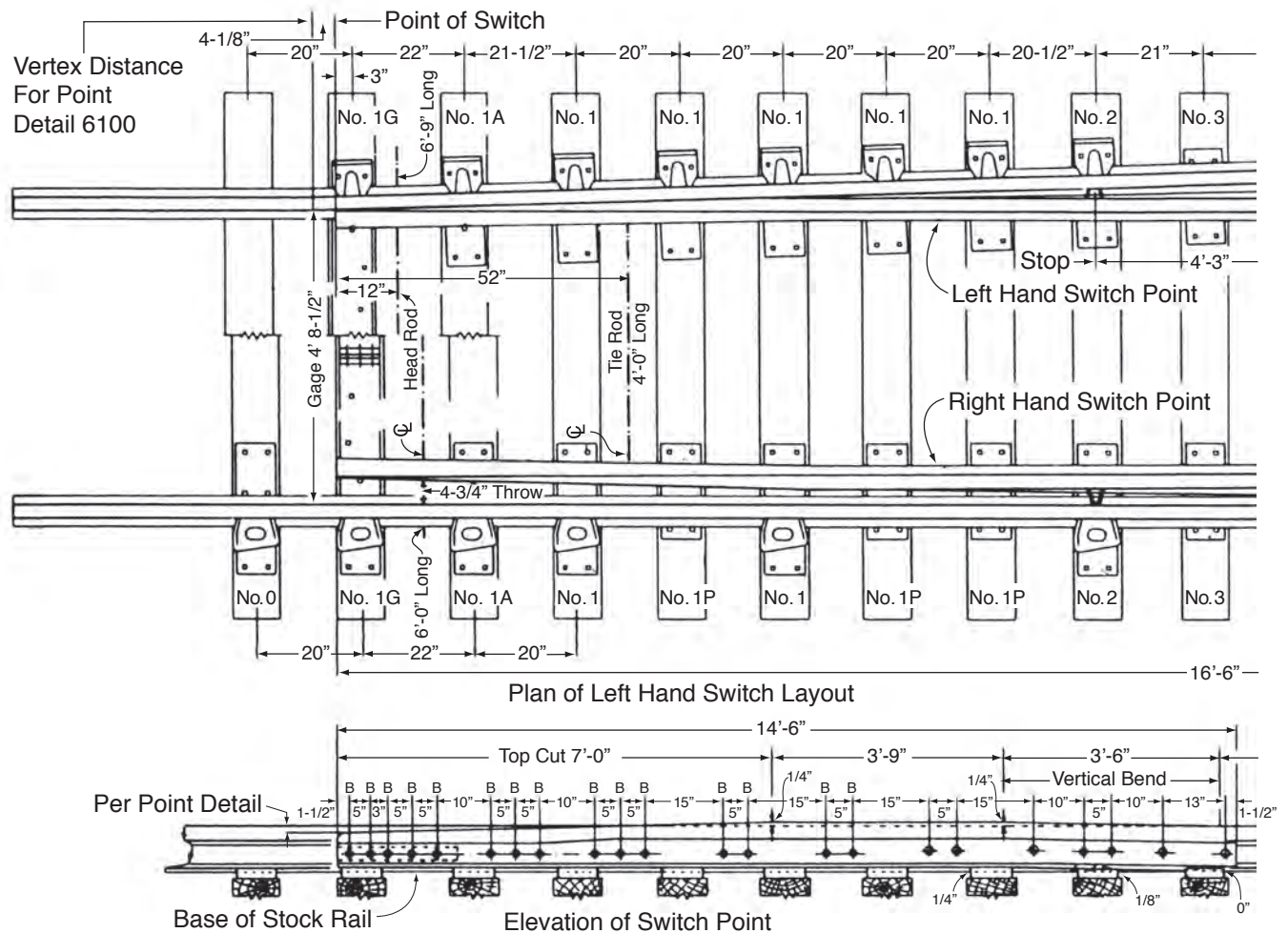




# 16'6" STRAIGHT SPLIT SWITCH WITH GRADUATED RISERS



Shown on these two pages is a typical switch layout for a 16'6" straight split switch with graduated risers. This switch is typically used for number seven through number ten turnouts. The layout here is shown for a left-hand turnout, but the components are the same for either a left or right-hand configuration. Switches like this one can be supplied with either rigid or adjustable braces. The adjustable braces are more expensive, but are preferred in heavier duty applications. The illustration above shows both rigid and adjustable brace options. The rigid brace plating pattern is shown on the rail at the top of the page and the adjustable brace pattern is shown on the rail below. The actual layout would follow one pattern or the other; either all rigid or all adjustable braces. Listed on the opposite page is a typical bill of materials for a 16'6" switch with adjustable braces. The gage plates and switch rods can be supplied with insulation if necessary. The bill of materials is frequently changed to accommodate specific customer preferences. Common changes include: substituting rigid for adjustable braces, adding the No. 0 plates, and using flat twin or fewer hook twin tie plates.