

Marque Ampico Expression Units

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1 message

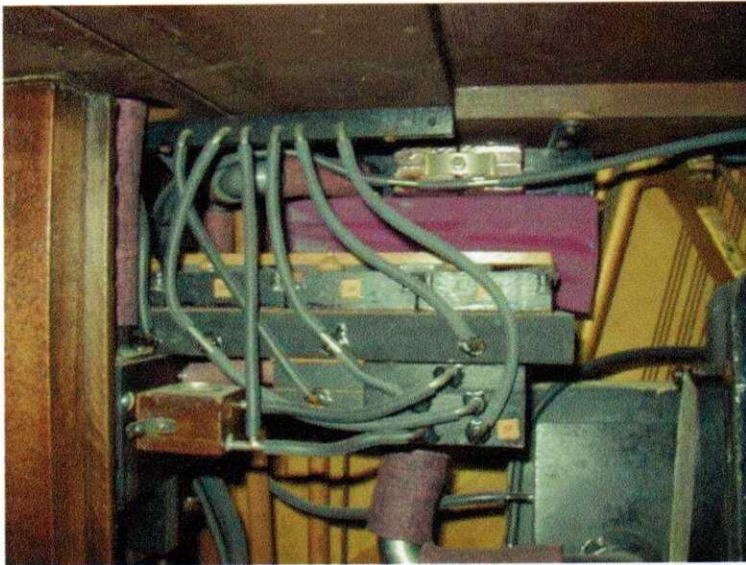
Robert K Conant <bobconant2@gmail.com>
To: Robert K Conant <bobconant2@gmail.com>

Thu, Sep 24, 2026 at 11:22 AM

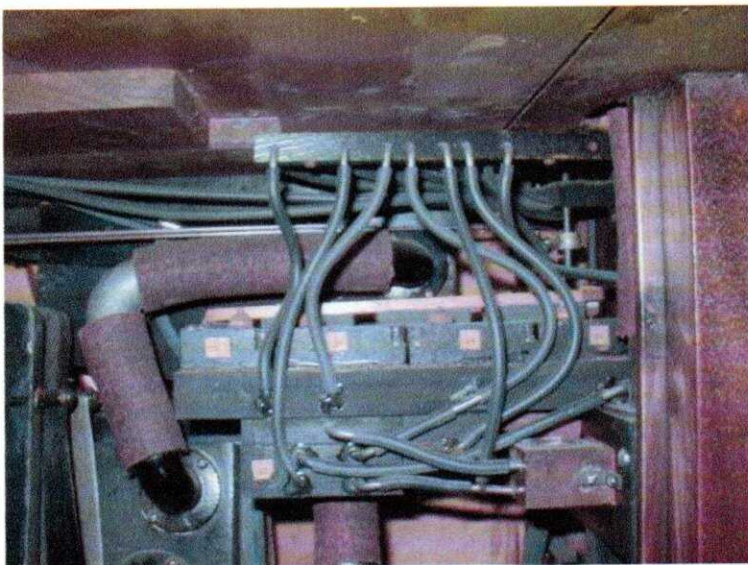
Robert K Conant <bobconant2@gmail.com>

to me

Sep 21, 2026, 4:43 PM (3 days ago)



The following pages should help when you need to retube the Ampico Marque player system.

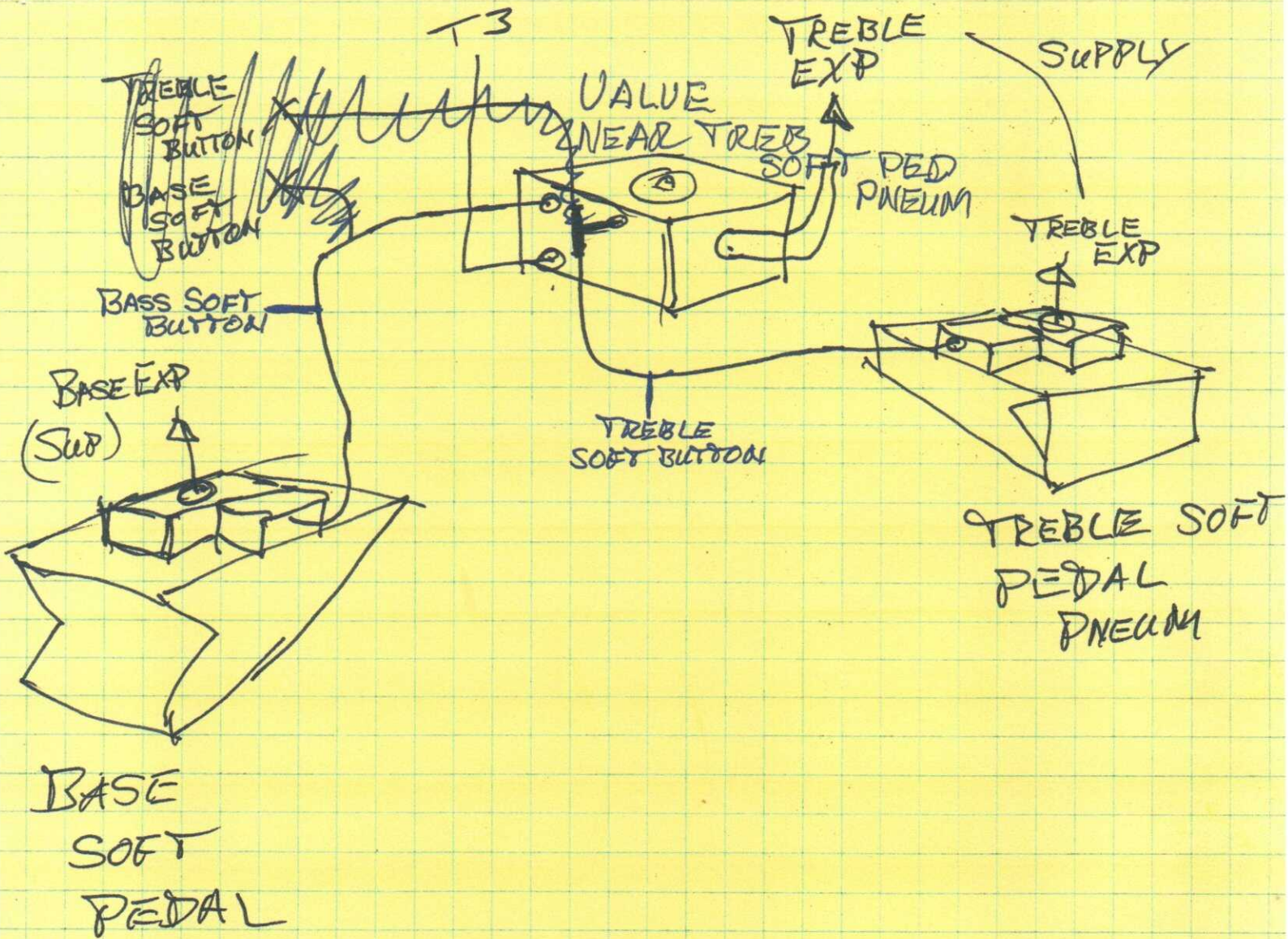


All of the information in this PDF file was donated to Player-Care by Robert K Conant in Oct 2026.

MARQUE AMPICO NOTES

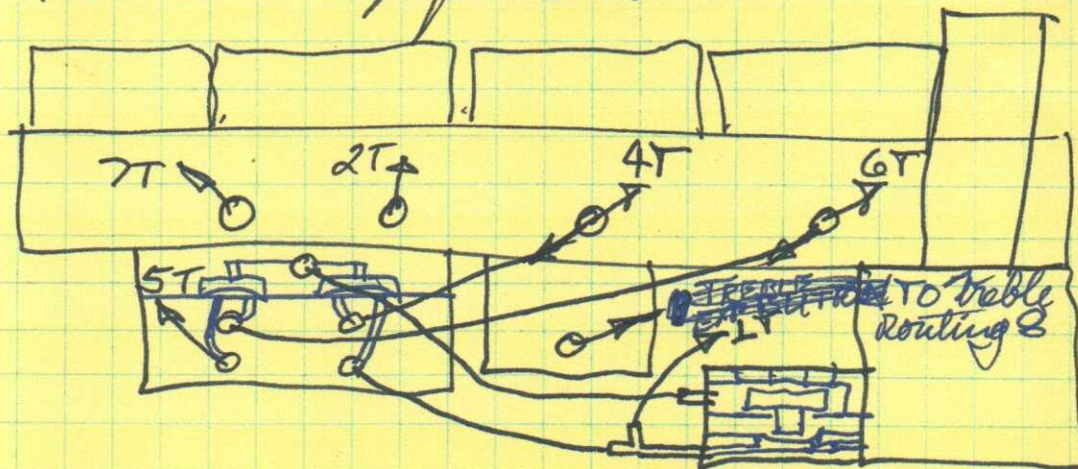
OK 3/4/82

Soft pedal



Tuble Expression

TO STACK



Front view

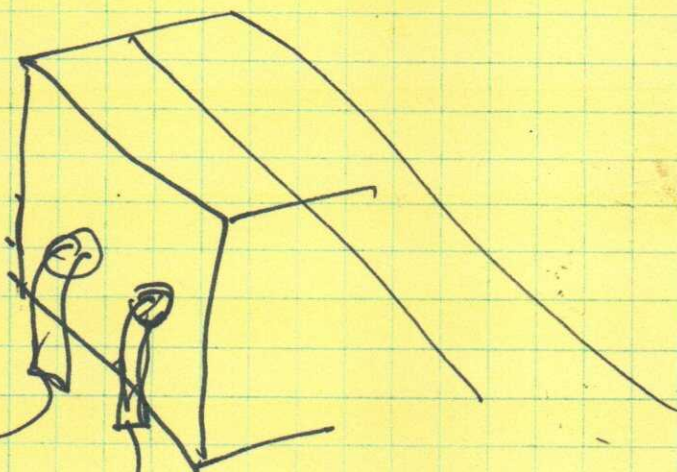
OK 3/4/82

$\frac{1}{8}$ travel

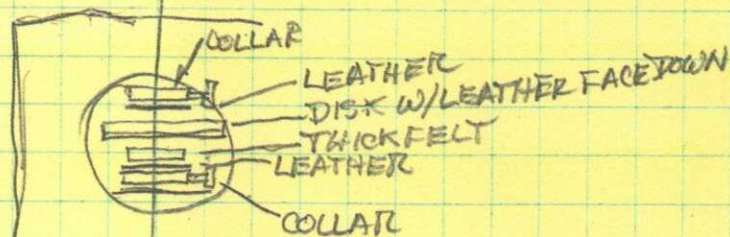
$\frac{7}{8}$

FELT
KNURED NUT
LEATHER
NUT

SOFT PEDAL
VALVE



SOFT PEDAL
SUP

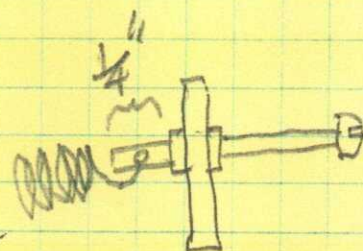


COLLAR

FELT
COLLAR

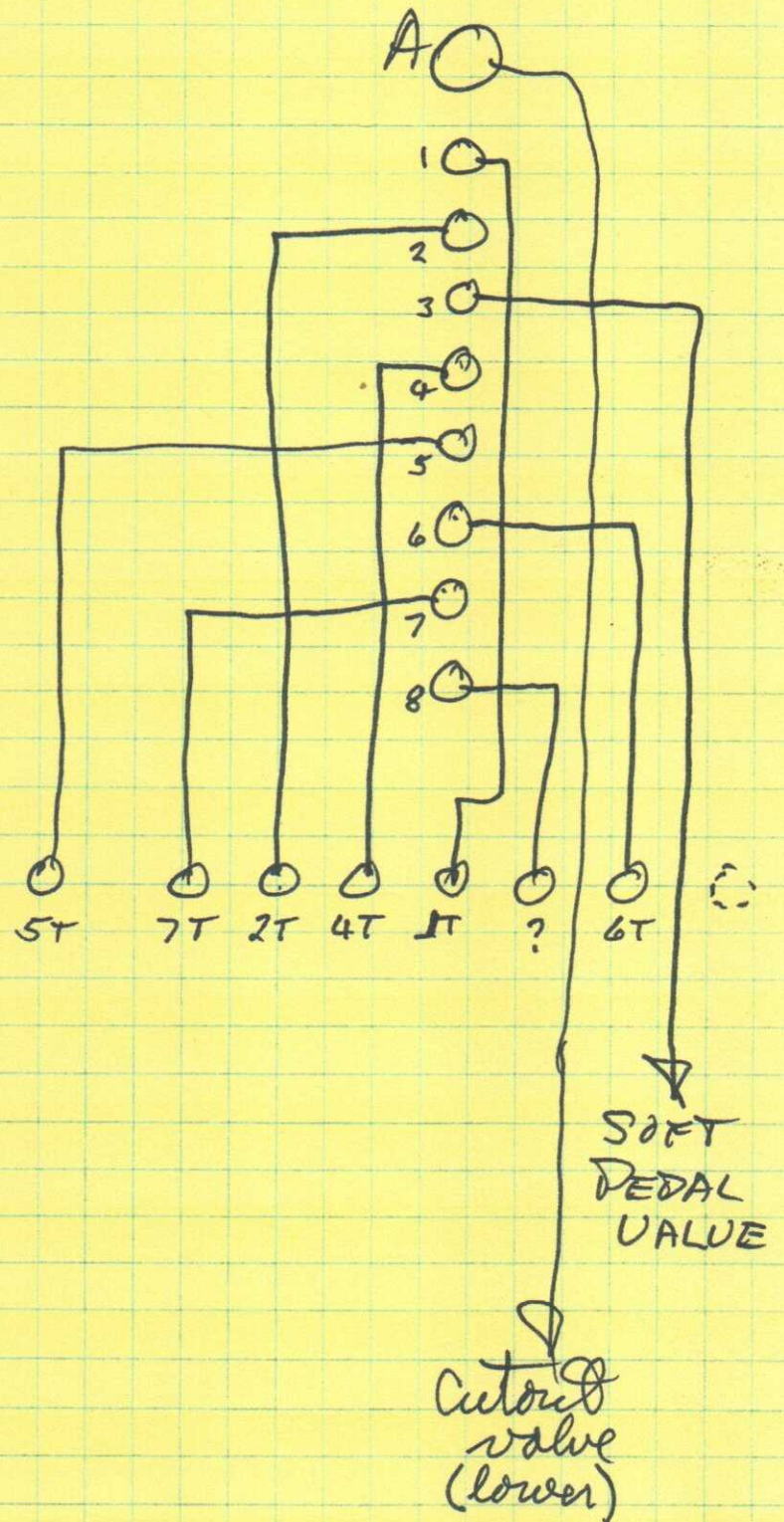
$\frac{3}{16}$

Spring screw extends $\frac{1}{4}$ "



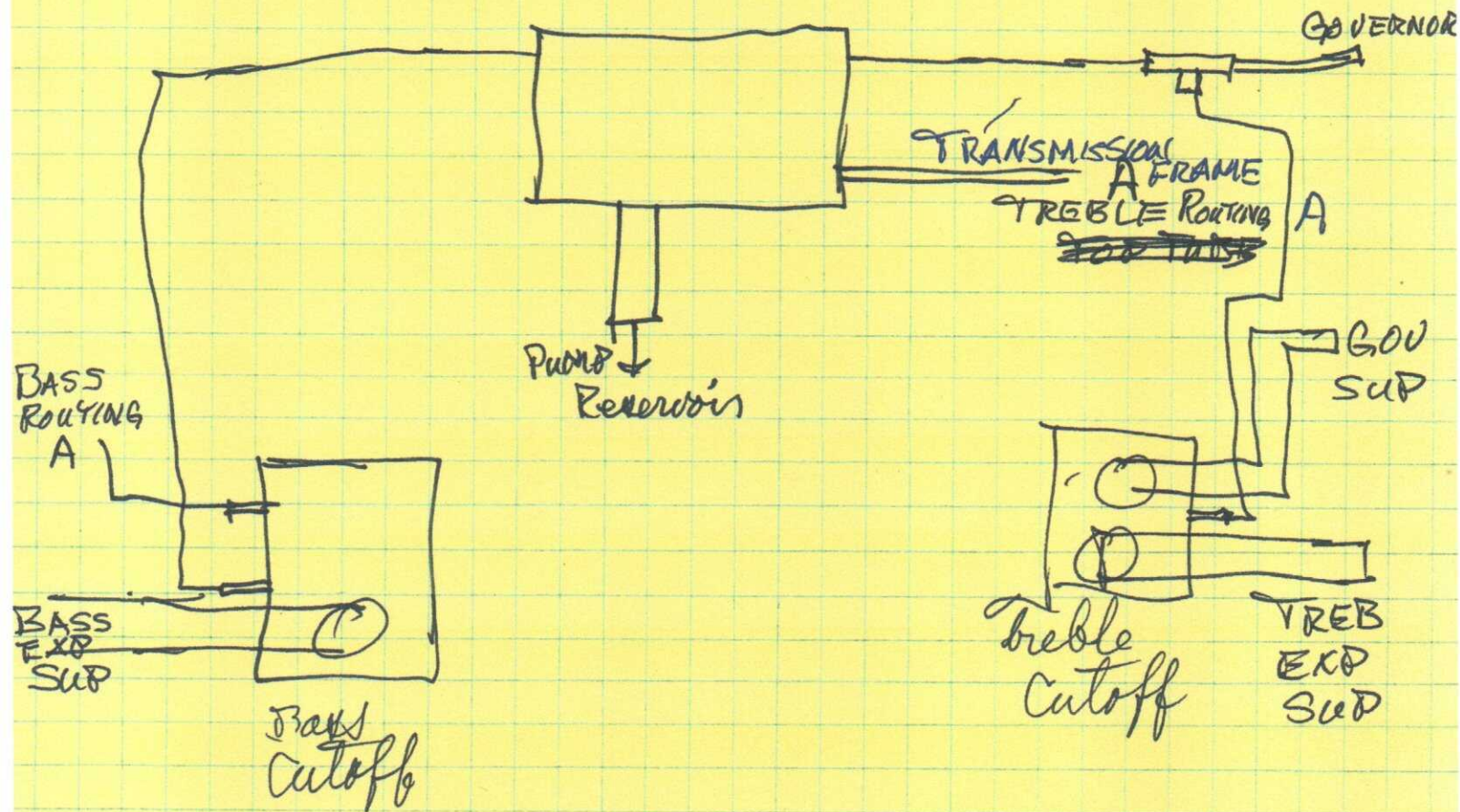
OK 3/5/82

TREBLE ROUTING



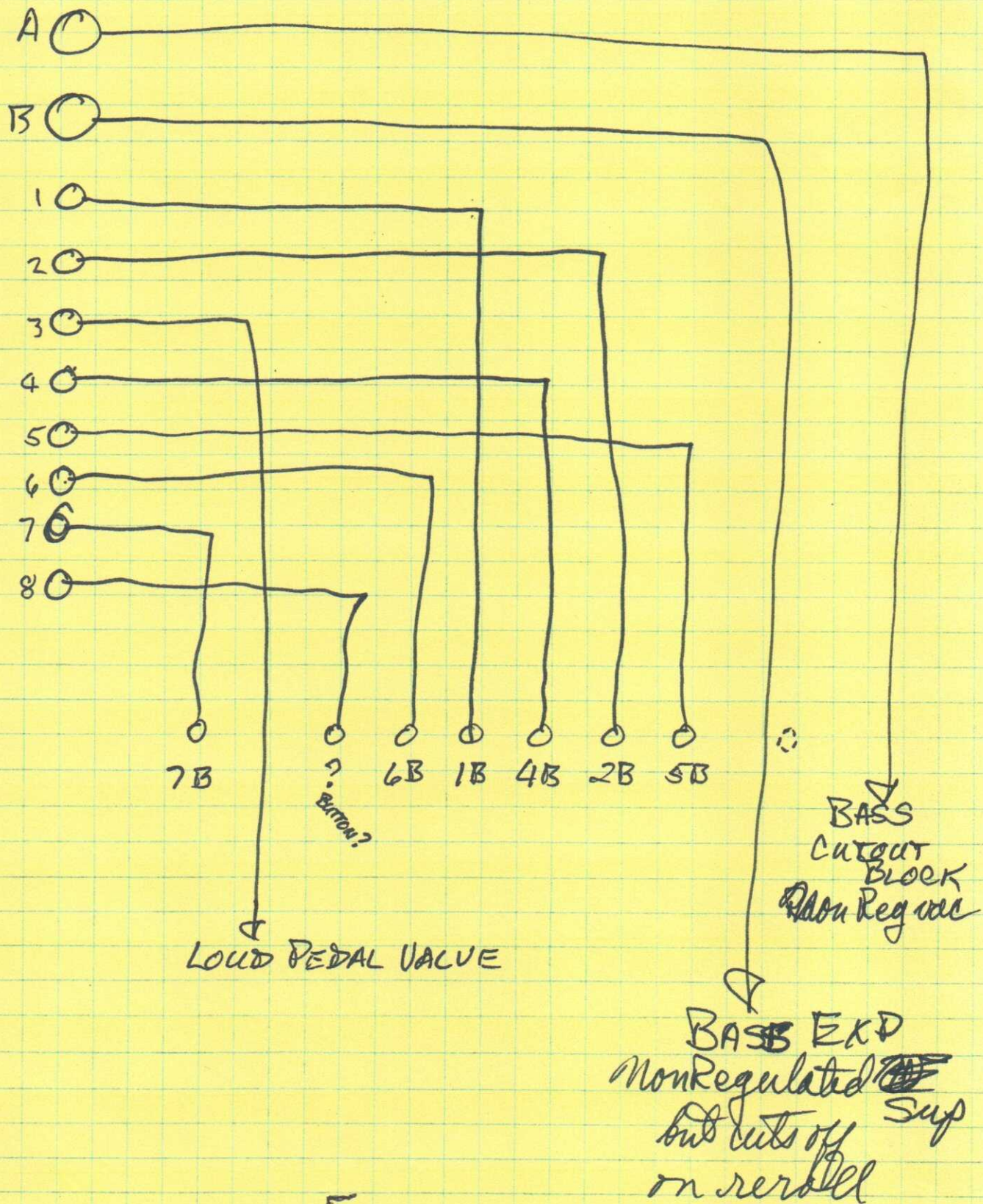
ACTION CUTOFF VALUE

OK 3/4/82



BASS ROUTING

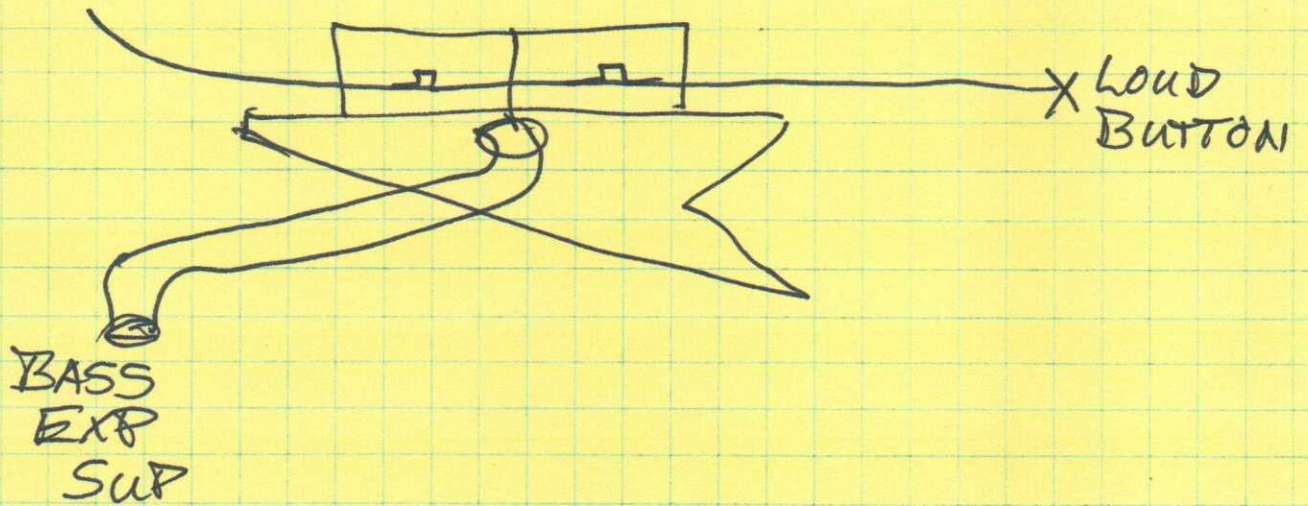
OK 3/5/82



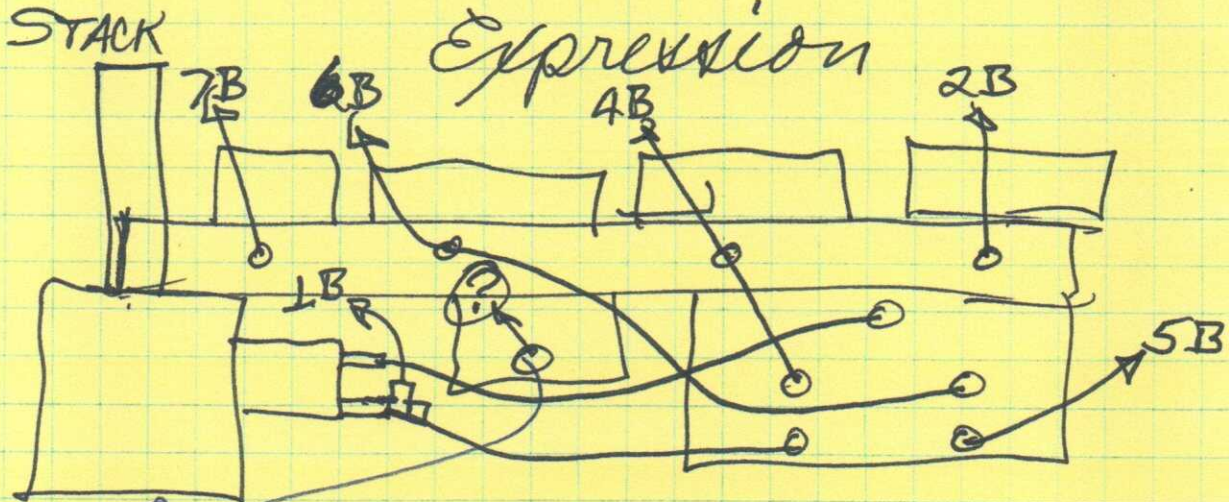
LOUD PEDAL

OK 3/4/82

BASS ROUTING
3



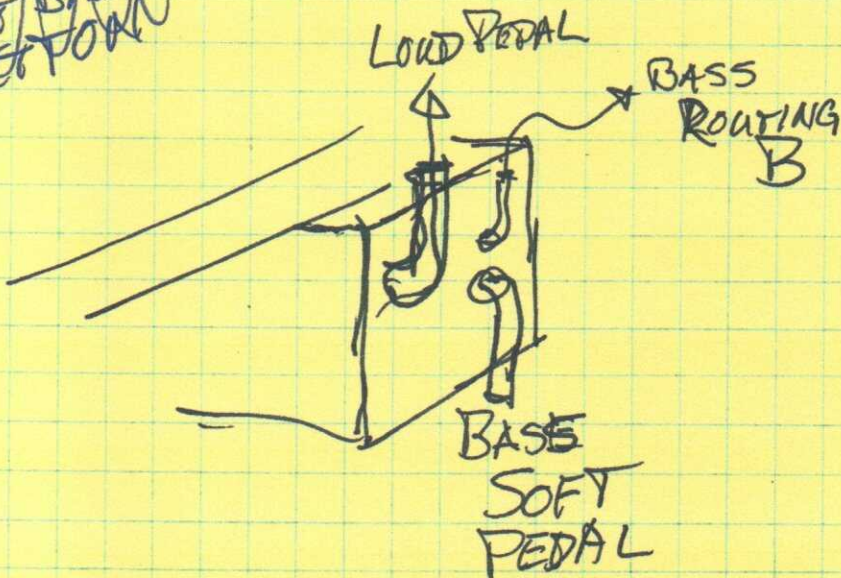
BASS Expression



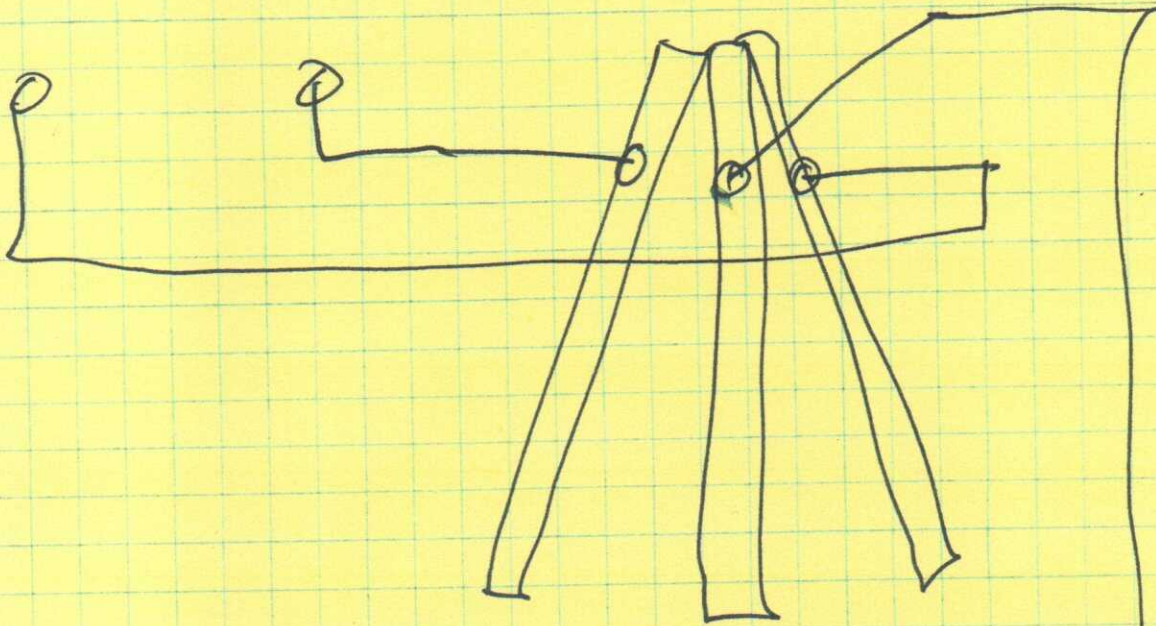
To Bass Routing?
Soft Bass
Bass Pedal

FRONT

OK 3/4/82



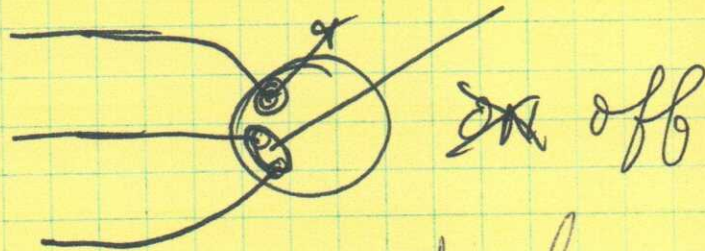
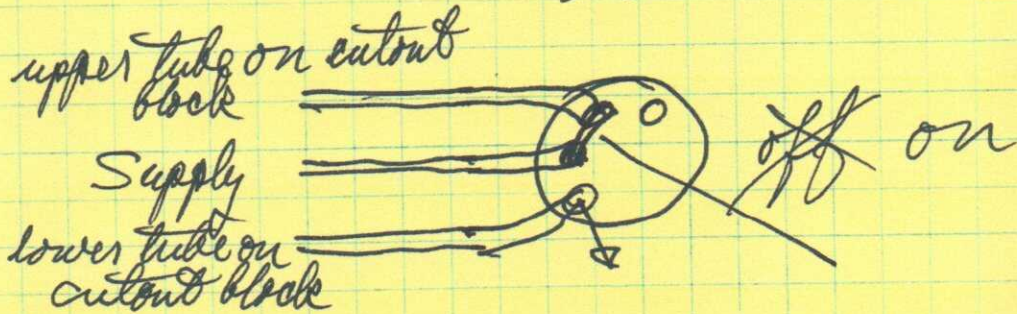
bracking device OK
3/3/82



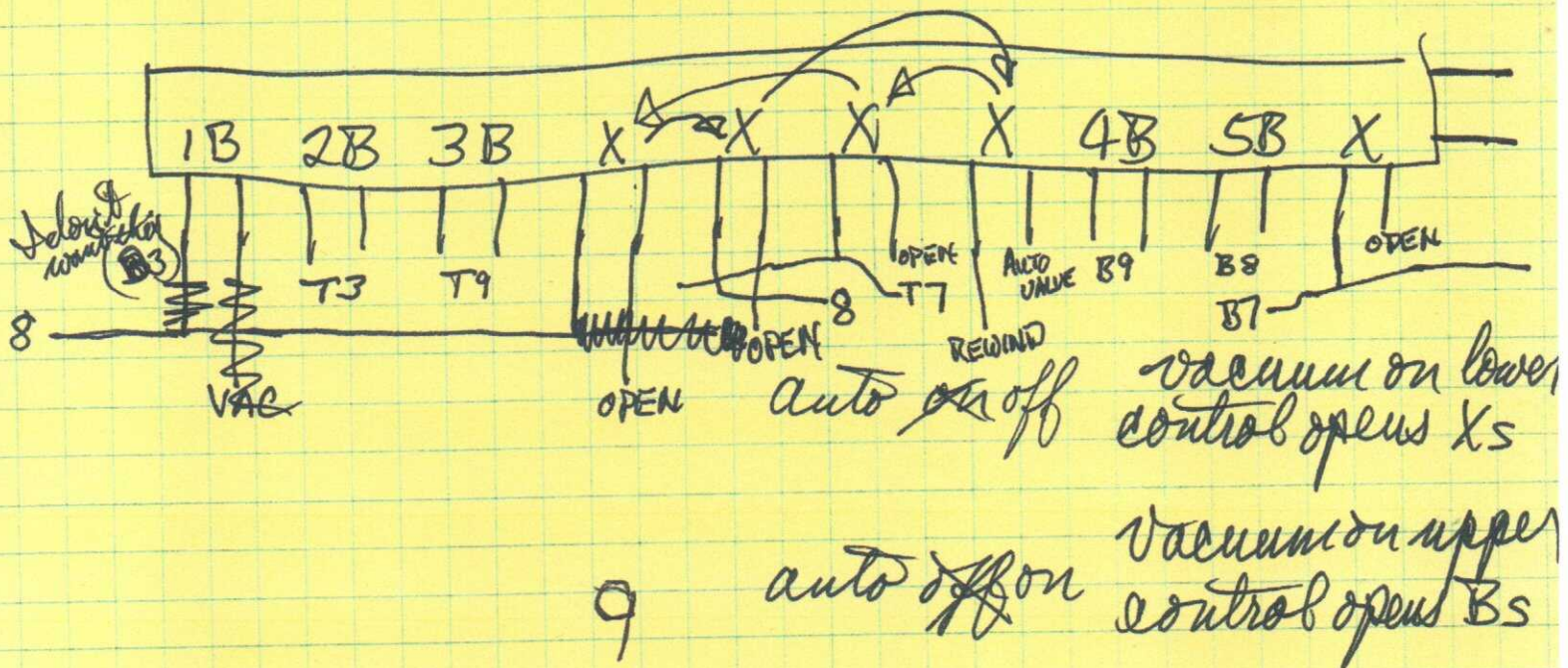
To stack valve
position
Bottom row 10th from
Base end

Expression Switch

Down is ~~off~~ on



make from
#631 4/13/82



OK 3/3/82

B1 - down *

B2 - down *

B3 - up

B4 - down

B5 - down *

B6 - down *

7 - ~~up~~ down

8 - up (to 5B)

9 - up to 4B

10 -

last output goes to
first lead tube base

out goes to 2nd lead
tube on base

last lead tube tube
goes up

T1 - down *

2 - down *

3 - up - 2B

4 - down

5 - down

6 - down *

7 - down

8 - empty

9 - up

10 -

Tubes with numbers

1B
 2B
 3B
 4B
 2Y
 3Y
 4Y
 7Y

on Cutout block

1B
 2B
 3B
 4B
 5B
 X
 X
 X
 X
 X

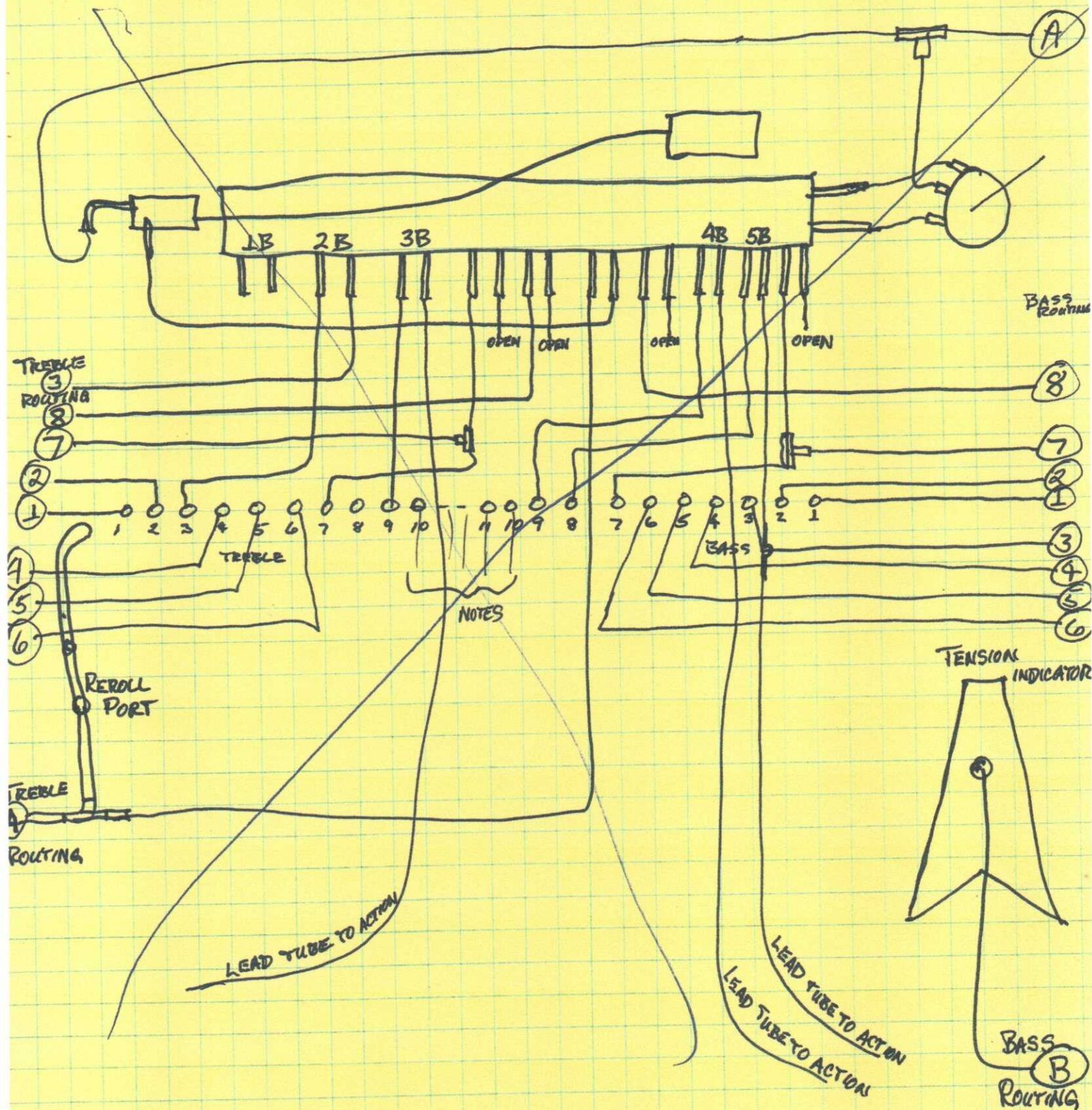
BASS

1 2 3 4 5 6 7
 [] [] [] [] [] [] []
 | | |
 3 4 5

TREBLE

8 7 6 5 4 3 2 1
 [] [] [] [] [] [] [] []
 | | |
 83 85
 84

1 2
 + +



- ~~4~~ 4" Hose to motor $1\frac{1}{16}$ " - ³✓ 2 elbows - at motor = $1\frac{1}{8}$
- 20" Hose to expression - $1\frac{1}{8}$ " 4 elbows
- 18" Hose to stacks $1\frac{1}{8}$ "
- 22" Hose to accumulators - ~~1~~ $5\frac{1}{8}$ "
- 36" ✓ Hose to ^{both} left pedal & valve on RH side - $3\frac{1}{8}$ "
- 15" Hose to cond pedal - $5\frac{1}{8}$ " 2 elbows

✓ $5/32$ basic tubing
 ✓ $7/32$ some larger tubing

✓ have #48 and 58

Unit valves 97
 Primary valves 8 + 1 big one

✓ $3/8$ " straight nipple

✓ Primary valves $1\frac{1}{16}$ " x $\frac{3}{64}$ " thick

✓ Expression valves $\frac{1}{2}$ " w $\frac{5}{32}$ " hole X 2

bridge straps

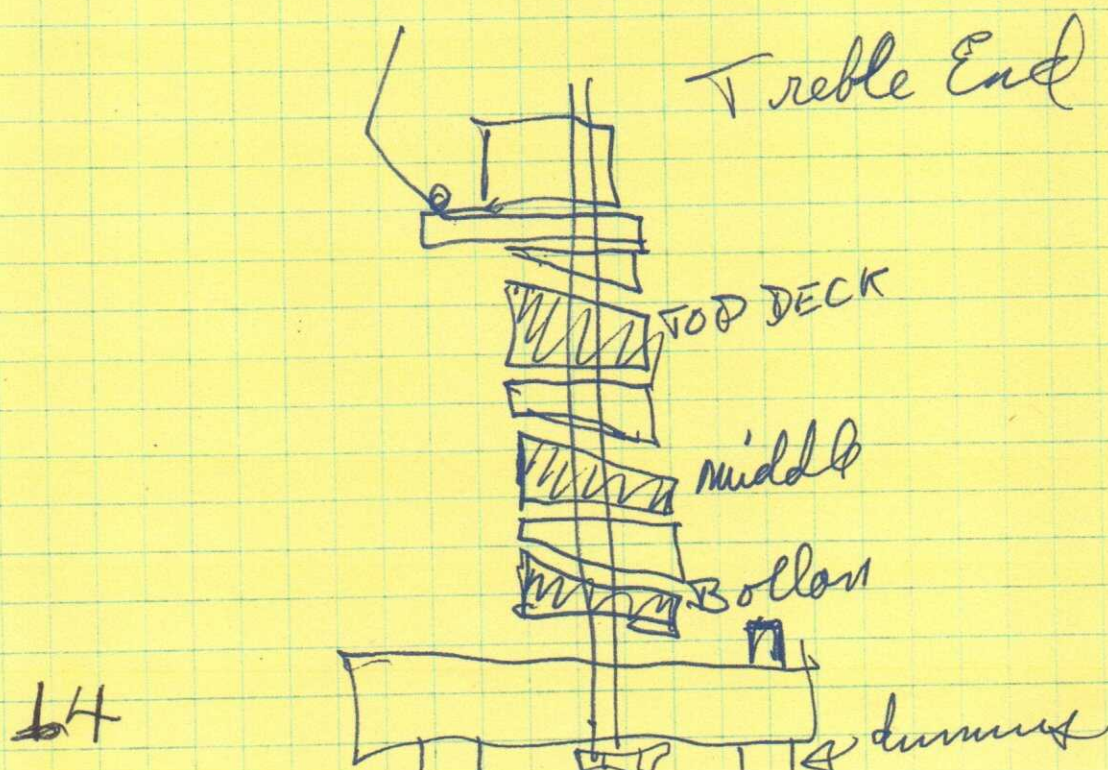
13

large piano wire

Ampire stack - Foster Marque upright
 From the front
 Dummy valves counting from the
 left - bass - end

Top row (total=32) #30 [#7, #10, #21 ^{not used but have real valves}]
 Middle row (total=32) - #5, #10, #21, #26
 Bottom row (total=32) - #1, #3, #10, #13, #22 ^{with nipple}
 (Total = 80 active valves)

Strikes flange bar is screwed on top of
 stack - 4 long screws on flange edge
 4 short screws on valve edge



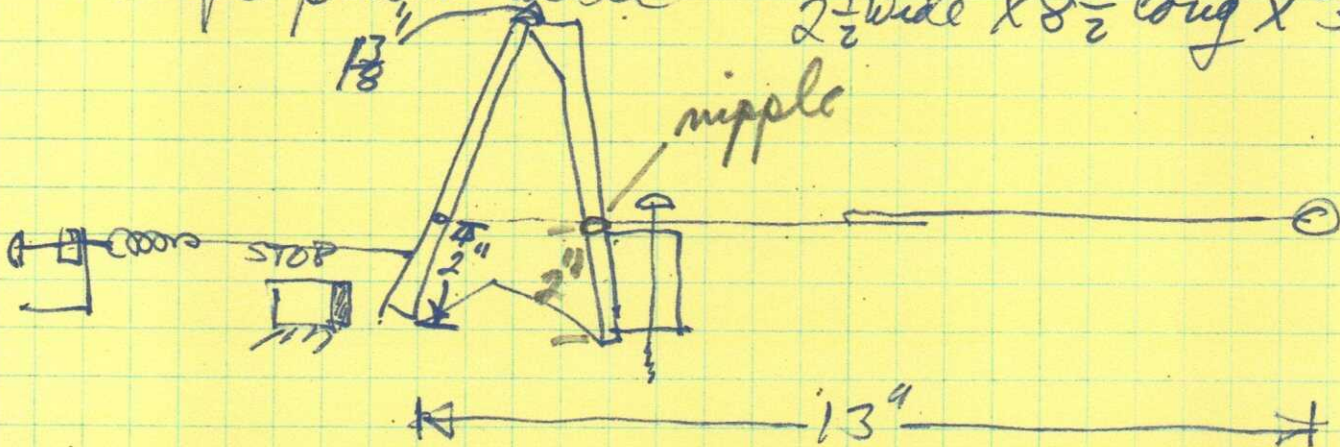
Strikes pneumatics

$1\frac{1}{4}"$ span
 $1\frac{3}{8}" \times 4"$

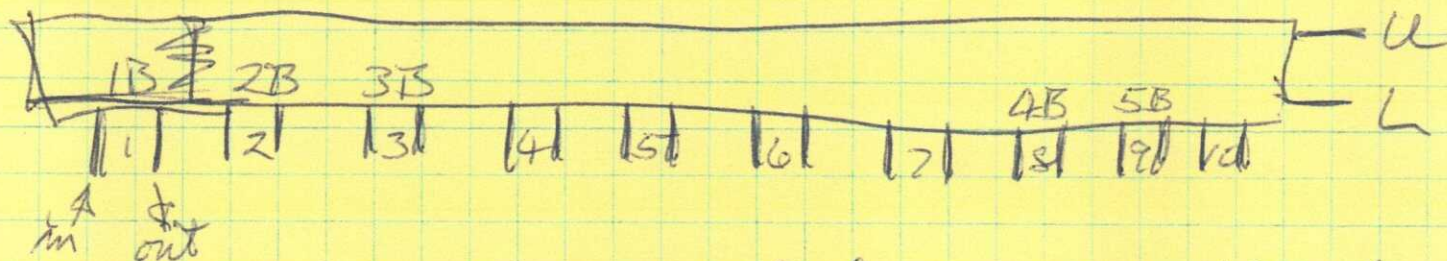
end cloth $1\frac{1}{2} \times 11\frac{3}{4}$

Guage pneumatic

$2\frac{1}{2}$ wide $\times 8\frac{1}{2}$ long $\times 3\frac{1}{4}"$ SPAN



3/3/82



With vacuum on U

All are normally closed
vacuum on U or L
opens designated ones

~~closed 4 5 6 7 10~~

open 1 2 3 8 9

With vac on L

~~closed 1 2 3 8 9~~

Open 4 5 6 7 10

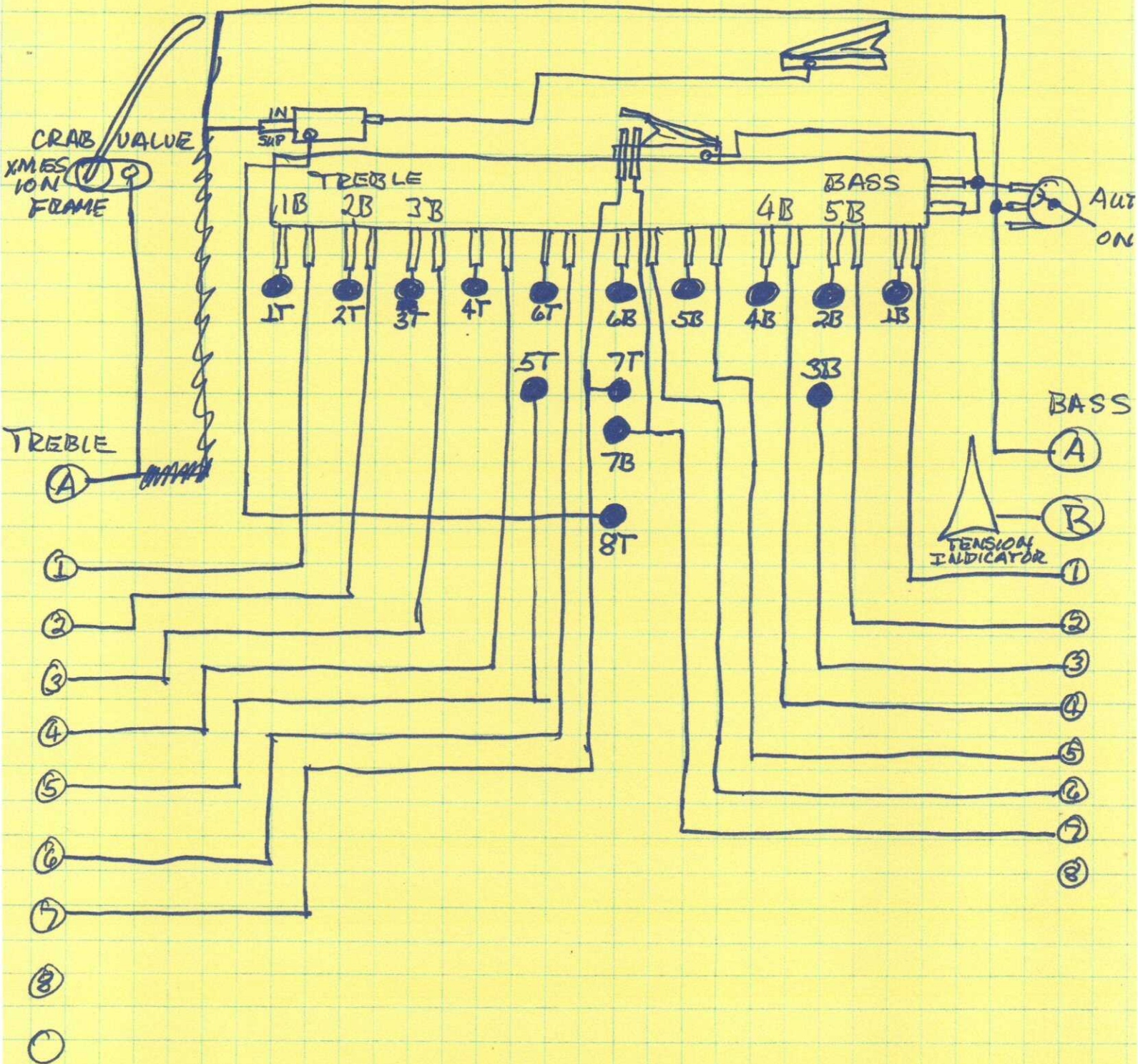
Controlled:
turned off in auto off

~~1B~~
~~2B~~
~~4B~~
~~5B~~
~~6B~~

1B
2B
4B
5B
6B

~~1T~~
~~2T~~
~~3T~~
~~4T~~
6T

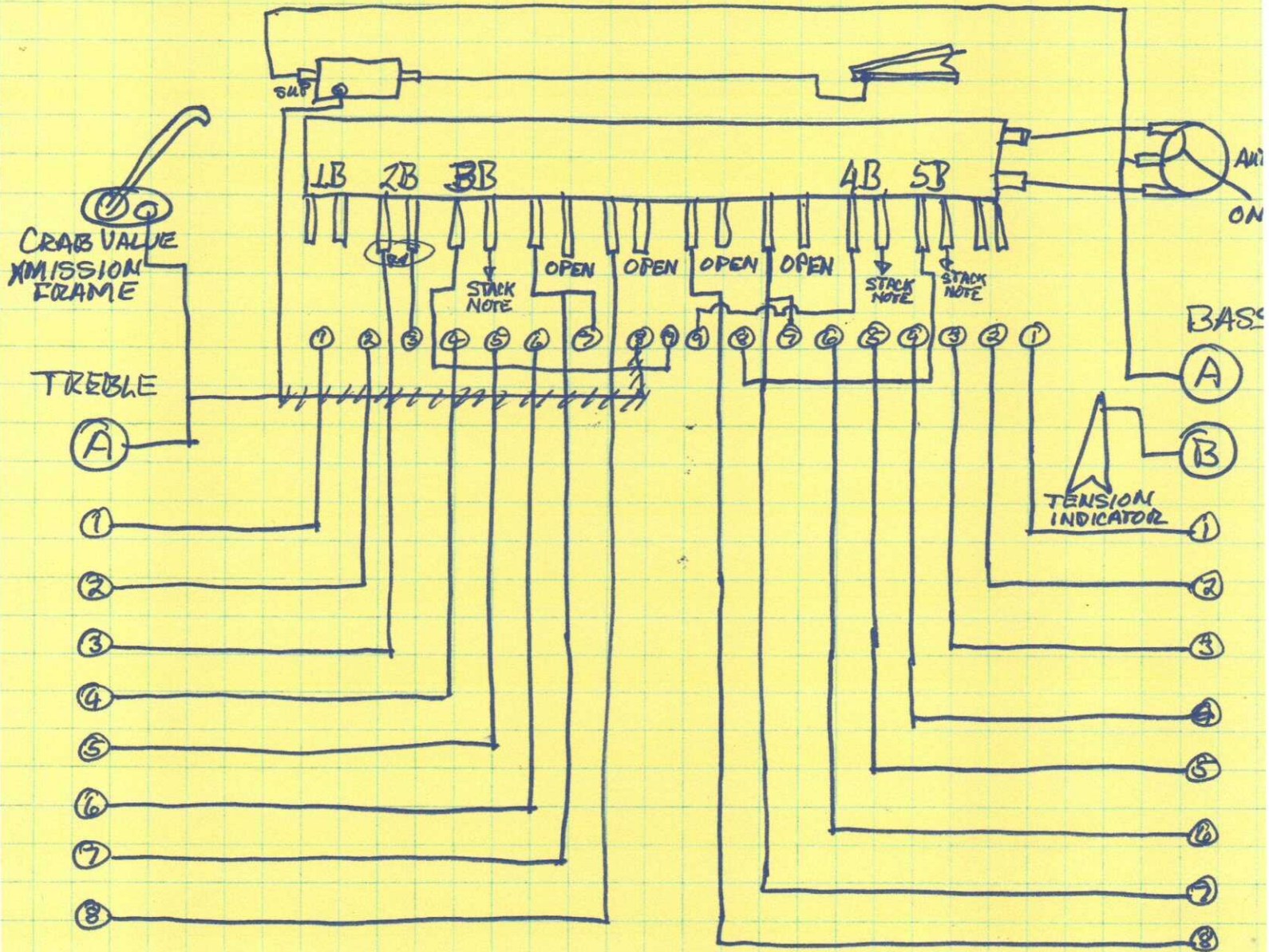
3/5/82



L7

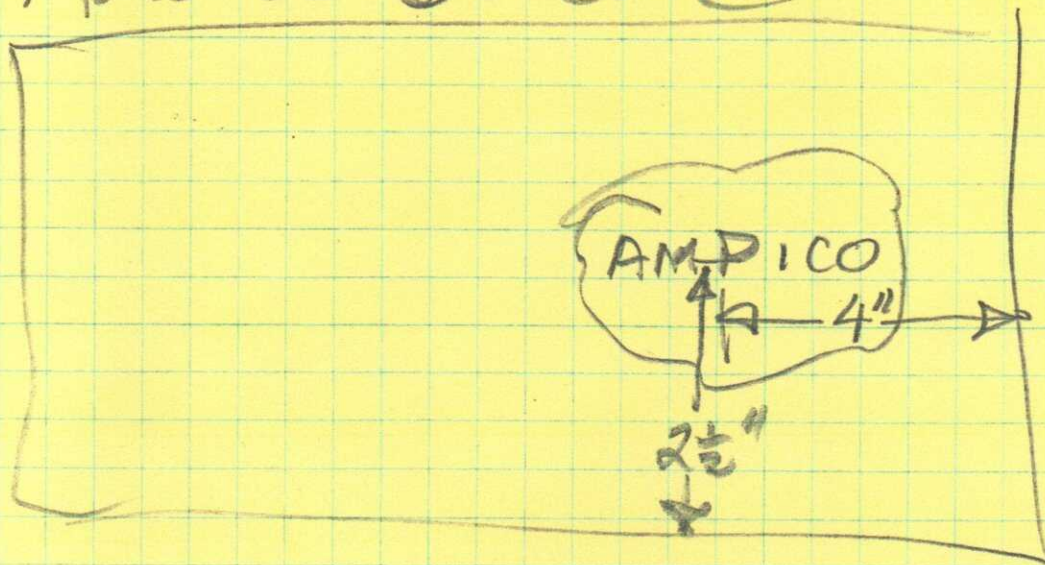
3/5/82

Use This alternate

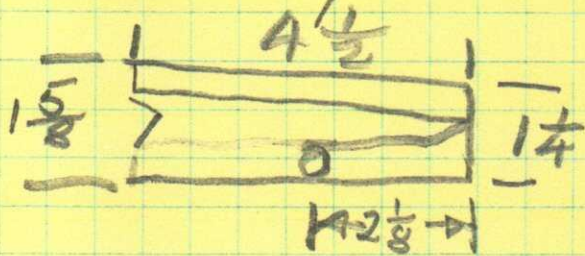


3/27/82

AMPICO DECAL



Pneumatic for AUTO SWITCH

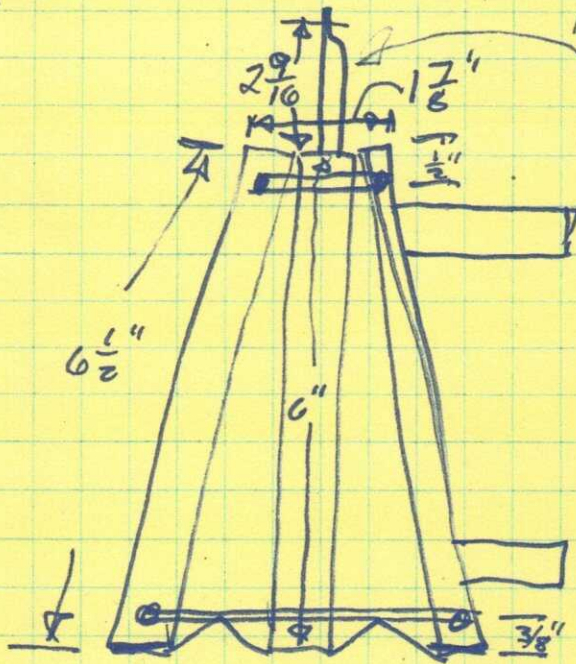


$2\frac{3}{4}"$ WIDE

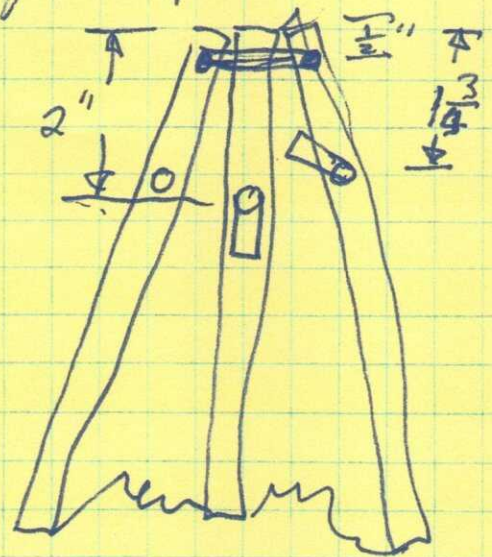
3/27/82

Pracker pneumatic

lever is 1" from front edge



Front view



REAR

Free Span = 5"
width = 2 1/2"

Motor pneumatics

6 x 1 1/2 x 2" SPAN

la

5/7/82

Soft pedal $6" \times 2\frac{1}{4}" \times 2\frac{1}{4}"$ span

Load Pedal $8" \times 3\frac{1}{2}" \times 2\frac{3}{4}"$ span

Governor $11" \times 2\frac{1}{2}" \times 3\frac{1}{4}"$ span ($2\frac{1}{2}"$ hinge end)
 $2\frac{3}{4}" \times 1\frac{3}{8}" \times 1\frac{1}{2}"$ span ($\frac{7}{8}"$ hinge end)

Equalizer $8" \times 3\frac{1}{8}" \times 2\frac{1}{2}"$ span ($1\frac{3}{4}"$ hinge end)

Pumping bellows

Feeder $8\frac{1}{2}"$ hi $\times 14\frac{1}{2}"$ wide $\times 1\frac{1}{2}"$ at hinge
Spring = $2\frac{1}{4}"$ from end α span = $6"$

Reservoir $15"$ hi $\times 10"$ wide $\times 1\frac{1}{2}"$ at top
 α span = $5\frac{1}{2}"$

Regulator bellows inside reservoir

Span = $\frac{3}{4}"$ with tape - $\frac{7}{8}"$ free

6/12/82

F allboard decals

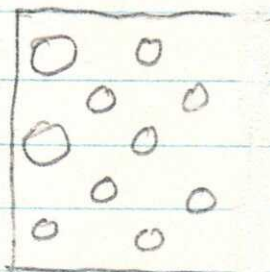
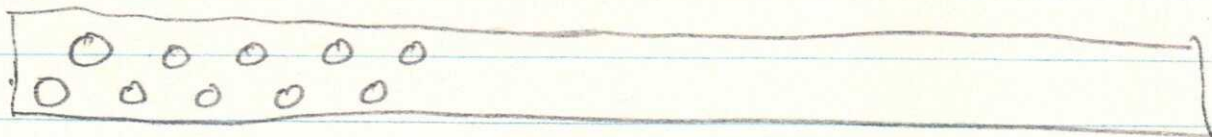
Top of letters $\frac{1}{2}$ " from top edge



BLOCK CAPITAL
LETTERS $\frac{3}{32}$ " HIGH

$\sim \frac{1}{8}$ " wide

top of letters = $\frac{1}{2}$ " from
bottom
edge



need ~~1~~ 4 $1\frac{1}{8}$ " elbow
 1 $1\frac{1}{8}$ " nipple
 3 $1\frac{1}{8}$ to $5\frac{1}{8}$ " TEE

Pouches on spring pneumatic = 1" dia
 valves $\frac{1}{2}$ " with $\frac{1}{8}$ " hole
 2X each 10 of these
 + 83 + 1

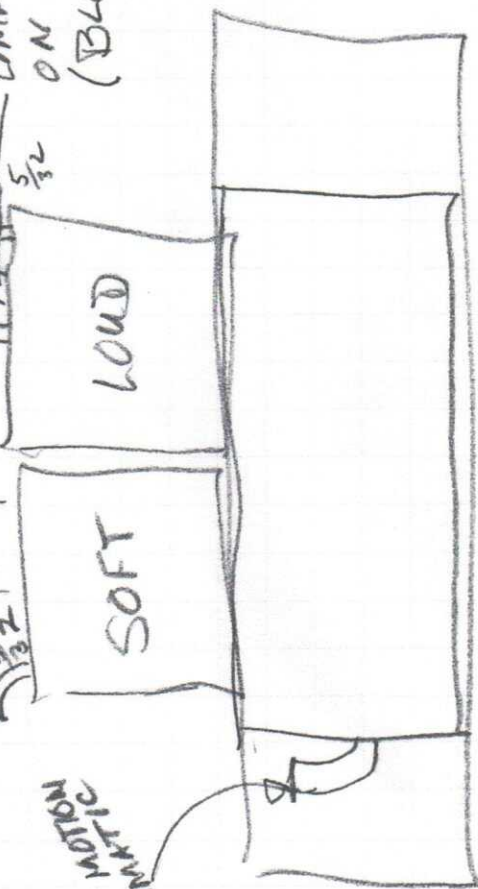
Unit valves
 pouch - $1\frac{1}{8}$ " with $\frac{3}{4}$ " after dive
 valve - $\frac{3}{4}$ " d 2X each
 83 + 6 + 1

Rubber washer $\frac{11}{16}$ " dia with $\frac{1}{8}$ " hole

SUPPLY PNEUM
 1/8" LOAD TRACKER HOLE
 5/8" LOAD TRACKER HOLE
 COMPENSATE PNEUMATIC
 ON SPRING PNEUMATIC
 (BLOCK OFF IF NOT USED)

SOFT PNEUM
 1/8" LOAD TRACKER HOLE
 5/8" LOAD TRACKER HOLE

1/2" LOAD TRACKER HOLE
 "LOAD TRACKER HOLE"



Back and from
viewed side
Spool

most tubing is $\frac{5}{32}$

