Knut Vaage:

ELECTRA II

for
amplified flute and computer

2023

(version 26.02.2023)

with thanks to Thorolf and Ingela

Full PA with sub, a laptop (min. 1 Ghz) with Max/MSP, and a four channel sound card is required.
The piece should be performed with quite loud amplification.

Electra II for flute and computer is based on Electra for el.violin and live electronics.
The studio testing and developing of Electra II has been done together with Ingela Øien autumn 2005.
Electra for el.violin was commissioned and premiered by Victoria Johnson in 2003.

The Max/MSP programming is done by Thorolf Thuestad at BEK in Bergen

New version performed on BIT20-concert february 2023. Re-programmed electronics by Thorolf Thuestad
No longer use of Max/MSP and cues was done manually. Still Max-cues ar notated in score

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ABOUT THE NOTATION OF THE SCORE:
Accidentals apply through the whole bar within the same octave.
Upper staff show time and triggers, second show what is actually played,
and the rest describes the computer activity - all based on realtime processing

DURATION:
Approximate 13 min. 40 sec.

First performed at BergArt 2005 by Ingela Øien, Bit20 Ensemble

Video art (based on a vulcano) by Ellen Røed

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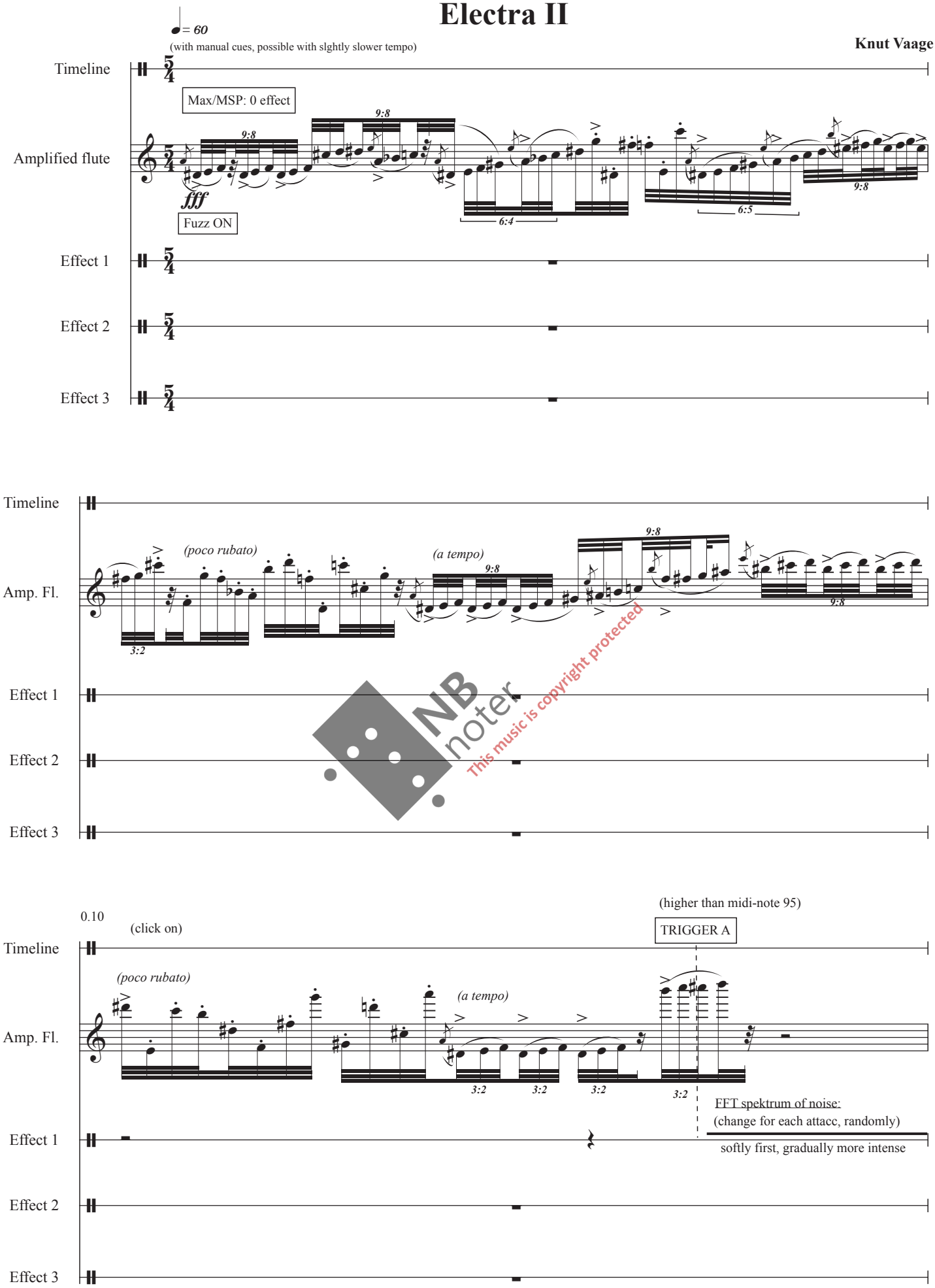
More info: www.knutvaage.com

Electra II



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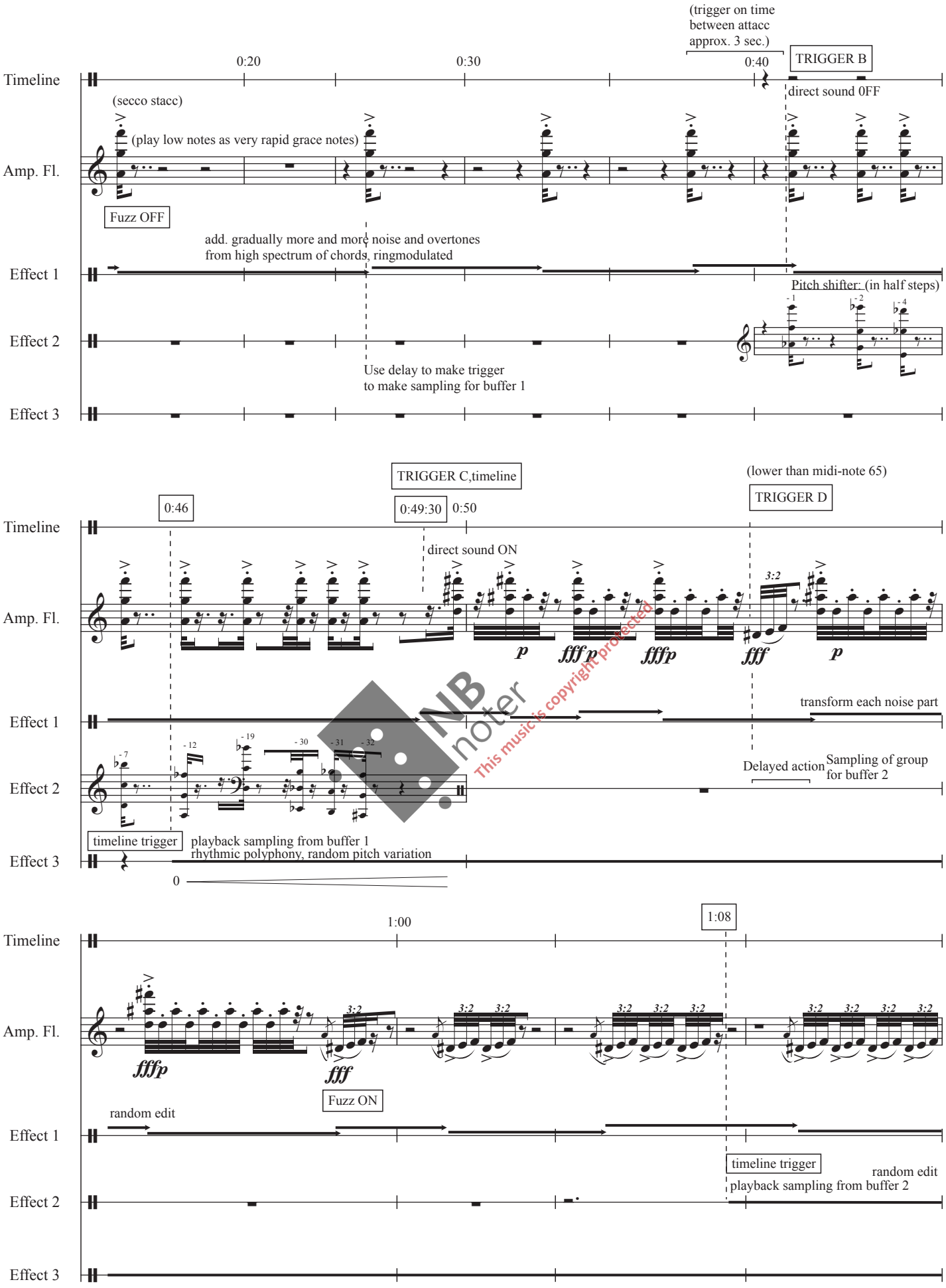

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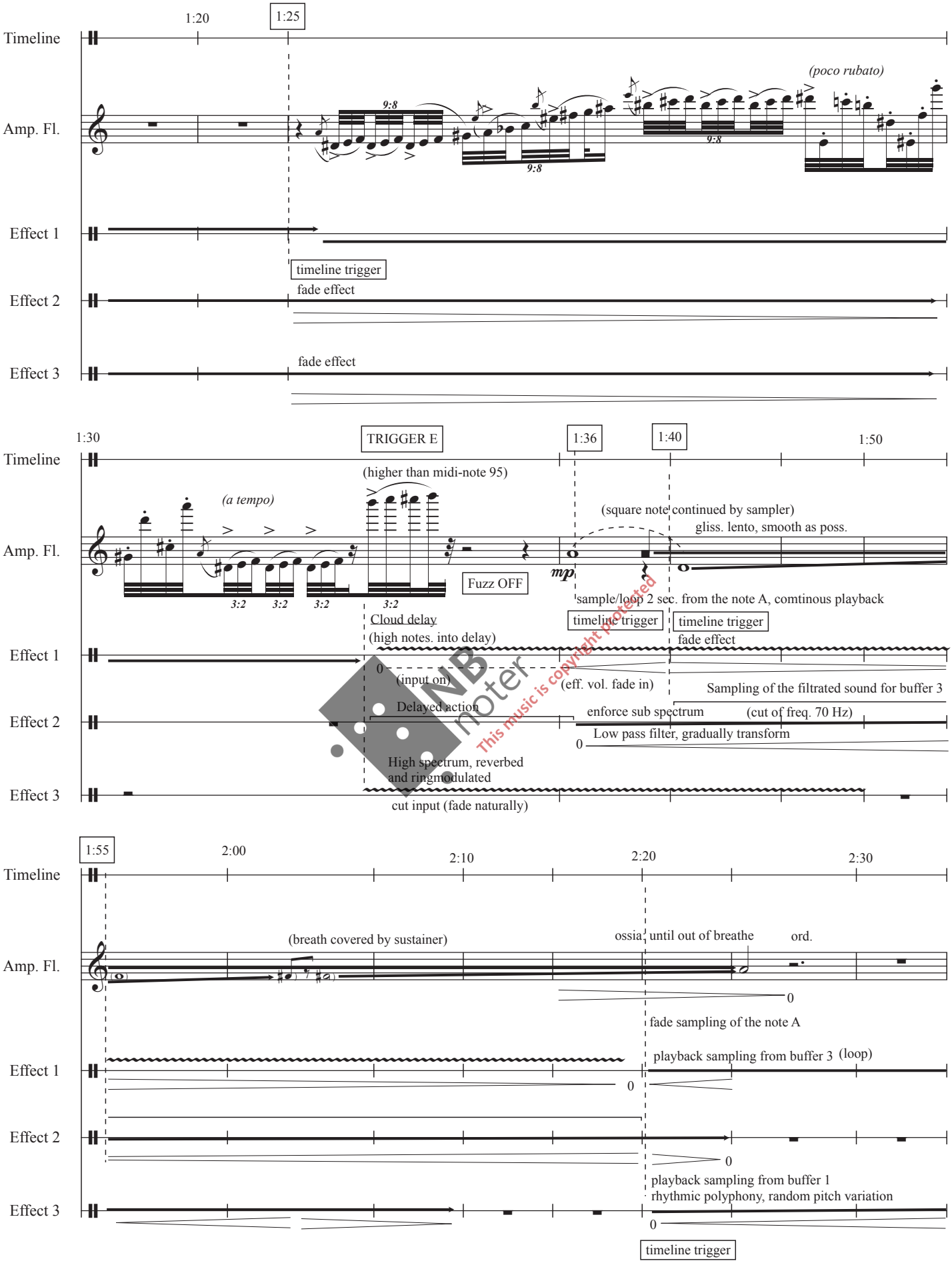

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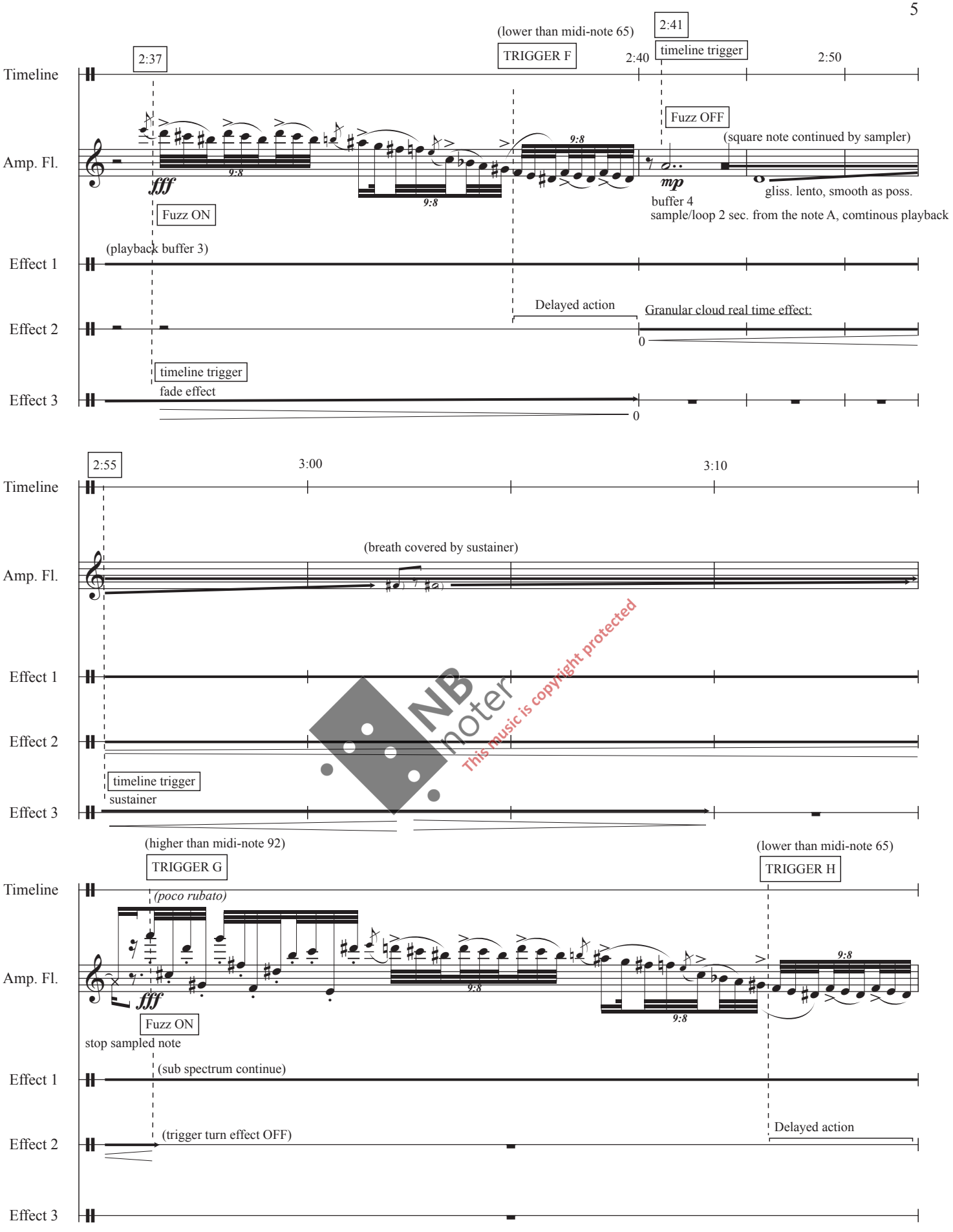

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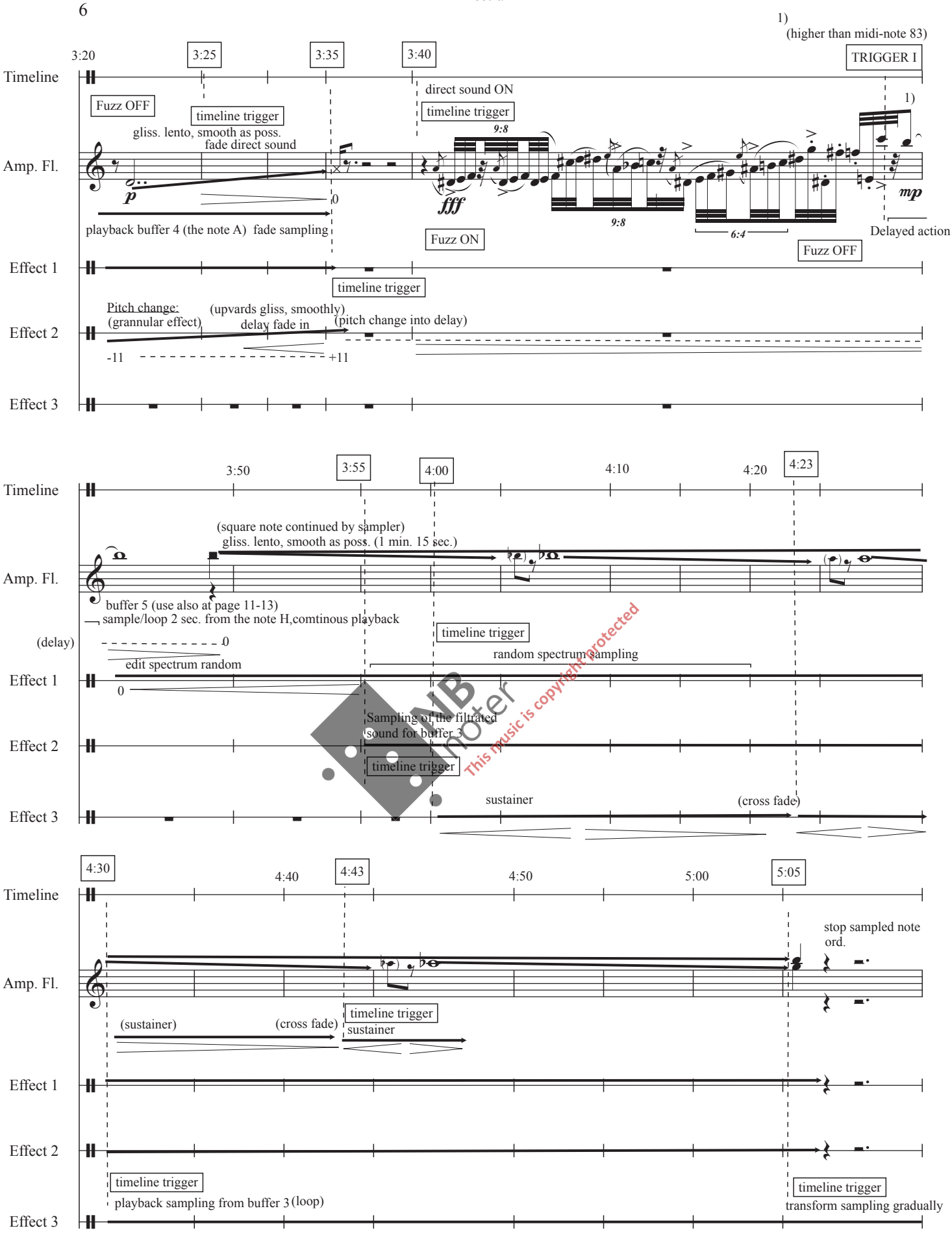

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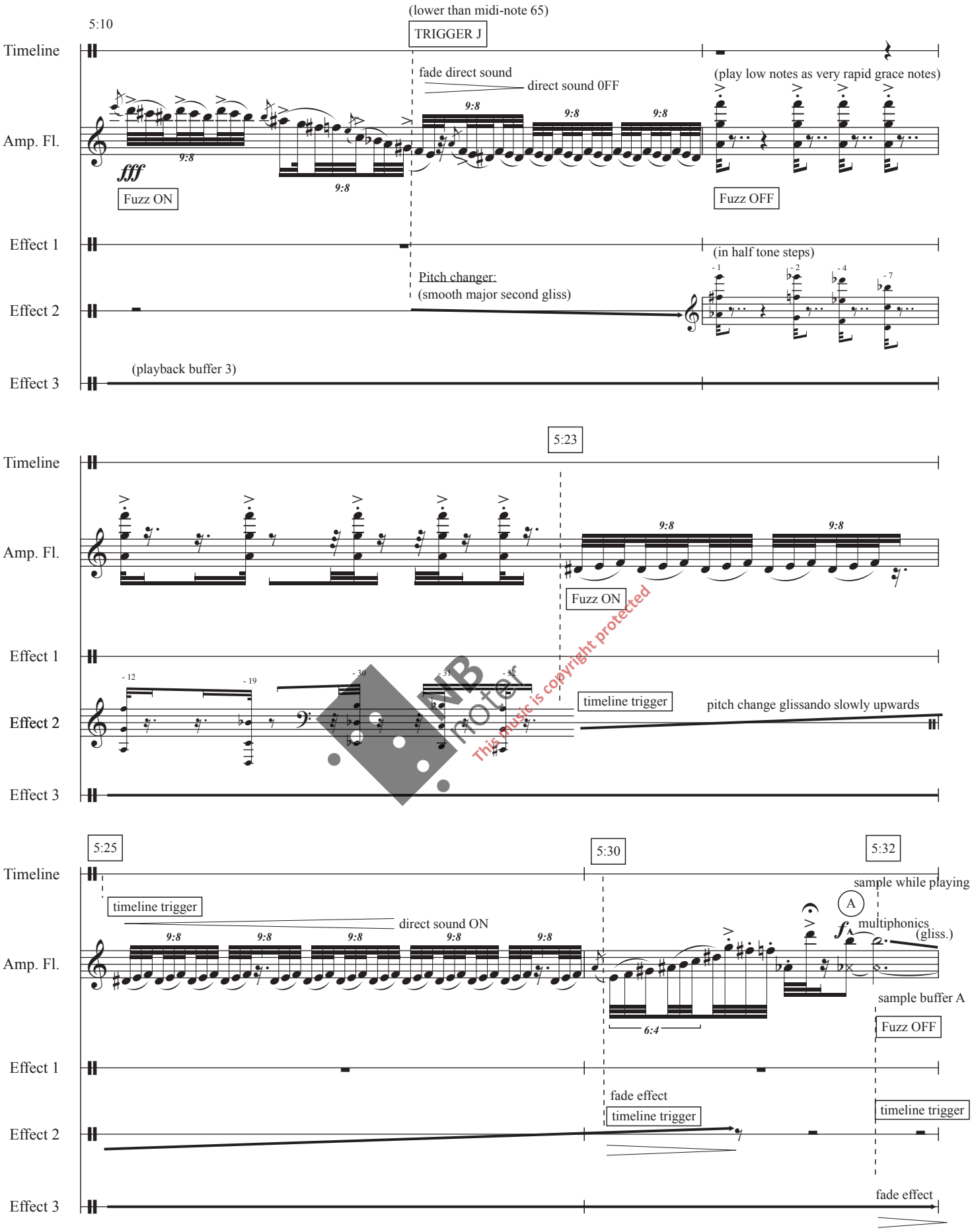

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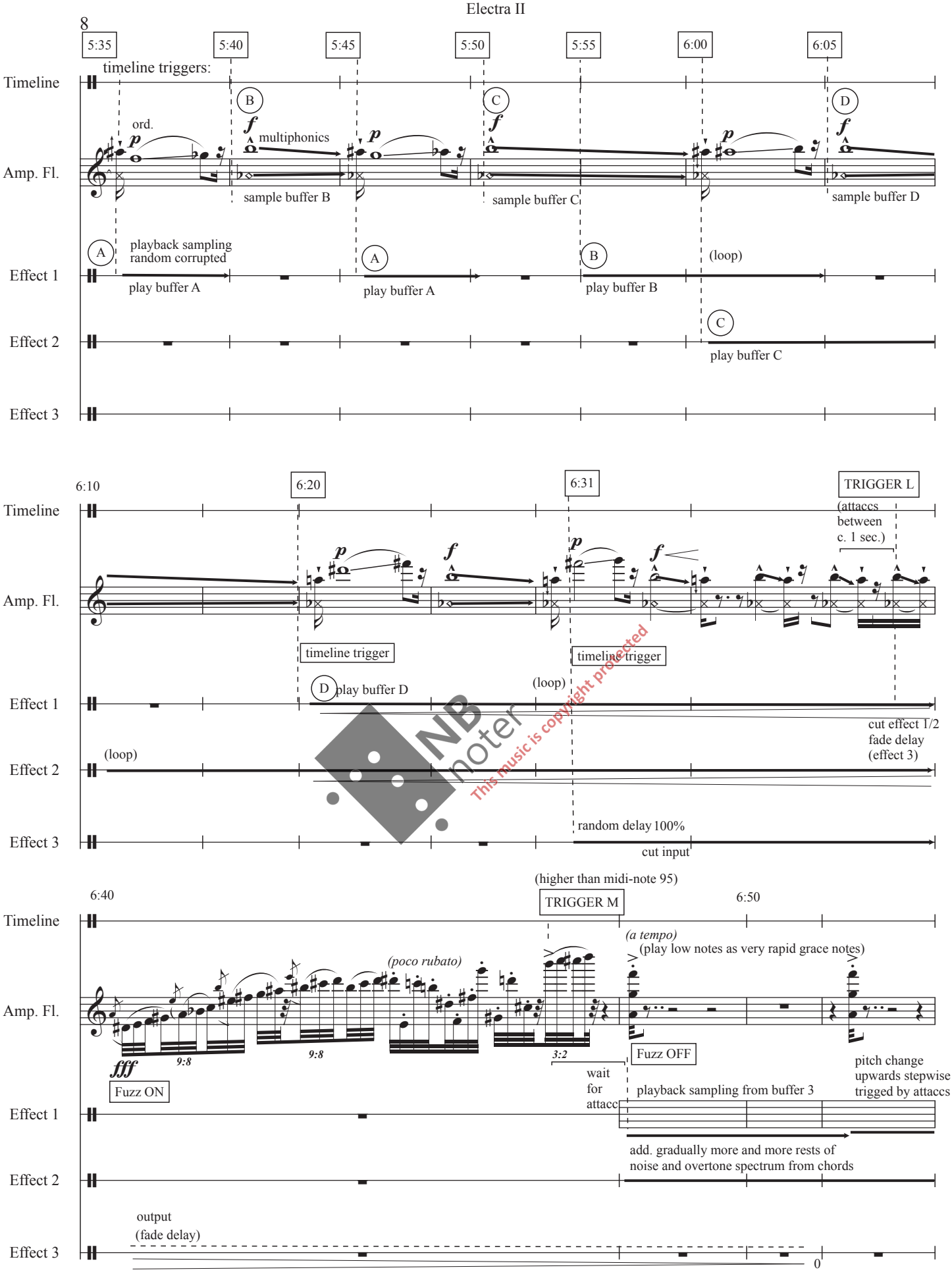

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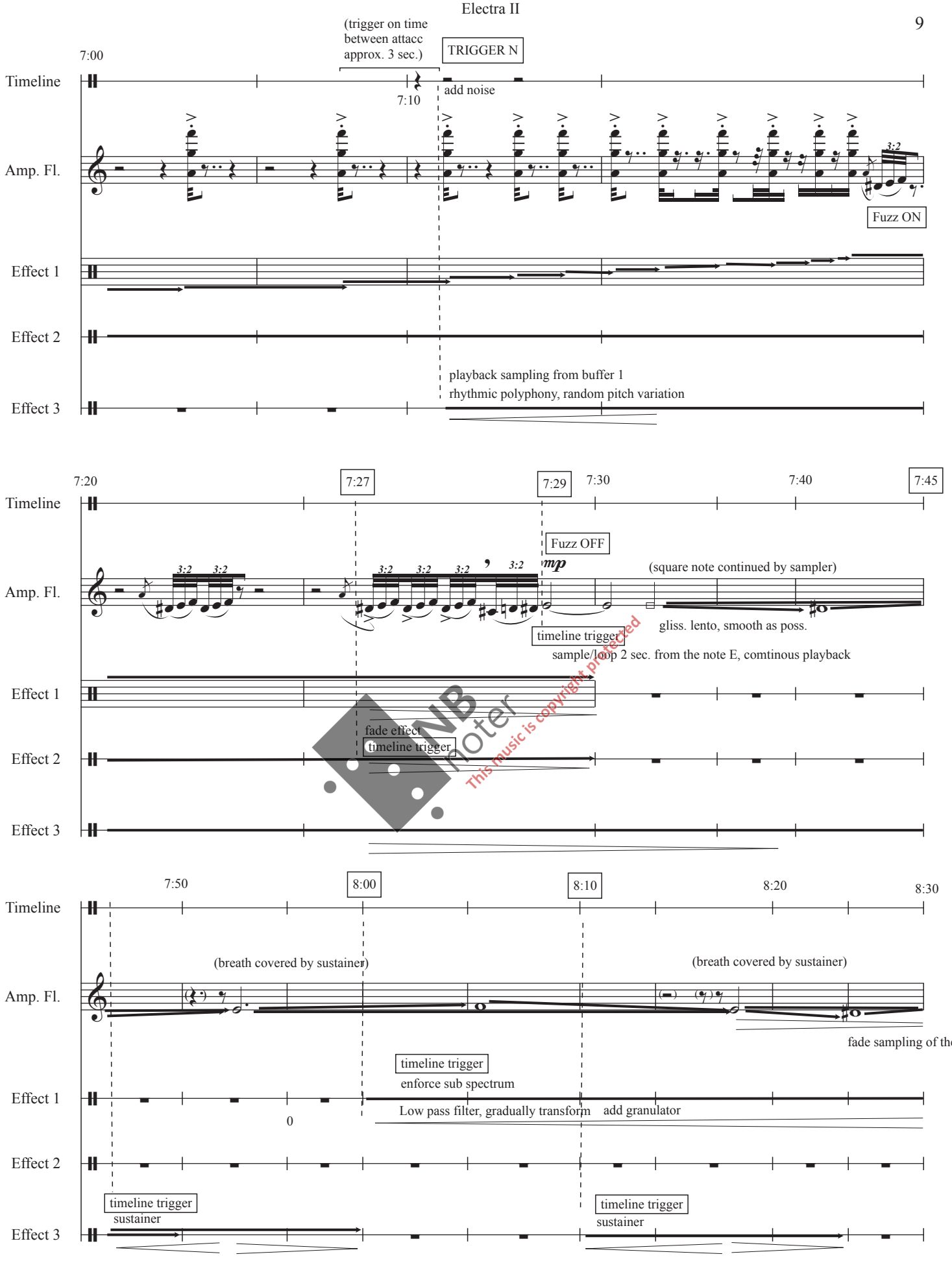

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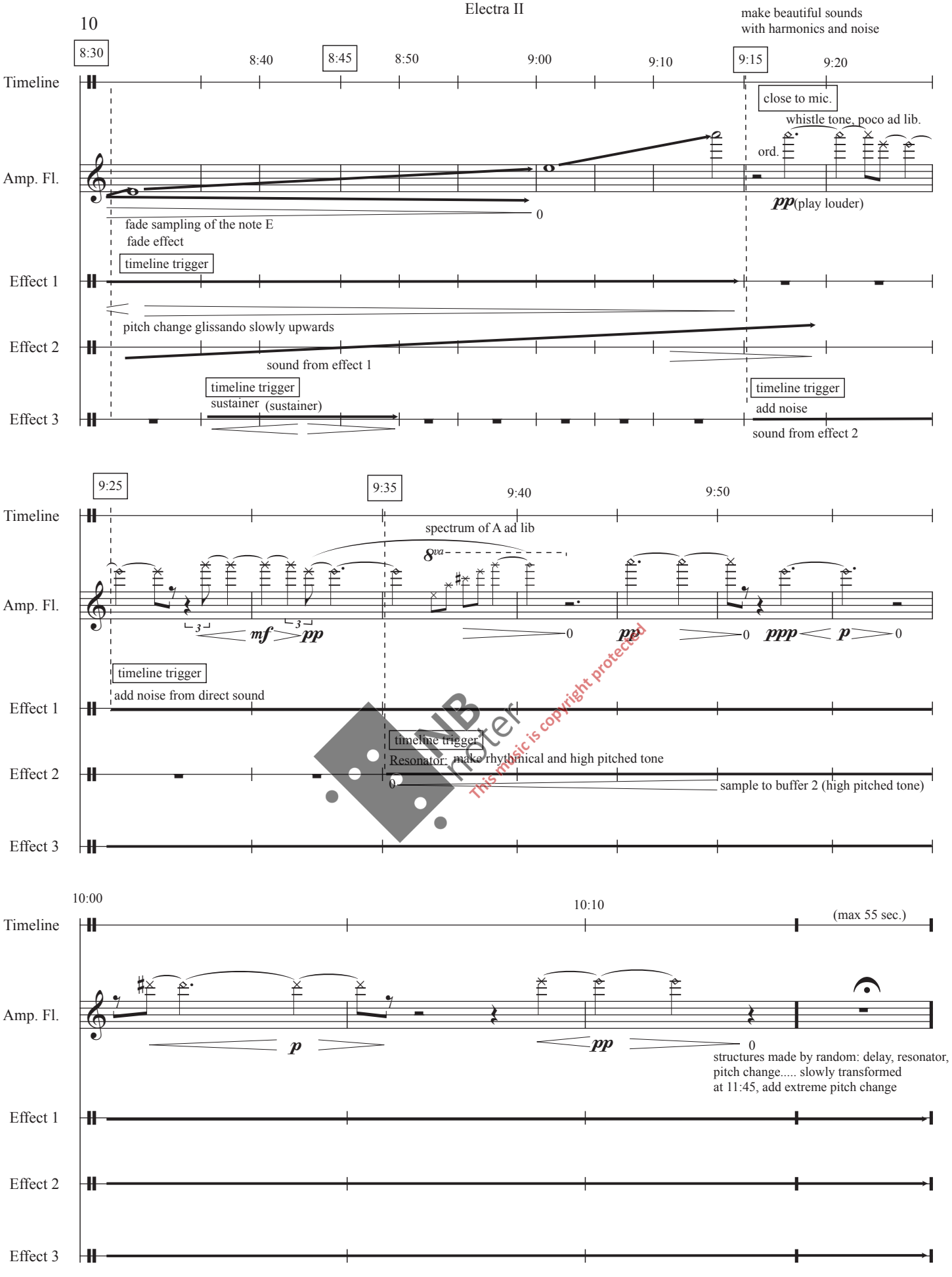

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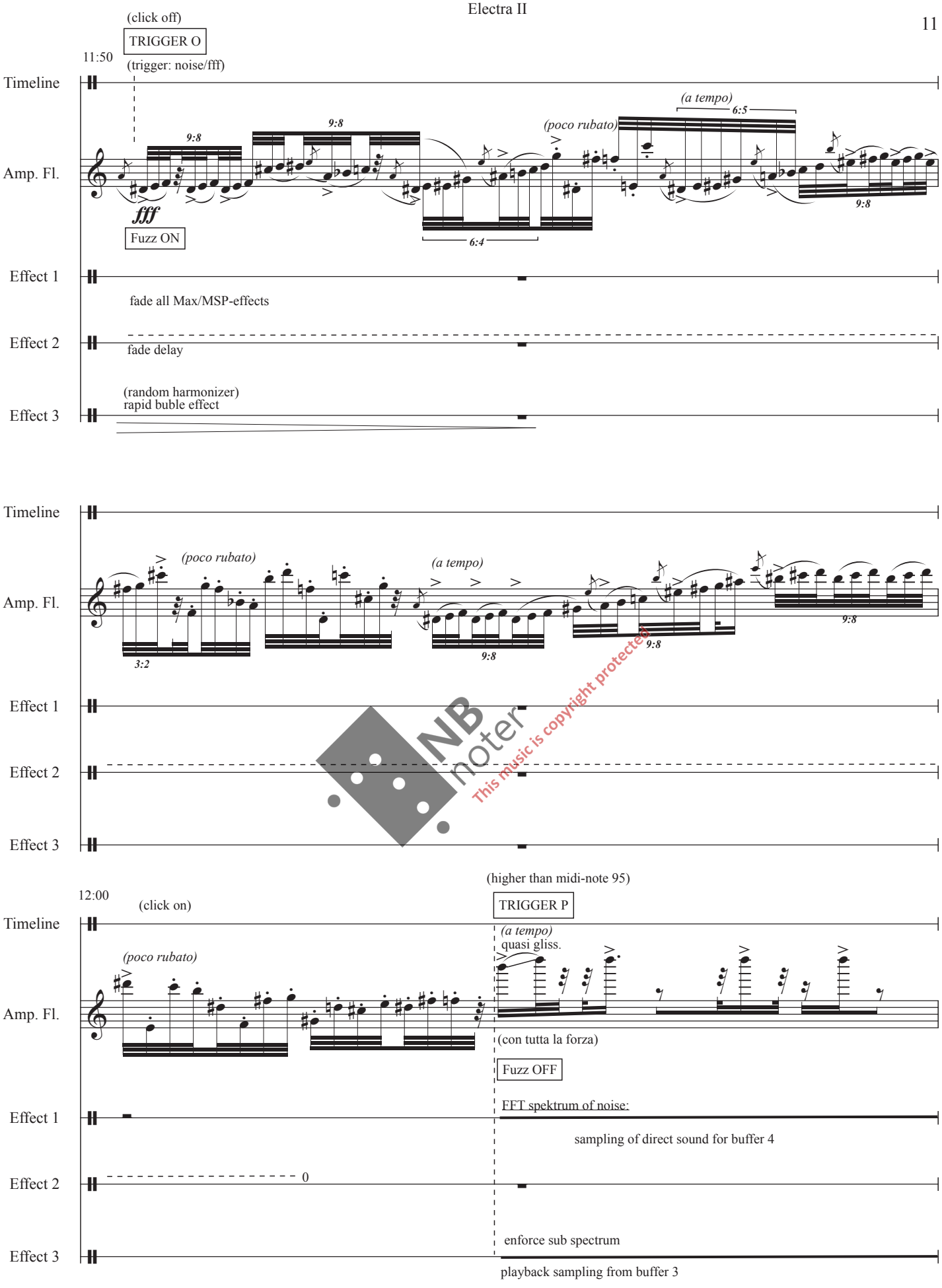

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12:10

Timeline

Amp. Fl.

add. gradually more and more noise and
overtone from high spectrum of the flute.

Effect 1

Effect 2

transform sampling gradually

Effect 3

(lower than midi-note 65)

TRIGGER Q

Timeline

Amp. Fl.

Fuzz ON

(transformed noise)

Effect 1

playback sampling from buffer 1

Effect 2

rhythmic polyphony, random pitch variation

(grad. transformed buffer 3)

Effect 3

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(higher than midi-note 83)

TRIGGER T

12:20

Timeline

Fuzz OFF

Amp. Fl.

mp

playback 2 sec.
buffer 5

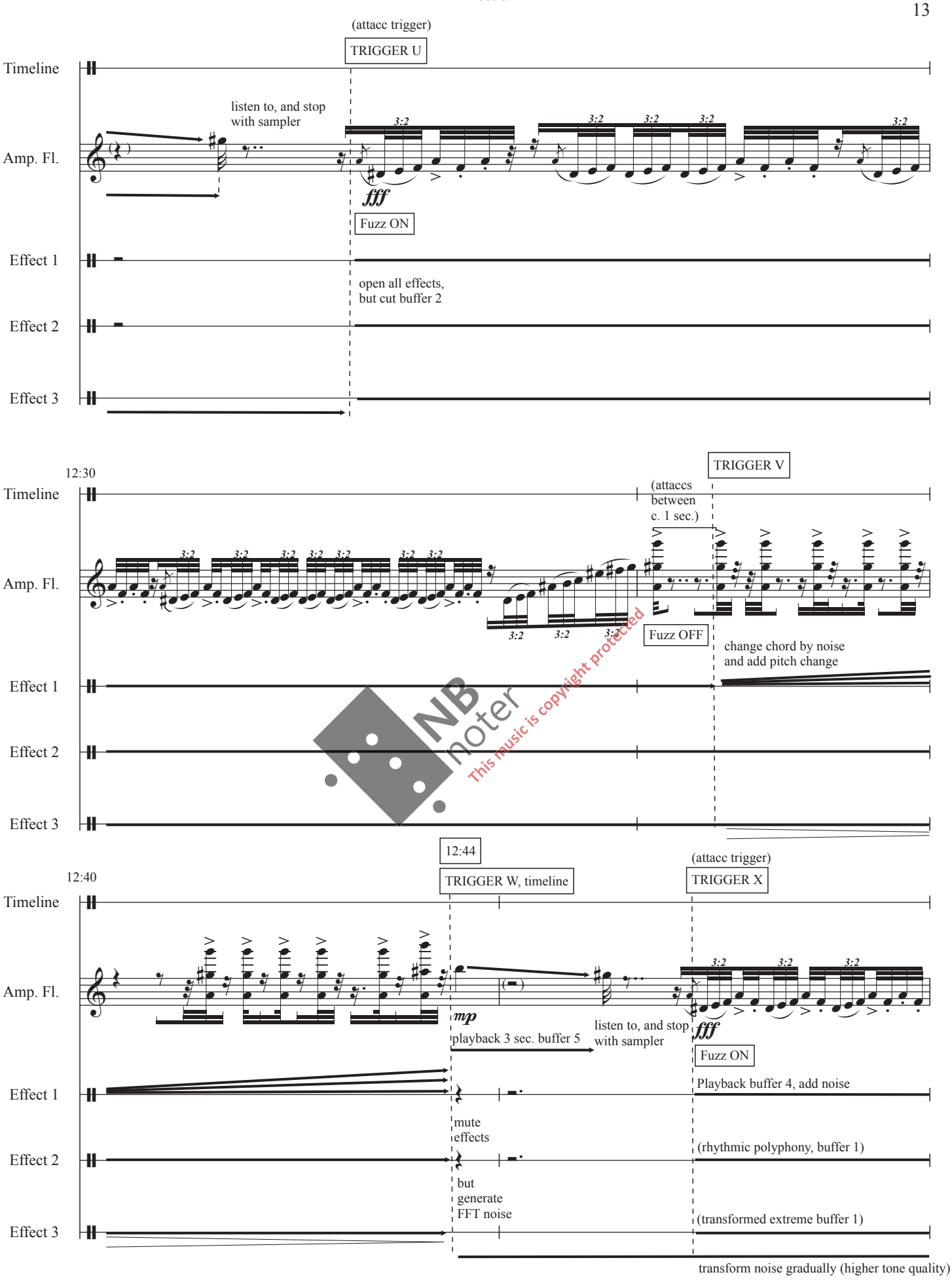
Effect 1

mute
effects

Effect 2

playback
sampling buffer 2

Effect 3



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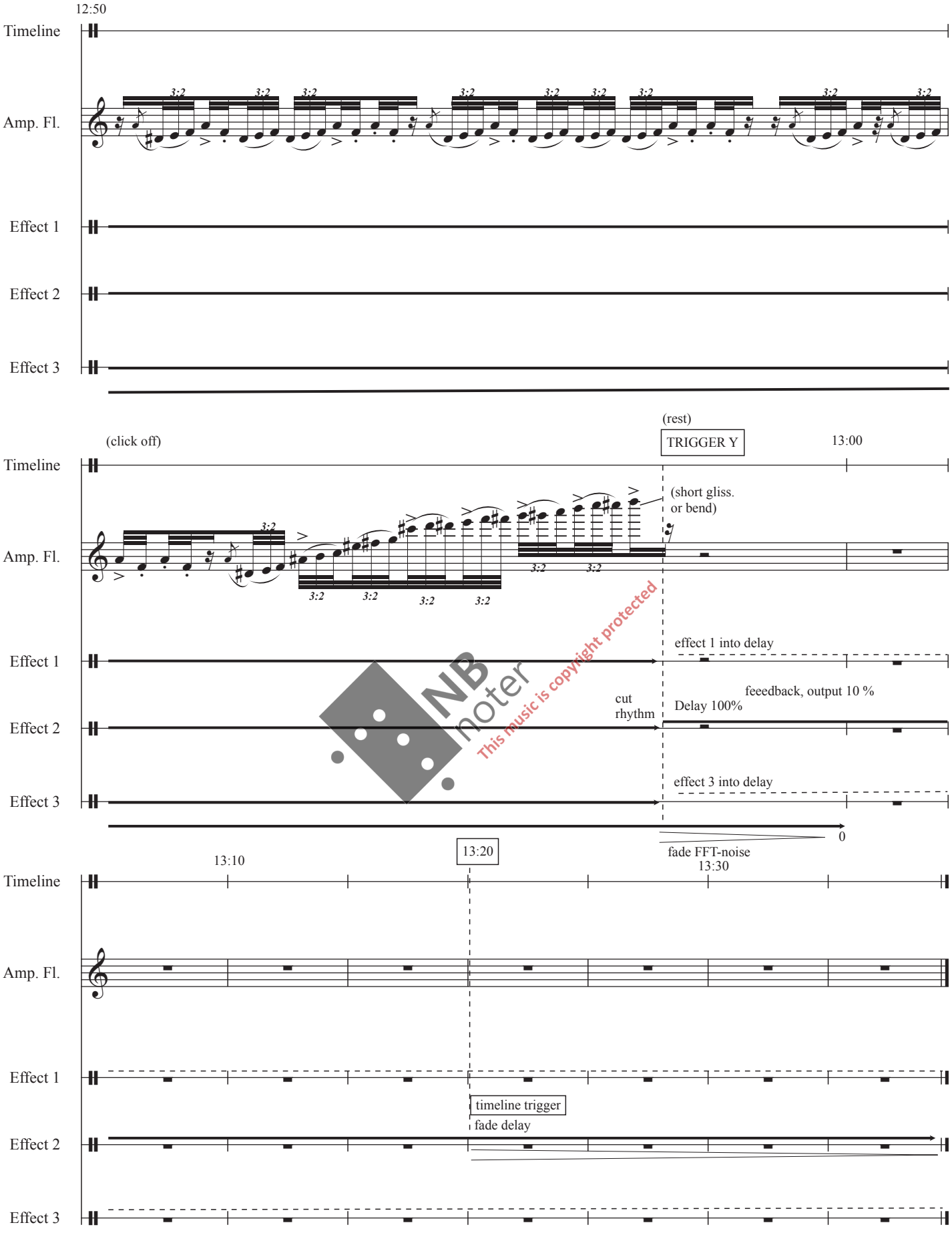

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