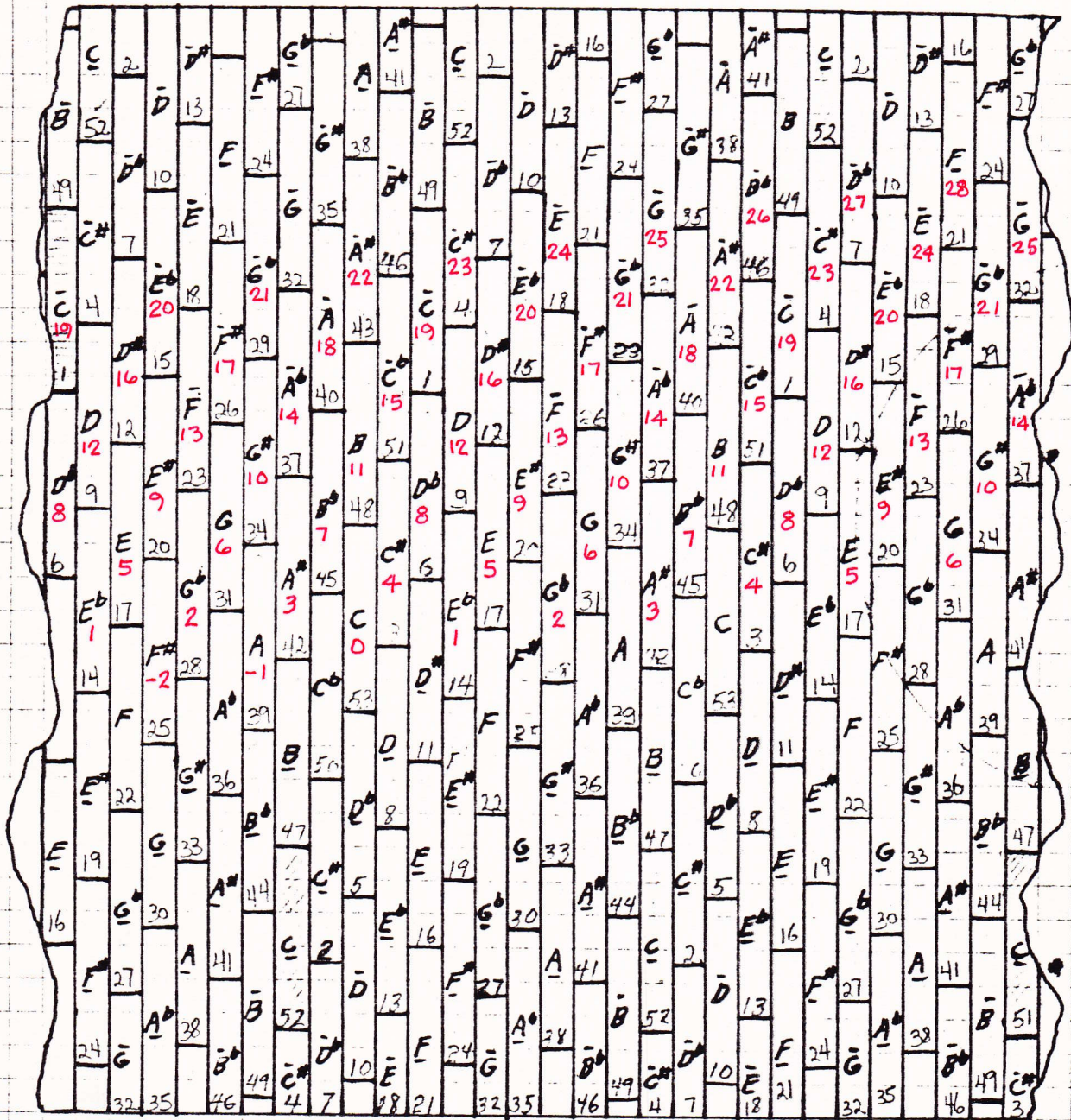


HANSON KEY LAYOUT FOR 53 TONE CYCLE

DESIGN A



INVENTED BY:

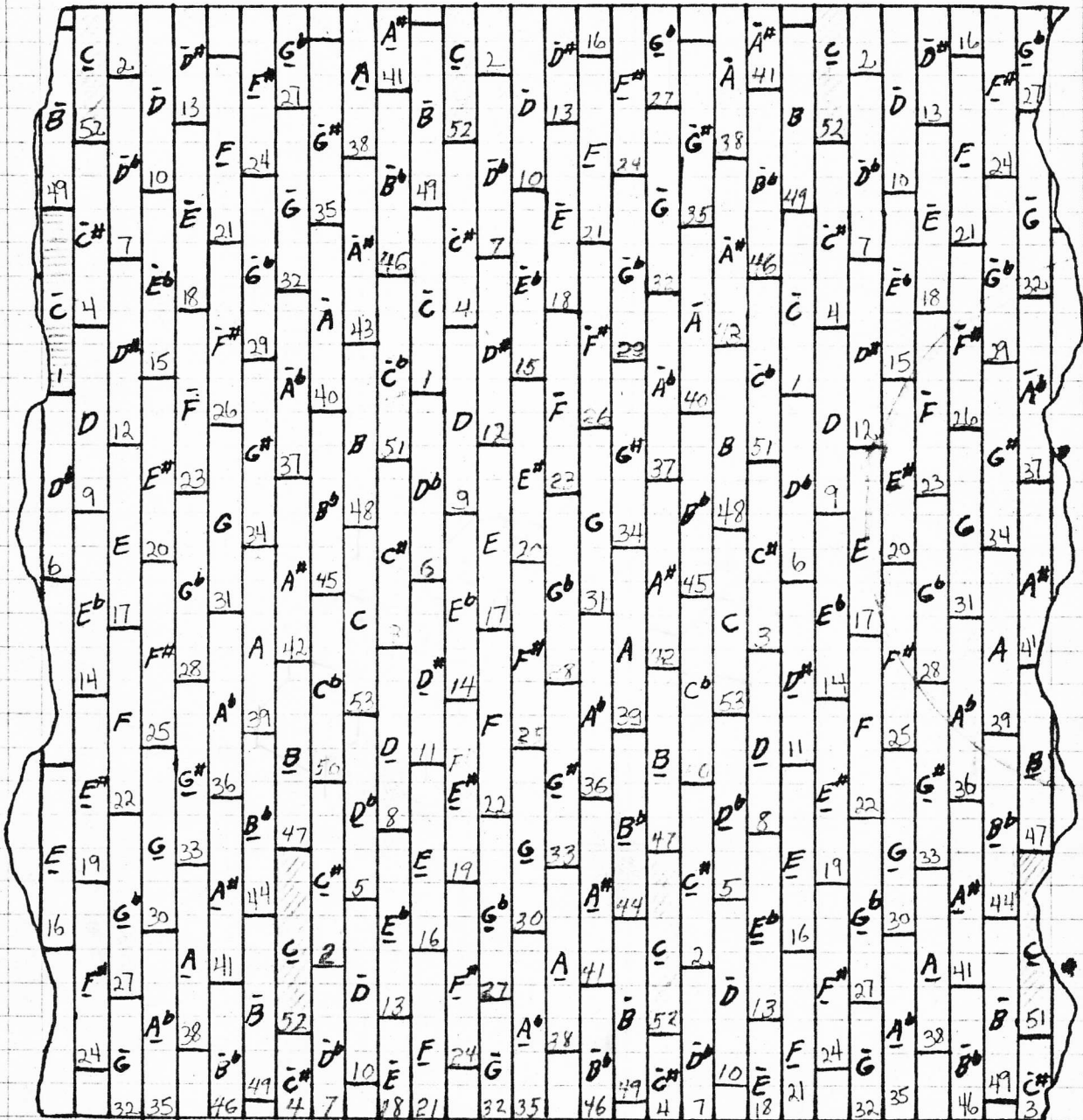
L. A. Hanson Jr.

WITNESSED BY: DATE: 16 JAN 1978

Christine A. Hanson

HANSON KEY LAYOUT FOR 53 TONE CYCLE

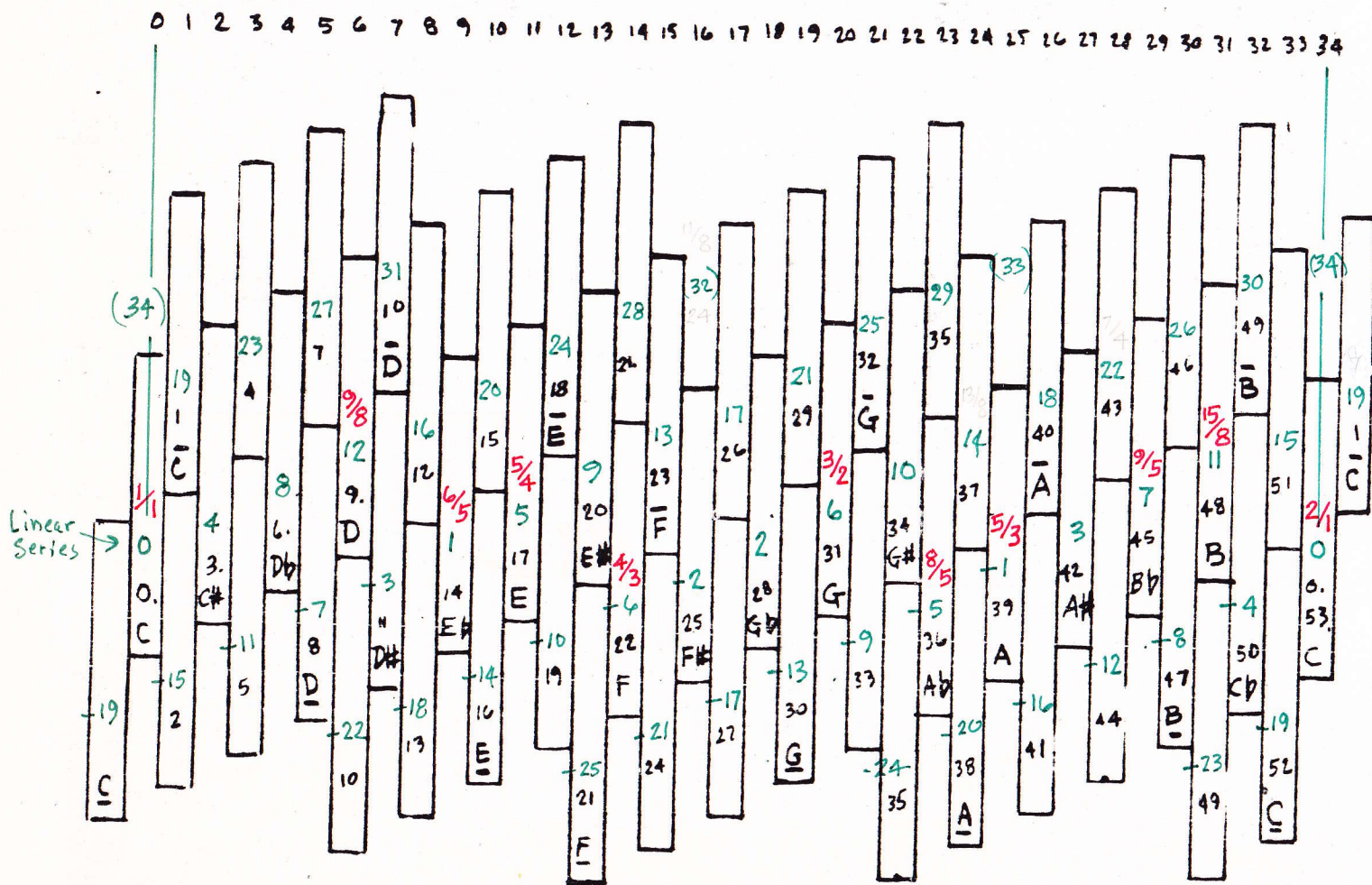
DESIGN A

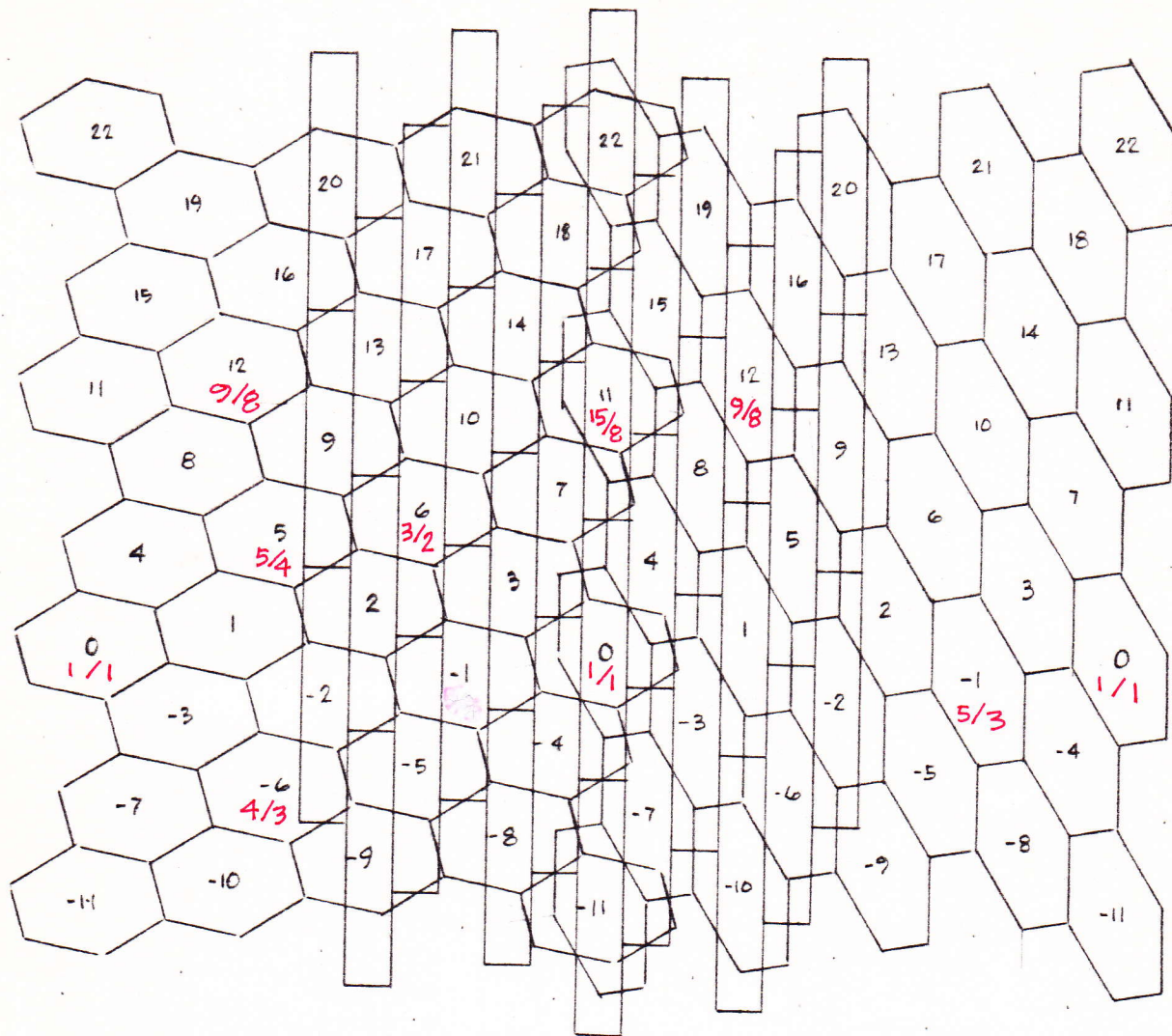


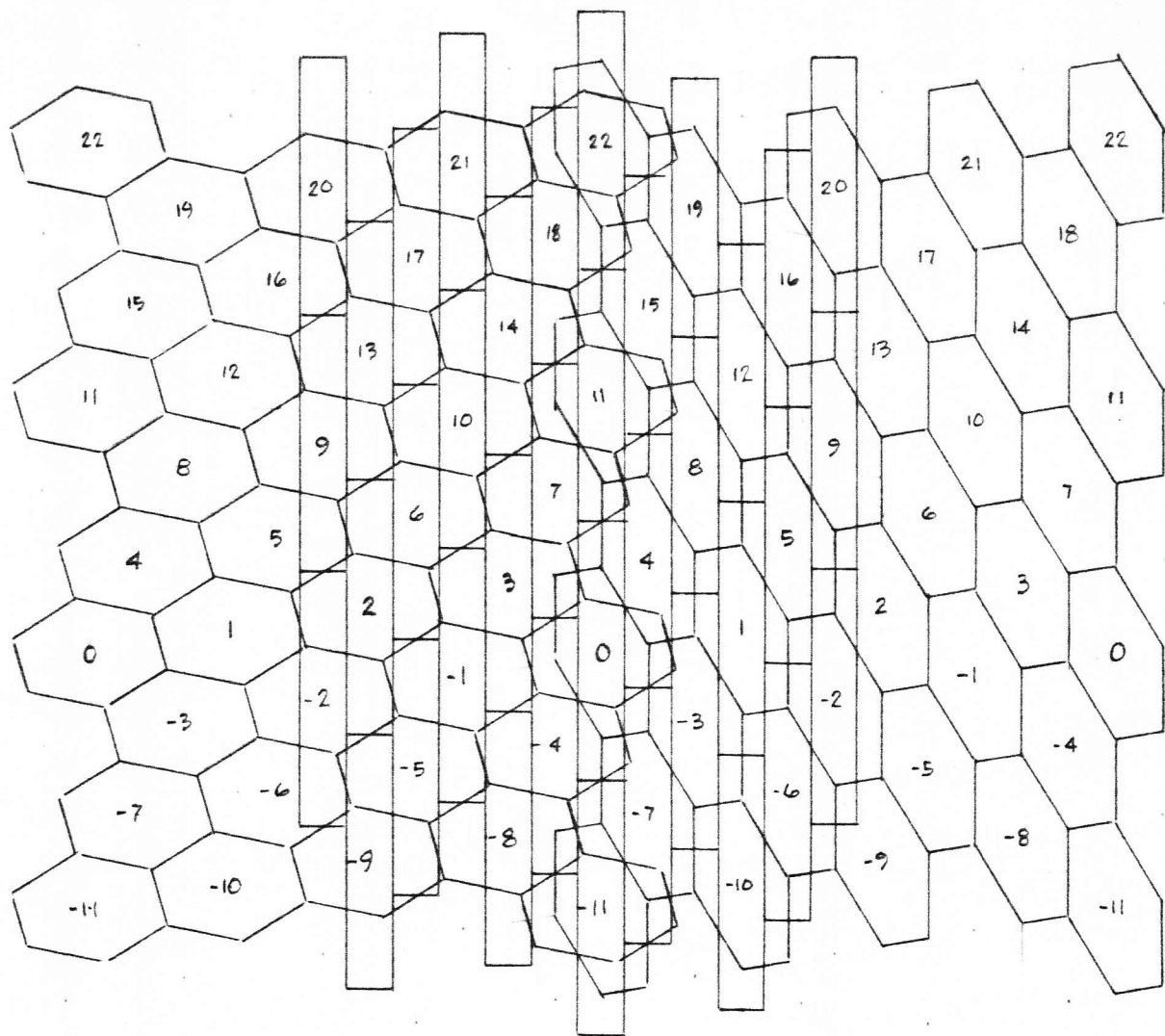
Variation on Hanson's Generalized Kbd Geometry
for mounting 53 tuned tubes (or more)
Design © 1978 by Eric Wilson, all rights reserved

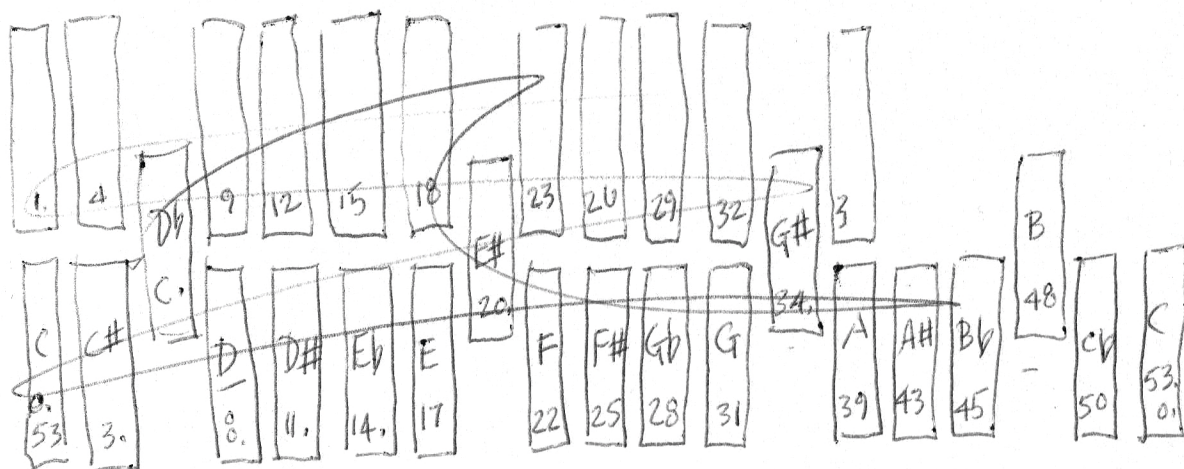
($\frac{9}{34}$) Tubulong Keyboard

constructed of round, 2024-T3, Aluminum alloy, tubing
by Glen Prior for Larry Hanson.









Design for 34-tone
Key Board
© 1978 by Erv Wilson

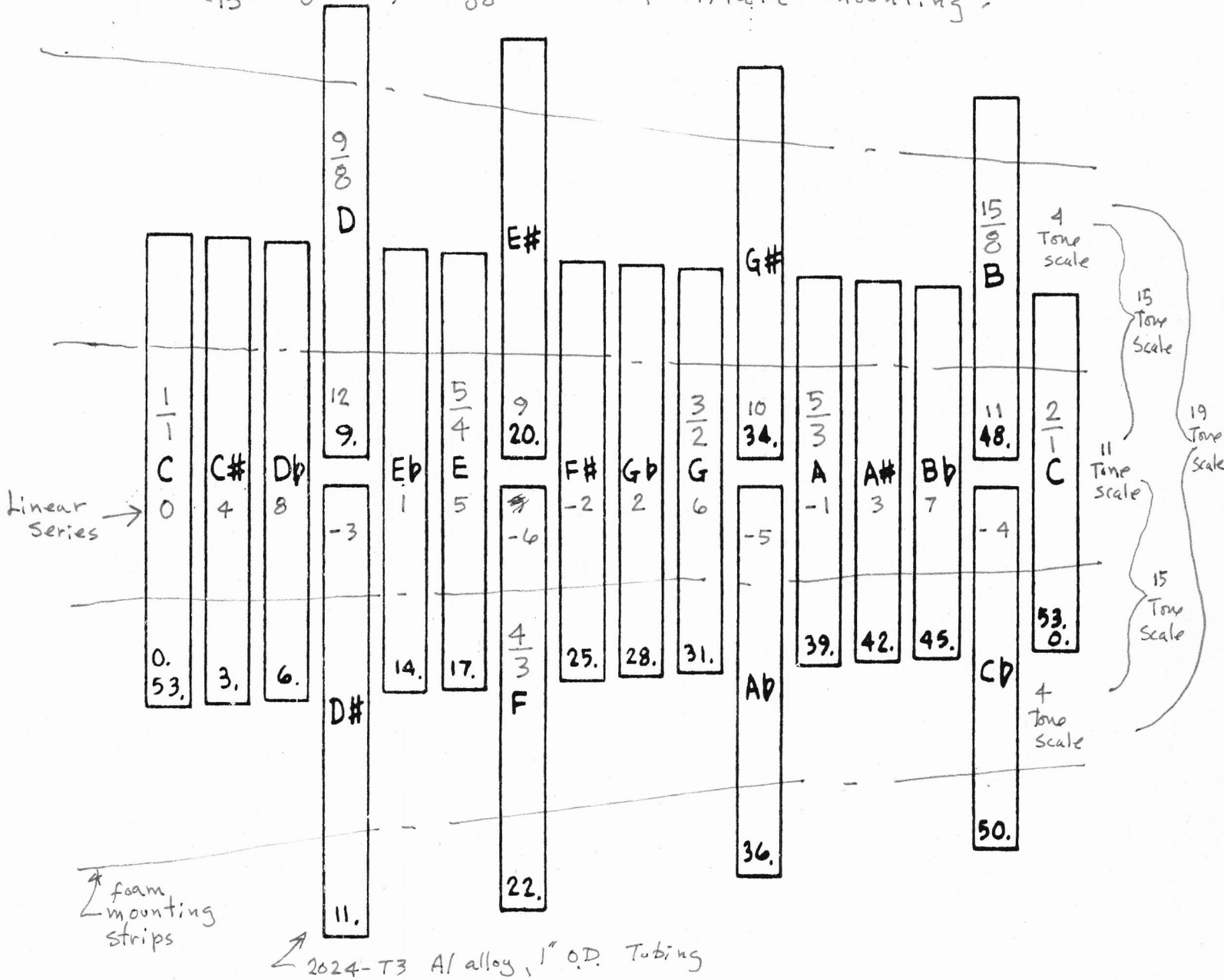
19 rows

19-Tone Tubulongs on a 4-11-4 Geometry

Design © 1978 by Erv Wilson

Built by Glen Prior in 1978 for Larry Hanson

($\frac{4}{15}$) keyboard, staggered to facilitate mounting.



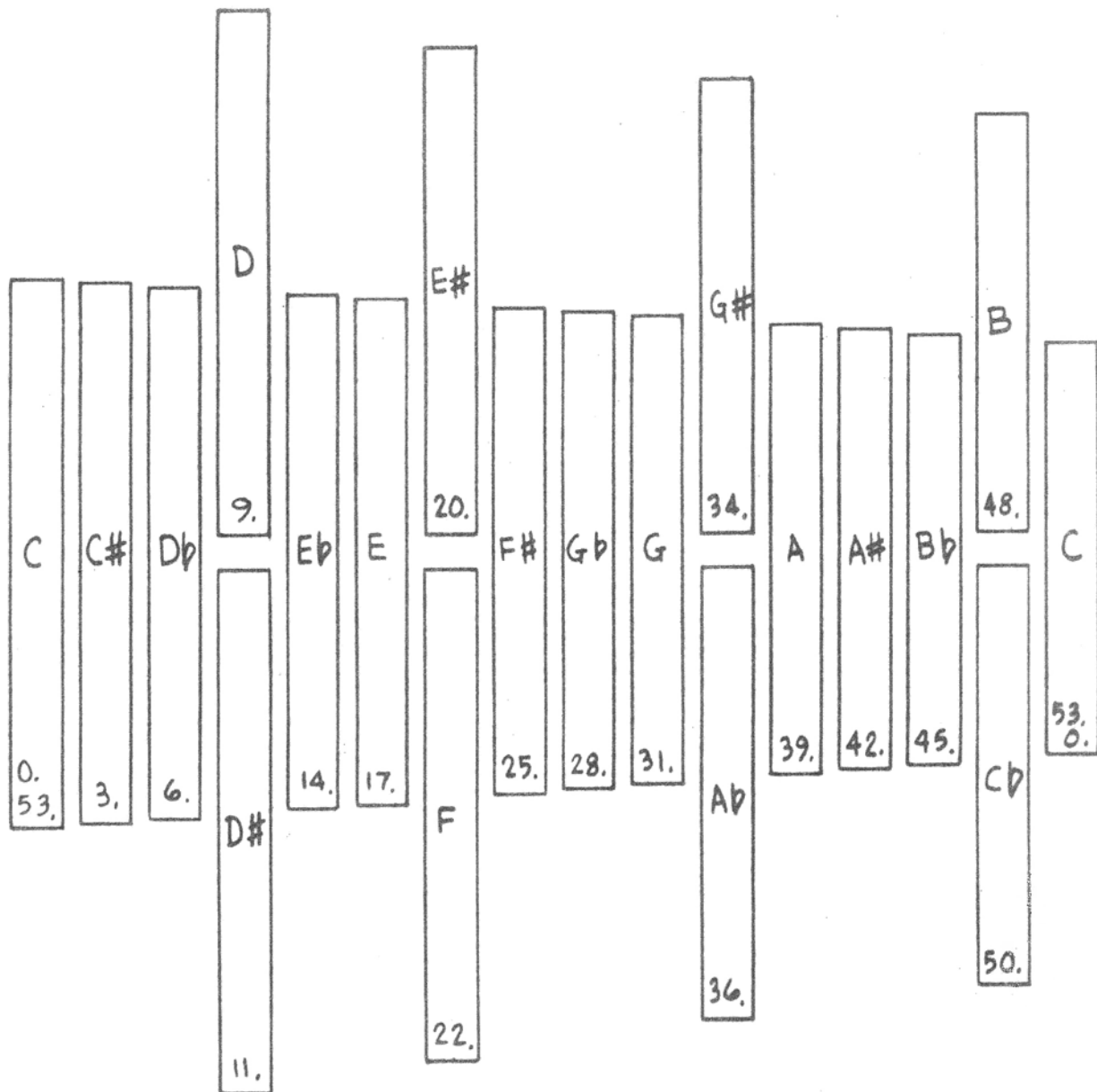
Scale & notation suggested by Larry Hanson

34-Tone Percussion Instrument

11-rank Hanson Keyboard Geometry
used by permission
by Erv Wilson 1993

26.
17. 24. 31.
1. 8. 15. 22. 29.
33. 6. 13. 20. 27. 34.
31. 4. 11. 18. 25. 32.
2. 9. 16. 23. 30.
0/34. 7. 14. 21. 28.
3. 5. 12. 19.

19-Tone Tubulongs on a 4-11-4 Geometry Design ©1978 by Erv Wilson



Scale & notation suggested by Larry Hanson

Copies;
Taylor

(13-10-13) 36-Tone Tubulong, Fibonacci Tuning

©2002 by Ervin M. Wilson, all rights reserved.

23/0	+23 514229	35.	0 8	0/36
22	← +33 63245986	33.	+0 987	34.
21		+20 121393		32.
20	+30 14930352	30.	+7 233	31.
19		+7 28657		29.
18	+27 3524578	27.	+4 55	28.
17		+14 6765		26.
16	+24 832040	24.	+1 13	25.
15		+1 1597		23.
14	+21 196418	21.	-2 3	22. ↑
13	+31 24157817	19.	+8 377	20.
12		+18 46368		18.
11	+28 5702887	16.	+5 89	17.
10		+15 10946		15.
9	+25 1346269	13.	+2 21	14.
8		+12 2584		12.
7	+22 317811	10.	-1 5	11.
6	+32 39088169	8.	+9 610	9.
5		+19 75025		7.
4	+29 9227465	5.	+3 144	6.
3		+16 17711		4.
2	+26 2178309	2.	+3 34	3.
1		+13 4181		1.
0/23	+33 514229	35.	0 8	0/36

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