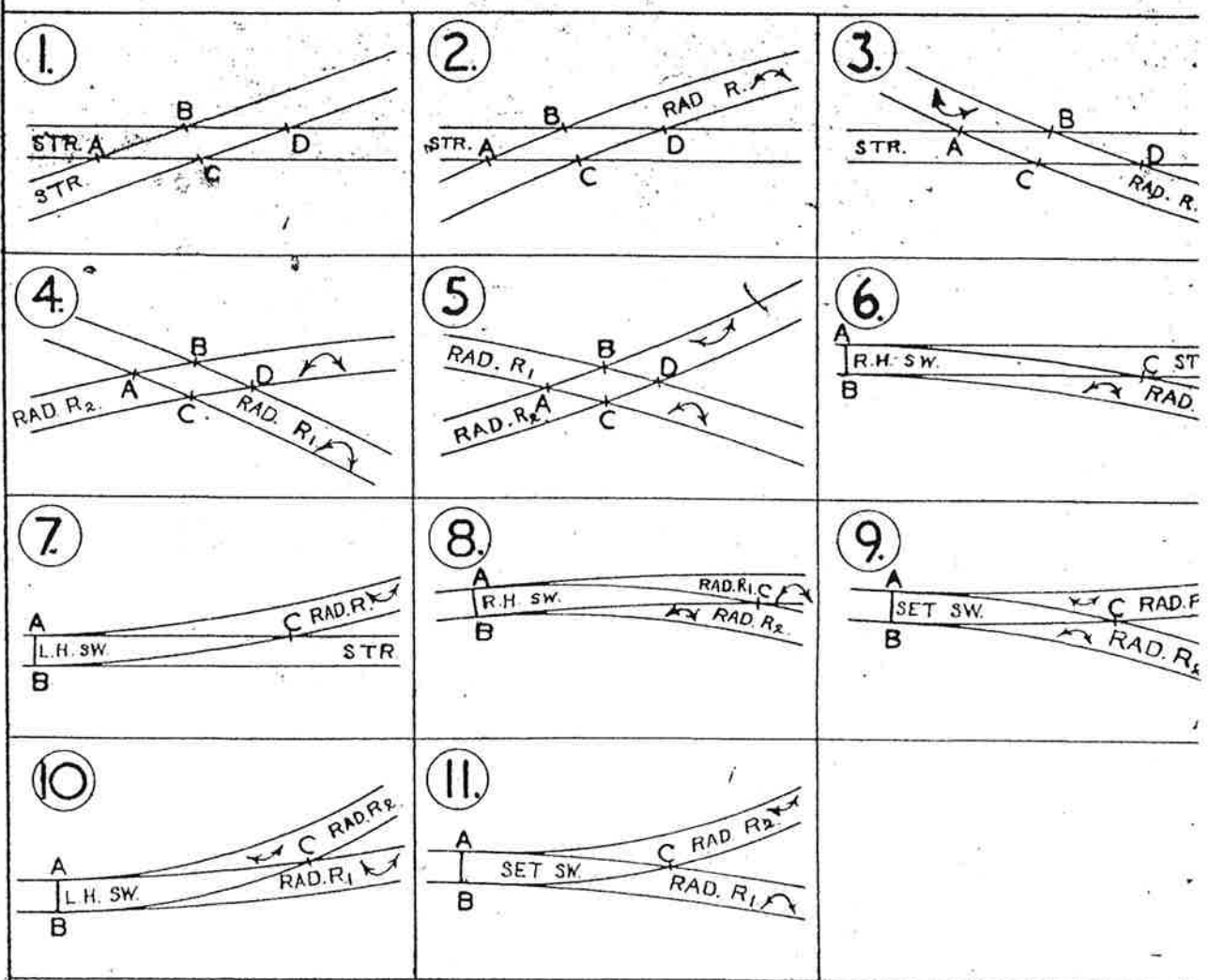


PERMANENT WAY  
NOTES

REPAIR PARTS FOR SWITCHES AND X'INGS.  
LAYOUT SKETCHES.



These sketches should be used to assist in indicating curvature, etc., when ordering urgent Repair Parts over the telephone. Identify the part by specifying the sketch N<sup>o</sup>; the crossing, elbow or switch letter on the sketch; the radii on the sketch; the angle or length and hand of the fitting. The lengths, drilling, rail section, depth, spread, etc., should then be given as in the following examples:-

Sketch N<sup>o</sup> 3.  
Crossing **D**  
Rad. R - 2640 ft  
X'ing, 1 in 8 L.H.  
Point & splice rails 11-6 1/2"  
Spread 1'-5 1/16"  
Drilling from nose for 1 1/4" bolts; 5", 1'-10 3/8", 3-7"  
B.S. 95 worn to 5 5/8"  
Deliver to \_\_\_\_\_

Sketch N<sup>o</sup> 5.  
L.H. elbow point of C forming R.H. wing of X'ing, D.  
Rad. R<sub>1</sub> - 3,290 ft, R<sub>2</sub> - 1440 ft  
X'ing, 1 in 3-12. Elbows 1 in 3-02.  
Length from blunt point to knuckle 13'-9 1/4", from knuckle to end of splay 5'-3 3/8"  
Drilling from blunt point, for 1 1/4" bolts: 4", 11 3/8", for 1" bolt 12'-3 3/8"  
Drilling from knuckle, for 1 1/4" bolts: 1'-0 1/2", 2'-7 1/4", 4'-1 3/4"  
OO (3/4" web) worn to 5 9/16"  
Deliver to \_\_\_\_\_