

THE ART OF ELEVATION

Enhancing your Model Railroad with Grades,
Contours and Elevations



MOST MODEL RAILROADER'S ARE EITHER AFRAID OF OR INTIMIDATED BY ADDING ELEVATION TO THEIR LAYOUTS . WHY ??
I AM GOING TO DISCUSS SOME EASIER
WAYS TO ADD ELEVATION CHANGES TO
A LAYOUT

THERE ARE TWO TYPES OF ELEVATION

- ▶ Positive
 - ▶ Negative
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- A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.

POSITIVE ELEVATION

- ▶ Hills
- ▶ Mountains
- ▶ Bridges
- ▶ Viaducts
- ▶ Buildings





EXAMPLES
HILLS



NOTICE THE ROCK OUTCROP



END OF THE ROAD USE YOUR
IMAGINATION



MOUNTAINS



GREAT WAY TO HIDE CURVED TRACK



DISGUISE CORNERS



BRIDGES, BOTH RAILROAD & VEHICULAR



BRIDGE USED AS VIEW BLOCK & SCENE CHANGER



OPPOSITE VIEW



TRESTLES



VEHICLE BRIDGES



BRIDGE TO CONCEAL HIDDEN TRACK



VIADUCTS TO RAISE A CITY



ANOTHER VIEW



BUILDINGS
CREATE MINI SCENE & ALLEYS



BUILDING AS VIEW BLOCK (CITY)



BUILDING AS VIEW BLOCK (RURAL)



CITY BUILDINGS
VARY STRUCTURE HEIGHTS /ANGLES
DETAIL ,DETAIL, DETAIL



PLACE SMALLER BUILDINGS IN FRONT
LARGE IN BACK

NEGATIVE ELEVATIONS

- ▶ Culverts
 - ▶ Rivers/Waterfalls
 - ▶ Harbors
 - ▶ Swamp
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- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against a blue gradient background.



CULVERTS
WATER HAS TO COME FROM SOMEWHERE



NOTICE NO WATER ON FAR SIDE OF
CULVERT IT'S NOT REAL, BUT IT LOOKS REAL



RIVERS & WATERFALLS



FOSCALE FALLS



RIVER- ONLY 4" DIFFERENCE IN ELEVATION

SMALL RIVER





HARBORS (6" AT EDGE OF LAYOUT)



HARBORS
(ALL THIS IN LESS THEN 2 SQ. FT.)



ONLY 1" IN DEPTH
THIS IS LATEST PROJECT LARGE NYC TYPE
HARBOR



SWAMP



RETAINING WALLS
BRICK

HOMEMADE GATOR FOAM



CONCRETE



STONE



ONLY $\frac{3}{4}$ " TALL



ROCK OUTCROPS



IN PROGRESS



IN PROGRESS

QUESTION'S

