

# PART III: EXHIBITS

State Timber Sale Contract  
No. CS-341-2019-GF7418-07  
Long Ridge GNA

EXHIBIT B

Page 1 of 3  
629-Form 341-203  
Revised 06/97

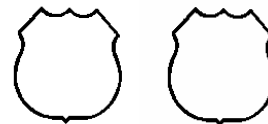
## OREGON DEPARTMENT OF FORESTRY

### TIMBER SALE OPERATIONS PLAN

(See Page 2 for instructions)

Date Received by STATE: \_\_\_\_\_

(5) State Brand Information (complete):



(1) Contract No.: CS-341-2019-GF7418-07

(2) Sale Name: Long Ridge GNA

(3) Contract Expiration Date: 12/1/19

Project Completion Dates: \_\_\_\_\_

(4) Purchaser: \_\_\_\_\_

\_\_\_\_\_

(6) Purchaser Representatives:

|                 |              |                            |             |
|-----------------|--------------|----------------------------|-------------|
| Projects: _____ | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Projects: _____ | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Projects: _____ | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Projects: _____ | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Logging: _____  | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Logging: _____  | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Logging: _____  | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Logging: _____  | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |

(7) State Representatives:

|                 |              |                            |             |
|-----------------|--------------|----------------------------|-------------|
| Projects: _____ | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |
| Logging: _____  | Phone: _____ | Cell/Other<br>Phone: _____ | Home: _____ |

(8) Name of Subcontractors & Starting Dates:

|                               |             |              |
|-------------------------------|-------------|--------------|
| Projects: No(s) _____ - _____ | Date: _____ | Phone: _____ |
| No(s) _____ - _____           | Date: _____ | Phone: _____ |
| No(s) _____ - _____           | Date: _____ | Phone: _____ |
| No(s) _____ - _____           | Date: _____ | Phone: _____ |
| Logging: Felling _____        | Date: _____ | Phone: _____ |
| Yarding: _____                | Date: _____ | Phone: _____ |

(9) Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(10) Operations Map: Attach a copy of timber sale Exhibit A or other suitable map which plainly shows the items listed on the instruction sheet.

EXHIBIT B

INSTRUCTION SHEET FOR OPERATIONS PLAN

**SUBMIT ONE COPY OF PLAN TO STATE**

Operations shall be limited to the work shown in the plan until a revised plan or supplemental plan is submitted covering additional work. Compliance with this plan is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act. If STATE has prepared a required Forest Practices Act (FPA) "Written Plan" for operations, PURCHASER shall comply with all provisions of the Written Plan.

**Explanation of Item No. (from Page 1)**

- (5) All sales require you to use a brand furnished by STATE. If the State brand has not been assigned when the plan is submitted, it will be furnished and assigned later. Complete drawing. If more than one brand is assigned to the sale, complete both drawings.
- (6) The contract requires you to have a designated representative available on the sale area or work location who is authorized to receive in your behalf any notice or instruction given by STATE and to take action in regard to performance under the contract. If logging and project work is widely separated, a representative is required for each.
- (7) The STATE representative will be designated when your plan is approved and is the person who will inspect and issue instructions regarding performance.
- (8) Show names of subcontractors to be used for any or all phases of the operations. If subcontractors are not known, or are changed later, give notification to the STATE representative prior to commencement of work by subcontractor.

Show projected dates for commencement of both projects and logging. If projected dates need to be changed at a later date, notification must be given to the STATE representative by supplemental plan or otherwise, prior to commencement of such operations.

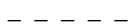
- (10) The STATE representative will furnish extra copies of Exhibit A of the contract for your use in preparing the operations map. The map shall use the following legend and show:
  - 1. Landing locations, approximate setting boundaries, and probable sequence of logging the settings. Number the settings in sequence.
  - 2. Locations of spur roads planned for construction, other than those required by the timber sale contract. Provide spur road specifications.
  - 3. Location of proposed tractor yarding roads. Show if and how marked on the ground.
  - 4. Location of temporary stream crossings.
  - 5. List the sequence of performing project work.
  - 6. Location of rock sources - attach pit development plans.



Cable Landing, with numbers for sequence.



Tractor Landing with alphabetical sequence.



Approximate setting boundary.



Spur truck roads.



Tractor yarding roads.



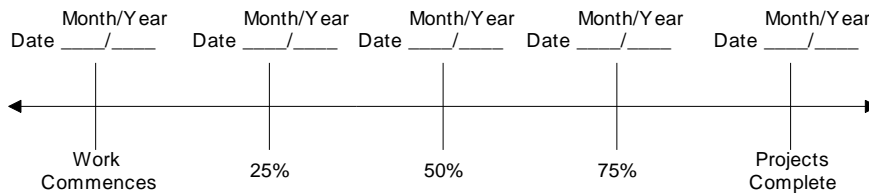
Temporary stream crossings.

EXHIBIT B  
 OPERATIONS PLAN

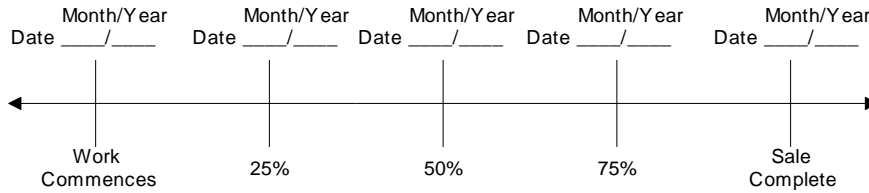
**Completion Timeline**

Indicate on the appropriate timeline below, the dates by which you plan to complete the work as required under this contract. The purpose of this section is to develop a plan that will ensure you complete the work as required, and meet the interim completion date(s) and contract expiration date. This plan is incorporated and made a part of the contract. When, in the opinion of STATE, operations are not commencing in a manner that meets the intent of this plan, you may be placed in violation of contract and your operations suspended until an amended plan is submitted and approved by STATE.

**Projects**



**Harvest & Other Requirements**



**The Federal Endangered Species Act (ESA) prohibits a person from taking any federally listed threatened or endangered species. Taking under the federal ESA may include alteration of habitat. STATE's approval of this plan does not certify that PURCHASER's operation under the plan is lawful under the federal ESA. As provided in the timber sale contract, PURCHASERS must comply with all applicable state, federal, and local laws.**

**PURCHASER's compliance with this plan is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act.**

APPROVED: Date: \_\_\_\_\_

SUBMITTED BY:  
 PURCHASER

STATE OF OREGON - DEPARTMENT OF FORESTRY

\_\_\_\_\_  
 Title \_\_\_\_\_

\_\_\_\_\_  
 Title \_\_\_\_\_

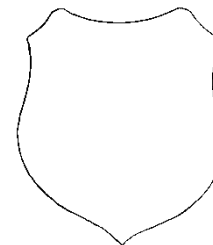
Original: Salem  
 cc: District File  
 Unit  
 Purchaser  
 Operator  
 (Purchaser Representative) \_\_\_\_\_

**EXHIBIT C – SAWMILL GRADE (EASTSIDE SCALE)**

**SCALING INSTRUCTIONS -- LOCATION APPROVAL -- BRAND INFORMATION**

- (1) ORIGINAL REGISTRATION  Date \_\_\_\_\_  
 REVISION NUMBER \_\_\_\_\_  Date \_\_\_\_\_  
 CANCELLATION  Date \_\_\_\_\_
- (2) TO: \_\_\_\_\_  
 (Third Party Scaling Organization)
- (3) FROM: Western Lane/Coos Phone 541-267-4136  
 (State Forestry District)  
 Address 63612 Fifth Road, Coos Bay, OR. 97420
- (4) PURCHASER: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_

- (9) SALE NAME: Long Ridge GNA  
 COUNTY: Curry
- (10) STATE CONTRACT NO: CS-341-2019-GF7418-07
- (11) STATE BRAND REGISTRATION NUMBER:  
 \_\_\_\_\_
- (12) STATE BRAND INFORMATION (COMPLETE):



- (13) PAINT REQUIRED: YES   
 COLOR: Green

| (5) MINIMUM SCALING SPECIFICATIONS |                         |                    |
|------------------------------------|-------------------------|--------------------|
| SPECIES                            | SCALING DIAMETER INCHES | MINIMUM NET VOLUME |
| Conifers                           | -                       | 10                 |
|                                    |                         |                    |
|                                    |                         |                    |

\* Apply minimum volume test to whole logs over 20' Eastside.

- (6) EASTSIDE SCALE: YES  NO   
 Use Region 6 actual taper rule. Logs over 40'.
- (7) Weight Scale Sample

| (14) SPECIAL REQUESTS (Check applicable)                 |                                     |
|--|-------------------------------------|
| PEELABLE CULL (all species) .....                        | <input type="checkbox"/>            |
| <b>NO DEDUCTIONS ALLOWED FOR MECHANICAL DAMAGE</b> ..... | <input checked="" type="checkbox"/> |
| PENCIL BUCK .....  | <input type="checkbox"/>            |
| ADD-BACK VOLUME - Deductions due to delay .....          | <input type="checkbox"/>            |
| OTHER:   |                                     |

| (8) APPROVED SCALING LOCATIONS<br>(as shown on the ODF Approved Locations web-site) | Species | Yard | Truck | Weight |
|---|---------|------|-------|--------|
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |
|   |         |      |       |        |

- (15) REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Operator's Name (Optional inclusion by District): \_\_\_\_\_

- (16) SIGNATURES:  
 \_\_\_\_\_ Date  
 Purchaser or Authorized Representative
- \_\_\_\_\_ Date  
 State Forester Representative
- \_\_\_\_\_  
 State Forester Representative PRINT NAME

**Notify the District within one hour when branding or painting is inadequate for quick identification, the receipts are missing, not correctly or completely filled out, and/or when logs presented for scaling are impossible to scale accurately.**

**EXHIBIT C – SAWMILL GRADE**  
INSTRUCTIONS FOR FORM 343-307a (rev. 11/11)

- (1) Check appropriate box. REVISION NUMBER requires comments. CANCELLATION requires logging and hauling to be complete, recall branding hammers, date and sign where indicated, write diagonally across page "CANCEL", and send to TPSO.
- (2) Designate Third Party Scaling Organization (TPSO).

Columbia River Log Scaling & Grading Bureau  
P.O. Box 7002, Eugene, OR 97401  
Phone: (541) 342-6007 Fax: (541) 342-2631  
Email: [services@crls.com](mailto:services@crls.com)

Pacific Rim Log Scaling Bureau, Inc.  
8288 28<sup>th</sup> Court North East, Lacey, WA 98516  
Phone: (360) 528-8710 Fax: (360) 528-8718  
Email: [office@prlsb.com](mailto:office@prlsb.com)

Mountain Western Log Scaling & Grading Bureau  
P.O. Box 580, Roseburg, OR 97470  
Phone: (541) 673-5571 Fax: (541) 672-6381  
Email: [info@mwlsqb.com](mailto:info@mwlsqb.com)

Yamhill Log Scaling & Grading Bureau  
P.O. Box 709, Forest Grove, OR 97116  
Phone: (503) 359-4474 Fax: (503) 359-4476  
Email: [yamhill@attglobal.net](mailto:yamhill@attglobal.net)

Northwest Log Scalers, Inc.  
5526 NE 122<sup>nd</sup> Ave, Portland, OR 97230  
Phone: (503) 254-0600 Fax: (503) 408-0919  
Email: [info@nwlogscalers.com](mailto:info@nwlogscalers.com)

Pacific Log Scaling & Grading Bureau, Inc.  
P.O. Box 23939, Portland, OR 97281  
Phone: (503) 684-5599 Fax: (503) 639-4880  
Email: [PacLogScale@aol.com](mailto:PacLogScale@aol.com)

- (3) State District office, address and phone.
- (4) Enter Purchaser's business name, address, and phone number as it appears on the Contract.
- (5) Minimum Scaling Specifications. Scaling diameter inches is used for pencil buck minimum diameter.
- (6) Eastside – Region 6 actual taper/taper table segment scale. Check Yes or No. Special Service Rules on file with TPSO. See: Segment Scaling and Grading of Long Logs -- All Species -- State Forestry Department Scaling Practices (Northwest Log Rules Eastside). Items with \* follow U.S. Forest Service Eastside rules.
- (7) Weight Scale Sample – Check box if sale is to be a Weight Scale Sample. All specifics for handling, scaling and processing will be attached or explained in the Remarks section Item (15).
- (8) Show scaling locations only applicable to TPSO. Location name should appear as it does on the ODF Approved Scaling Location web site: [http://www.odf.state.or.us/DIVISIONS/management/asset\\_management/ScalingLocation.asp](http://www.odf.state.or.us/DIVISIONS/management/asset_management/ScalingLocation.asp) Locations with scaling and processing directions specific to their location should be on a separate form. Species should be identified if not capable of receiving "all" species. Check appropriate box for either: yard, truck scale, or weight. Refer to the web site listed above for the locations approval status.
- (9) Enter sale name and county.
- (10) Enter sale Contract number.
- (11) Enter Oregon's State Brand Registry Number **(REQUIRED)**.
- (12) Show brand assigned to timber sale. One brand only. If more than one brand is assigned to the sale: (1) make a separate form for each brand and (2) on each form, explain and show other brand(s) in the Remarks section Item (15).
- (13) Check yes for Paint Required and designate "Orange" for color. Non required removal volumes may sometimes require blue paint.
- (14) Special Requests. These are requests that will be applied to ODF timber sales. All boxes applicable to the timber sales designated in the Exhibit C form must be "marked". If "Other" is indicated, it must contain a description and any necessary comments.
- (15) Use this space to designate any weight conversion factors, per load volumes, weight scale sample instructions or any other explanations to clarify scaling, processing and/or mailing requirements. If additional scaling locations are approved, revise original or current form showing all (old and new) locations. Check REVISION box at top of form and explain under remarks. Route as indicated.
- (16) Require purchaser to sign and date completed form in addition to State Forester Representative, sign and print name on the form.

**Salem Distribution Instructions:** Original will be mailed to Salem after it is electronically scanned and placed in the Salem transfer drive \\WPODFILL01\Transfer\ScalingInstructions or e-mailed directly to [scaling@odf.state.or.us](mailto:scaling@odf.state.or.us). Scaling instructions for each brand should be scanned separately, for each approved TPSO.

**Distribution (See specific instructions on pg. 2): ORIGINAL: Salem / COPIES: TPSO, Approved Scaling Location, Purchaser, District, Mgmt. Unit**

**EXHIBIT C – PULP SORT**

**PROCESSING INSTRUCTIONS -- LOCATION APPROVAL -- BRAND INFORMATION**

(1) ORIGINAL REGISTRATION  Date \_\_\_\_\_  
REVISION NUMBER \_\_\_\_\_  Date \_\_\_\_\_  
CANCELLATION  Date \_\_\_\_\_

COUNTY: Curry

(2) TO: \_\_\_\_\_  
(Approved Pulp Processing Facility)

(10) STATE CONTRACT NO: CS-341-2019-GF7418-07

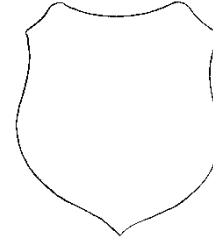
(3) FROM: Western Lane/Coos Phone 541-267-4136  
(State Forestry District)

(11) STATE BRAND REGISTRATION NUMBER \_\_\_\_\_

(4) PURCHASER: \_\_\_\_\_

(12) STATE BRAND INFORMATION: (COMPLETE BELOW)

(5) Scaling Bureau (TPSO) Processing Weight receipts:



Mailing Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

**(6) STATE Definition of Approved Pulp Sort:**

- Top portion of the tree (tops).
- All logs with a diameter (Big End) greater than 12" inches marked with blue paint.

(13) REMARKS: \_\_\_\_\_

**(7) PULP FACILITY PROCESSING INSTRUCTIONS:**

Operator's Name (Optional inclusion by District):

- Pulp loads shall be weighed in lieu of scaling.
- One Ton = 2000 lbs. (Short Ton).
- Pulp loads shall have a yellow Log Load Receipt attached.
- Gross weight and truck tare weight for each load shall be machine printed on the weight receipt.
- Weigher shall sign the weight receipt.
- Weigher shall record the Log Load Receipt number on the weight receipt.
- Weigher shall attach the Weight receipt to the Log Load Receipt and mail them weekly to the TPSO processing the Weight receipt.

(14) SIGNATURES:

\_\_\_\_\_  
Purchaser or Authorized Representative Date

\_\_\_\_\_  
State Forester Representative Date

\_\_\_\_\_  
State Forester Representative PRINT NAME

**(8) TPSO PROCESSING INSTRUCTIONS**

- Mail to ODF weekly.

(9) SALE NAME: Long Ridge GNA

**Notify the District within one hour when branding is inadequate for quick identification, the logs are marked with orange paint, the receipts are missing, not correctly or completely filled out, and/or logs do not meet the specifications of the STATE definition of Approved Pulp Sort.**

**Distribution: ORIGINAL: Salem / COPIES: TPSO, Approved Pulp Processing Location, Purchaser, District, Mgmt. Unit**

**EXHIBIT C – PULP SORT**  
INSTRUCTIONS FOR FORM 343-307b (rev. 11/11)

- (1) **Must Complete.** Check appropriate box. REVISION NUMBER requires comments in the Remarks Section (13). CANCELLATION requires logging and hauling to be complete, recall branding hammers, date and sign where indicated, write diagonally across page "CANCEL", and send to TPSO.
- (2) **Must Complete.** Approved Pulp Processing Facility. Write in as written in the Approved Log Delivery Location [http://www.odf.state.or.us/DIVISIONS/management/asset\\_management/ScalingLocation.asp](http://www.odf.state.or.us/DIVISIONS/management/asset_management/ScalingLocation.asp)
- (3) **Must Complete.** State Forestry District and District Phone Number.
- (4) **Must Complete.** Purchaser's business name as it appears on the Contract.
- (5) **Must Complete.** Third Party Scaling Organization that will be processing the weight tickets, mailing address, and phone number.

Columbia River Log Scaling & Grading Bureau  
P.O. Box 7002, Eugene, OR 97401  
Phone: (541) 342-6007 Fax: (541) 342-2631  
Email: [services@crls.com](mailto:services@crls.com)

Pacific Rim Log Scaling Bureau, Inc.  
8288 28<sup>th</sup> Court North East, Lacey, WA 98516  
Phone: (360) 528-8710 Fax: (360) 528-8718  
Email: [office@prlsb.com](mailto:office@prlsb.com)

Mountain Western Log Scaling & Grading Bureau  
P.O. Box 580, Roseburg, OR 97470  
Phone: (541) 673-5571 Fax: (541) 672-6381  
Email: [info@mwlsgb.com](mailto:info@mwlsgb.com)

Yamhill Log Scaling & Grading Bureau  
P.O. Box 709, Forest Grove, OR 97116  
Phone: (503) 359-4474 Fax: (503) 359-4476  
Email: [yamhill@attglobal.net](mailto:yamhill@attglobal.net)

Northwest Log Scalers, Inc .  
5526 NE 122<sup>nd</sup> Ave, Portland, OR 97230  
Phone: (503) 254-0600 Fax: (503) 408-0919  
Email: [info@nwlogscalers.com](mailto:info@nwlogscalers.com)

Pacific Log Scaling & Grading Bureau, Inc.  
P.O. Box 23939, Portland, OR 97281  
Phone: (503) 684-5599 Fax: (503) 639-4880  
Email: [PacLogScale@aol.com](mailto:PacLogScale@aol.com)

- (6) **Must Complete.** Big end log not to exceed 10 inches. Big end of log is not to exceed 2 inches greater than the minimum removal specifications in the contract. Example: Minimum removal specifications 6 inches and 20 board feet, then the Big end of log not to exceed 8 inches. When conifer and hardwood removal specifications are different, use the smaller removal diameter to determine this specification.
- (9) **Must Complete.** Enter sale name and county. If more than one county write in all the counties that the sale is located in.
- (10) **Must Complete.** Enter sale Contract number.
- (11) **Must Complete.** Enter Oregon's State Brand Registry Number **(REQUIRED)**.
- (12) **Must Complete.** Show brand assigned to timber sale. One brand only. If more than one brand is assigned to the sale: (1) make a separate form for each brand and (2) on each form, explain and show other brand(s) in the Remarks section Item (13).
- (13) Use this section to list any special instructions or the reason for any revisions in section item (1).
- (14) **Must Complete.** Purchaser required to sign and date completed form in addition to State Forester Representative, sign and print name on the form.

**Salem Distribution Instructions:** Original will be mailed to Salem after it is electronically scanned and placed in the Salem transfer drive \\WPODFFILL01\Transfer\ScalingInstructions or e-mailed directly to [scaling@odf.state.or.us](mailto:scaling@odf.state.or.us) . Scaling instructions for each brand should be scanned separately, for each approved TPSO.

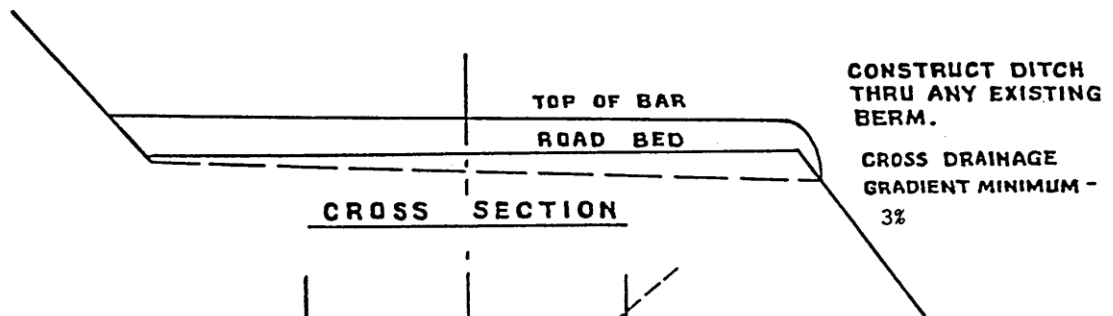
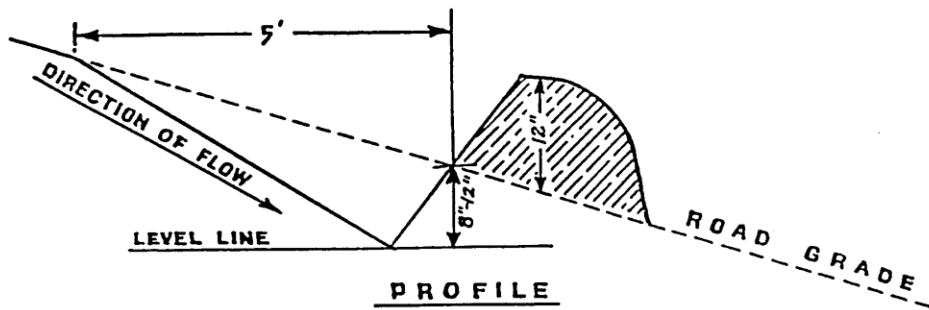
EXHIBIT D

TREATMENT SUBDIVISION SPECIFICATIONS

| Subdivision Number | Subdivision Width (ft.) | Side of Road | Acres | Subdivision Number | Subdivision Width (ft.) | Side of Road | Acres |
|--------------------|-------------------------|--------------|-------|--------------------|-------------------------|--------------|-------|
| 060-01             | 100                     | West         | 0.2   | 063-02             | 150                     | SW           | 4.4   |
| 060-02             | 100                     | North        | 0.3   | 063-03             | 150                     | West         | 0.4   |
| 060-03             | 100                     | West         | 0.6   | 063-04             | 200                     | NE           | 1.6   |
| 060-04             | 150                     | West         | 2.6   | 063-05             | 150                     | South        | 1.9   |
| 060-05             | 150                     | West         | 1.5   | 063-06             | 150                     | N/E          | 5.3   |
| 060-06             | 150                     | East         | 1.9   | 063-07             | 150                     | West         | 4.2   |
| 060-07             | 150                     | East         | 0.5   | 064-1              | 200                     | NW           | 12.0  |
| 060-08             | 100                     | North        | 0.2   | 064-2              | 200                     | SE           | 9.1   |
| 060-09             | 100                     | West         | 0.7   | 064-3              | 200                     | East         | 5.0   |
| 060-92             | 100                     | West         | 1.1   | 066-01             | 100                     | East         | 0.4   |
| 060-93             | 150                     | South        | 4.3   | 066-06             | 150                     | West         | 1.3   |
| 060-94             | 100                     | West         | 3.0   | 066-09             | 150                     | West         | 1.3   |
| 060-95             | 100                     | North        | 1.3   | 066-12             | 150                     | West         | 2.7   |
| 060-96             | 150                     | North        | 0.9   | 066-13             | 100                     | East         | 1.8   |
| 060-99             | 100                     | North        | 1.1   | 067-1              | 150                     | East         | 8.1   |
| 060-100            | 100                     | NE           | 0.7   | 067-2              | 150                     | West         | 7.3   |
| 060-101            | 150                     | SW           | 1.2   | 069-1              | 150                     | North        | 4.0   |
| 060-102            | 150                     | North        | 1.8   | 069-2              | 150                     | North        | 1.2   |
| 060-103            | 150                     | North        | 0.9   | 069-3              | 150                     | North        | 1.3   |
| 060-104            | 100                     | North        | 0.5   | 069-4              | 150                     | Northwest    | 2.1   |
| 060-105            | 100                     | NW           | 1.3   | 069-5              | 100                     | South        | 5.1   |
| 060-106            | 100                     | North        | 1.7   | 069-6              | 100                     | North        | 3.3   |
| 060-107            | 150                     | Southwest    | 8.9   | 080-004            | 100                     | West         | 0.6   |
| 060-108            | 150                     | Northeast    | 9.5   | 080-006            | 100                     | West         | 0.8   |
| 060-109            | 150                     | East         | 3.0   | 080-008            | 100                     | West         | 0.4   |
| 060-110            | 150                     | West         | 2.6   | 130-001            | 100                     | East         | 0.8   |
| 060-111            | 100                     | North        | 0.4   | 130-002            | 100                     | West         | 4.8   |
| 060-112            | 100                     | NE           | 0.5   | 130-006            | 100                     | North        | 0.6   |
| 060-296            | 100                     | East         | 0.7   | 140-006            | 100                     | North        | 1.9   |
| 060-300            | 150                     | West         | 0.9   | 140-007            | 150                     | South        | 1.4   |
| 061-01             | 100                     | West         | 1.9   | 601-02             | 150                     | South        | 3.5   |
| 061-02             | 150                     | East         | 1.0   | 601-03             | 150                     | West         | 1.2   |
| 062-01             | 150                     | North        | 0.9   | 602-01             | 100                     | North        | 0.5   |
| 062-03             | 150                     | South        | 0.1   | 602-02             | 150                     | South        | 2.2   |
| 062-04             | 100                     | North        | 0.7   |                    |                         |              |       |
| 063-01             | 150                     | NE           | 6.8   |                    |                         |              |       |

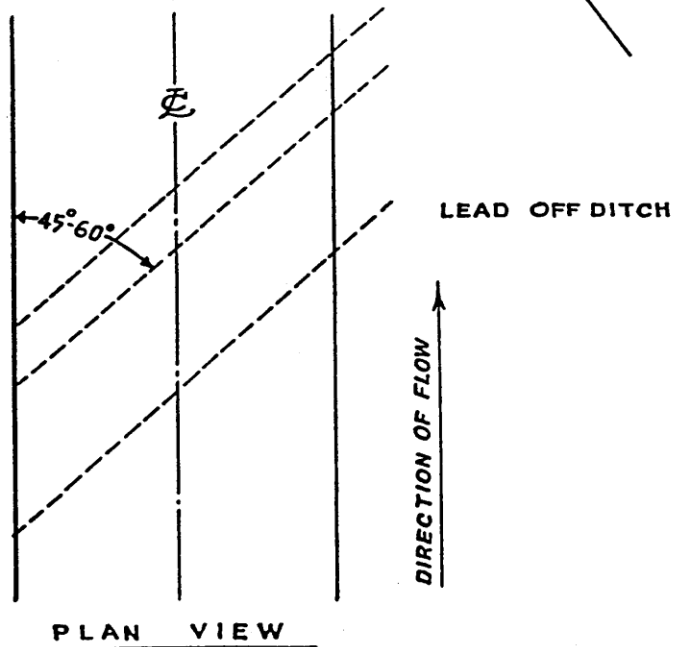


EXHIBIT E  
 WATERBAR SPECIFICATIONS



**SPACING OF WATERBARS**

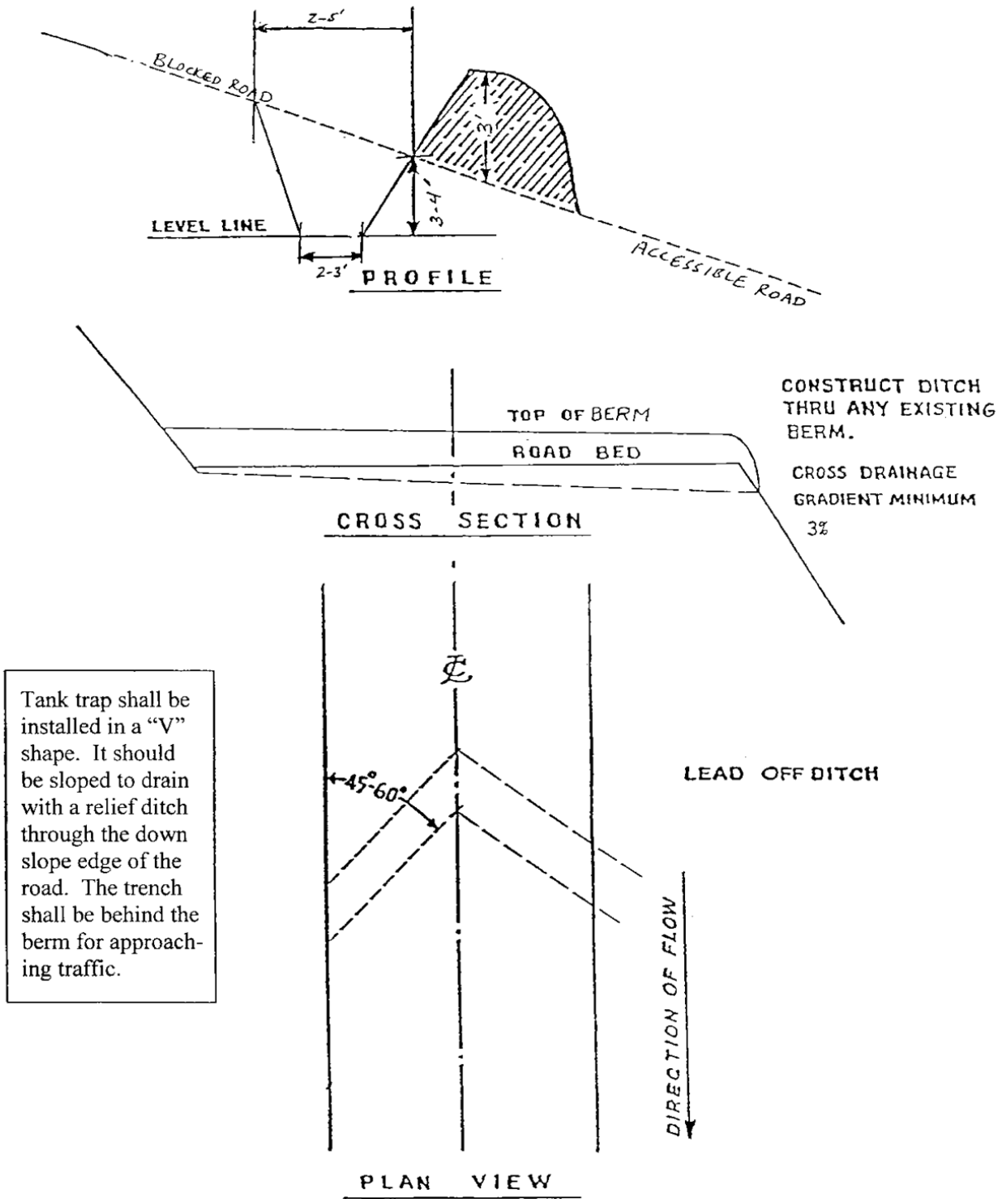
| ROAD GRADE        | DISTANCE |
|-------------------|----------|
| ≤ 5%              | 400'     |
| 6-10%             | 200'     |
| 11-15%            | 150'     |
| 16-20% or greater | 100'     |



**WATERBAR SPECIFICATIONS  
 FOR CROSS DITCHING #298**

EXHIBIT I

TANK TRAP SPECIFICATIONS



TANK TRAP SPECIFICATIONS