STEFFEN KREBBER

SPRECHENDE OHREN

for drum set and two loudspeakers (2024)

duration: ~ 9 min.

instrumentation

drum set, microphones and speaker

bass drum	(dynamic)
hi-hat	(condenser close)
ride	(condenser close)
crash	(condenser close)
snare (metal)	(condenser)
woodblock (on felt gilders)	(condenser)
floor tom (clear sustain)	(dynamic)
stone	(condenser)

skins coated except bass drum
dark and rich cymbals and hi-hat

2 big loudspeakers or preferably arrays L R

with sufficient bass and a sub each
if needed doubled

2 monitors Lm and Rm pointing sideways at drummer if needed

2 loudspeaker as support Ls Rs

support of unprocessed drumset sound located left and right directly at drumset

setup

an extra person caring for the sound is necessary
count in 2 hours for the setup and 1 hour for soundcheck in rehearsal and concert room

positioning

2 loudspeakers plus subs far L and far R
2 support speakers Ls and Rs directly at drumset
drum set with monitors Lm Rm in center of stage

sonication

sends

8 ways from stage to mixer
8 x drumset → sum R L to patch

returns

7 ways from mixer to stage

1 x to L : L patch out
1 x to R : R patch out
1 x to Ls : optional support drumset sum L
1 x to Rs : optional support drumset sum R
1 x to Lm : L patch out + optional support drumset sum L
1 x to Rm : R patch out + optional support drumset sum R
1 x to headphone amps with click if wanted

inside mixer

tracks must be adjustable in a separate layer to send sum to patch differently put single tracks must be adjustable for dry and wet sound

from computer to mixer

2 x patch out → to L and R

hardware

8 adequate microphones plus stands for drum set
x ground lifts if necessary
1 headphone amp with in-ear headphones if necessary
1 computer and sufficient sound card + Ableton Live Suite 11
1 sufficient mixer
    compressors
    gates
    EQs
cable

mix & sound

most of the amplified sound shall come out of the patch (L R), but direct support is needed to get a solid rock drum sound (Ls Rs)
cymbals and hihat need to have high frequencies only (starting @~800Hz) despite close miking -> EQ
rocklike drum set sound with dark, clear, postrocky cymbals
loud hi-hat with body (leaving in a bit more mids than cymbals)

synchronisation

it is possible to play the piece using the processed sound as metro via the monitors
another way is to use the click track of the Ableton session
in case you use the click track the monitors are not absolutely necessary
in case you use the processed sound the headphone setup is not necessary

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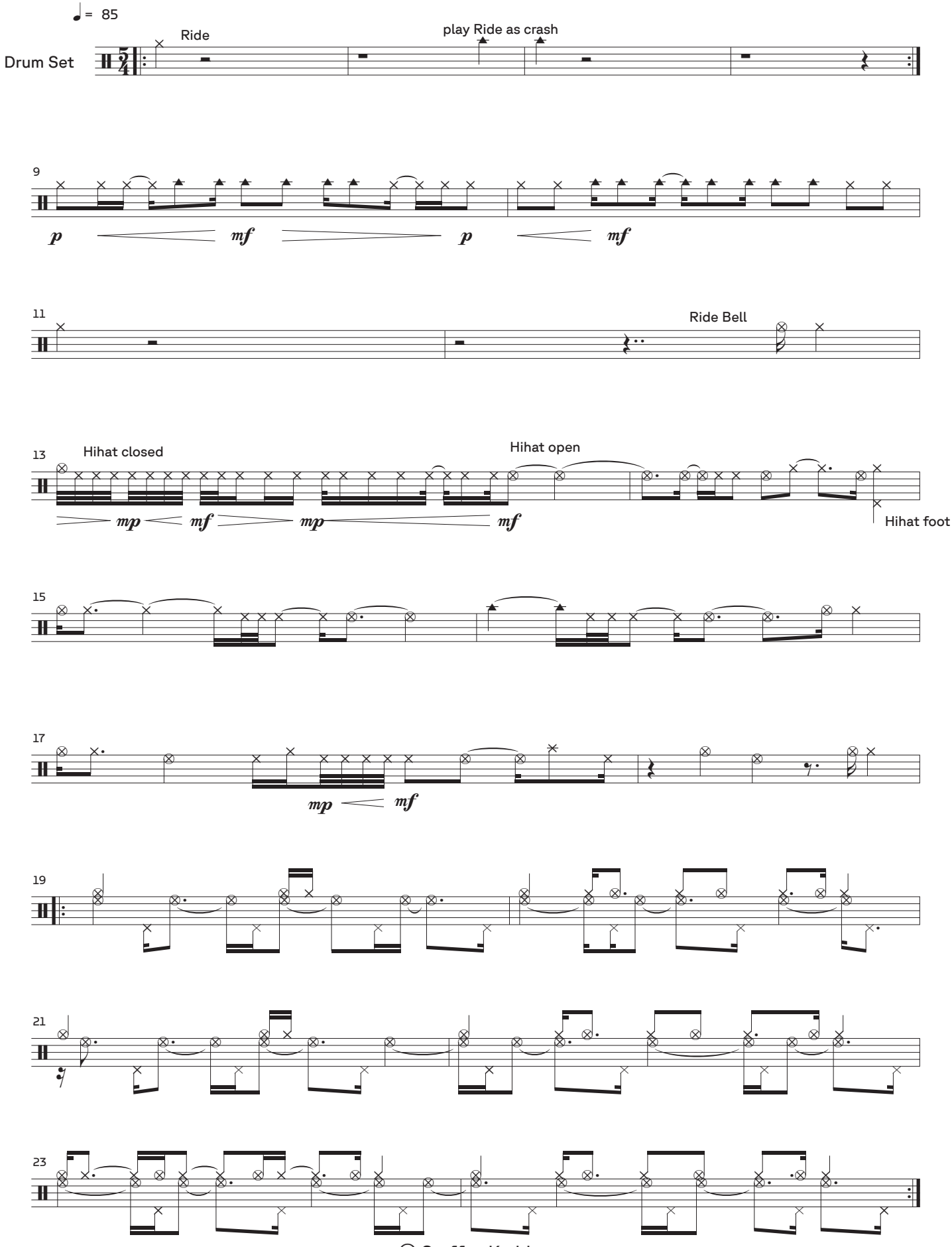
SPRECHENDE OHREN

for drumset, and two loudspeakers

commissioned by musikfabrik
for Dirk Rothbrust



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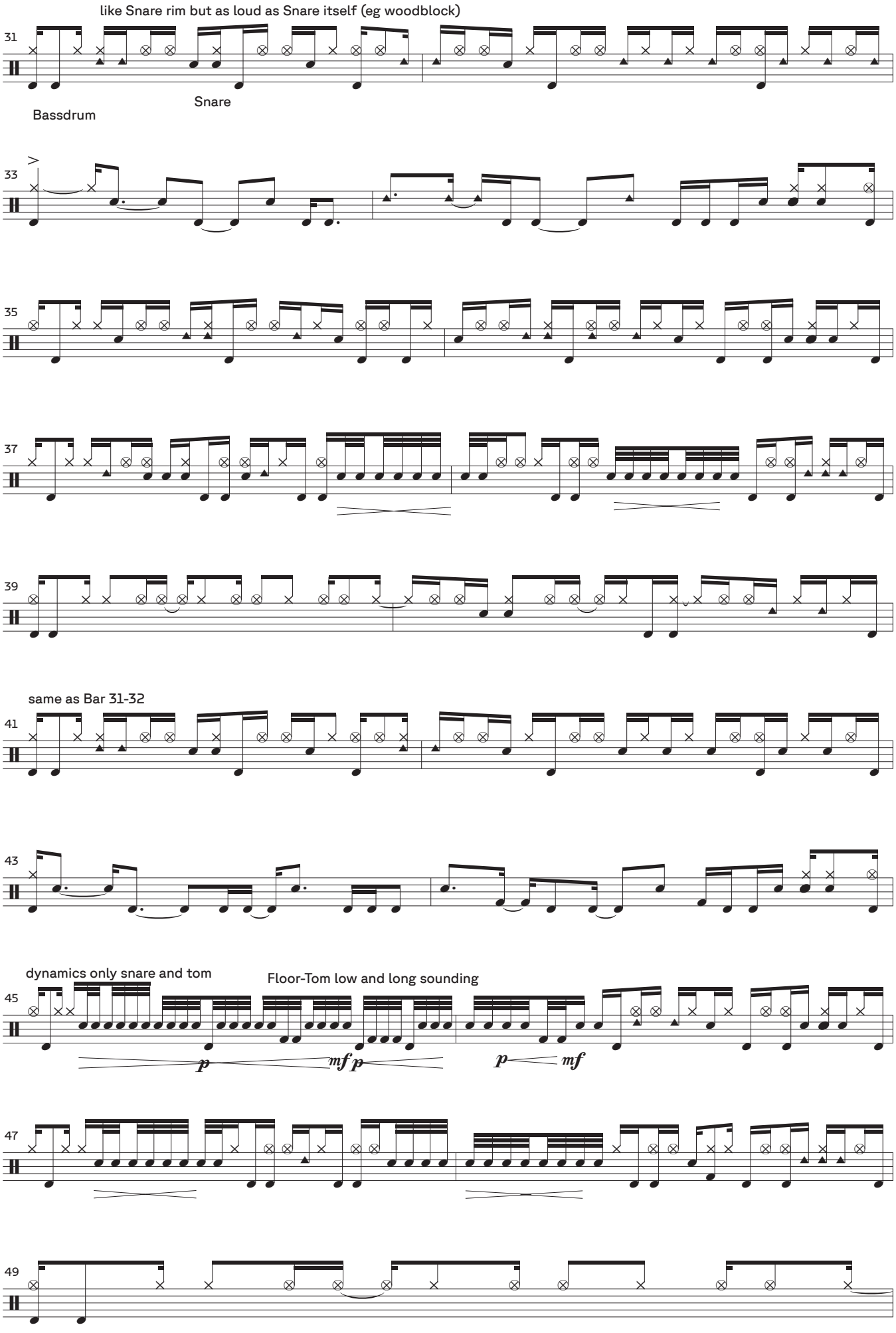

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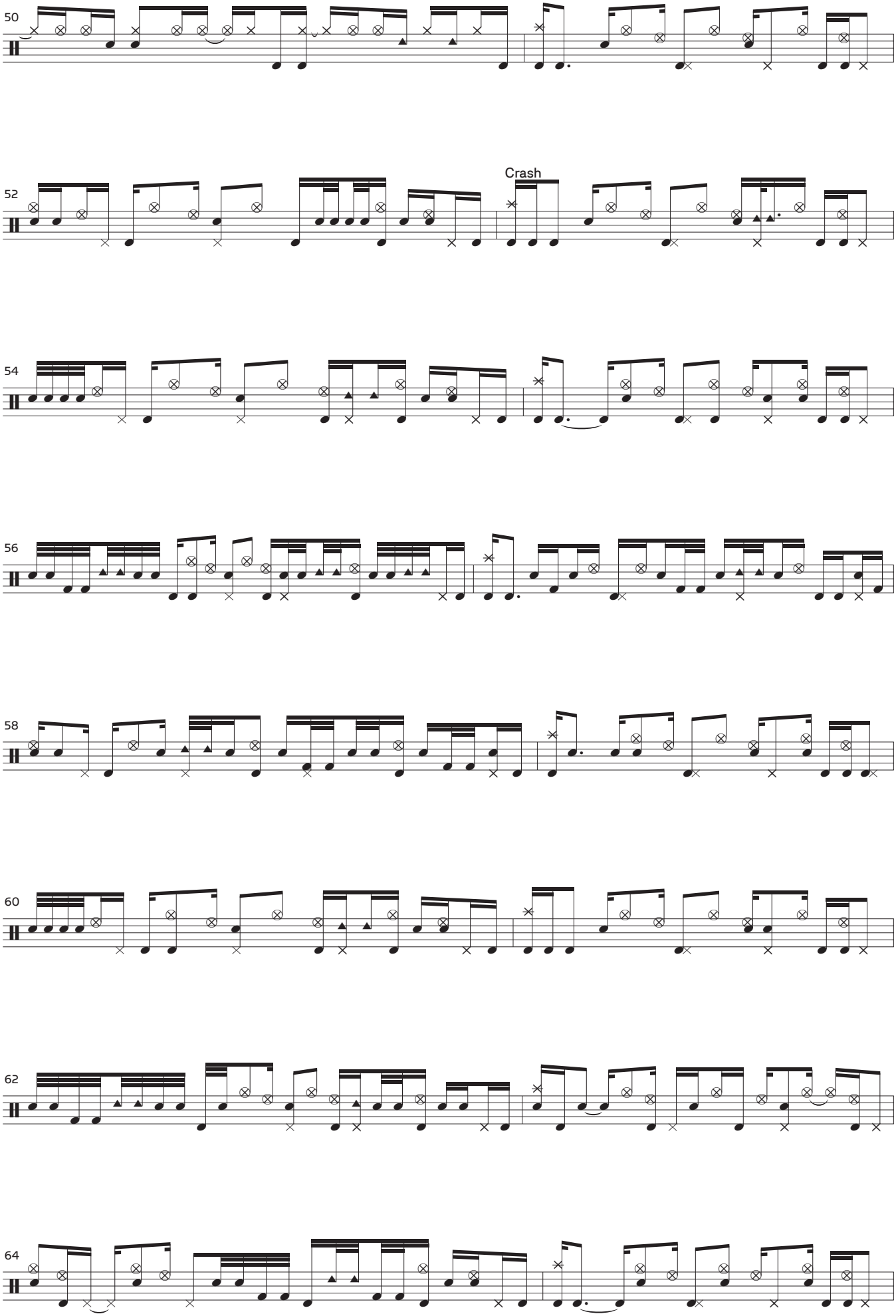

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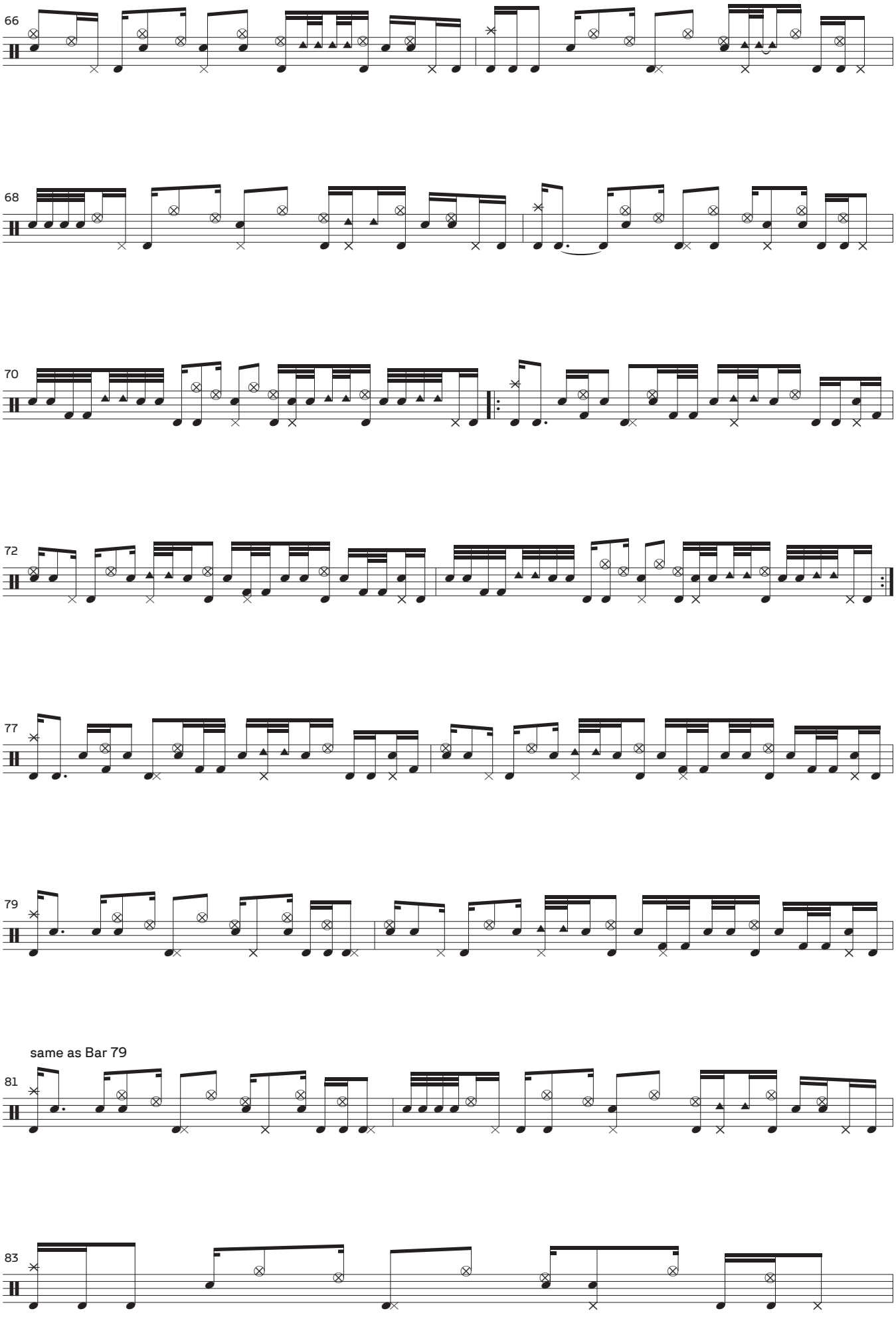

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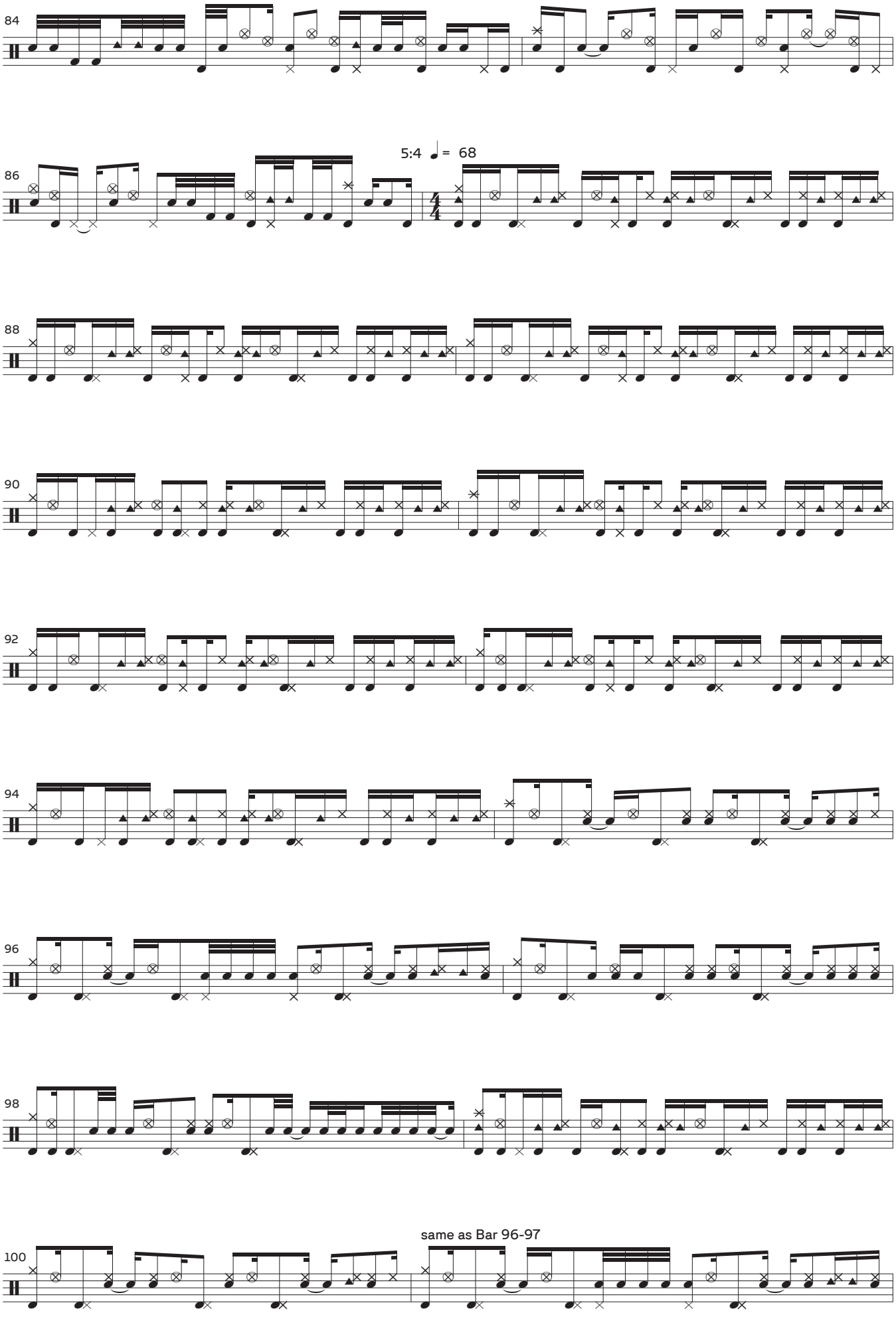

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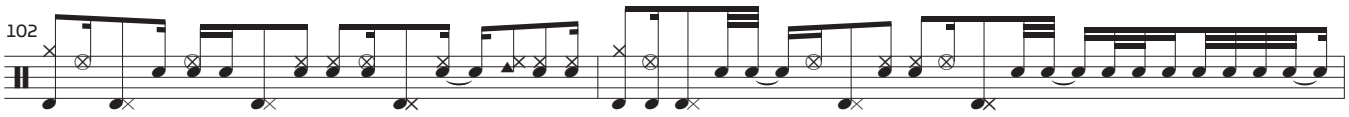
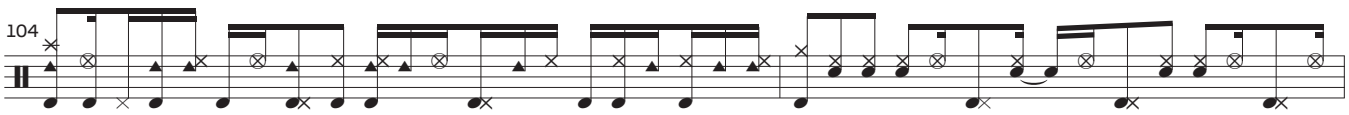
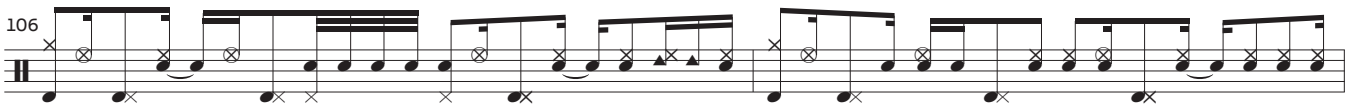


almost Bar 98 :)

same as Bar 99

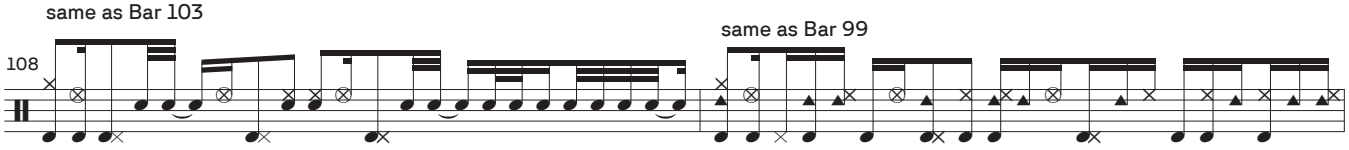


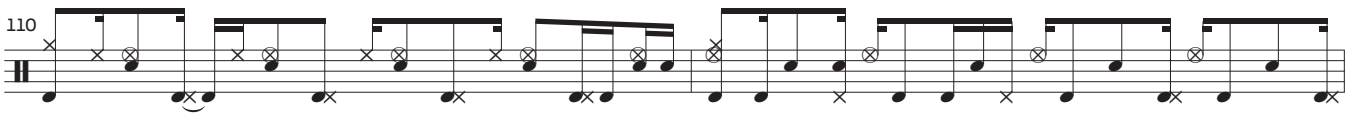
same as Bar 96-97

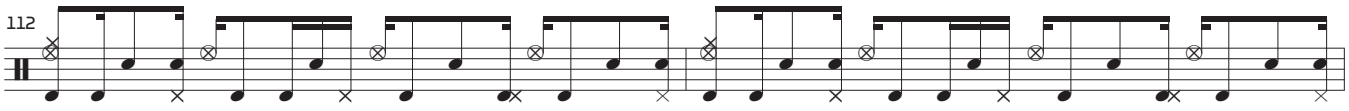


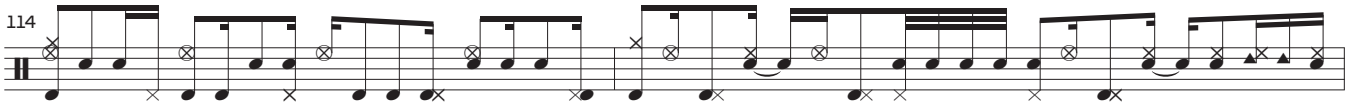
same as Bar 103

same as Bar 99

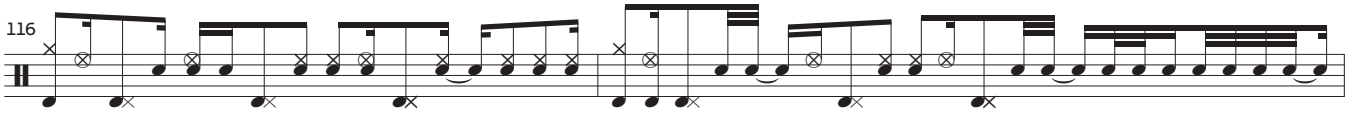




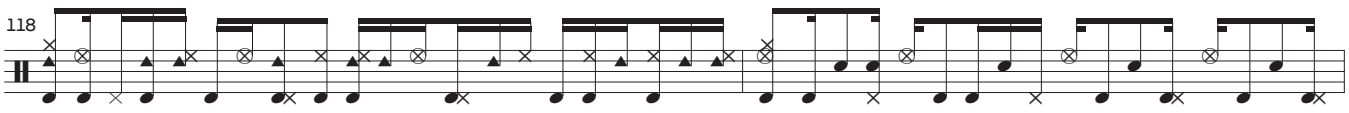


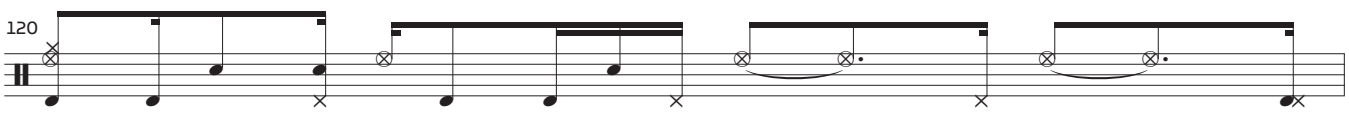


same as Bar 96-97 // same as Bar 101-104



same as Bar 111





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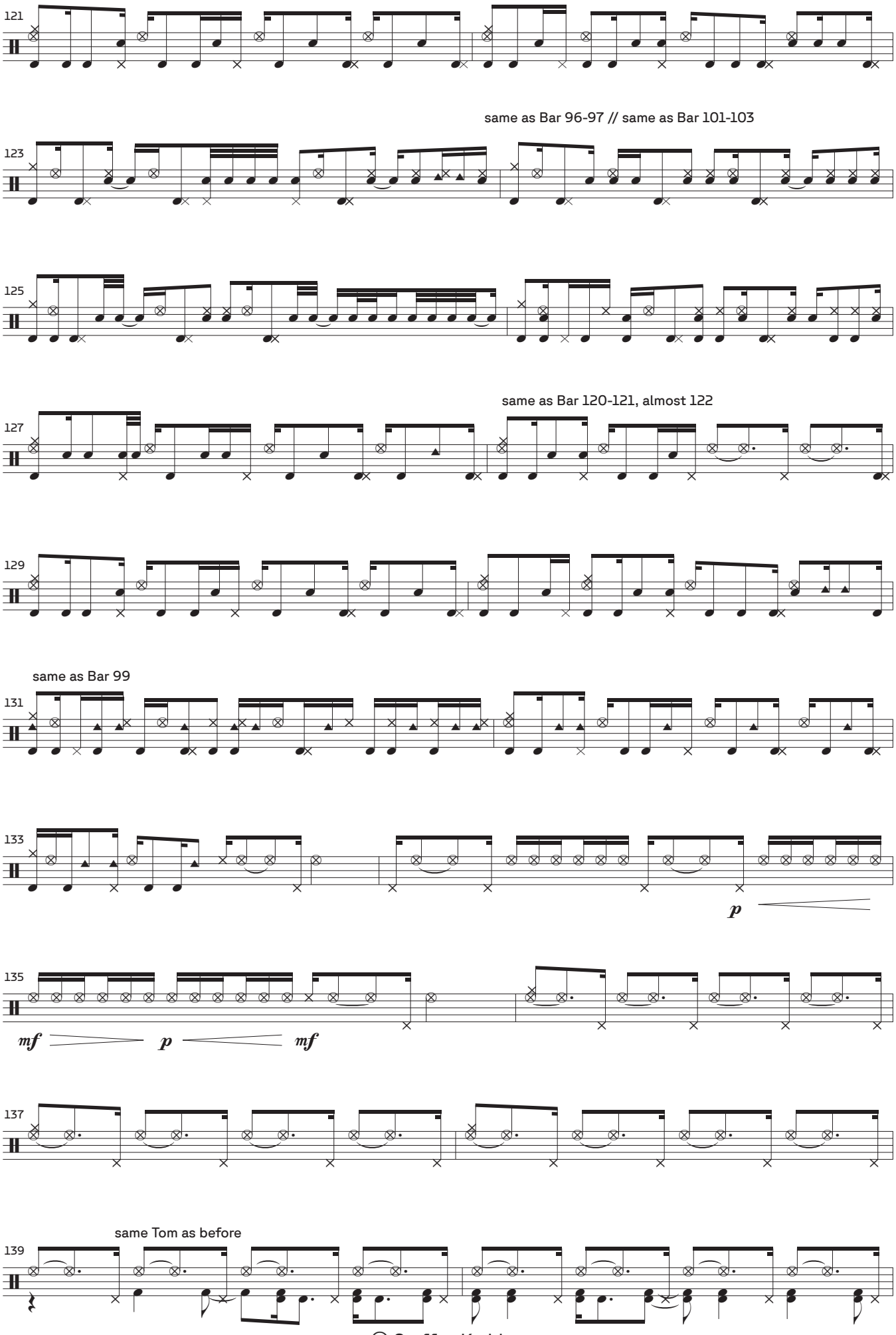

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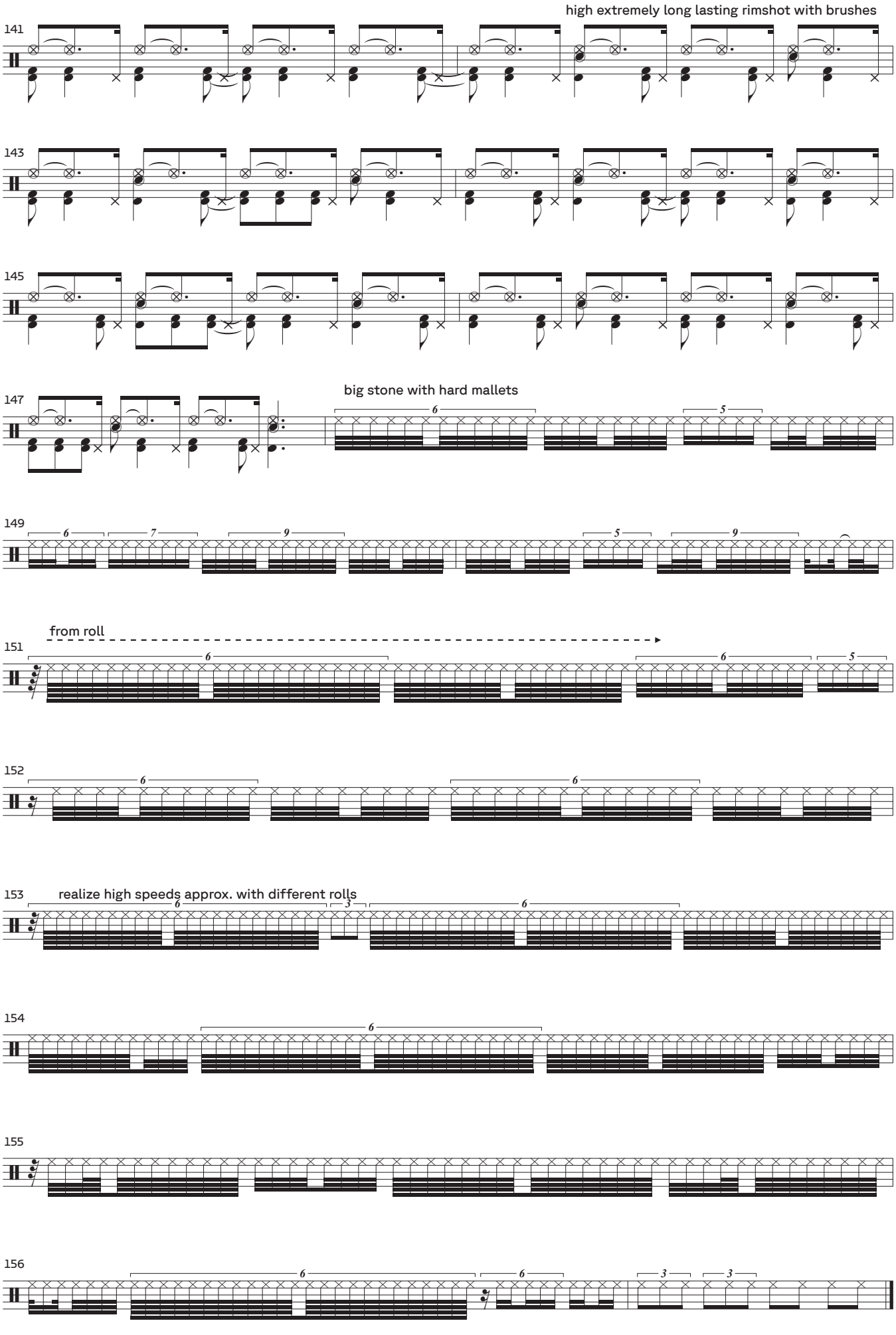

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