**Appendix B: Handicap Ramps for 4 Play Areas at Tomales Community Park**

There are four (4) distinct play areas at Tomales Community Park, each with varying types of play equipment. In order for ADA playground certification, it is required to provide HANDICAP-COMPLIANT concrete ramps into these play areas. This project will require building 4 HANDICAP-COMPLIANT ramps at the four play areas in the Park.

The budget range for this project is $6,000 to $8,000.

**Site Conditions:**

Tomales Community Park will remain open during construction.

Use of nearby empty play area will be allowed for staging and storage of materials during the project.

A six foot security/construction fence around the empty play area perimeter during all phases of this project will be required.

Permission for access through neighboring church property must be obtained in writing prior to any commencement of work.

Removal and re-installation of fence section near empty play area to facilitate ramp project will be allowed with permission from the TVCSD Board.

Damage to surrounding landscape and HANDICAP-COMPLIANT pathways throughout the Park are to be kept to a minimum or fully repaired if damage occurs.

There is electrical power (20amp/110v only) available, water via hose bib, and public bathrooms for use at all times.

Work hours will be Monday-Friday, 8am-5pm, and Saturdays from 9am-5pm.

Loud equipment will be limited to weekdays; silent work will be permitted on Saturdays.

Site is to be rake/broom clean at the end of each work day. All materials, rubbish/recycling is to be stored within secure and fenced construction area until it is disposed.

**Construction Requirements**

The HANDICAP-COMPLIANT concrete ramps must be a minimum of 36 inches wide and a maximum of 6 feet long. The sides of the ramps must have a vertical curb that is a minimum of 2 inches high or have a cross slope of 2%. If the ramp is at the end of the box, there must be a curb on one side and a slope on the other side. If the ramp is in the center of the box, there is needed a side slope on both sides. The ramp should 8.3%. Most of the ramp will be under the surface of the EWF. Follow this link for more information:

[www.spease.com/files/Resources-Articles-Curb\_Ramps.pdf](http://www.spease.com/files/Resources-Articles-Curb_Ramps.pdf)

The HANDICAP-COMPLIANT path is tamped brown shale with fines (from Canyon Rock), 6” dp. X 4’-0” wide with maximum 2% side slope. Curbs are to be matching 1 x 6 grey Trex installed with #5 rebar stakes 4’-0” on center with emt. Connectors below curb level.

Any 90 degree turn @ HANDICAP-COMPLIANT path is to be a minimum 4’-0” radius to center of 4’-0” path, maximum 2% cross slope.

All finished concrete is to be dyed with “Davis Co.” tan color #5237 @ 4.5 pounds per yard.