

PERMANENT WAY NOTES.

CHAIRS (2)

CROSSING CHAIRS

THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY, SUPPLEMENT OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS, CIRCULARS ETC., WHICH SHOULD BE REFERRED TO IN ALL CASES.

4C ETC.

ORDER AS FOLLOWS,

UP TO 1 IN 9 :-

4C6 $\frac{1}{2}$, 4C9, ETC.

1 IN 9 $\frac{1}{2}$ AND OVER :-

4C11A, 4C12 $\frac{1}{2}$ B, ETC.

STATING RAIL SECTION

("A" FOR R.H. CROSSINGS,

"B" FOR L.H. CROSSINGS.)

NB. SLAB AND BRACKETS (SEE R1734)
USED IN PLACE OF 4C CHAIR ON CROSSINGS
1 IN 14 $\frac{1}{2}$ AND OVER. (SINCE JUNE 1936
ON CROSSINGS 1 IN 11 $\frac{1}{2}$ AND OVER)

N	X	Z	N	X	Z	N	X	Z	N	X	Z	W*
2 $\frac{1}{2}$	-	-	4 $\frac{1}{4}$	8 $\frac{1}{2}$ "	2'-10"	6 $\frac{1}{4}$	5 $\frac{1}{2}$ "	2'-7"	9 $\frac{1}{2}$	4 $\frac{1}{2}$ "	2'-5 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
3	1'-0 $\frac{1}{2}$ "	3'-1"	4 $\frac{1}{2}$	8 $\frac{1}{4}$ "	2'-9 $\frac{1}{2}$ "	7	5 $\frac{1}{4}$ "	2'-6 $\frac{1}{2}$ "	10	4 $\frac{3}{4}$ "	2'-5 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "
3 $\frac{1}{2}$	-	-	4 $\frac{3}{4}$	7 $\frac{1}{2}$ "	2'-9"	7 $\frac{1}{2}$	5 $\frac{1}{2}$ "	2'-6 $\frac{1}{2}$ "	10 $\frac{1}{2}$	3 $\frac{1}{2}$ "	2'-5 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
3 $\frac{3}{4}$	11 $\frac{1}{2}$ "	3'-0"	5	7 $\frac{1}{2}$ "	2'-8 $\frac{1}{2}$ "	7 $\frac{1}{2}$	5 $\frac{3}{4}$ "	2'-6 $\frac{1}{2}$ "	11	3 $\frac{3}{4}$ "	2'-5"	2 $\frac{1}{2}$ "
3 $\frac{1}{2}$	-	-	5 $\frac{1}{4}$	7 $\frac{3}{4}$ "	2'-8"	7 $\frac{1}{4}$	5 $\frac{1}{2}$ "	2'-6 $\frac{1}{2}$ "	11 $\frac{1}{2}$	3 $\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
3 $\frac{1}{2}$	10 $\frac{1}{2}$ "	2'-11 $\frac{1}{2}$ "	5 $\frac{1}{2}$	6 $\frac{1}{2}$ "	2'-8"	8	4 $\frac{1}{2}$ "	2'-6 $\frac{1}{2}$ "	12	3 $\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
3 $\frac{1}{2}$	10 $\frac{1}{2}$ "	2'-11"	5 $\frac{1}{4}$	6 $\frac{1}{4}$ "	2'-7 $\frac{1}{2}$ "	8 $\frac{1}{4}$	4 $\frac{1}{2}$ "	2'-6 $\frac{1}{2}$ "	12 $\frac{1}{2}$	3 $\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
3 $\frac{1}{4}$	9 $\frac{1}{4}$ "	2'-11"	6	6 $\frac{1}{2}$ "	2'-7 $\frac{1}{2}$ "	8 $\frac{1}{2}$	4 $\frac{1}{2}$ "	2'-6"	13	3 $\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
3 $\frac{1}{2}$	-	-	6 $\frac{1}{4}$	6 $\frac{1}{4}$ "	2'-7 $\frac{1}{2}$ "	8 $\frac{1}{4}$	4 $\frac{1}{2}$ "	2'-6"	13 $\frac{1}{2}$	3 $\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
4	9 $\frac{1}{2}$ "	2'-10 $\frac{1}{2}$ "	6 $\frac{1}{2}$	5 $\frac{3}{4}$ "	2'-7"	9	4 $\frac{1}{2}$ "	2'-5 $\frac{1}{2}$ "	14	3 $\frac{1}{2}$ "	2'-4"	2 $\frac{1}{2}$ "

* UP TO 1 IN 9 $\frac{1}{2}$, DIMENSION W = 2 $\frac{1}{2}$ "

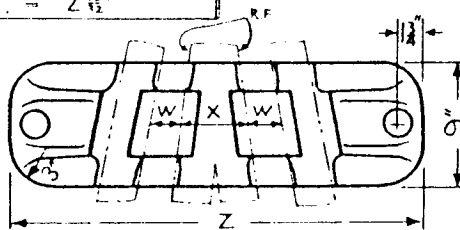
OTHER PATTERNS OF 4C CHAIRS, FOR EXTENDED
WING RAILS FORMING CONTINUOUS CHECK RAILS.

4CN^o1, USED WHEN W=1 $\frac{1}{4}$ " ON L.H. SIDE OF CROSSING :-

4CN^o2, USED WHEN W=1 $\frac{1}{4}$ " ON R.H. SIDE OF CROSSING :-

4CN^o3, USED WHEN W=1 $\frac{1}{4}$ " ON BOTH SIDES OF CROSSING :-

[ADD "A" OR "B" FOR ANGLES 1 IN 10 $\frac{1}{2}$ AND OVER (SEE ABOVE)]



5C

ORDER AS FOLLOWS :-

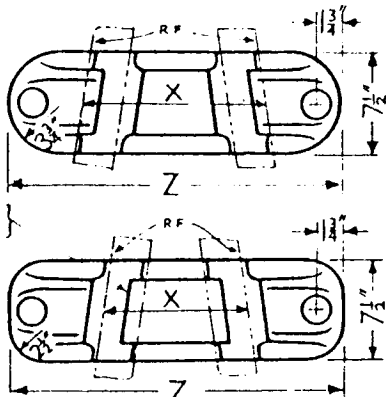
5C5 $\frac{1}{2}$, 5C8, ETC.,

STATING RAIL SECTION.

1 IN 3 $\frac{1}{2}$ TO
1 IN 5 $\frac{3}{4}$:-

JAW NOT REQD FOR
ANGLES ABOVE 1 IN 10

1 IN 6 TO
1 IN 16 :-



N	X	Z	N	X	Z	N	X	Z
3 $\frac{1}{2}$	1'-7 $\frac{1}{2}$ "	2'-6 $\frac{1}{2}$ "	6 $\frac{1}{4}$	11 $\frac{1}{2}$ "	2'-1"	10	7 $\frac{1}{2}$ "	1'-9"
3 $\frac{1}{2}$	1'-6 $\frac{1}{2}$ "	2'-5 $\frac{1}{2}$ "	6 $\frac{1}{2}$	10 $\frac{1}{2}$ "	2'-0 $\frac{1}{2}$ "	10 $\frac{1}{2}$	6 $\frac{1}{2}$ "	1'-8 $\frac{1}{2}$ "
3 $\frac{3}{4}$	1'-6 $\frac{3}{4}$ "	2'-5"	6 $\frac{1}{4}$	10 $\frac{1}{2}$ "	2'-0"	11	6 $\frac{1}{2}$ "	1'-8 $\frac{1}{2}$ "
3 $\frac{1}{2}$	-	-	7	10 $\frac{1}{2}$ "	1'-11 $\frac{1}{2}$ "	11 $\frac{1}{2}$	6 $\frac{1}{2}$ "	1'-8"
4	1'-5 $\frac{1}{2}$ "	2'-4"	7 $\frac{1}{4}$	9 $\frac{1}{2}$ "	1'-11 $\frac{1}{2}$ "	12	6 $\frac{1}{2}$ "	1'-8"
4 $\frac{1}{4}$	1'-4 $\frac{1}{2}$ "	2'-3"	7 $\frac{1}{2}$	9 $\frac{1}{2}$ "	1'-11"	12 $\frac{1}{2}$	5 $\frac{1}{2}$ "	1'-7 $\frac{1}{2}$ "
4 $\frac{1}{2}$	1'-3 $\frac{1}{2}$ "	2'-2 $\frac{1}{2}$ "	7 $\frac{1}{2}$	9 $\frac{1}{2}$ "	1'-10 $\frac{1}{2}$ "	13	5 $\frac{1}{2}$ "	1'-7 $\frac{1}{2}$ "
4 $\frac{1}{4}$	1'-2 $\frac{1}{2}$ "	2'-1 $\frac{1}{2}$ "	8	8 $\frac{1}{2}$ "	1'-10 $\frac{1}{2}$ "	13 $\frac{1}{2}$	5 $\frac{1}{2}$ "	1'-7"
5	1'-1 $\frac{1}{2}$ "	2'-0 $\frac{1}{2}$ "	8 $\frac{1}{4}$	8 $\frac{1}{2}$ "	1'-10 $\frac{1}{2}$ "	14	5 $\frac{1}{2}$ "	1'-7"
5 $\frac{1}{4}$	1'-1 $\frac{1}{4}$ "	2'-0"	8 $\frac{1}{2}$	8 $\frac{1}{2}$ "	1'-10"	14 $\frac{1}{2}$	5 $\frac{1}{2}$ "	1'-7"
5 $\frac{1}{2}$	1'-0 $\frac{1}{2}$ "	1'-11 $\frac{1}{2}$ "	8 $\frac{1}{2}$	8 $\frac{1}{2}$ "	1'-9 $\frac{1}{2}$ "	15	5 $\frac{1}{2}$ "	1'-6 $\frac{1}{2}$ "
5 $\frac{1}{4}$	1'-0 $\frac{1}{4}$ "	1'-11"	9	8"	1'-9 $\frac{1}{2}$ "	16	4 $\frac{1}{2}$ "	1'-6 $\frac{1}{2}$ "
6	11 $\frac{1}{4}$ "	2'-1 $\frac{1}{2}$ "	9 $\frac{1}{2}$	7 $\frac{1}{2}$ "	1'-9"			

6C

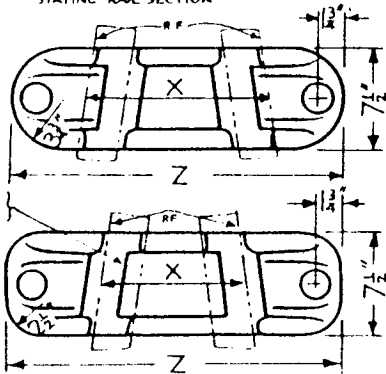
ORDER AS :- 6C8, 6C11 $\frac{1}{2}$, ETC.,

STATING RAIL SECTION

1 IN 5 $\frac{1}{4}$ TO
1 IN 11 :-

JAW NOT REQD FOR
ANGLES ABOVE 1 IN 14

1 IN 11 $\frac{1}{2}$ TO
1 IN 16 :-



N	X	Z	N	X	Z	N	X	Z
5 $\frac{1}{4}$	1'-7 $\frac{1}{2}$ "	2'-5 $\frac{1}{2}$ "	7 $\frac{1}{4}$	1'-11 $\frac{1}{2}$ "	2'-0"	11 $\frac{1}{2}$	9 $\frac{1}{2}$ "	1'-10 $\frac{1}{2}$ "
5 $\frac{1}{2}$	1'-6 $\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	8	1'-0 $\frac{1}{2}$ "	1'-11 $\frac{1}{2}$ "	12	8 $\frac{1}{2}$ "	1'-10"
5 $\frac{1}{4}$	1'-5 $\frac{1}{4}$ "	2'-4"	8 $\frac{1}{4}$	1'-0 $\frac{1}{2}$ "	1'-11 $\frac{1}{2}$ "	12 $\frac{1}{2}$	8 $\frac{1}{2}$ "	1'-10"
6	1'-5"	2'-3 $\frac{1}{2}$ "	8 $\frac{1}{2}$	1'-0 $\frac{1}{2}$ "	1'-11"	13	8"	1'-9 $\frac{1}{2}$ "
6 $\frac{1}{4}$	1'-4 $\frac{1}{2}$ "	2'-2 $\frac{1}{2}$ "	8 $\frac{1}{2}$	11 $\frac{1}{2}$ "	1'-10 $\frac{1}{2}$ "	13 $\frac{1}{2}$	7 $\frac{1}{2}$ "	1'-9 $\frac{1}{2}$ "
6 $\frac{1}{2}$	1'-3 $\frac{1}{2}$ "	2'-2"	9	11 $\frac{1}{2}$ "	1'-10 $\frac{1}{2}$ "	14	7 $\frac{1}{2}$ "	1'-9"
6 $\frac{1}{4}$	1'-3 $\frac{1}{4}$ "	2'-1 $\frac{1}{2}$ "	9 $\frac{1}{2}$	11"	1'-9 $\frac{1}{2}$ "	14 $\frac{1}{2}$	7 $\frac{1}{2}$ "	1'-9"
7	1'-2 $\frac{1}{2}$ "	2'-1"	10	10 $\frac{1}{2}$ "	1'-9 $\frac{1}{2}$ "	15	7 $\frac{1}{2}$ "	1'-8 $\frac{1}{2}$ "
7 $\frac{1}{4}$	1'-2 $\frac{1}{4}$ "	2'-0 $\frac{1}{2}$ "	10 $\frac{1}{2}$	9 $\frac{1}{2}$ "	1'-8 $\frac{1}{2}$ "	16	6 $\frac{1}{2}$ "	1'-8"
7 $\frac{1}{2}$	1'-1 $\frac{1}{4}$ "	2'-0 $\frac{1}{2}$ "	11	9 $\frac{1}{2}$ "	1'-8 $\frac{1}{2}$ "			