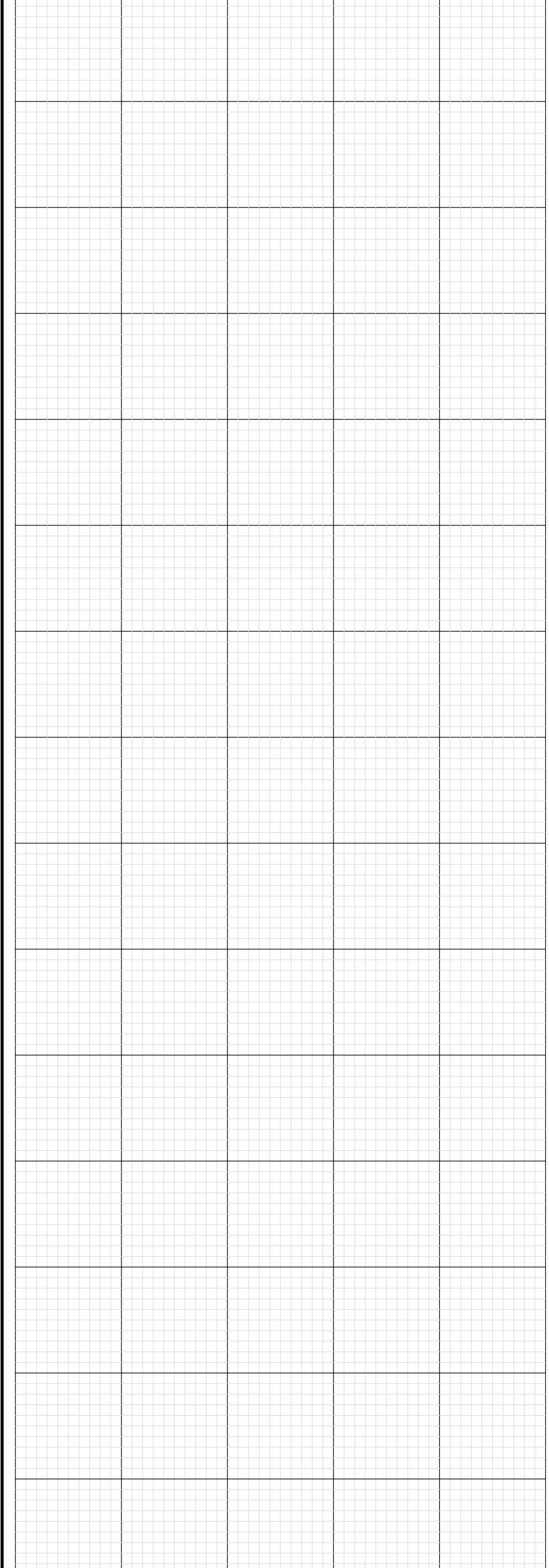

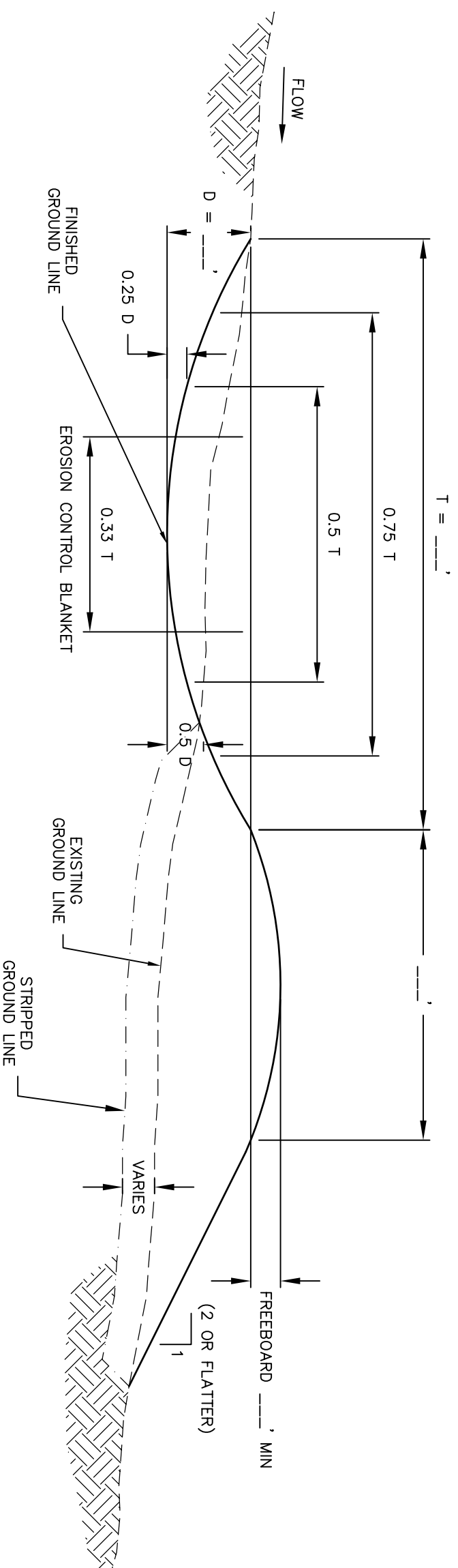


PLAN VIEW



Sheet 1 of 2	Drawing Name	File Name	DIVERSION PLAN-PROFILE	VERMONT	HAZARD CLASS LOW	 Natural Resources Conservation Service United States Department of Agriculture	Designed _____	Date _____
					JOB CLASS		Drawn _____	Checked _____

TYPICAL PARABOLIC CROSS-SECTION



CONSTRUCTION NOTES

1. THE DIVERSION SHALL BE CONSTRUCTED AT THE LOCATION MARKED IN THE FIELD.
2. THE BASE AREA OF THE DIVERSION AND RIDGE SECTION SHALL BE STRIPPED OF SOD, FROZEN MATERIAL, BRUSH, ROOTS, STONES OVER (6) INCHES IN DIAMETER, OR OTHER OBJECTIONABLE MATERIAL. ALL OBJECTIONABLE MATERIAL SHALL BE LEGALLY DISPOSED OF SO IT WILL NOT INTERFERE WITH THE PROPER FUNCTIONING OF THE DIVERSION AND OUTLET.
3. TOPSOIL SHALL BE REMOVED, STOCKPILED, AND REPLACED ON THE DIVERSION AFTER CONSTRUCTION.
4. FILL SHALL NOT BE PLACED ON FROZEN SURFACE. FILL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED (9) INCHES PRIOR TO COMPACTION. THE MOISTURE CONTENT OF THE FILL SHALL BE SUFFICIENT TO OBTAIN FIRM COMPACTION. COMPACTION SHALL BE ACCOMPLISHED BY THE ROUTING OF CONSTRUCTION EQUIPMENT OVER THE FILL SUCH THAT THE ENTIRE SURFACE OF EACH LAYER WILL BE TRAVERSED BY NOT LESS THAN (1) TRACK OF THE CONSTRUCTION EQUIPMENT.
5. ALL EARTH EXCAVATED AND NOT NEEDED IN THE CONSTRUCTION OF THE DIVERSION SHALL BE SPREAD ADJACENT TO THE DIVERSION OR SHALL BE DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH PROPER FUNCTIONING OF THE DIVERSION. ALL SPOIL AND DISPOSAL AREAS SHALL BE GRADED SMOOTH AND SHALL BE FREE DRAINING.

SEEDING NOTES

1. APPLY FERTILIZER AT THE FOLLOWING RATES:
 NITROGEN 50 LBS./AC.
 PHOSPHOROUS 50 LBS./AC.
 POTASSIUM 100 LBS./AC.
2. UNLESS OTHERWISE SPECIFIED, APPLY SEED AT THE FOLLOWING RATES:
 CREEPING RED FESCUE (ENSYLVA OR FLYER) 20 LBS./AC.
 REDTOP 2 LBS./AC.
 TALL FESCUE 20 LBS./AC.
3. AN ALTERNATIVE SEEDING MIXTURE MAY BE APPLIED WHEN AUTHORIZED BY AN APPROVING OFFICIAL.
4. APPLY A MULCH OF STRAW OR HAY AT A RATE OF 2 TONS/AC.

BILL OF MATERIALS

ITEM #	ITEM	QUANTITY	UNIT	CONSTRUCTION SPECIFICATIONS
1.	EARTHWORK		C.Y.	11
2.	EROSION CONTROL BLANKET		S.Y.	21
3.	SEEDING AND MULCHING		ACRE	52

DIVERSION
CROSS SECTION

VERMONT

HAZARD CLASS
LOW

JOB CLASS



Date _____

Designed _____

Drawn _____

Checked _____

Approved by _____

File Name _____

Drawing Name _____