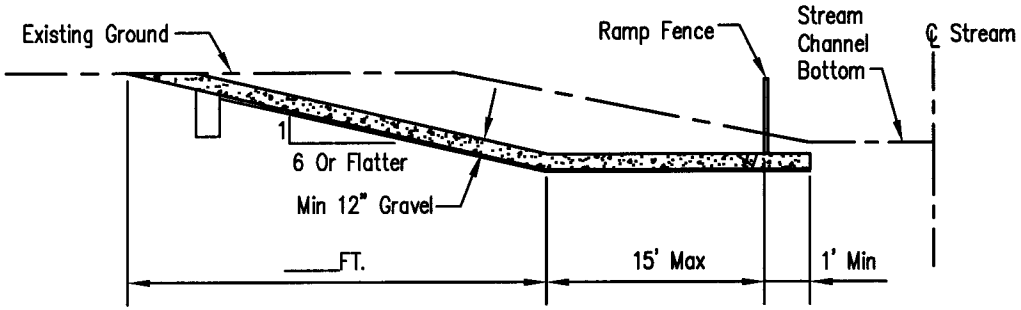
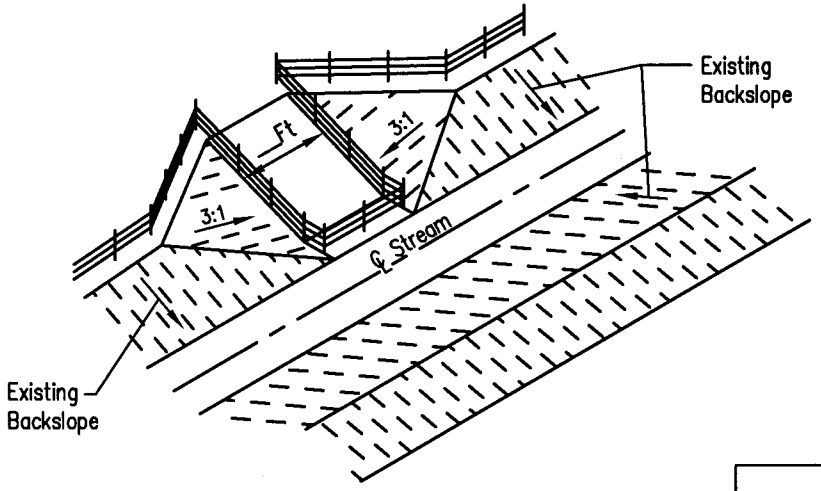


TYPICAL CROSS SECTION



ISOMETRIC VIEW

ESTIMATED QUANTITIES	
Gravel	Cu. Yd.
Excavation	Cu. Yd.
Ramp Fencing	Feet
Seeding	Acres

CAUTION: This detail should not be used on streams that do not have a reliable source of water.

NOTES:

1. Field Fence to be installed by others
2. Ramp Fence shall be constructed of Cattle Panels as shown on sheet 2.
3. Gravel shall be rock with D_{50} size ranging from 2 to 4 inches and maximum size of 5 inches. Surface to be covered with fine gravel or livestock.
4. Completed gravel placement to be compacted with construction equipment.
5. All disturbed areas not covered by gravel shall be seeded in accordance with IL FOTG Critical Area Standard.
6. Gravel shall extend a minimum of 1 foot outside fence on each side.
7. Width shall be as shown (12 feet minimum.
8. Excavated material shall be removed from site or placed at least 12 feet from top edge of back slope and spread so that its height does not exceed 2 feet. It shall have a free drainage surface and side slopes shall be 3:1 or flatter.
9. Ramp shall extend to 8 inches below channel bottom unless otherwise approved by engineer.
10. Geotextile fabric shall be non-woven needle punched with minimum weight of 9 ounces per square yard. Geotextile shall be anchored in a trench at top of ramp slope. Trench shall be 12 inches deep and be backfilled with compacted soil. Splices in geotextile shall be made by overlapping 18 inches and securely pinning to ground.
11. To prevent damage from sunlight all geotextile fabric shall be covered with gravel the same day.

Landowner		Location	

Date
Designed
Drawn 7/02
Checked
Approved

STREAMBANK WATERING RAMP

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

File No. IL-817
Drawing No.

Sheet 1 of 2

AUTOCAD2002