMENT. Examples include crawler tractors, rubber-tire skidders, soft-track skidders, forwarders, feller-bunchers, feller-processors, excavators, front-end loaders, back-hoes, scrapers, and motor graders.

One - Fire extinguisher, dry chemical type of not less than 2.5-pound capacity with a 4 B.C. or higher rating.

One - Shovel (round point #0 lady or equal). For equipping mobile equipment, an acceptable substitute is a "D-handle" round point shovel with a minimum 27-inch handle and a minimum 8- by 11-inch blade.

One - Axe, double bit, 3.5#, or one pulaski.

3. SUPPORT EQUIPMENT. Examples include trucks, low-boys, busses, pickups, panels, automobiles, service trucks, or similar equipment used in transporting logs, people, equipment, and/or materials.

One - Fire extinguisher, dry chemical type of not less than 2.5-pound capacity with 4 B.C. or higher rating

One - Shovel (round point #0 lady or equal)

One - Axe, 2# or over, 26-inch minimum length, or one pulaski

One - Bucket or similar water container (at least 1-gallon capacity)

#### 4. POWER SAWS

One - Shovel (round point #0 lady or equal). Shovel shall be with gas containers and/or no more than 100 feet distance from where sawyer is working.

One - Fire extinguisher, containing not less than eight (8) ounces of extinguisher fluid or a dry chemical powder type of not less than one (1) pound capacity. The extinguisher shall be carried by the operator at all times.

Any fueling or refueling of a power saw shall only be done in an area which is free of or which has first been cleared of all material capable of carrying fire; such power saw shall be moved at least 10 feet from place of fueling before starting.

B. Fire Tools on Sale Area. Purchaser shall furnish and maintain in serviceable condition, in quantities and at locations to be designated by Forest Service, tool boxes, fire tools and other fire equipment to be used only for suppressing forest fires. Each tool box shall be weatherproofed and marked "TOOLS FOR FIRE ONLY" and kept sealed. These requirements are in addition to fire tool requirements for mobile, stationary, support or power saw equipment.

1. Special tool caches shall not be required when less than 20 people are employed on Sale Area, excluding logging truck drivers.

2. Operations employing 20 to 30 people on Sale Area, excluding truck drivers, shall furnish a tool cache as follows:

One - Axe, double bit, 3.5#

Five - Shovels (round point #0 lady or equal)

Five - Pulaskis

For each multiple of 10 people over 30, the above tool cache requirement shall be doubled.

**C. Spark Arresters.** Each internal combustion engine shall be provided with a spark arrester or spark arresting device approved by Forest Service. Exceptions where Forest Service may approve mufflers or other equipment in lieu of spark arresters qualified and rated under Forest Service standard 5100-1a are: (a) small multi-position engines, such as chain saws, shall meet Society of Automotive Engineers J335b standards, (b) passenger-carrying vehicles and light trucks may have baffle-type muffler with tail pipe, (c) heavy-duty trucks may have a vertical stack exhaust system with muffler, provided the exhaust stack extends above the cab of the vehicle, (d) an exhaust driven turbocharger is considered to be a satisfactory spark arrester. Internal combustion engine exhaust systems, arresters and other devices shall be properly installed and maintained.

**D. Blasting.** Fuse or prima cord shall not be used unless authorized in writing by Forest Service, with special precautions stated.

**E. Smoking.** Smoking shall not be permitted within logging operations except on surfaced or dirt roads, at landings, within closed vehicles, in camps or at other posted places. Smoking shall not be permitted while working or traveling on foot, within or through Sale Area.

**F. Precautions for Stoves.** Stovepipes on all temporary buildings, trailers, and tents using wood-burning stoves shall be equipped with roof jacks and serviceable spark arresters of mesh with openings no larger than 5/8 inch. All stovepipes, inside and out, shall not be closer than two (2) feet from any wood or other flammable material or one (1) foot if the combustible material is protected by a metal or asbestos shield.

**G. Debris Around Buildings.** The grounds around buildings, tents and other structures shall be kept free of flammable material for a distance of at least 15 feet from the wall of such structures.

**H. Storage of Petroleum and Other Highly Inflammable Products.** Gasoline, oil, grease, or other highly flammable material shall be stored either in a separate building or at a site

where all combustible debris and vegetation is cleared away within a radius of 25 feet. Fire extinguishers and/or sand barrels may be required at such locations specified by Forest Service when unusually hazardous conditions exist.

**I. Debris Burning and Warming Fires.** Burning permits shall be required throughout the year for all debris burning fires. Lunch and warming fires may be allowed in fireproofed areas during periods of low fire danger as specified in the fire plan. Such fires shall not be left unattended.

**J. Cable Logging.** All tail blocks and corner blocks shall be of an accepted haulback design which prevents line fouling and used with line guards. Such blocks shall be located to prevent cables from rubbing against trees, snags, down logs or rock when operating.

Areas adjacent to blocks shall be cleared of flammable material within a 5-foot radius. One (1) shovel and one (1) pulaski shall be maintained within 10 feet of each block.

**K. Emergency Measures.** Additional measures and/or other special requirements necessary during periods of critical fire-weather conditions shall be included in the fire prevention and suppression plan.

**L. Welding.** Welding and use of cutting torches or cutoff saws will be permitted only in areas that have been cleared or are free of all material capable of carrying fire. Flammable debris and vegetation must be removed from within a minimum 10-foot radius of all welding and cutting operations. A shovel and a 5-gallon standard backpack water container filled and with hand pump attached shall be immediately available for use in the event of a fire start.

CT8.66# – USE OF TIMBER (4/04).

(a) This contract is subject to the Forest Resources Conservation and Shortage Relief Act of 1990, as amended (16 USC 620, *et seq.*).

(b) Except for None determined pursuant to public hearing to be surplus, unprocessed Included Timber shall not be exported from the United States nor used in direct or indirect substitution for unprocessed timber exported from private lands by Purchaser or any person as defined in the Act (16 USC 620e).

(c) Timber in the following form will be considered unprocessed:

(i) Trees or portions of trees or other roundwood not processed to standards and specifications suitable for end product use;

(ii) Lumber, construction timbers, or cants intended for remanufacturing not meeting standards defined in the Act (16 USC 620e); and

- (iii) Aspen or other pulpwood bolts exceeding 100 inches in length.
- (d) Unless otherwise agreed in writing, unprocessed Included Timber shall be delivered to a domestic processing facility and shall not be mixed with logs intended for export.
- (e) Prior to award, during the life of this contract, and for a period of 3 years from Termination Date, Purchaser shall furnish to Forest Service, upon request, records showing the volume and geographic origin of unprocessed timber from private lands exported or sold for export by Purchaser or affiliates.
- (f) Prior to delivering unprocessed Included Timber to another party, Purchaser shall require each buyer, exchange, or recipient to execute an acceptable agreement that will:
  - (i) Identify the Federal origin of the timber;
  - (ii) Specify domestic processing for the timber involved;
  - (iii) Require the execution of such agreements between the parties to any subsequent transactions involving the timber;
  - (iv) Require that all hammer brands and/or yellow paint must remain on logs until they are either legally exported or domestically processed, whichever is applicable; and
  - (v) Otherwise comply with the requirements of the Act (16 USC 620d).
- (g) No later than 10 days following the execution of any such agreement between Purchaser and another party, Purchaser shall furnish to Forest Service a copy of each such agreement. Purchaser shall retain, for 3 years from Termination Date, the records of all sales, exchanges, or dispositions of all Included Timber.
- (h) Upon request, all records dealing with origin and disposition of Included Timber shall be made available to Contracting Officer.
- (i) For breach of this Subsection, Forest Service may terminate this contract and take such other action as may be provided by statute or regulation, including the imposition of penalties. When terminated by Forest Service under this Subsection, Forest Service will not be liable for any Claim submitted by Purchaser relating to the termination.