

NOTE: R-19 changed to 2200 ohm  $\pm$  10% 5W.

INT. FREQ. - 455 KC.  
 All measurements taken with 20,000 ohm/volt voltmeter  
 Phono-Radio switch shown in Radio position (extreme clockwise)

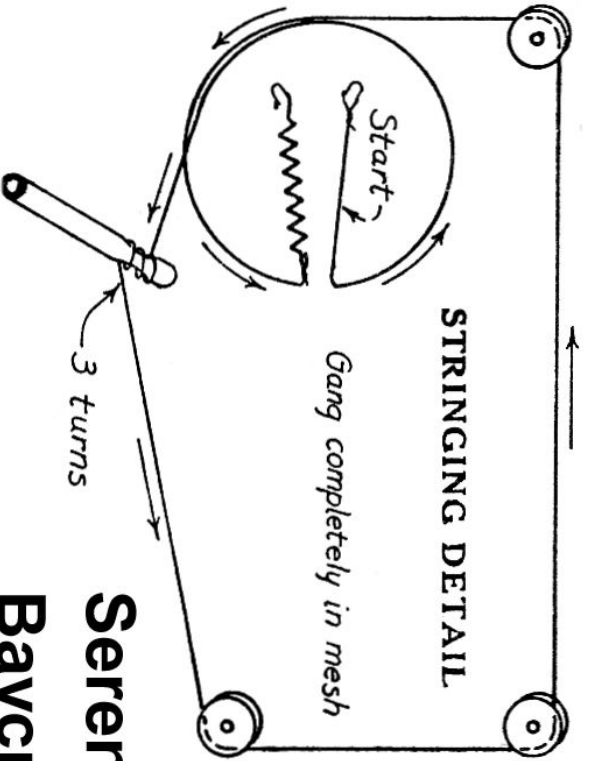
CHASSIS LAYOUT

# Electrohme

Serenader 820, 902, 904, 960 & 960A  
 Baycrest 544A

(Chassis S1-4518/Z, SC-418/Z, SCC51-438/Z, SCC51-419, 429/Z)

### STRINGING DETAIL



| NOMINAL SENSITIVITY IN MICROVOLTS FOR 500 MILLIWATTS OUTPUT |                             |                  |              |              |
|---|-----------------------------|------------------|--------------|--------------|
| SIGNAL MODULATED 30% AT 400 CYCLES                          |                             |                  |              |              |
| SIGNAL FREQUENCY  | AMPLIFIED THRU SERIES DUMMY | TO ANT. TERMINAL | TO 6SA7 GRID | TO 6SK7 GRID |
| 455 Kc.   | .05 $\mu$ f                 |                  | 120          | 6000         |
| 1000 Kc   | 200 $\mu$ mf                | 20               | 140          |              |

# Electrohome

## Serenader 820, 902, 904, 960 & 960A

### Baycrest 544A

(Chassis S1-4518/Z, SC-418/Z, SCC51-438/Z, SCC51-419, 429/Z)

### ALIGNMENT and SENSITIVITY

#### SIGNAL GENERATOR MODULATED 30% AT 400 CYCLES

| Step At Kc. | Apply Signal      |  | Thru Series Dummy | Set Gang At   | Adjust For Max. Output | Nominal Sensitivity For 500 MW. Output |
|-------------|-------------------|--|-------------------|---------------|------------------------|--|
|             | To                |  |                   |               |                        |  |
| 1 455       | 6SK7<br>No. 4 Pin |  | .05 ufd.          | Min. Capacity | C-12 Sec. & Pri.       | 5000                                   |
| 2 455       | 6SA7<br>No. 8 Pin |  | .05 ufd.          | Min. Capacity | C-9 Sec. & Pri.        | 130                                    |
| 3 455       | Ant.              |  | 200 uufd.         | Max. Capacity | C-1 For Minimum        | Minimum                                |
| 4 1460      | Ant.              |  | 200 uufd.         | 1460 Kc.      | C-7 & C-3              | 25                                     |
| 5 600       | Ant.              |  | 200 uufd.         | 600 Kc.       | Check                  | 30                                     |