

**Yakima River Side Channel Flood Fence Project
Bid Documents
November 2, 2010**

**Attachment B
Plans**

GENERAL NOTES:

The NRCS Construction and Material Specifications are part of this plan and shall govern the installation of this project. This project shall be constructed to the lines and grades as shown in these plans and specifications.

Construction activities shall be performed in a manner that minimizes soil, water, and air pollution. Activities shall also be performed in a manner consistent with all safety regulations for work activities necessary for this installation.

The KCCD shall be notified immediately if any archaeological objects are encountered during construction. All work on the project shall cease until proper evaluations are made and construction clearances are given by KCCD.

PERMITS

The Owner, Operator, and/or Contactor shall comply with all Federal, State, or local laws, ordinances, and regulations that affect work under this agreement. The Contractor is ultimately responsible for ensuring that all the necessary permits are obtained for the work to be undertaken.

All the environmental and permitting documentation prepared and obtained to date are available at the KCCD office. It is the responsibility of the Contractor to ensure that all work is done in accordance with the terms and requirements of all necessary permits. The Contractor shall have available on-site copies of all permits. KCCD makes no claim that all of the necessary permits have been obtained.

UTILITIES

KCCD does not make any representation to the existence or nonexistence of any public and/or private buried or overhead utilities. Where utilities are shown on the drawings, their location, depth and/or height are approximate. The exact location, depth and/or height shall be determined by the responsible utility. Any construction and/or O&M activities with the utility easement shall be in conformance with the utilities requirements.

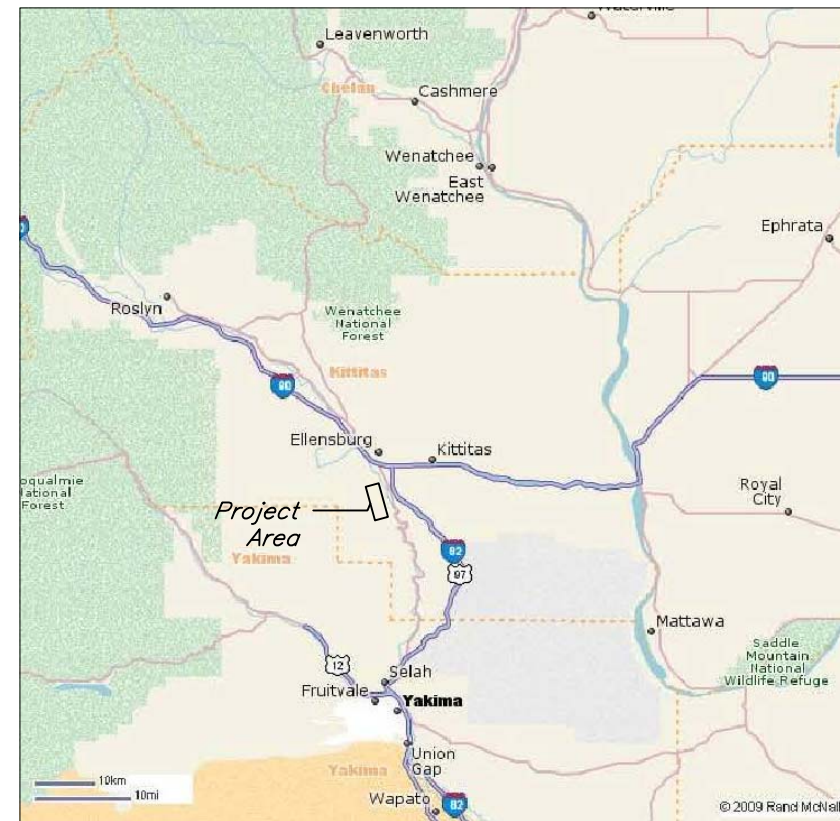
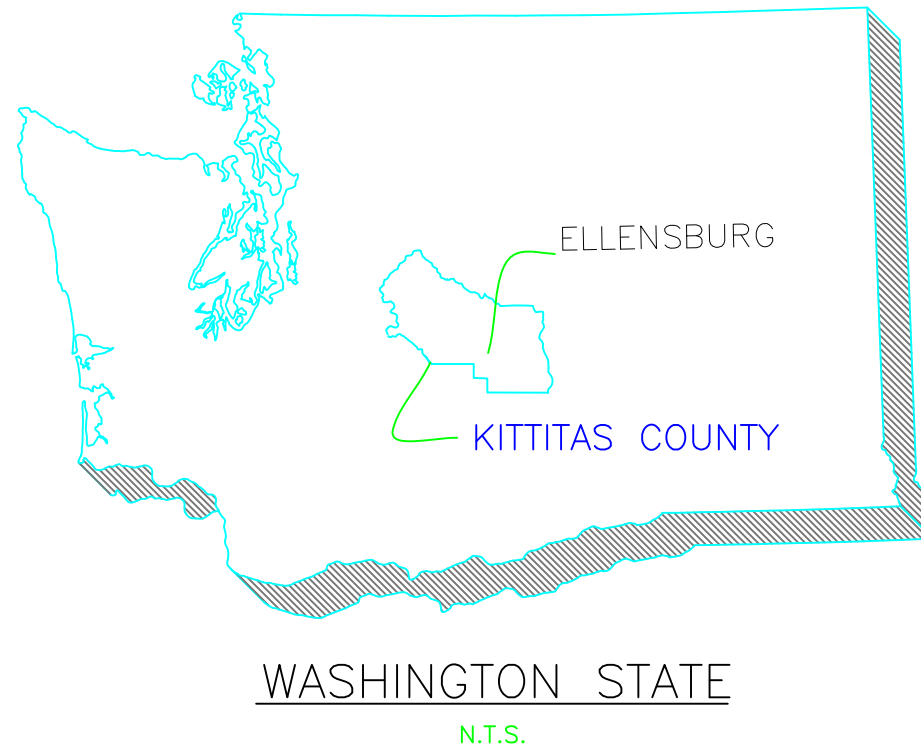
Acheson's Flood Fence Project

Sheet Index

Sheet 1 – Vicinity/Location Map

Sheet 2 – Plan View of Bole Installation

Sheet 3 – Profile View of Bole Installation



Date	5/10
Designed	RTR
Drawn	RTR
Checked	
Approved	

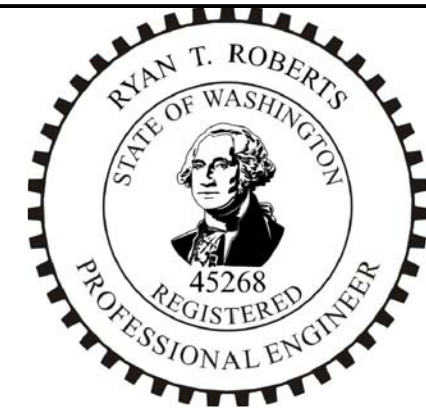
Acheson Flood Fence
Cover/Vicinity Map

Kittitas County
Conservation District
607 E. Mountain View Ave
Ellensburg WA 98926

File Name

Drawing Name

Sheet 1 of 3



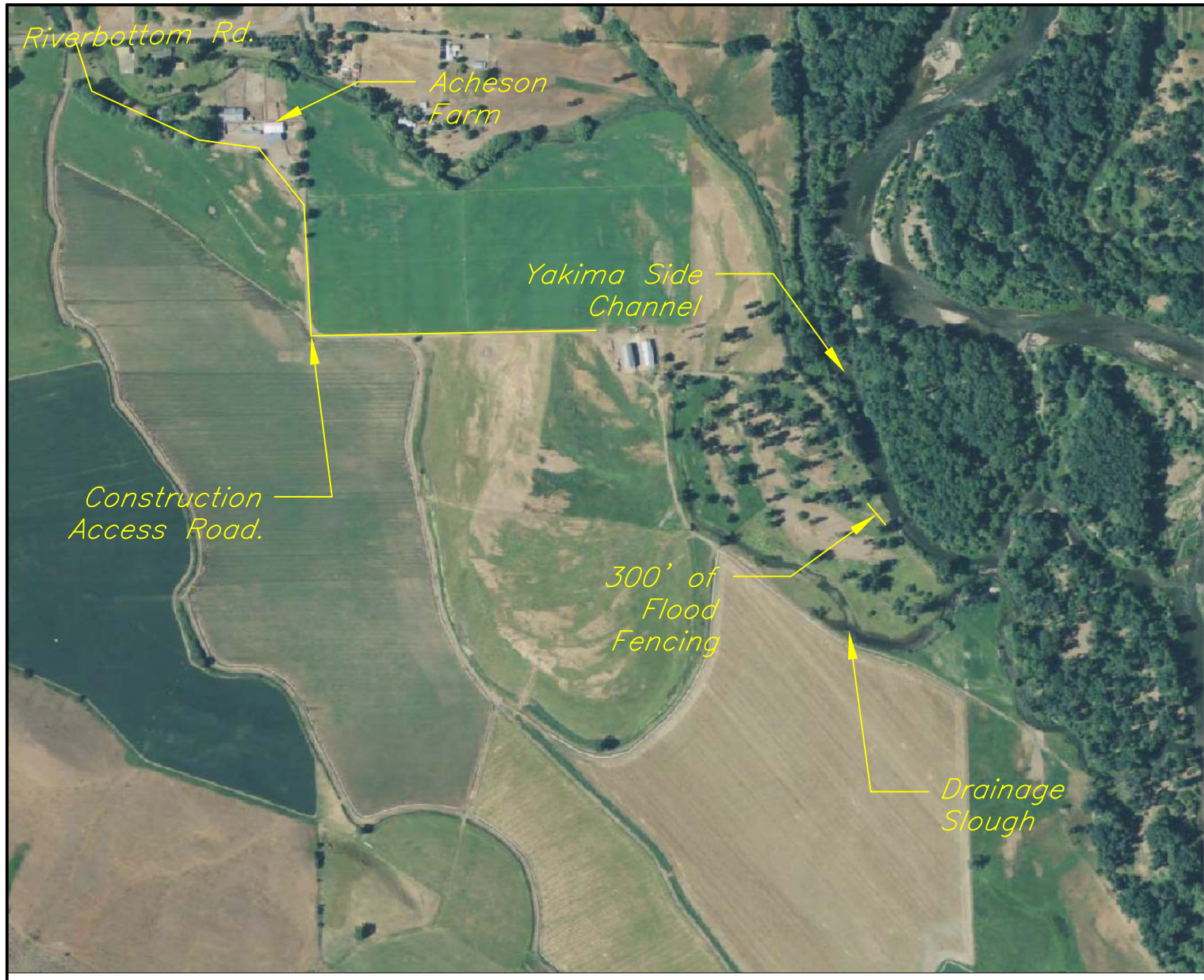
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Approved			

Acheson Flood Fence
Plan View of Installation

Kittitas County
Conservation District
607 E. Mountain View Ave
Ellensburg WA 98926

File Name

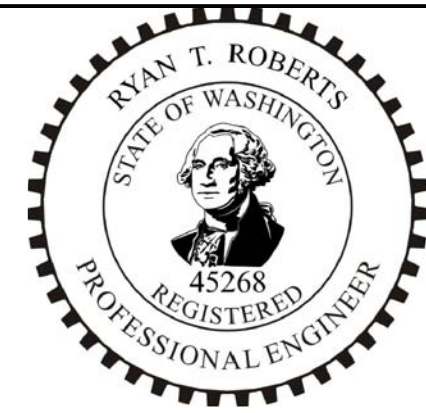
Drawing Name



All trees to be used as boles from the Acheson property shall be marked prior to the Contractor entering the work area. Marking trees shall be the responsibility of the Kittitas County Conservation District. The Contractor shall be responsible for felling, limbing, and sizing all trees to the specified lengths, as well as transporting trees from their original location to installation points. The Contractor shall create 3-4 centrally located slash piles where all limbs and excess bole material shall be placed. The slash piles shall be located such that they may be burned at a later date without endangering surrounding trees.

A total of 300' of flood fencing, requiring 91 boles, will be installed where shown on the photo. The centerline of the alignment will be marked every 50' with lath and flagging.

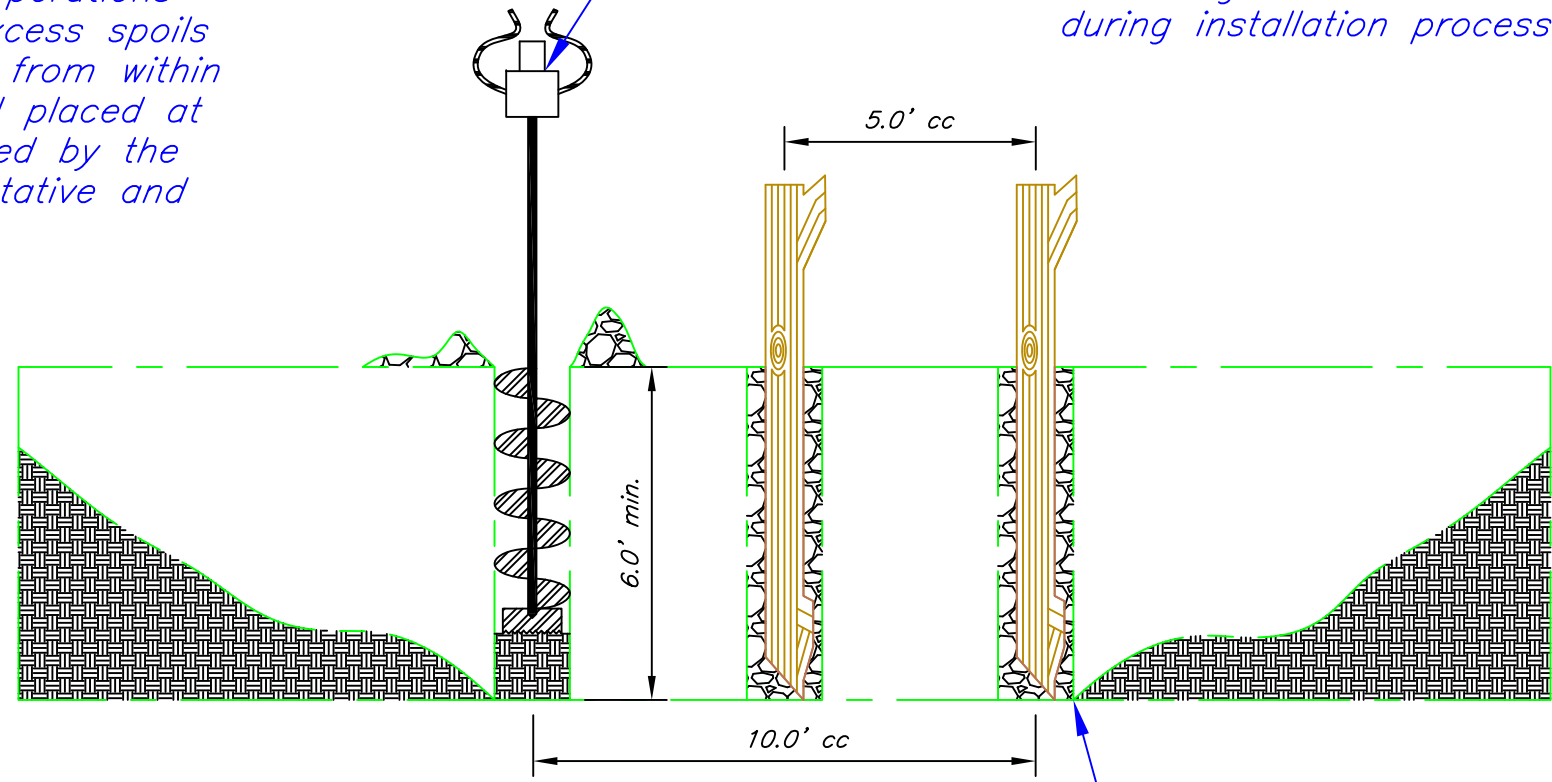




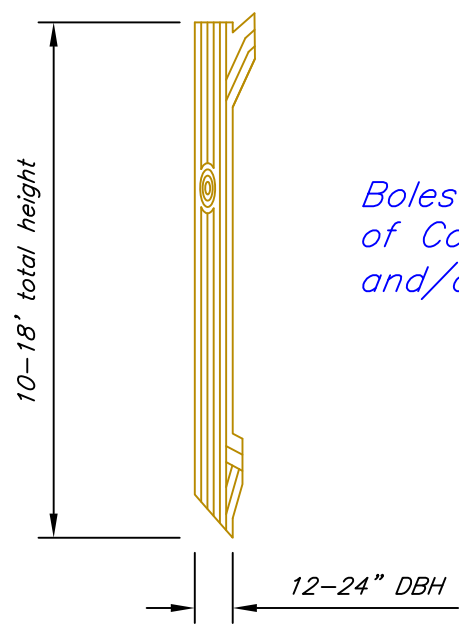
Designed	RTR	Date	5/10
Drawn	RTR	Checked	5/10
Approved			

Once all backfill operations are completed, excess spoils shall be removed from within the floodplain and placed at a location approved by the technical representative and landowner.

Auger attached to excavator or digger derrick. Auger shall be sized to provide clear space between bark of bole and sides of hole prior to backfilling. Care shall be taken to protect bark during installation process.



Backfill material shall be placed in accordance with Construction Specification CS-15. Material shall be compacted to match compaction of the surrounding undisturbed soils. Alternate methods of compaction may be used if approved and shown to be effective in preventing the creation of voids.



Boles shall consist of Cottonwood and/or Willow.

Acheson Flood Fence
Profile View of Installation

Kittitas County
Conservation District
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Ellensburg WA 98926

File Name

Drawing Name