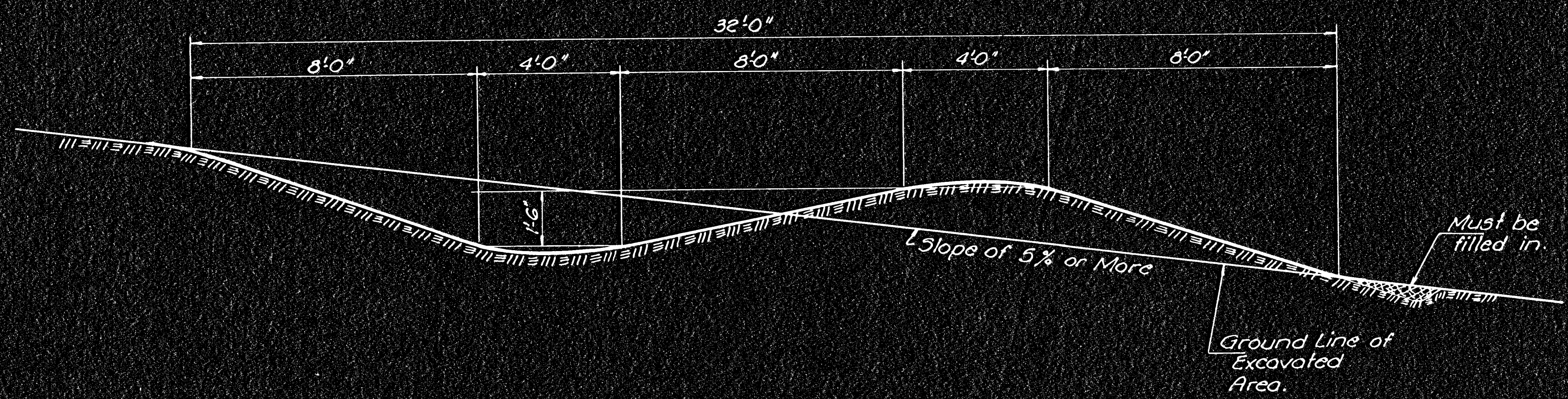
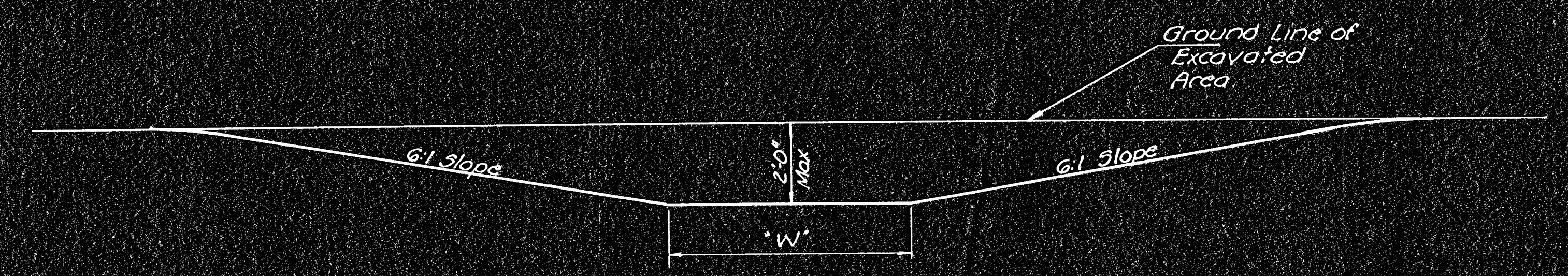


Slope %	Vertical Interval Feet	Horizontal Spacing Feet
1	2.65	265
2	3.30	165
3	3.95	132
4	4.60	110
5	5.25	105
6	5.90	98
7	6.55	94
8	7.20	90



TYPICAL SECTIONS OF GRADIENT TERRACES



TYPICAL SECTION OF OUTLET DITCH

Drainage Area above Ditch, Acres	Value of "W" for various % of Ditch Grades					
	3%	4%	5%	6%	7%	8%
2-5	8'	8'	8'	8'	12'	14'
5-8	8'	8'	8'	10'	12'	16'
8-11	8'	8'	8'	10'	12'	16'
11-14	8'	8'	8'	10'	14'	18'
14-17	8'	8'	8'	12'	14'	20'
17-20	8'	8'	8'	12'	14'	24'

GENERAL NOTE:
Terraces generally will not be required where the slope of the area is less than 3%. They shall be constructed on areas or portions of areas as designated by the engineer.
Terraces shall be made as nearly parallel as practicable. Gradients for terraces shall vary from 0.1% at upper end to 0.4% at lower end or a uniform grade may be used.
Outlet ditches shall be constructed at locations best suited to empty into a natural stream bed, or if this is not possible, into a road ditch or channel where erosion can be minimized.

NOTE:
This work shall be paid for under "Water Pollution Control (Soil Erosion) Lump Sum."

NOTE: All dimensions are approximate.

KANSAS DEPARTMENT OF TRANSPORTATION	
TEMPORARY PROJECT WATER POLLUTION CONTROL (SOIL EROSION)	
SHEET NO. OF	SCALE
DESIGNED <i>E.A.R.</i>	DETAILED <i>A.L.R.</i>
DESIGN CK. <i>T.R.G.</i>	DETAIL CK. <i>T.R.G.</i>
APPROVED <i>[Signature]</i>	QUANTITIES
TRACED <i>A.L.R.</i>	TRACE CK.