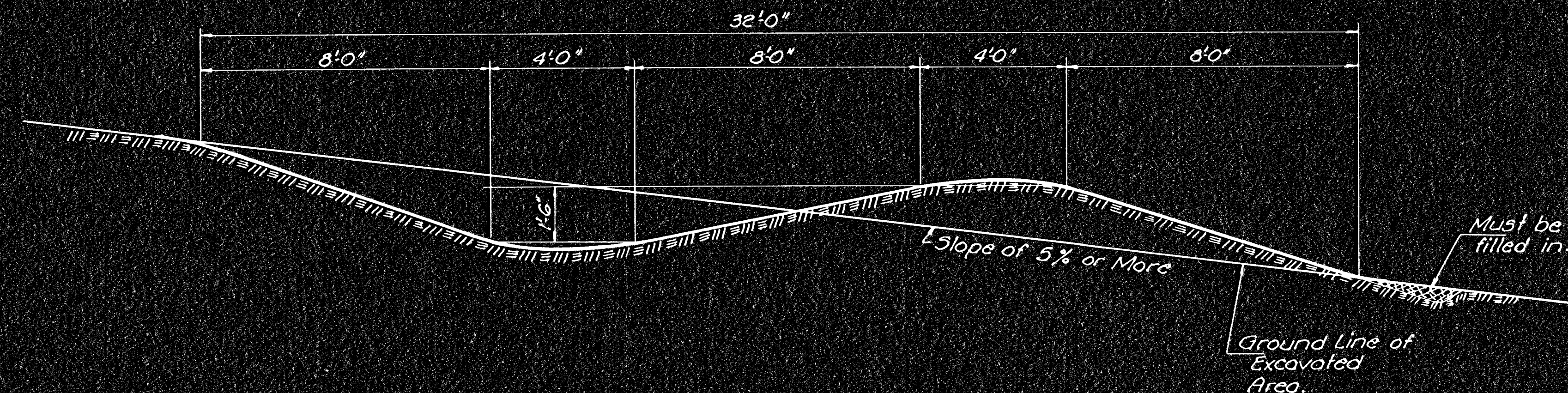
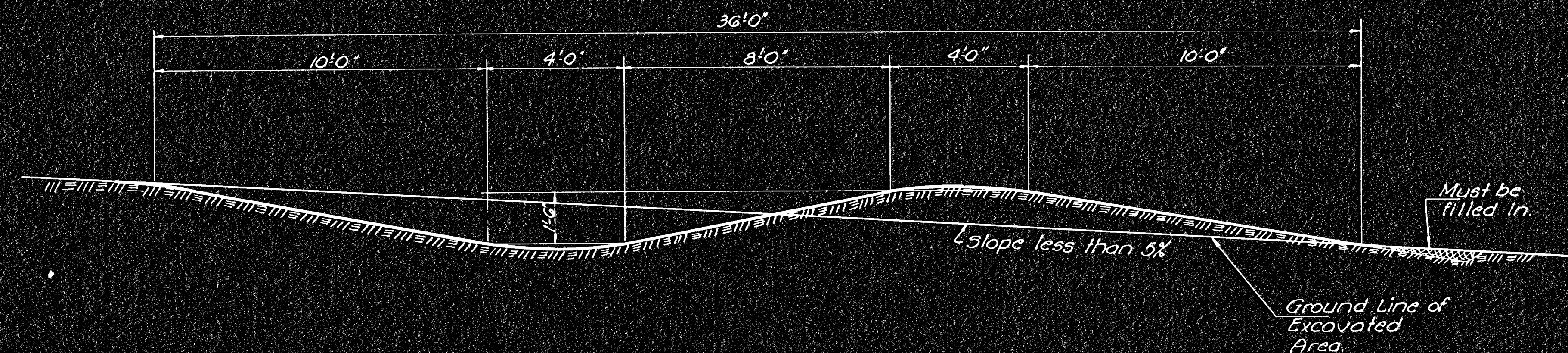




TYPICAL SECTIONS OF GRADIENT TERRACES



TYPICAL SECTION OF OUTLET DITCH

TABLE FOR VALUE OF "W" FOR 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'

TERRACE SPACING TABLE		
Slope %	Vertical Interval Feet	Horizontal Spacing Feet
1	2.65	265
2	3.30	165
3	3.95	132
4	4.60	115
5	5.25	105
6	5.90	98
7	6.55	94
8	7.20	90

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.

NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION				
TEMPORARY PROJECT WATER POLLUTION CONTROL (SOIL EROSION)				
SHEET NO.	OF	SCALE	APP'D	DATE
DESIGNED	P.R.	DETAILED	A.L.R.	QUANTITIES
DESIGN CK.	T.R.G.	DETAIL CK.	T.R.G.	QUAN. CK.