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**DIMENSIONS AT GAUGE ELEVATION**

1. Detail 1
2. Detail 2

**FLAT RAIL BRACE MOUNTING DETAILS**

1. Typical 3 Places

**SPRING BOX MOUNTING DETAILS**

A. Section

B. Section

**RETARDER MOUNTING DETAILS**

1. Retarder (Item 23) not shown sectional

**HORN AND KEEPER MOUNTING DETAILS**

D. Section

**NOTES:**

1. Retarder closing time ranges from 1 to 3 minutes
2. Spring box end is 300 lbs/in
3. Spring wing shall be thrown to a 1/2" flathead at the 3/4" point to determine the spring wing position
4. Flat rail brackets (Item 23) shall be held in place shown, up against spring when fully thrown
5. Rail end drilled shall be 3/16" and 1-1/4" 3/32" above rail base, 1-1/4" on all 4 rail ends
6. Retarder bracket (Item 23) shall be made as shown
7. Frets shall be constructed to tolerances given on latest draft plan 1/16, permissible variations in component parts
8. Welds shall be electric arc welded to 1/16" penetration per area
9. Nails shall be applied to roofs and rail near 1/2" with information shown
10. Rail will consist of a fixed rail, spring of same alignment and dimensions to replace WSM