S.T.E.A.M.

CELEBRATING THE CREATIVE PROCESS

Paul A. Jacobson

in six contiguous or seaprate movements

I. CURIOSITY AND WONDER

II. INQUIRY

III. INDUSTRY

IV. DISCOVERY

V. SYNERGY

VI. PHILANTHROPY

INSTRUMENTATION:

FLUTE 1 / PICCOLO
FLUTE 2
OBOE 1
OBOE 2 / ENGLISH HORN
Bb CLARINET 1-2
BASSOON 1-2

(OPTIONAL SAXOPHONES WHICH DOUBLE THE F HORN PARTS A1 - A2 - T1 - T2)
F HORN 1-2-3-4
Bb TRUMPET 1-2-3
TROMBONE 1-2
TUBA

PERCUSSION:
- LARGE GONG
- SUSPENDED CYMBAL
- CRASH CUMBALS
- PICCOLO SNARE DRUM
- SNARE DRUM
- BASS DRUM
- LARGE CONCERT TOMS (3 PITCHES))
- MARK TREE
- TRIANGLE

TIMPANI

MALLET PERCUSSION:
- GLOCKENSPIEL
- CHIMES
- XYLOPHONE

HARP *(may be played on an electronic keyboard with a harp sound)*
CELESTE *(may be played on an electronic keyboard with a celeste sound)*

VIOLINS 1
VIOLINS 2
VIOLAS
VIOLONCELLI
CONTRABASSI

PERFORMANCE NOTES:

This piece is designed to be played either as one piece with six contiguous movements, or as one piece with six separate movements. To play through the piece without stoping, use the "Segue Endings" as indicated. To stop after any of the movements, use the "Fine Ending" for that movement. Beginning measures for each movement are marked in the score.

Flugte one doubles on Piccolo and Oboe 2 doubles on English Horn.

Four saxophone parts have been included doubling the F Horn parts for orchestras which do not have a full (or strong) F Horn section. (Eb Alto Sax. 1 & 2, Bb Tenor Sax 1 & 2)

The harp may be doubled as needed. Both the harp and celeste parts may be played on electronic keyboards using harp and celeste sounds if the actual instruments are not available.

PROGRAM NOTES:

In contemporary educational parlance, the importance of Science, Technology, Engineering and Math curricula are emphasized and widely termed, S.T.E.M education. Recently, the integrative importance of the creative arts has been conceded and included, transforming this educational acronym in to S.T.E.A.M. education (Science, Technology, Engineering, Arts, and Math). Whatever the acronym, success in these areas of study involve skillful navigation of the creative and collaborative process. Each movement of this piece portrays one of the many aspects of this scintillating journey.

I. CURIOSITY AND WONDER

"*Do not grow old, no matter how long you live. Never cease to stand like curious children before the Great Mystery into which we were born*" **-Albert Einstein**

II. INQUIRY

"*You have brains in your head, you have feet in your shoes;*
You can steer yourself in any direction you choose.
You're on your own and you know what you know.
You are the guy who'll decide where to go." **-Dr. Seuss**

III. INDUSTRY

"*Opportunity is missed by most people because it is dressed in overalls and looks like work.*" **-Thomas Alva Edison**

IV. DISCOVERY

"*The most exciting phrase to hear in science, the one that heralds new discoveries, is not 'Eureka!' but 'That's funny...'*"
-Isaac Asimov

V. SYNERGY

"*Synergy is what happens when one plus one equals ten or a hundred or even a thousand! It's the profound result when two or more respectful human beings determine to go beyond their preconceived ideas to meet a great challenge.*" **-Stephen Covey**

VI. PHILANTHROPY

"*I'm interested in things that change the world or that affect the future and wondrous, new technology where you see it, and you're like, 'Wow, how did that even happen? How is that possible?'*" **-Elon Musk**

Score

S.T.E.A.M.

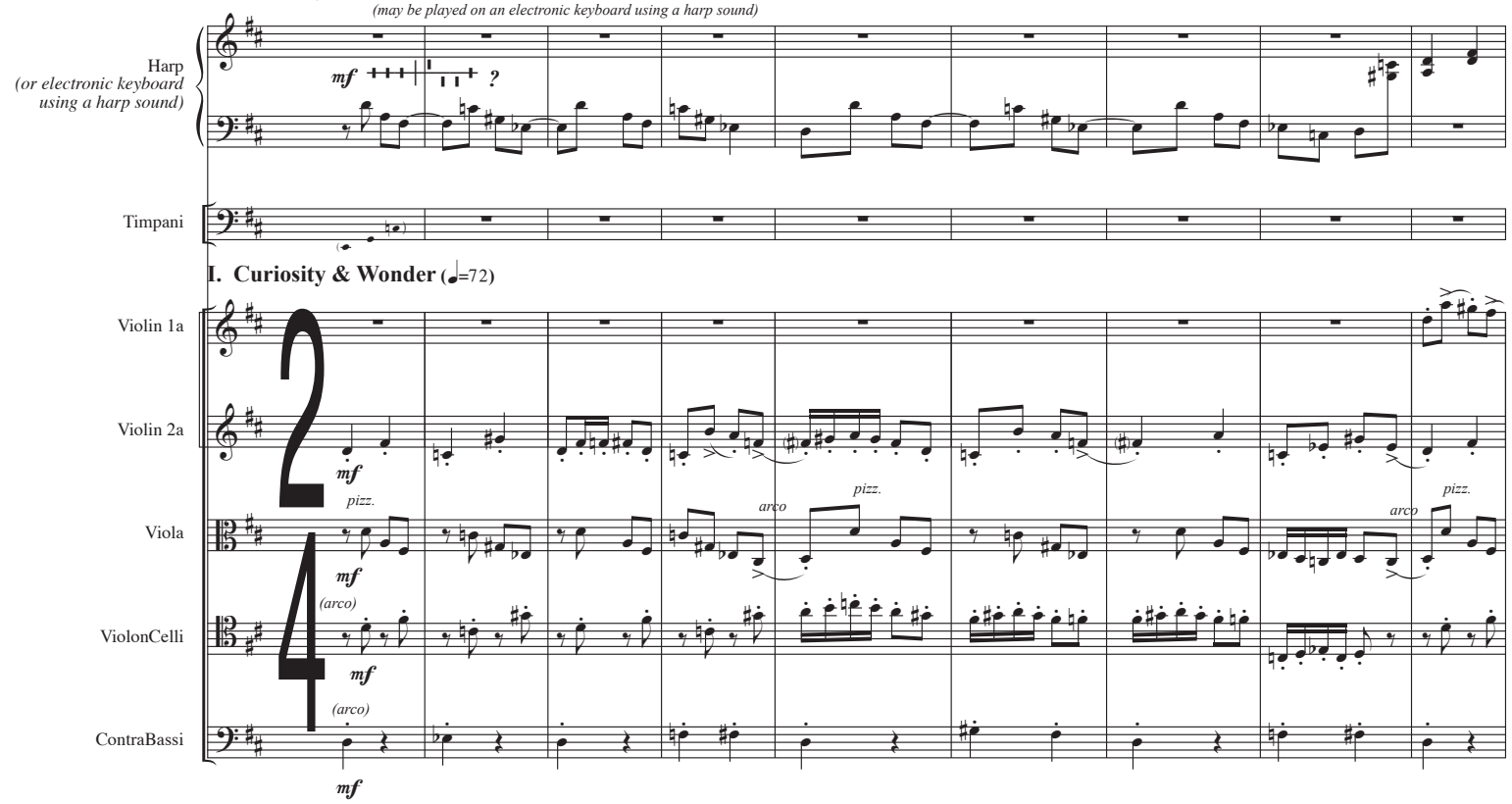
CELEBRATING THE CREATIVE PROCESS

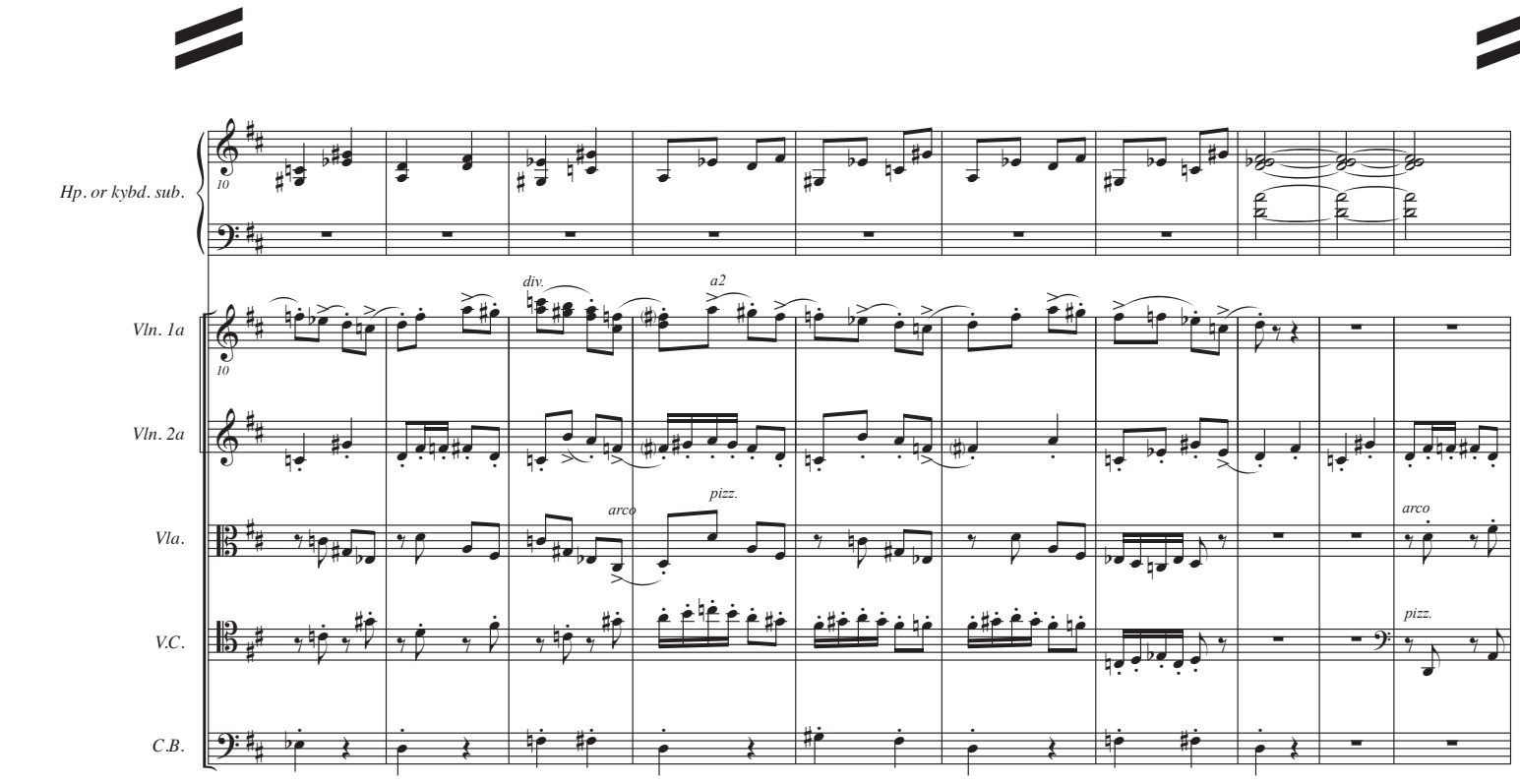
PAUL A. JACOBSON

(pedal diagrams are offered only as suggestions and are not comprehensive)

I. Curiosity & Wonder (♩=72)

(may be played on an electronic keyboard using a harp sound)





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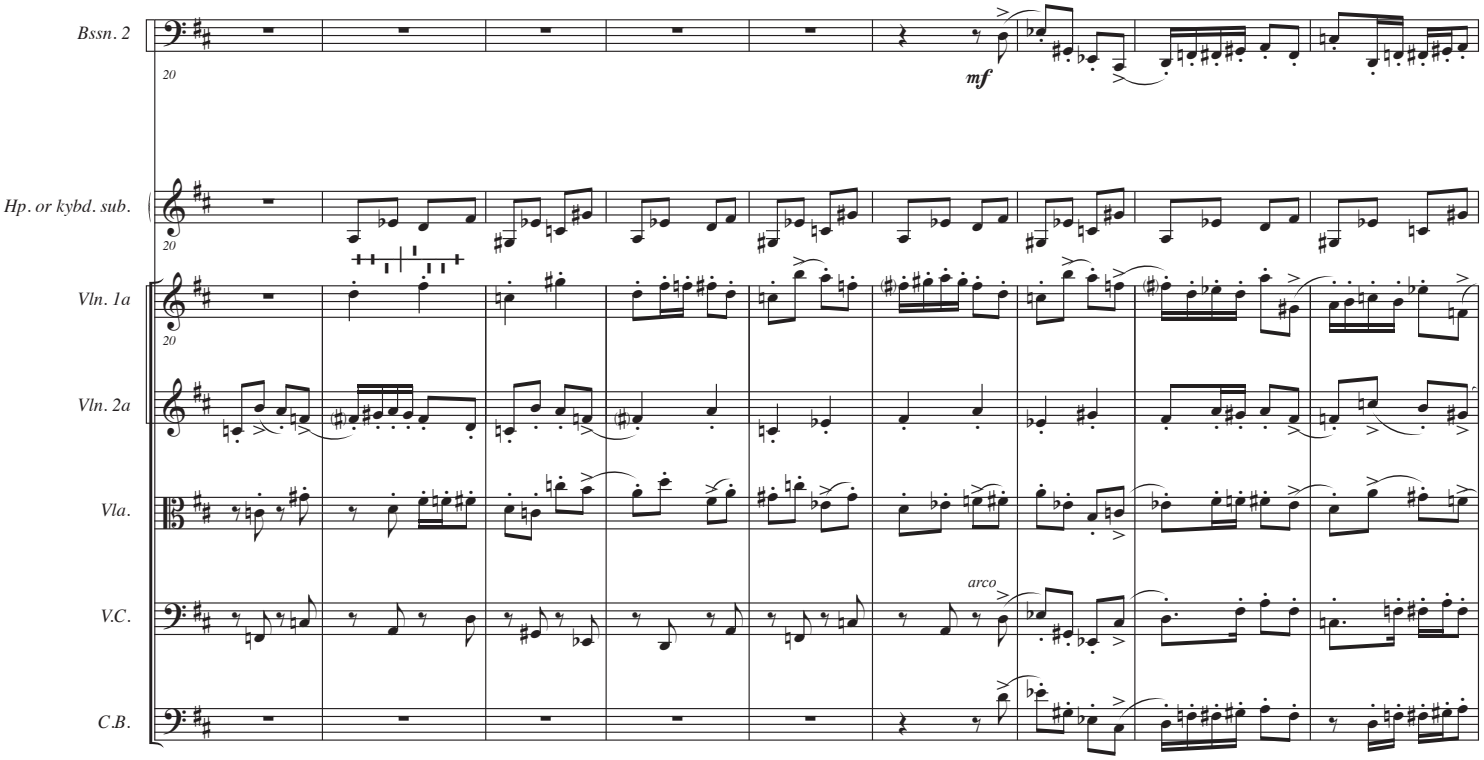

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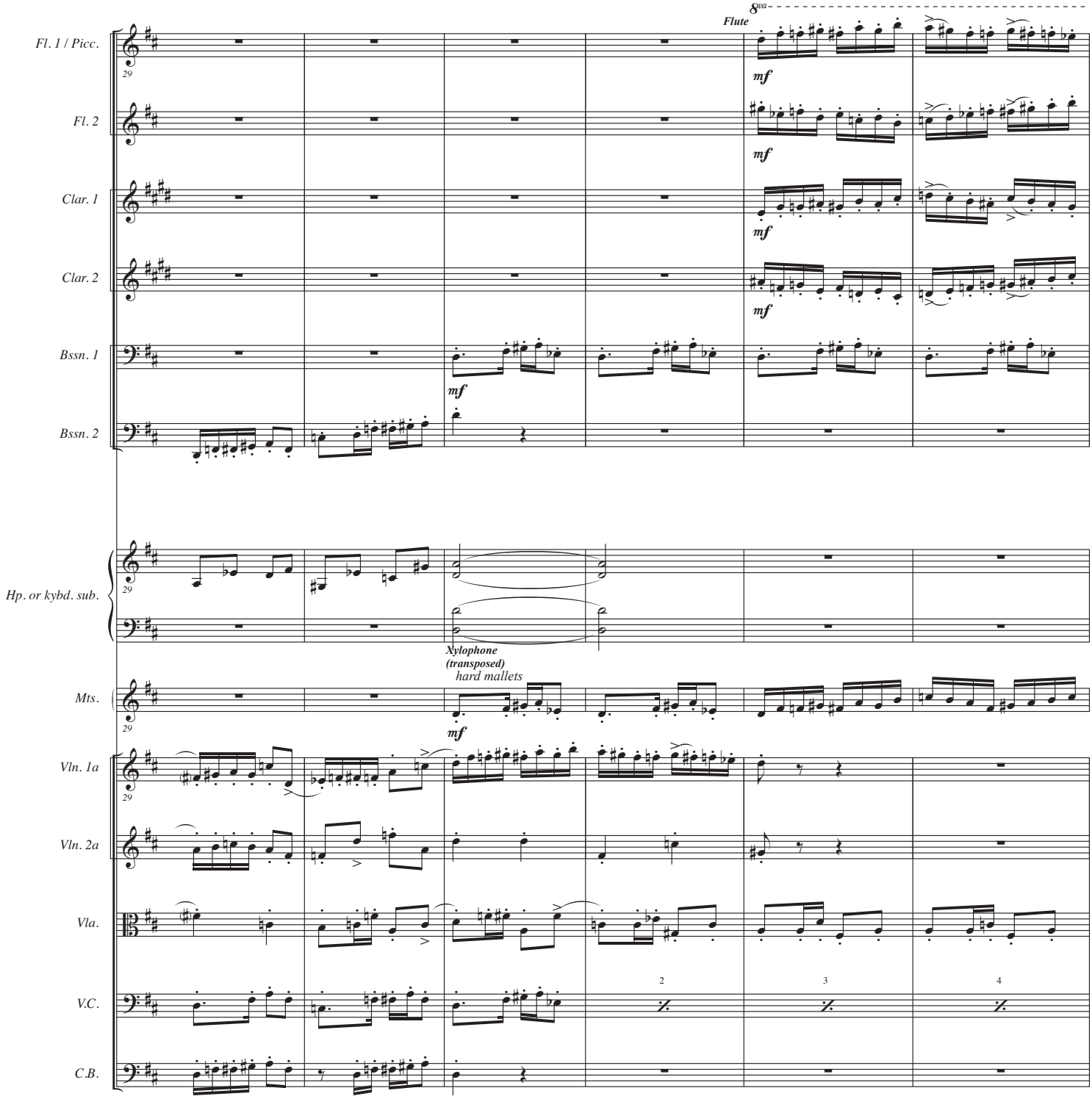

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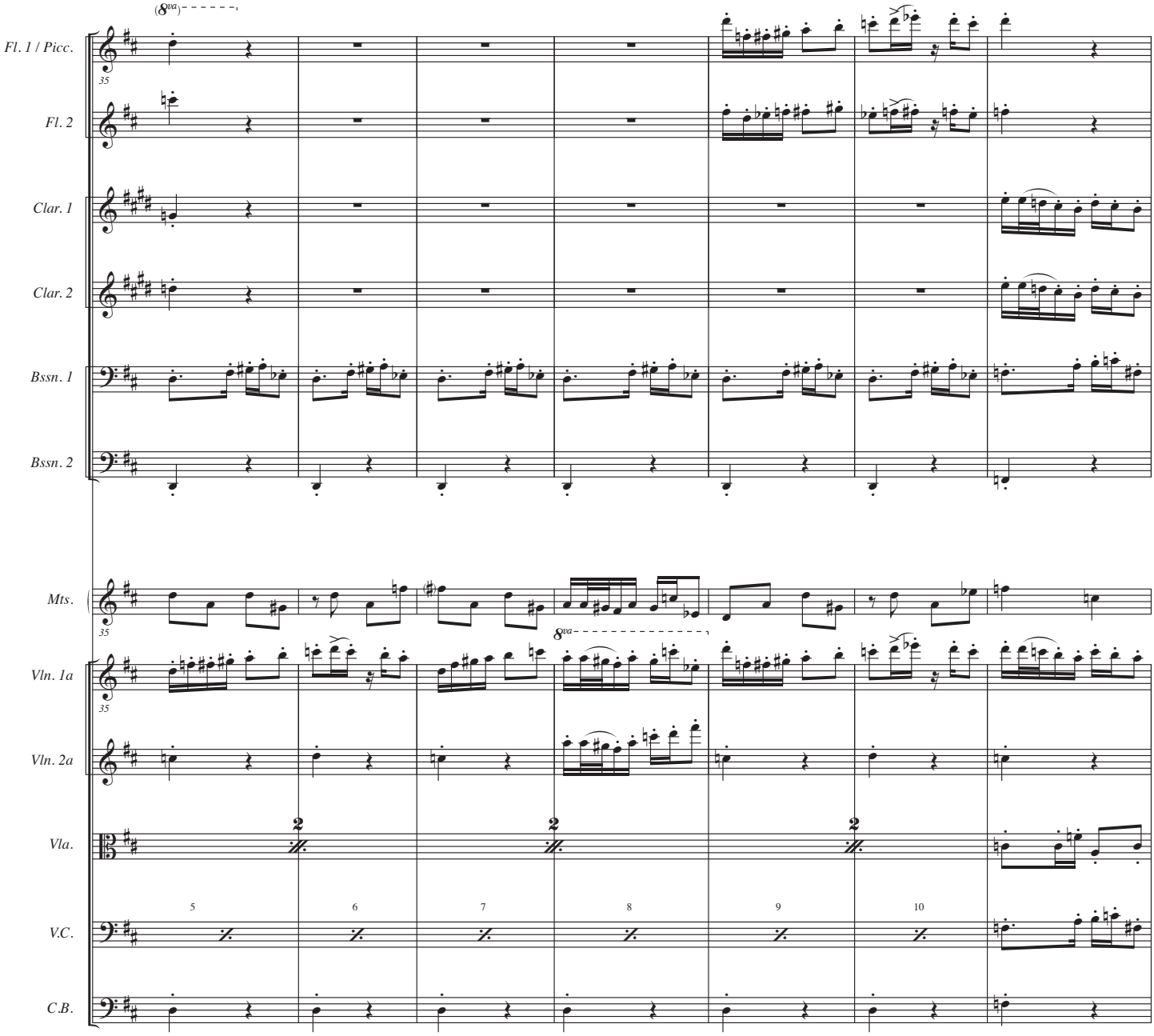

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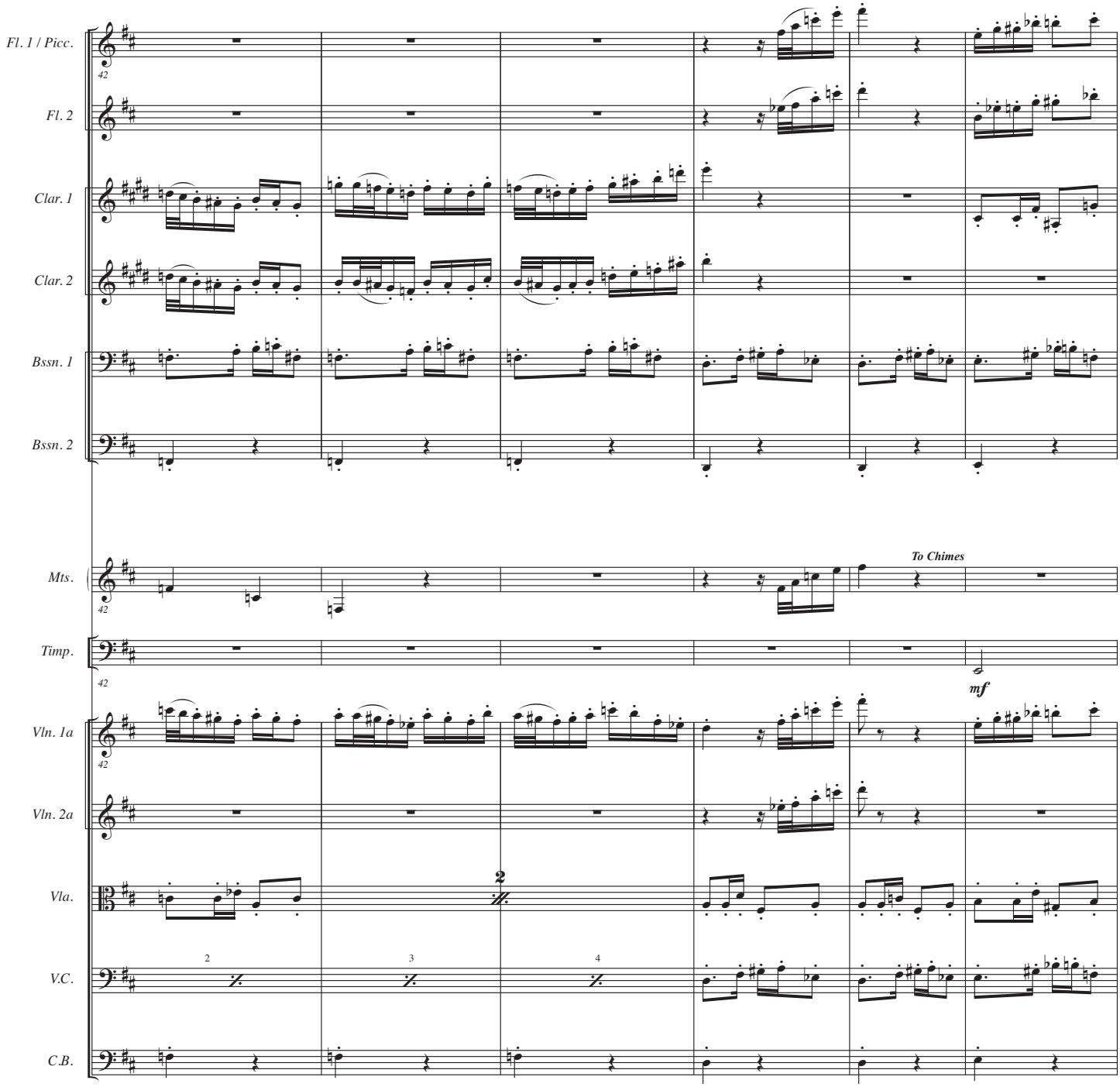

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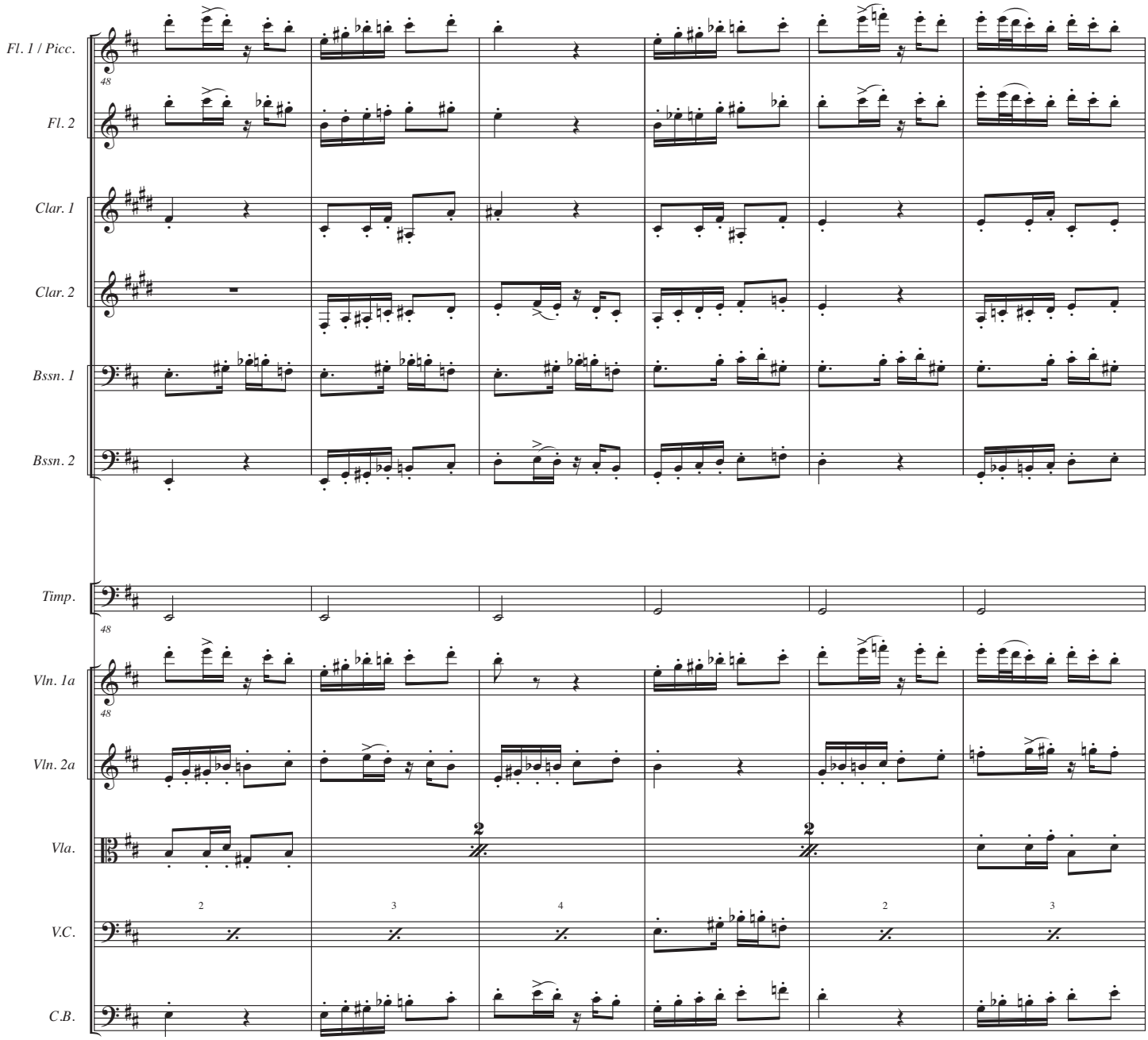

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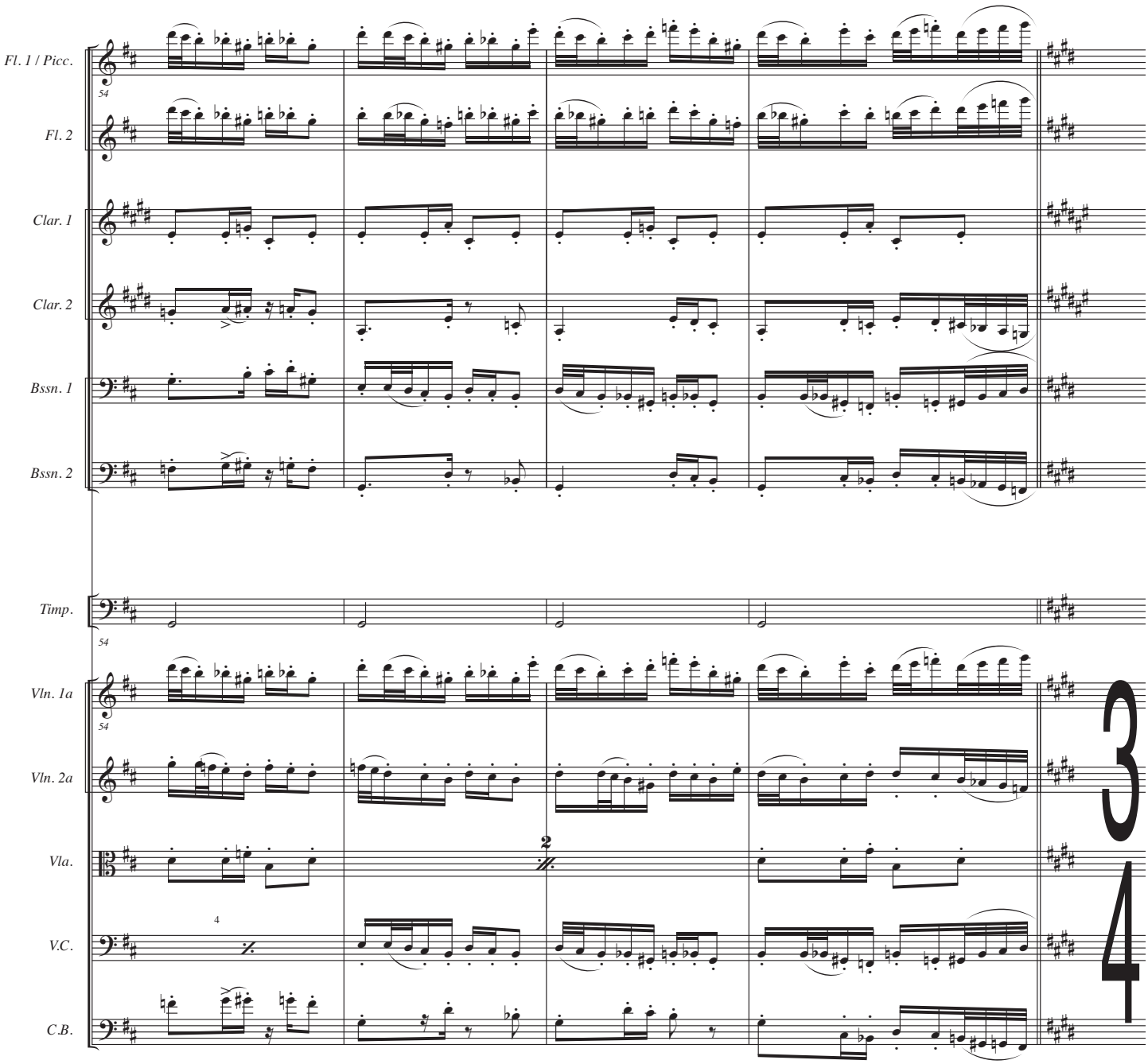

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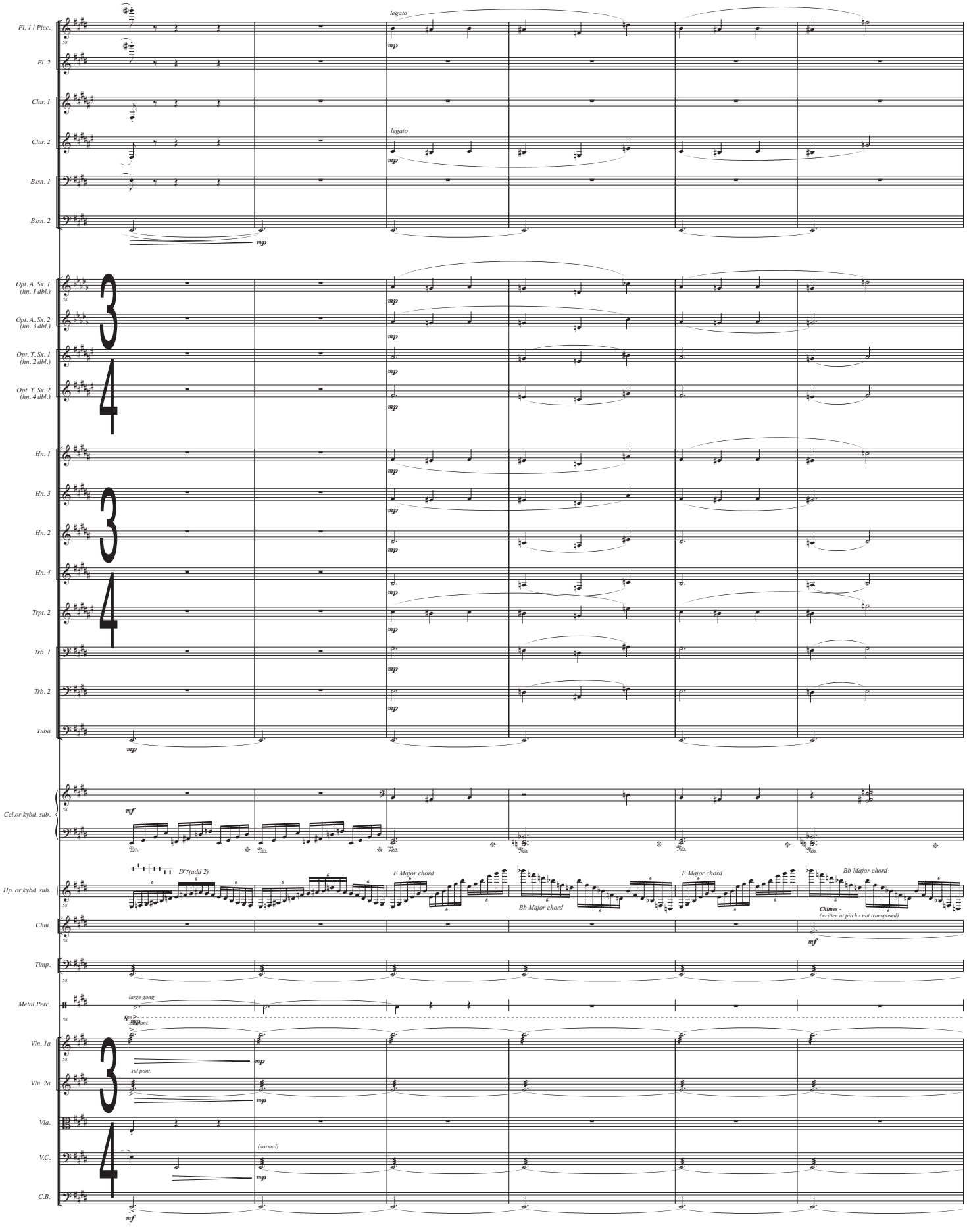

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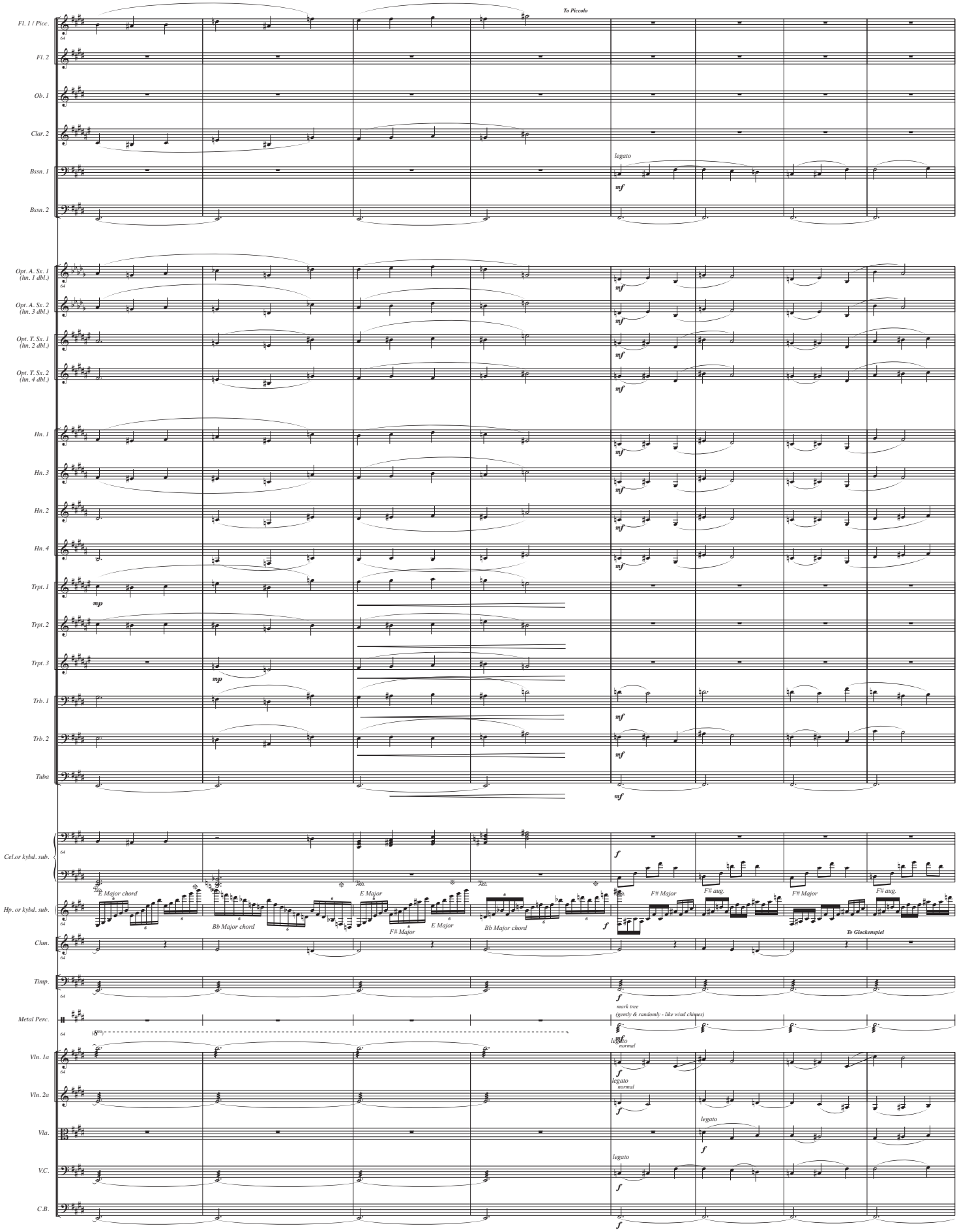

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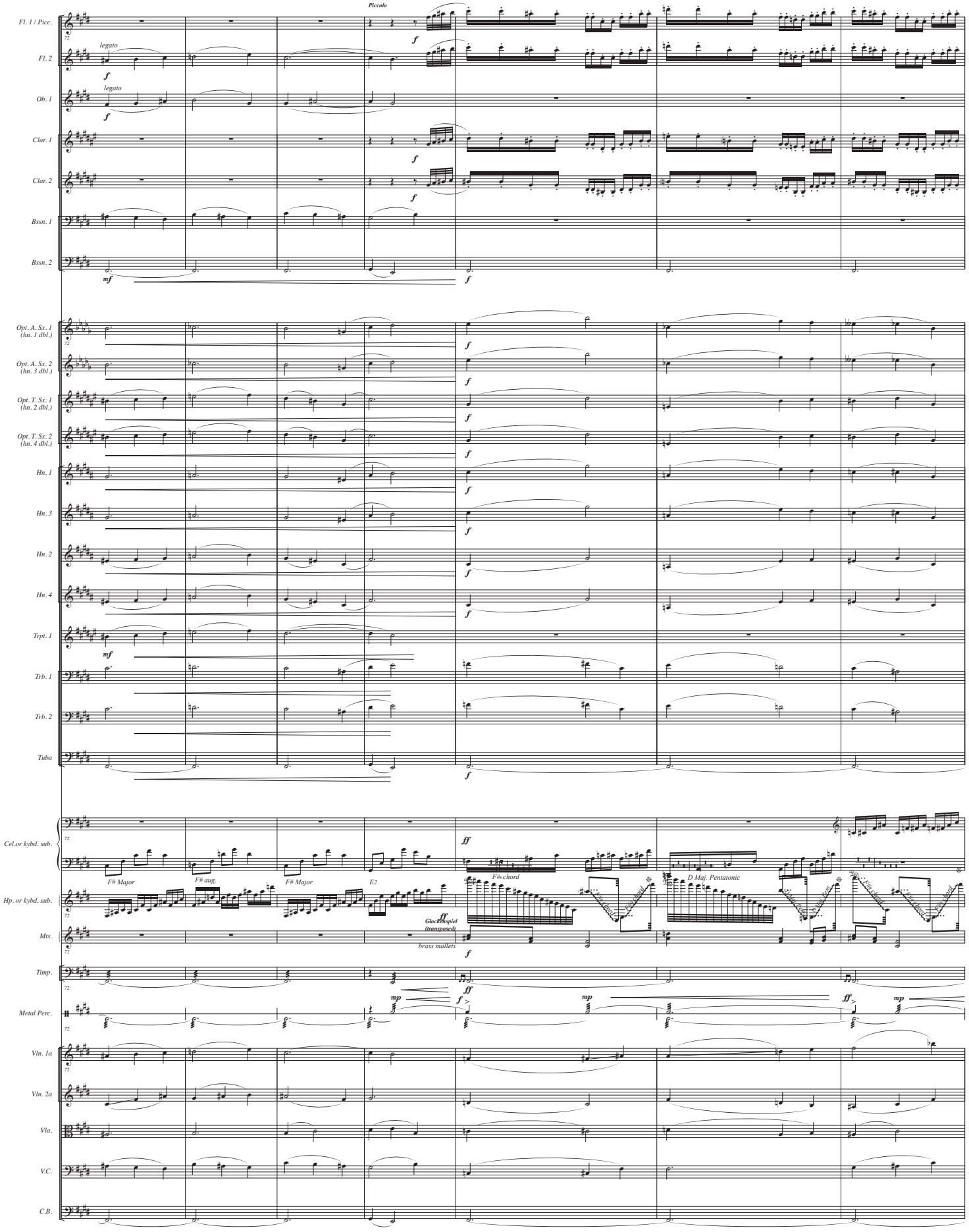

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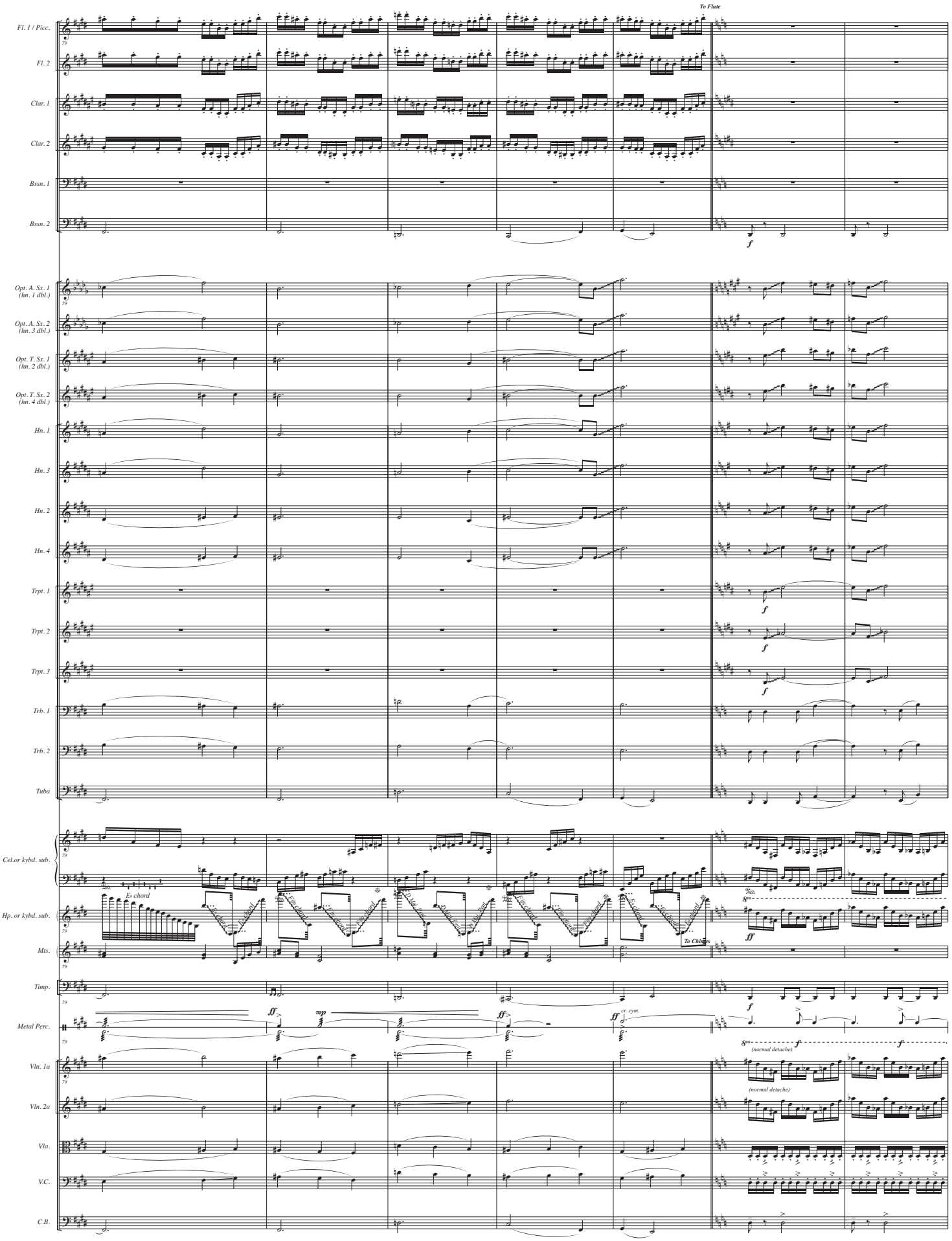

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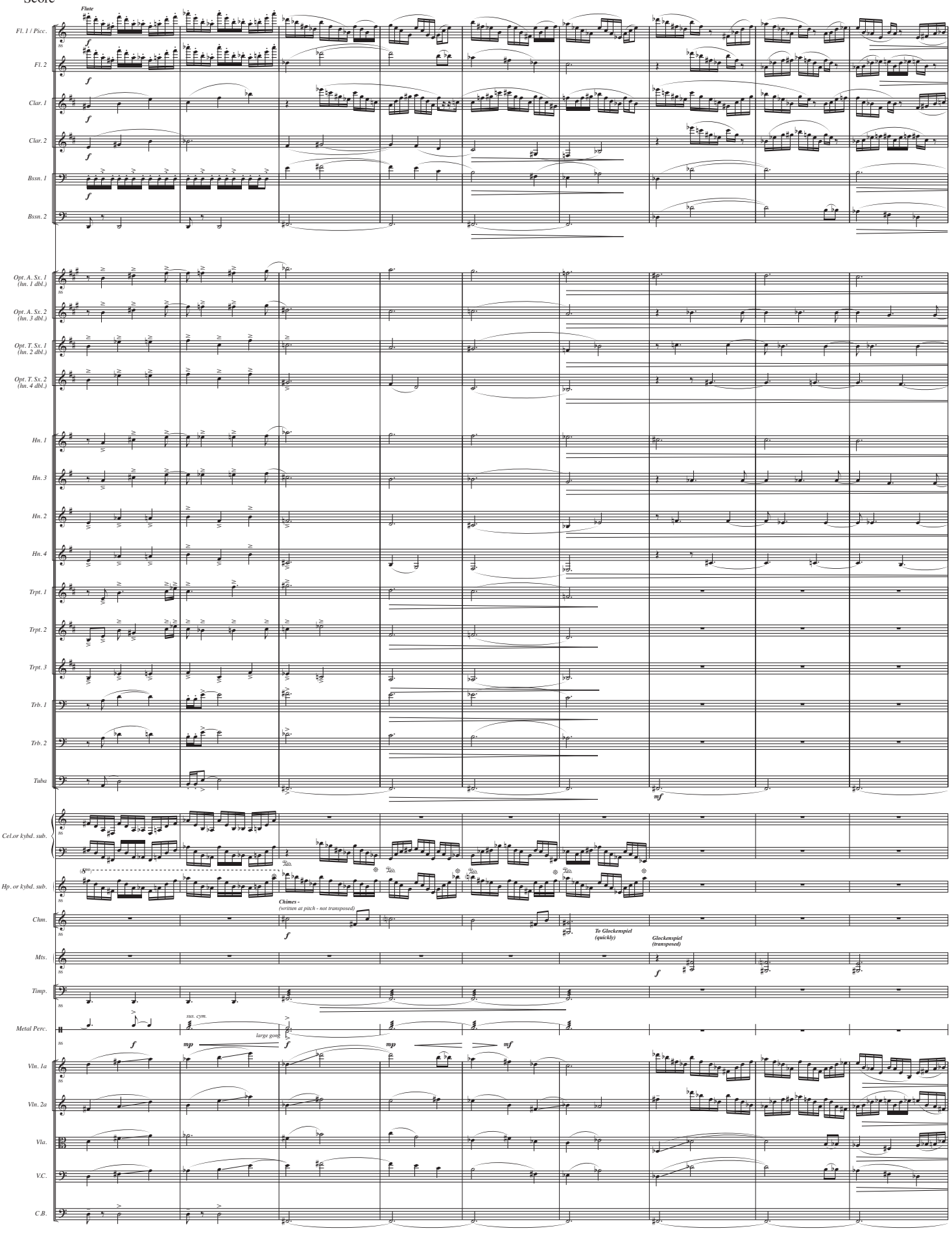

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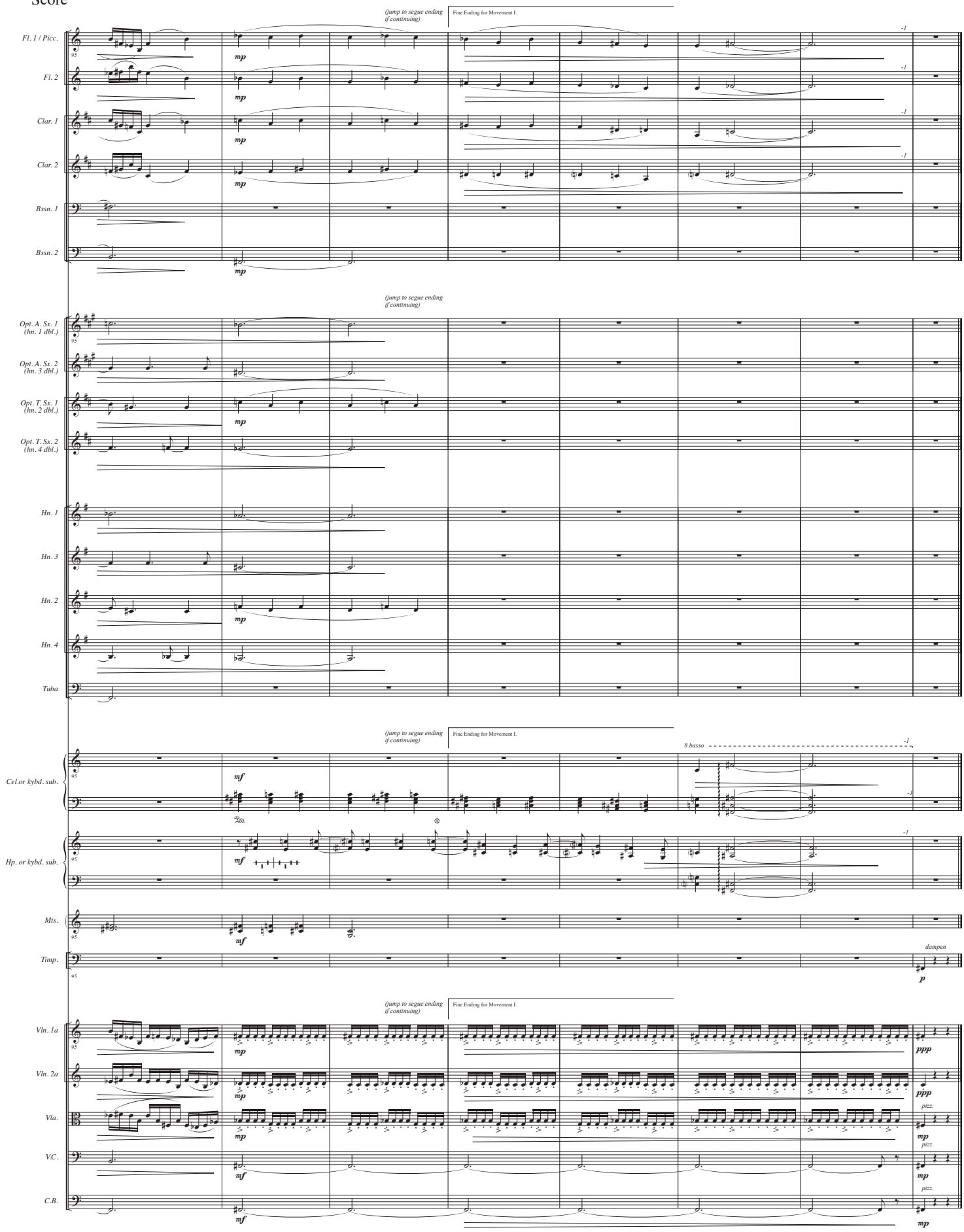

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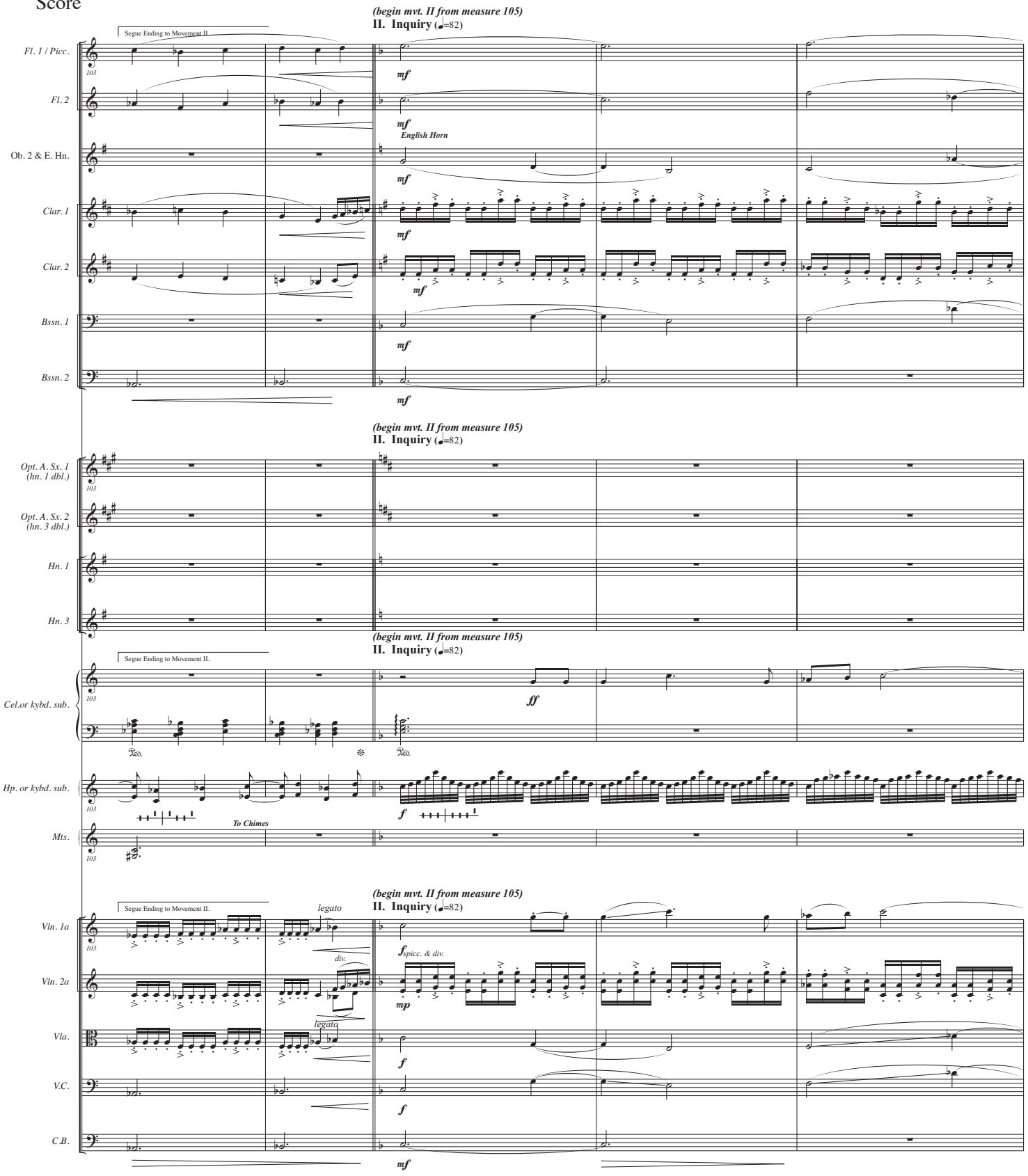

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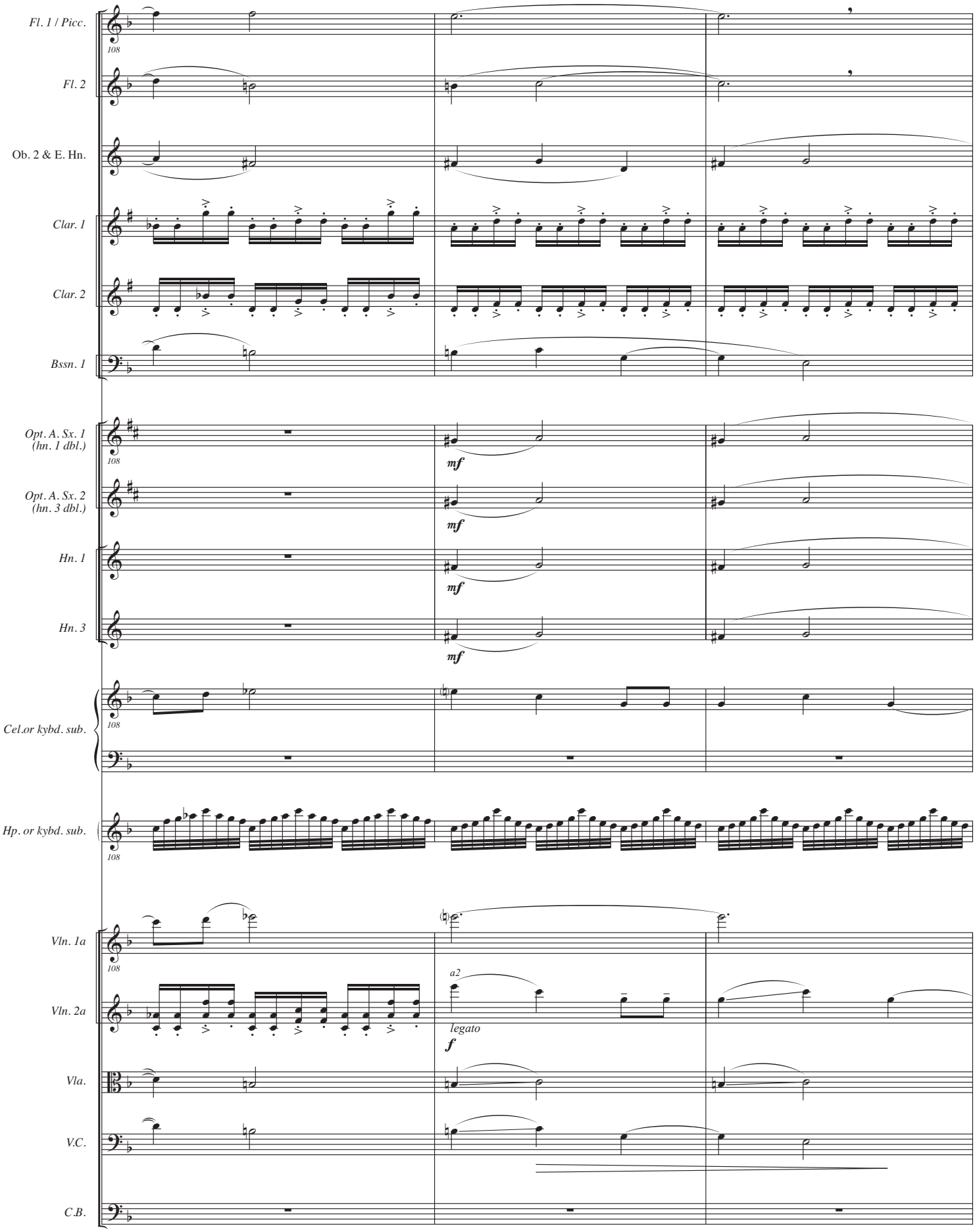

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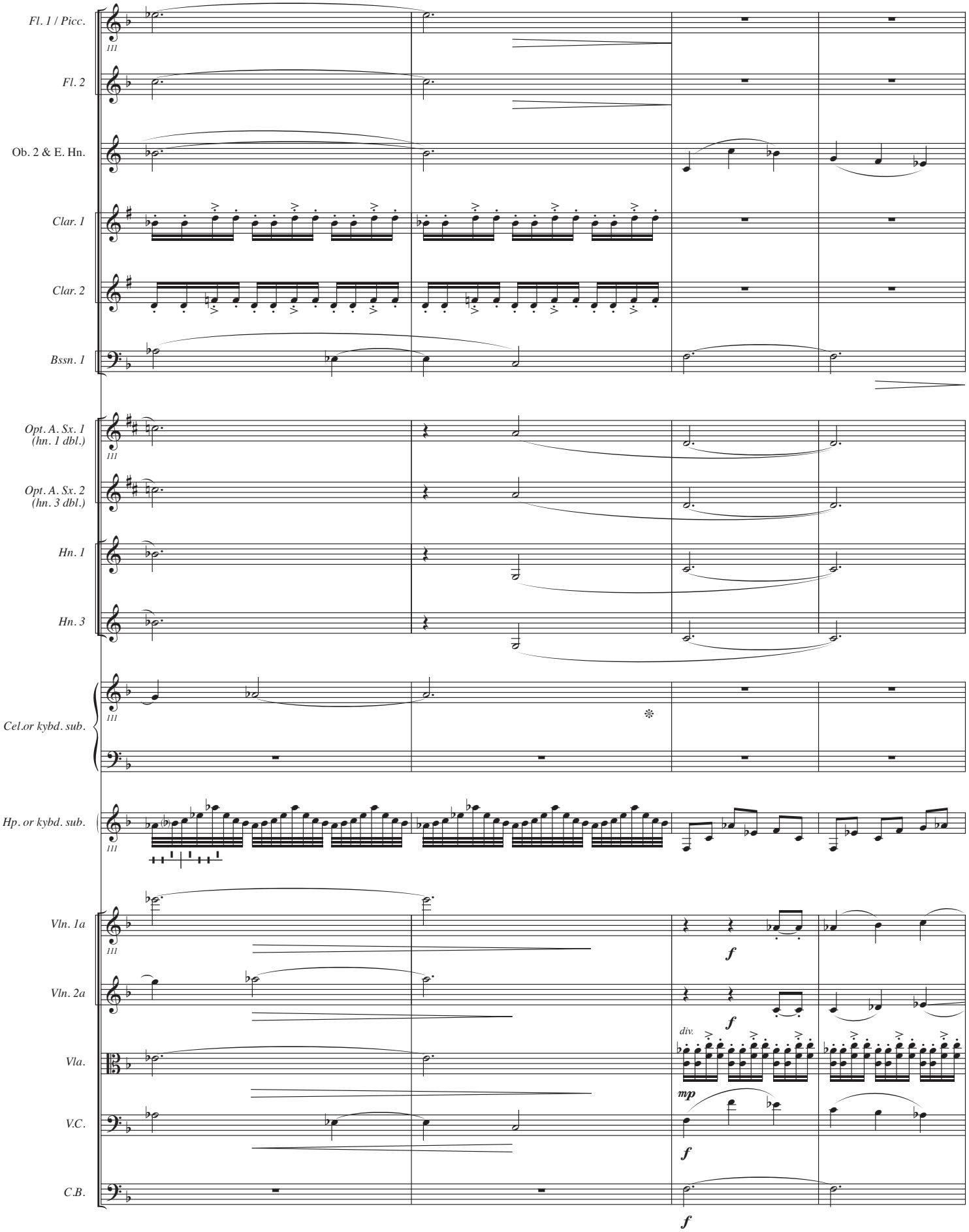

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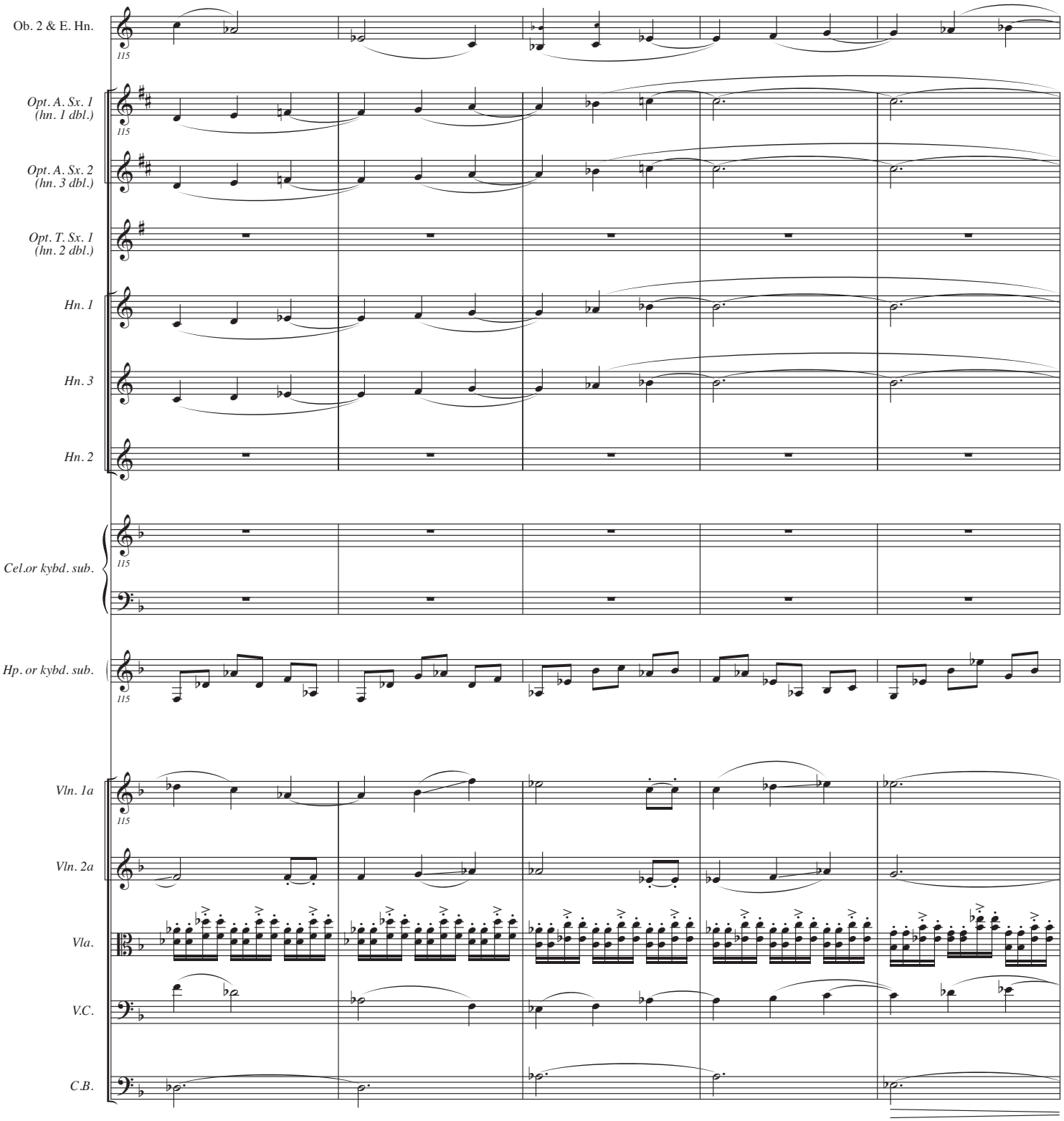

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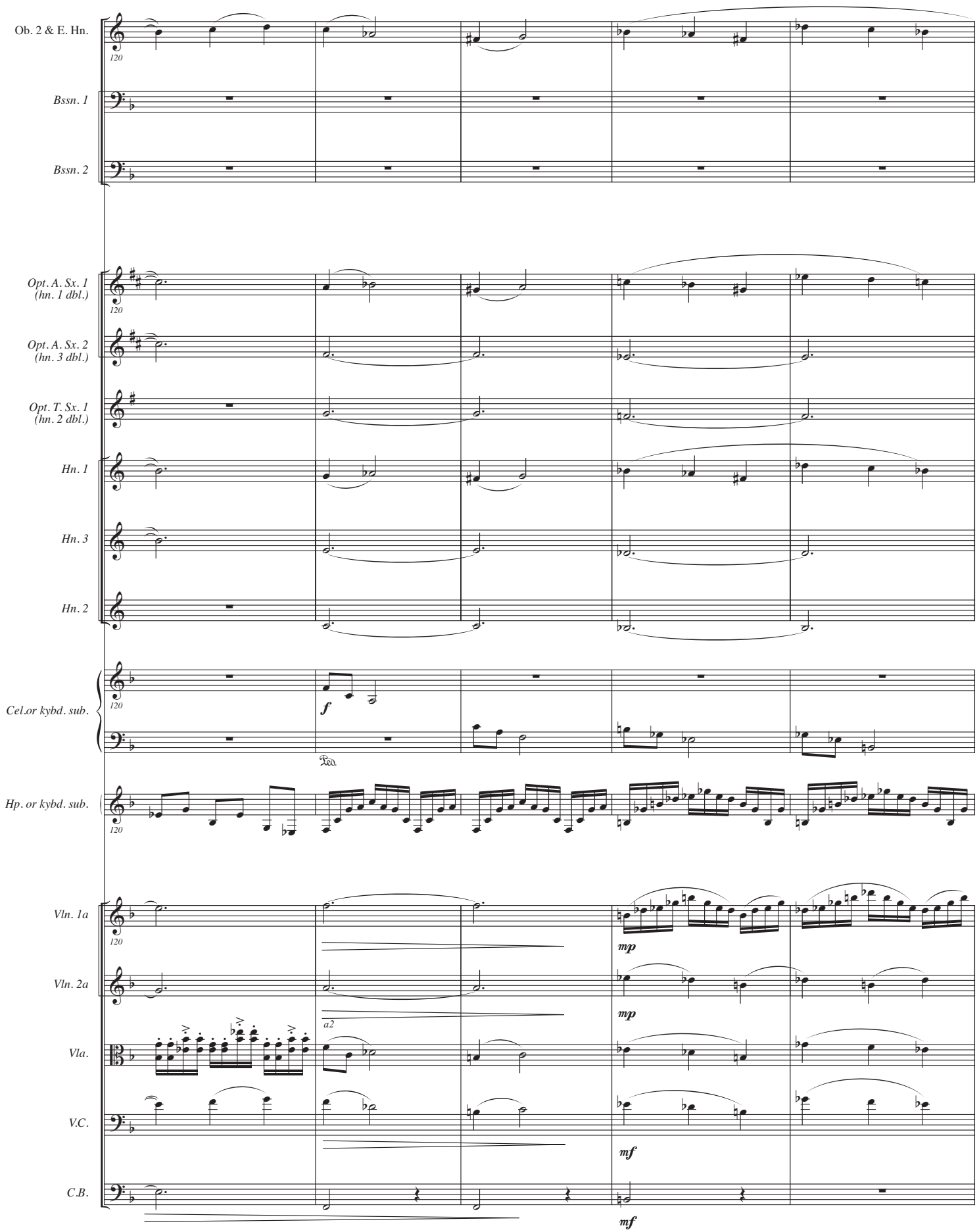

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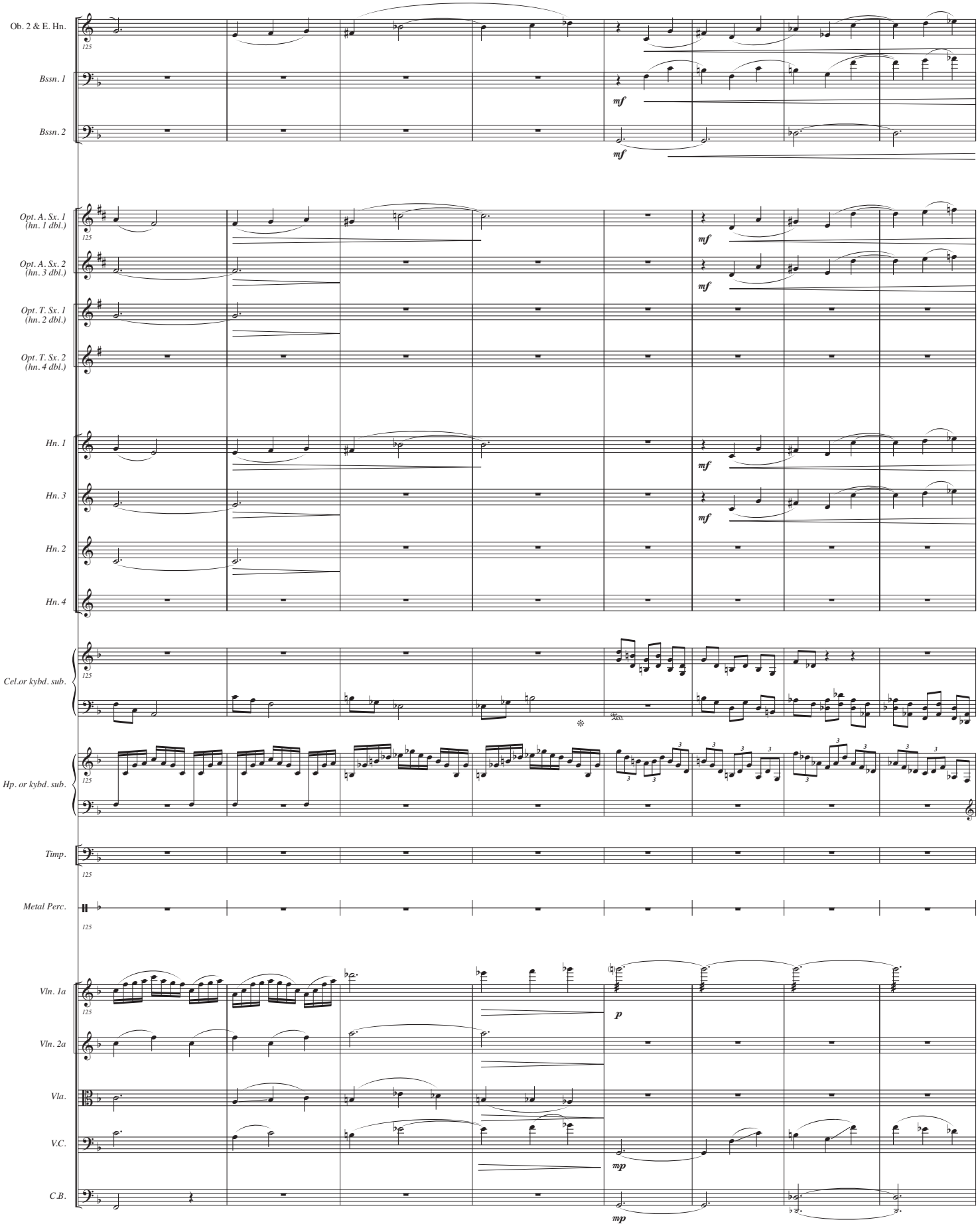

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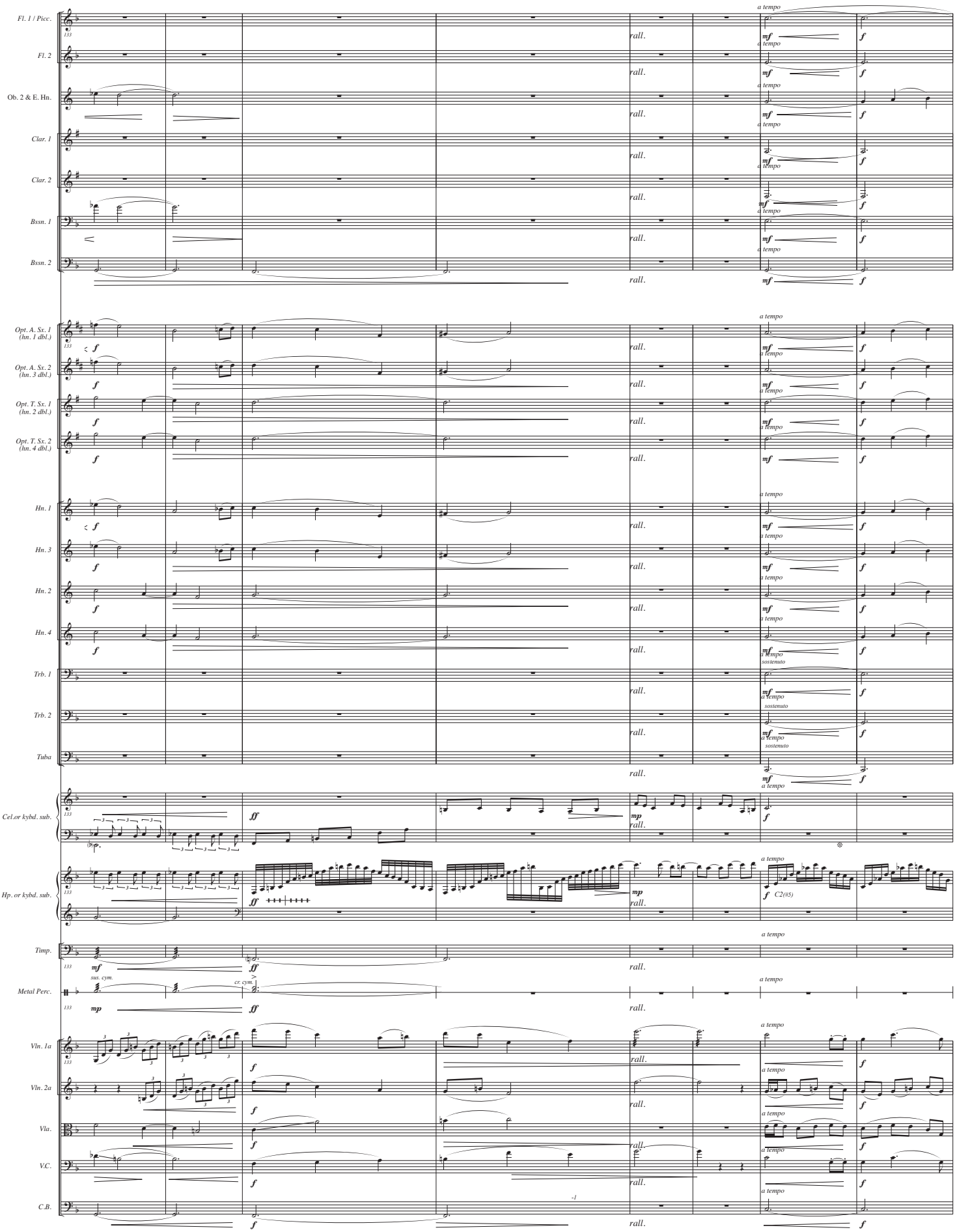

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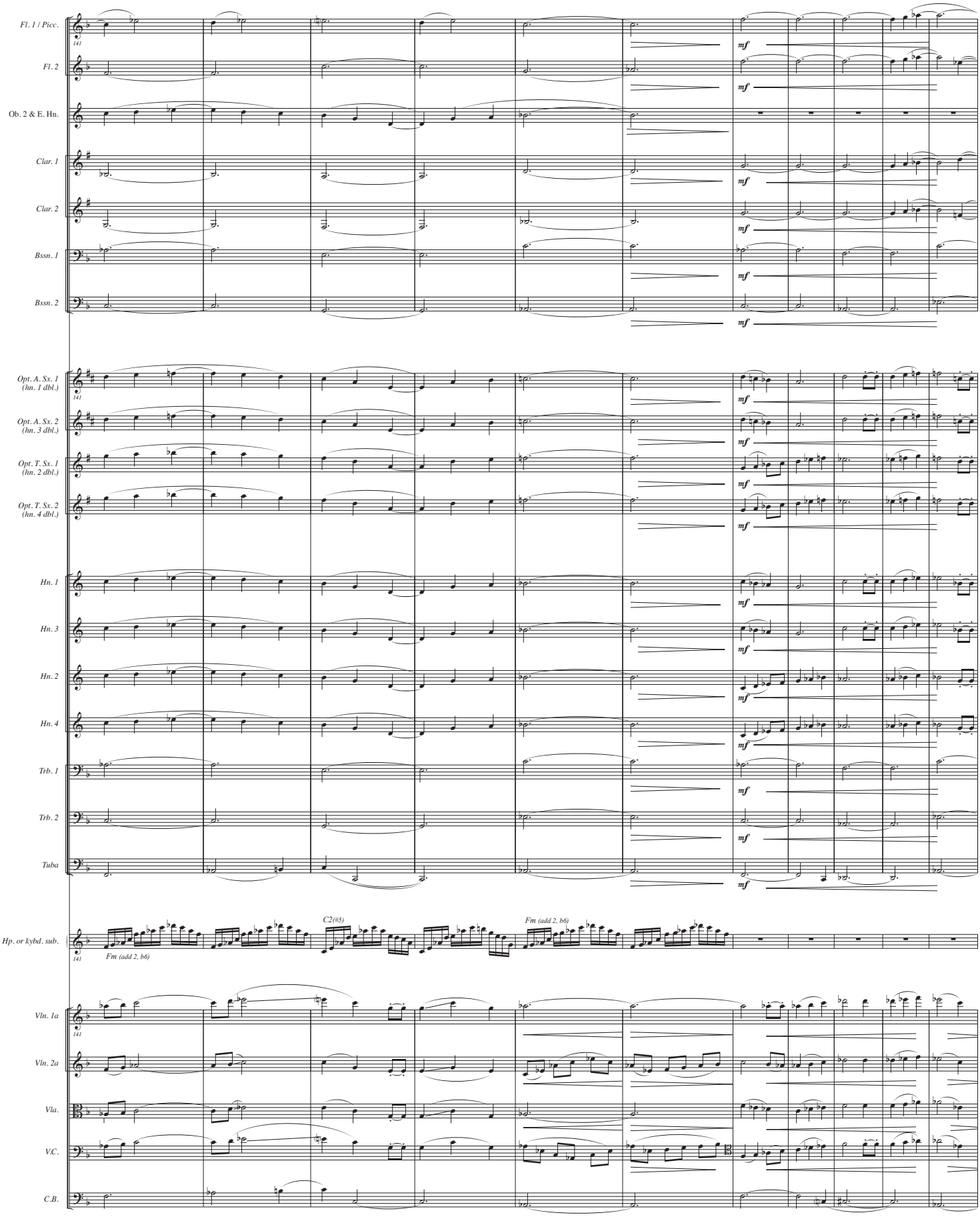

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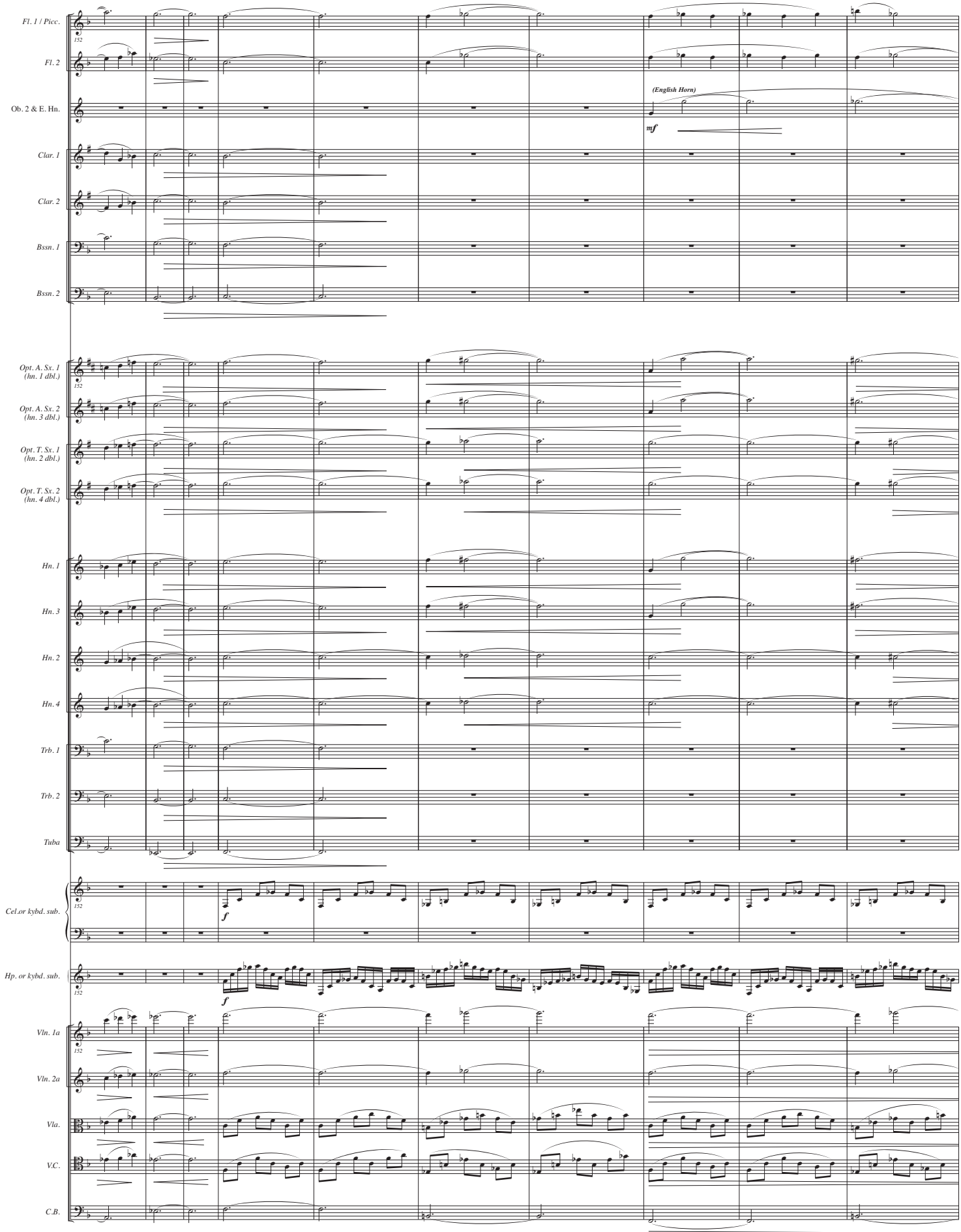

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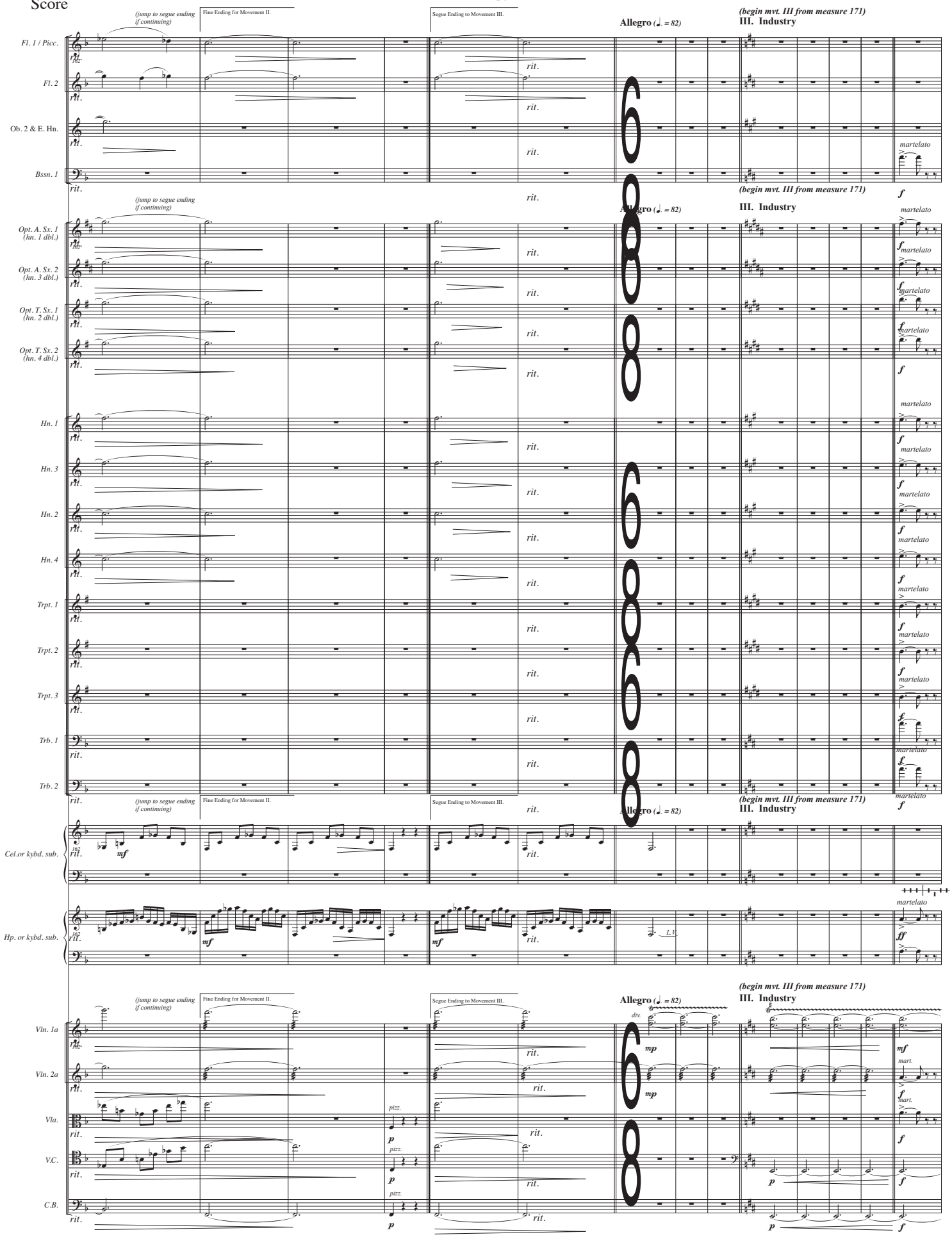

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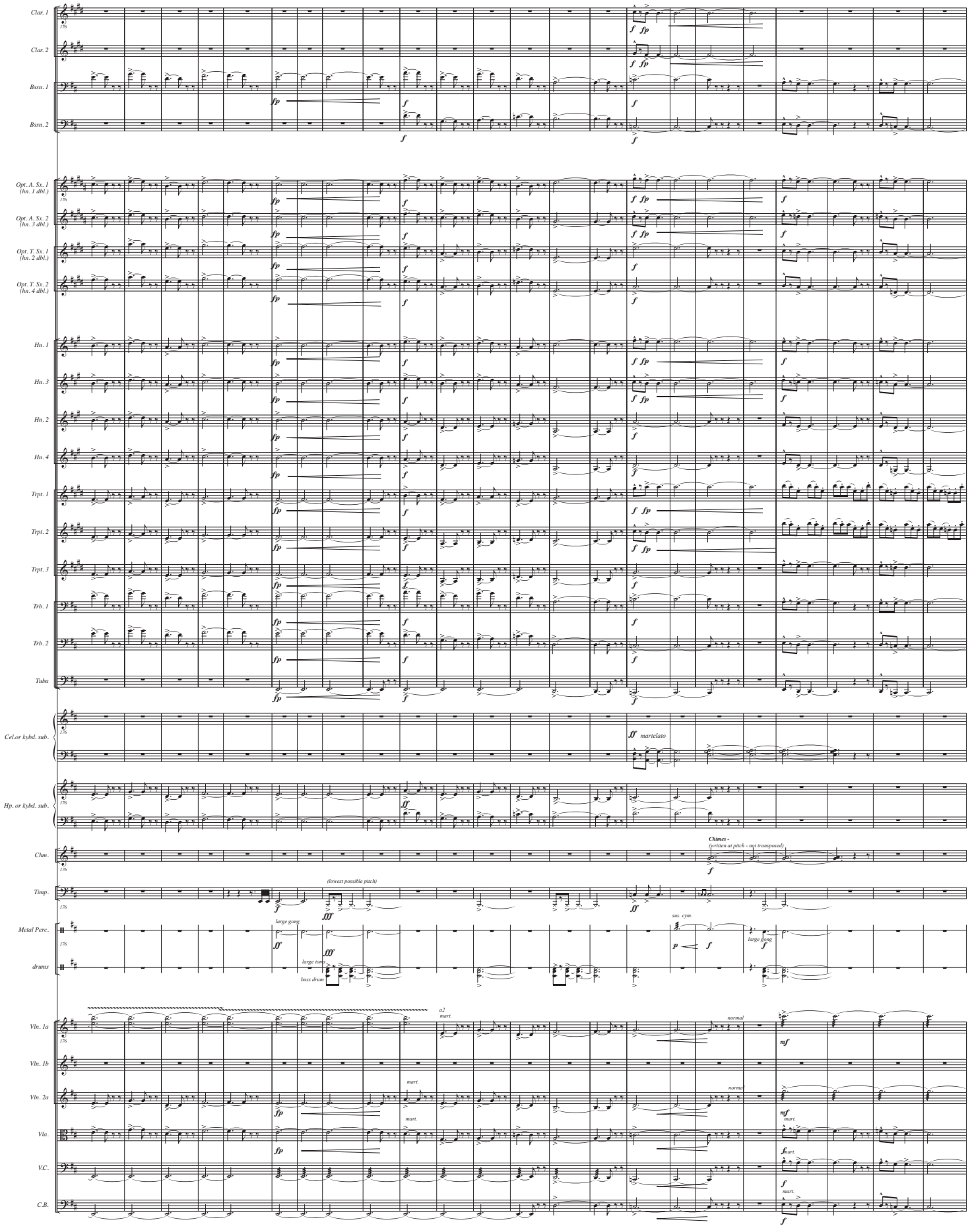

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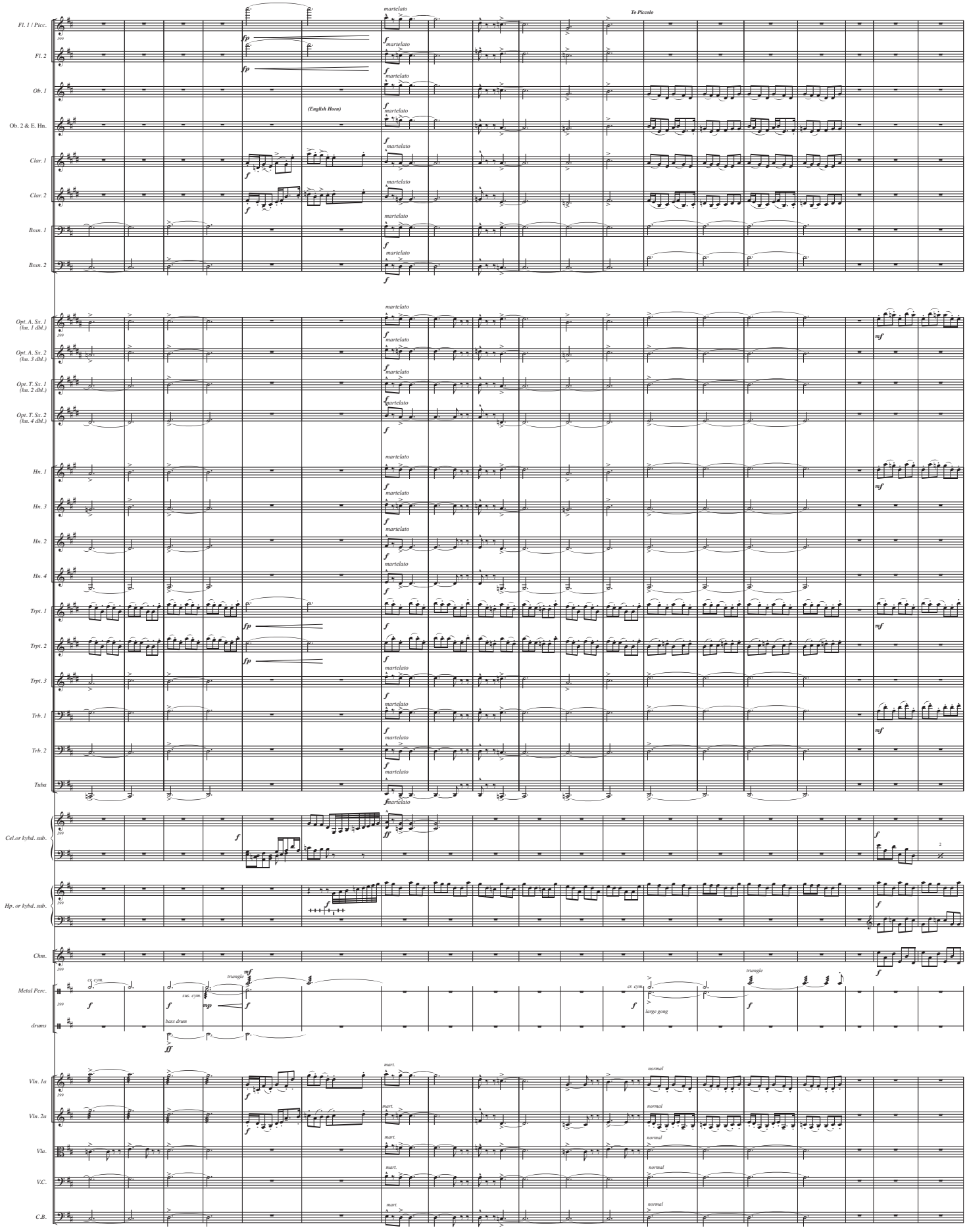

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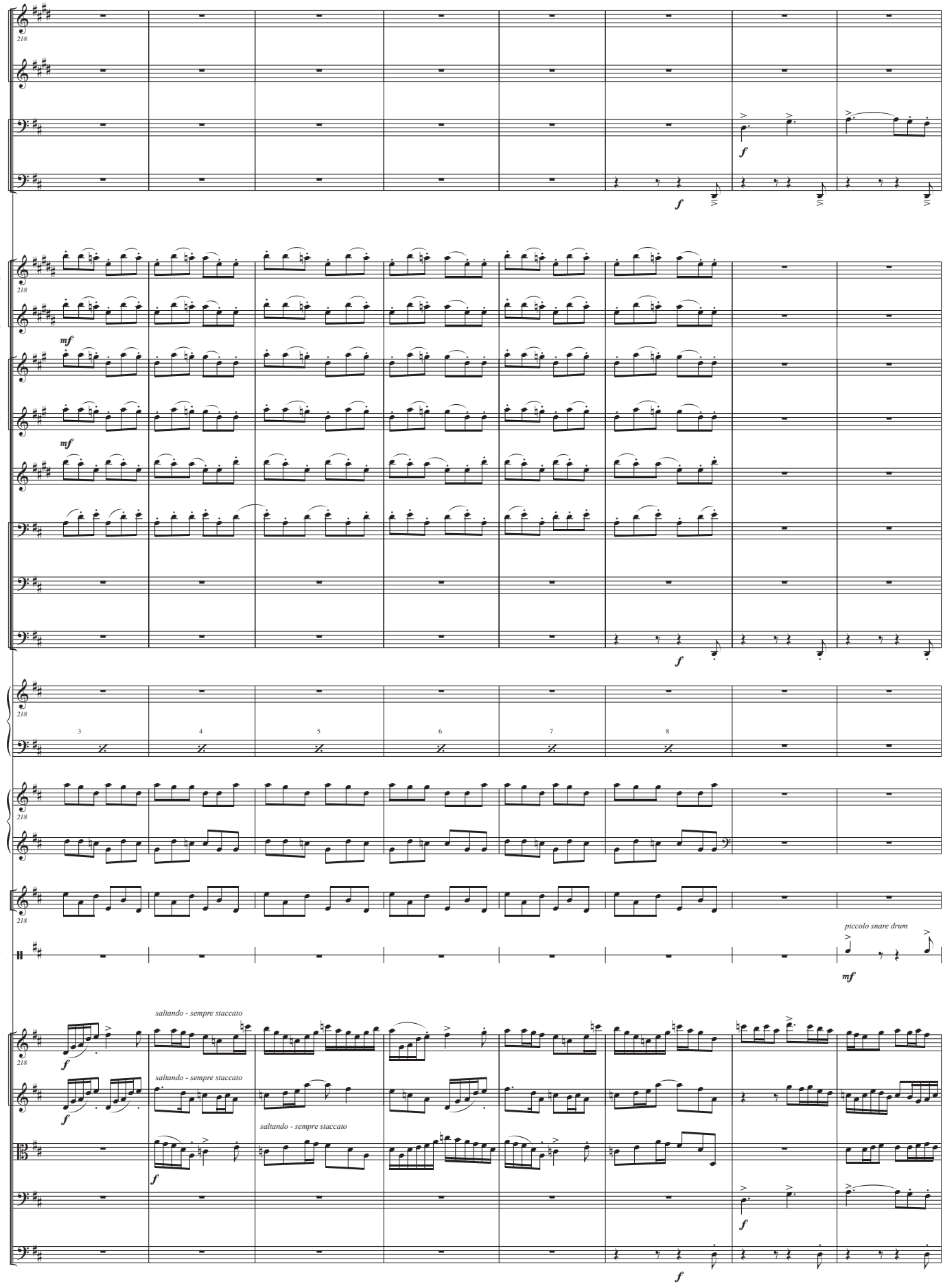

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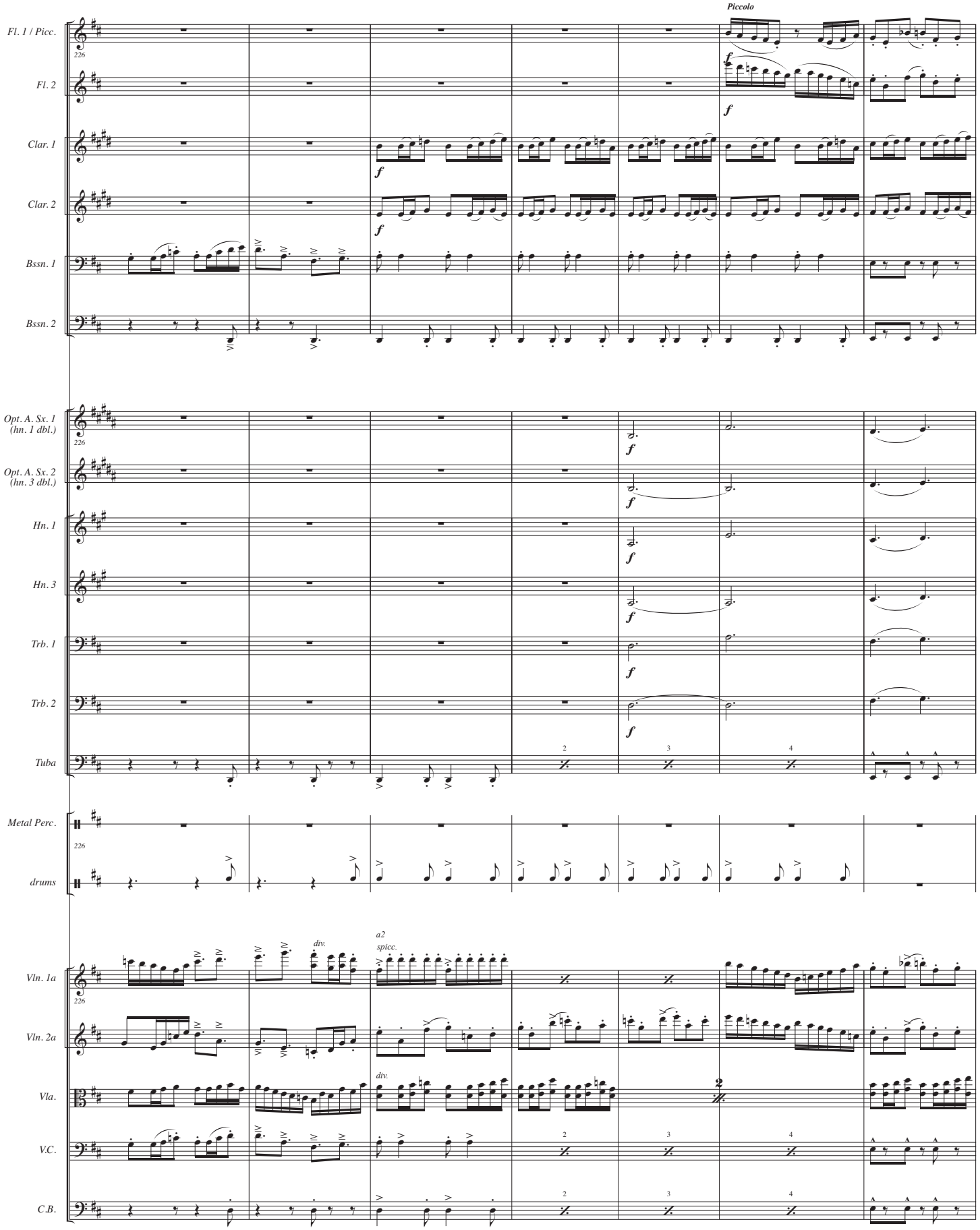

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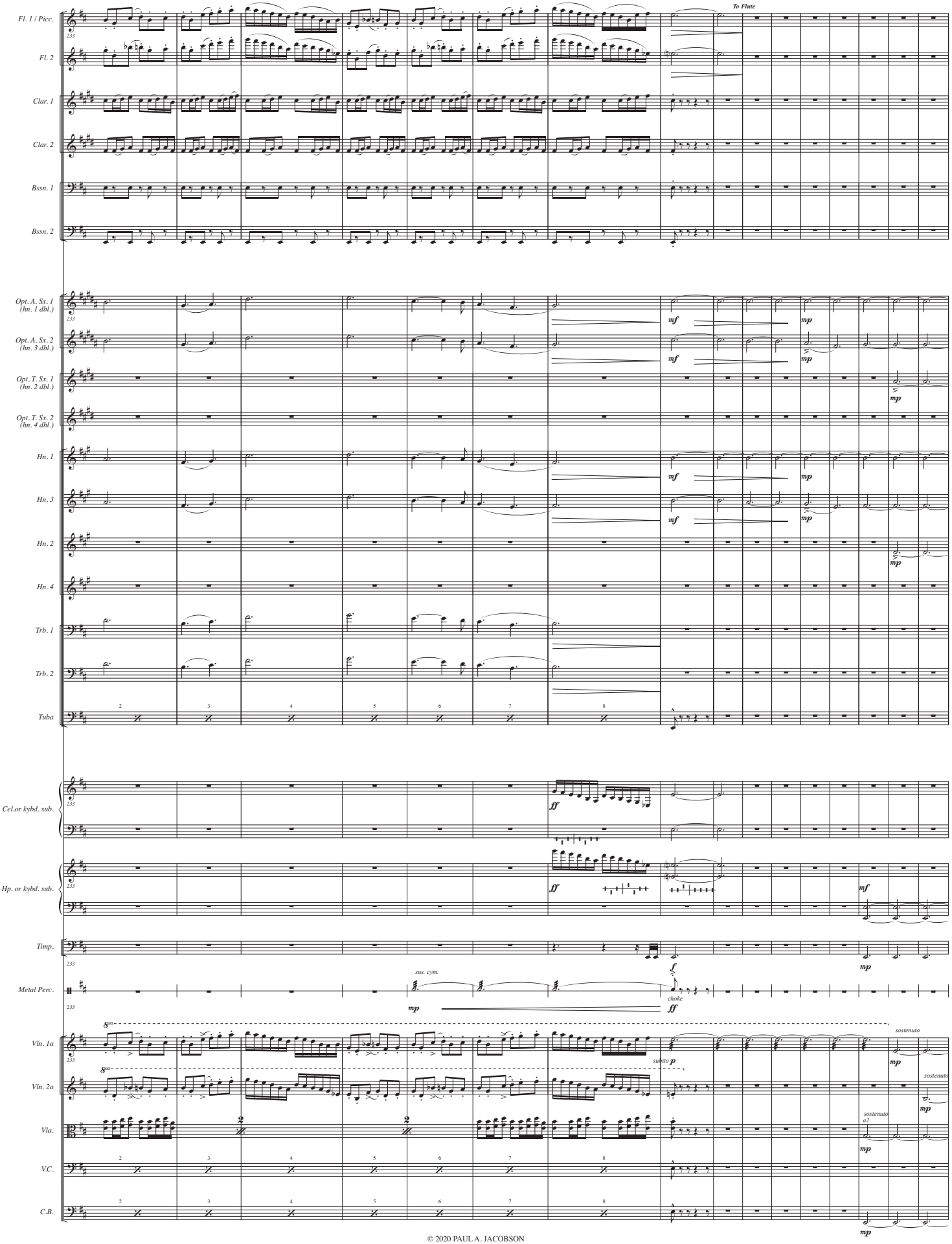

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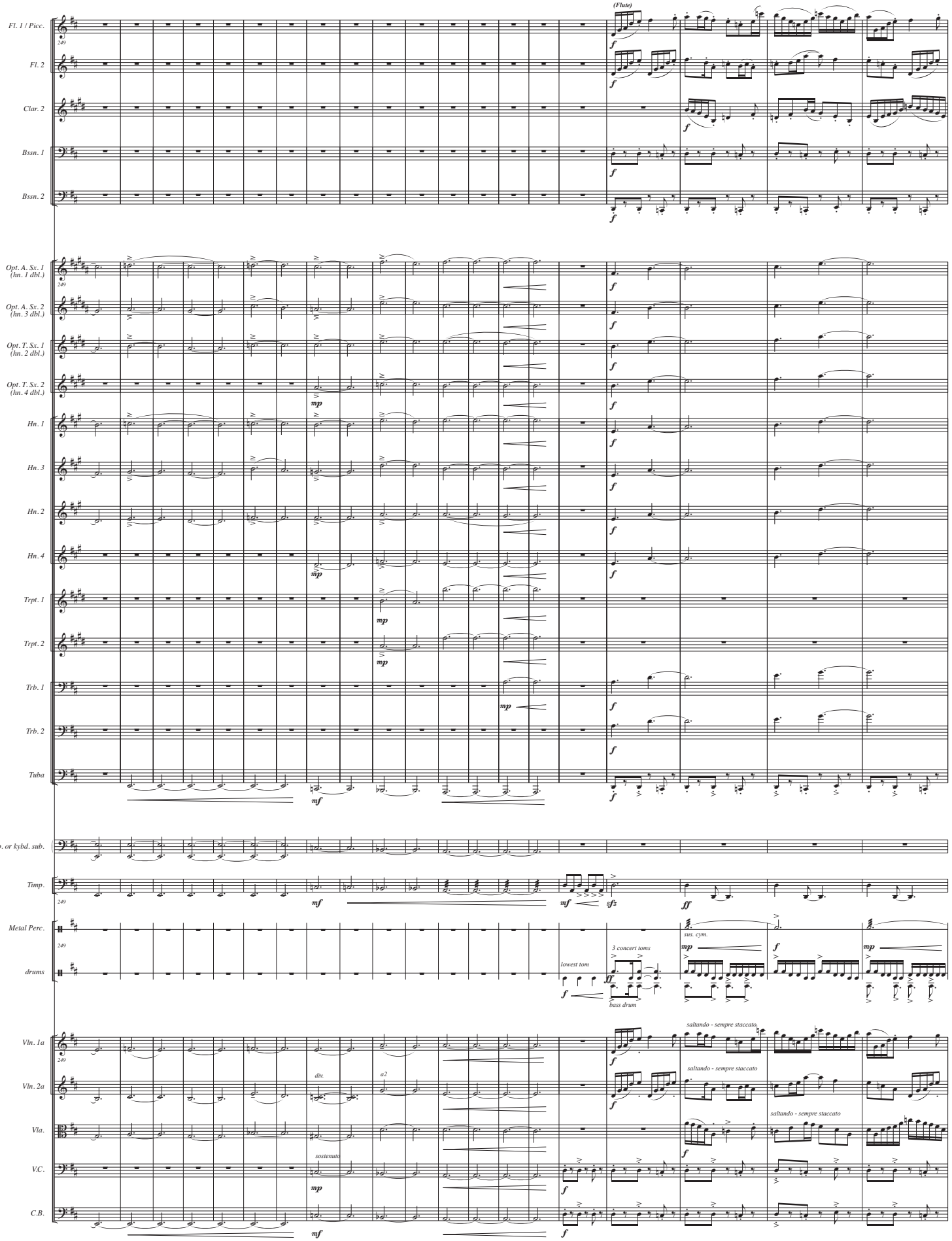

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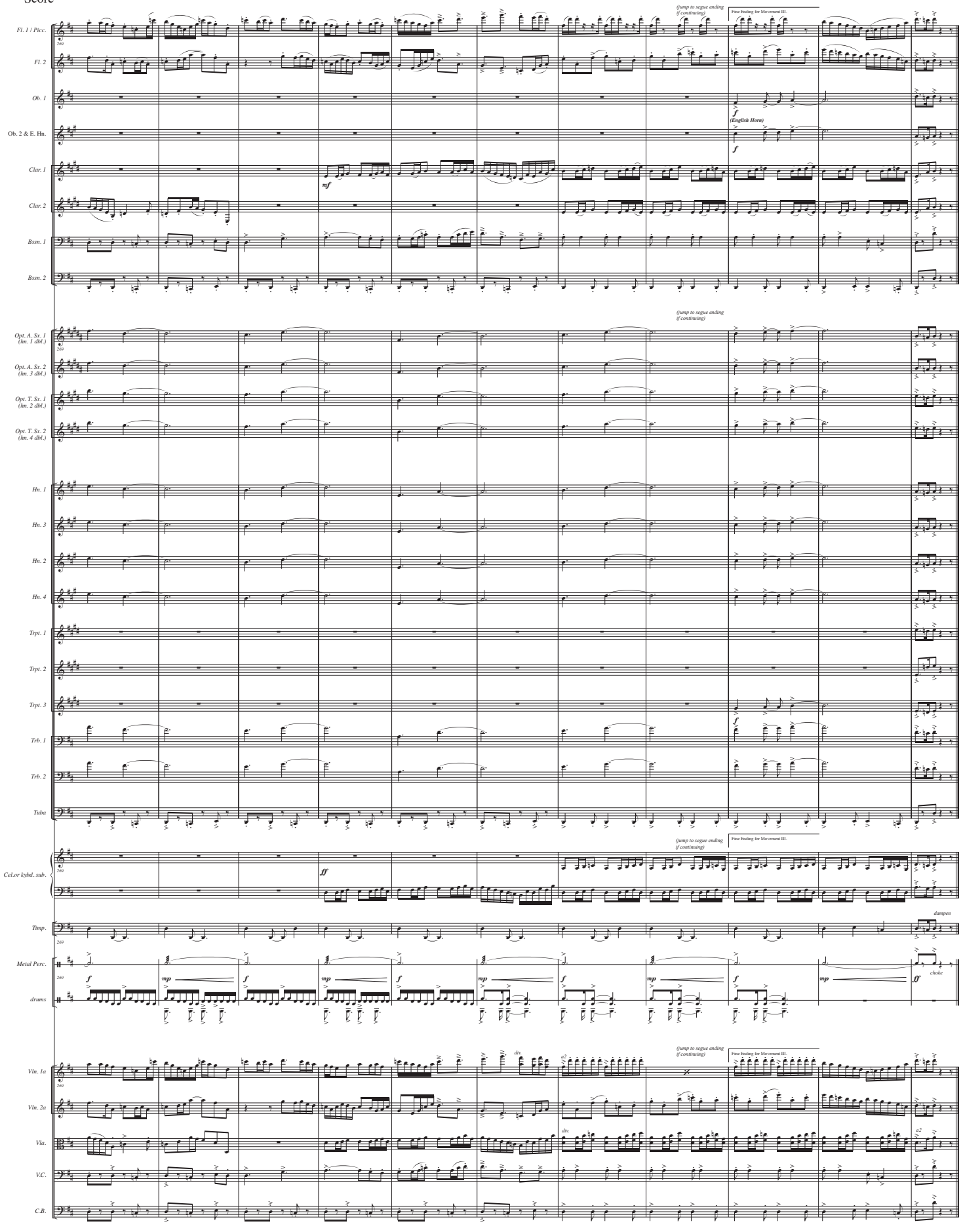

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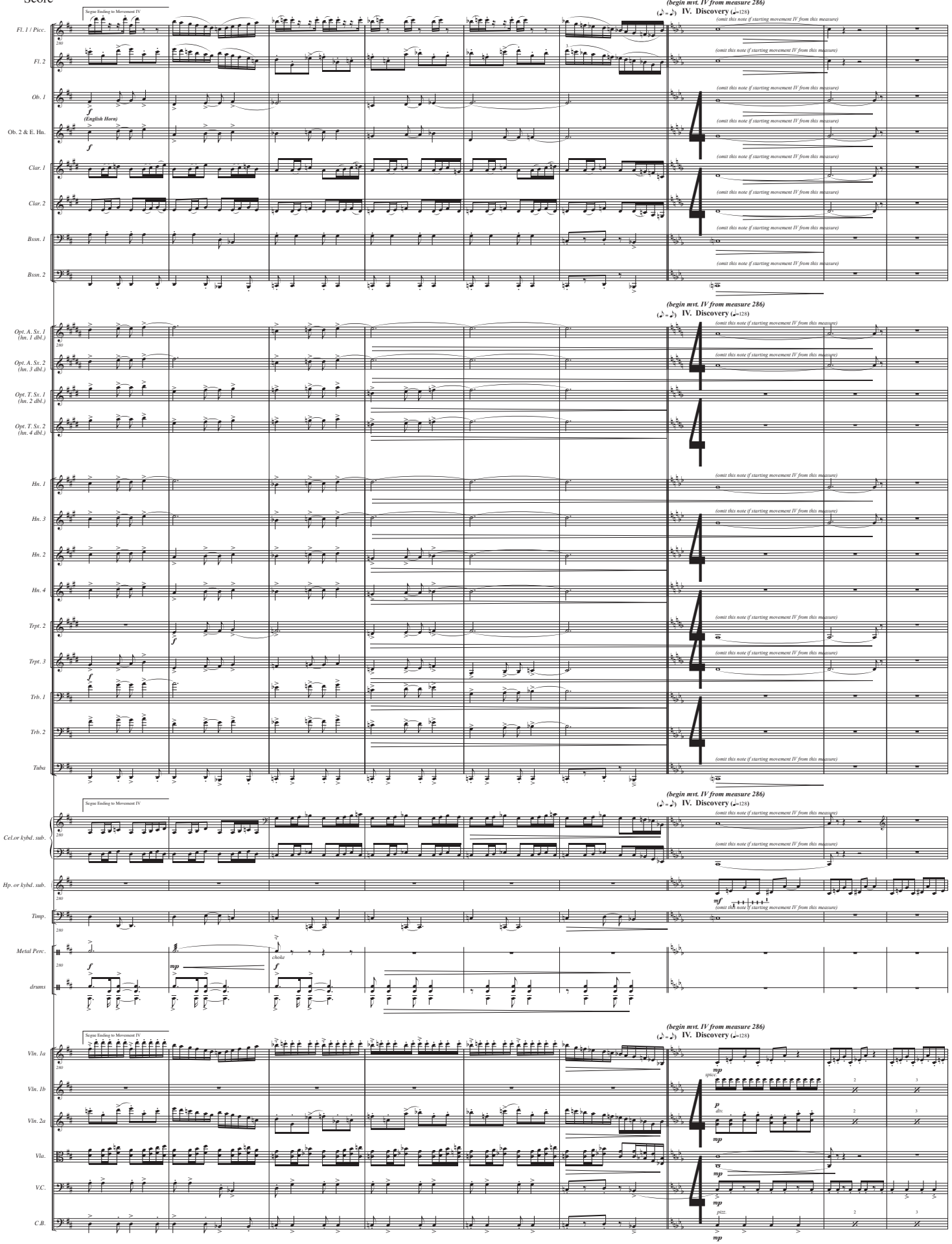

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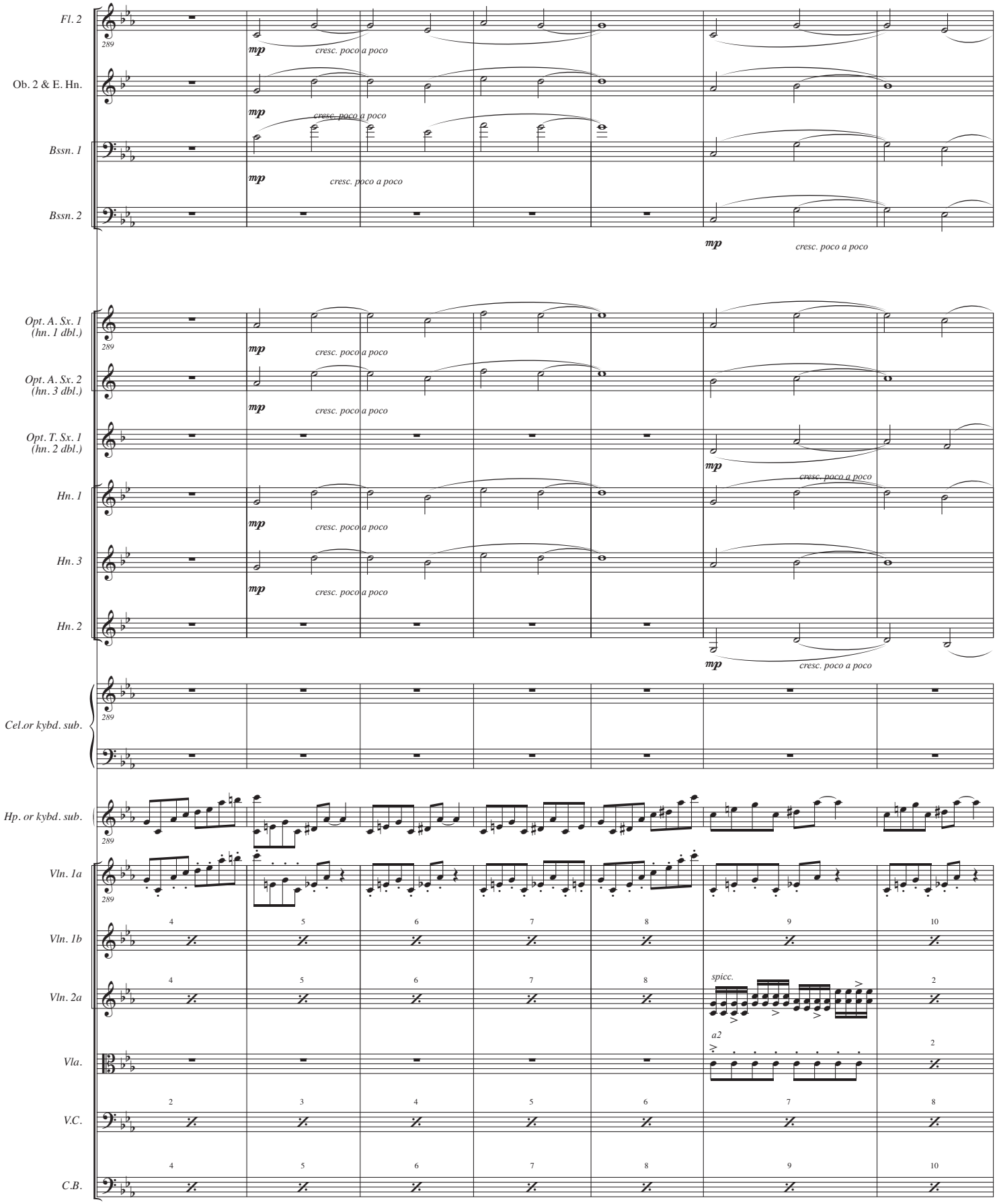

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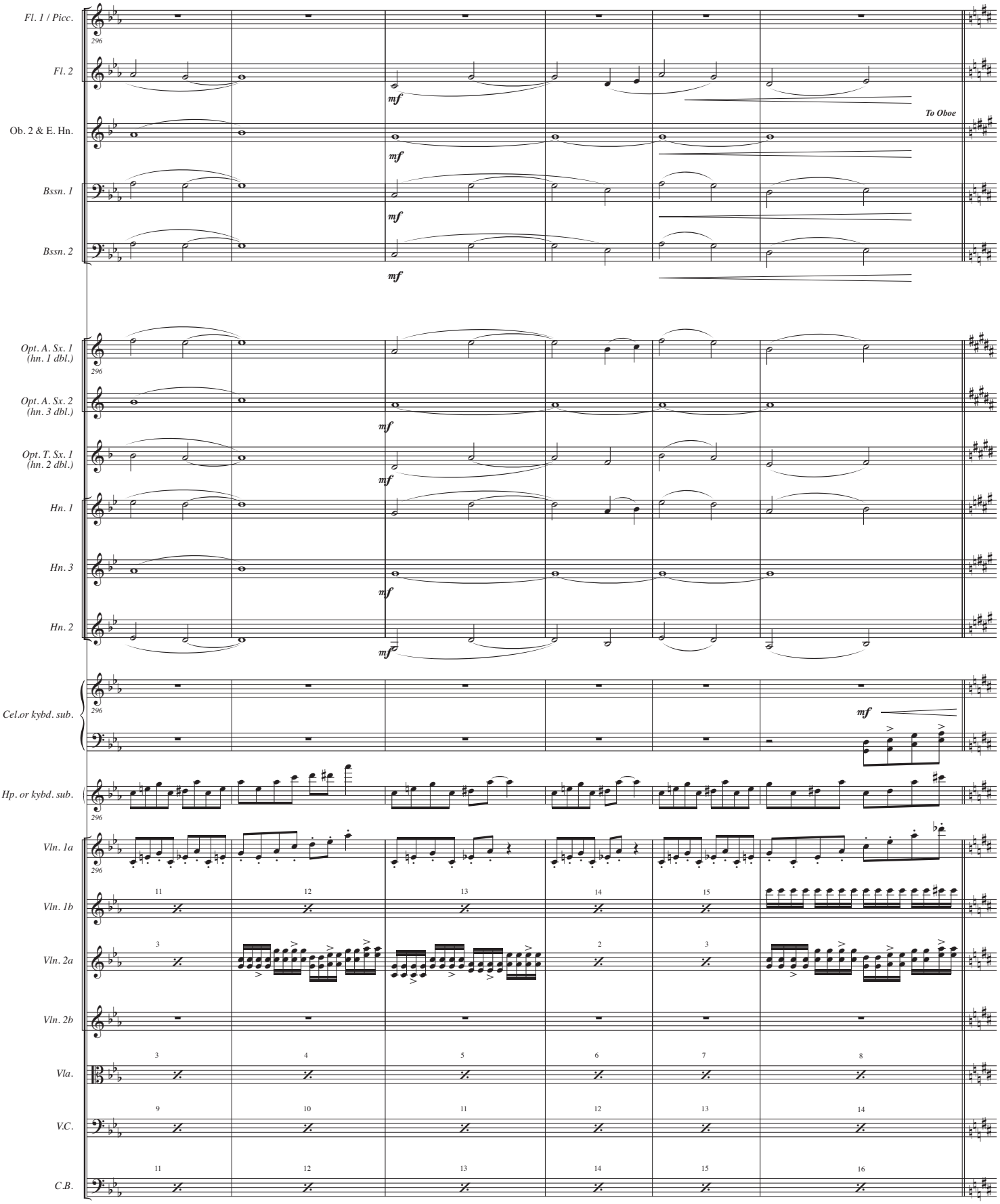

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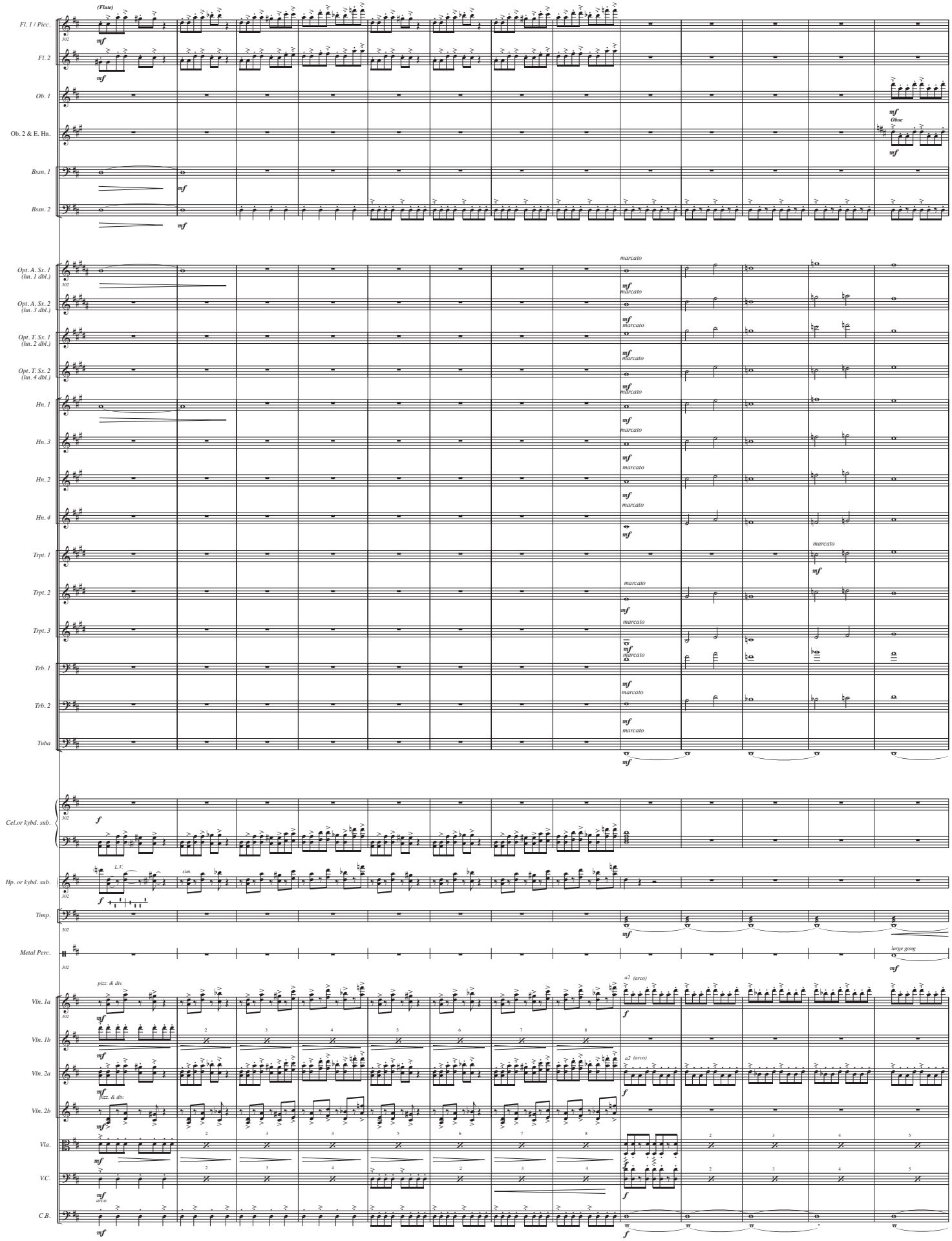

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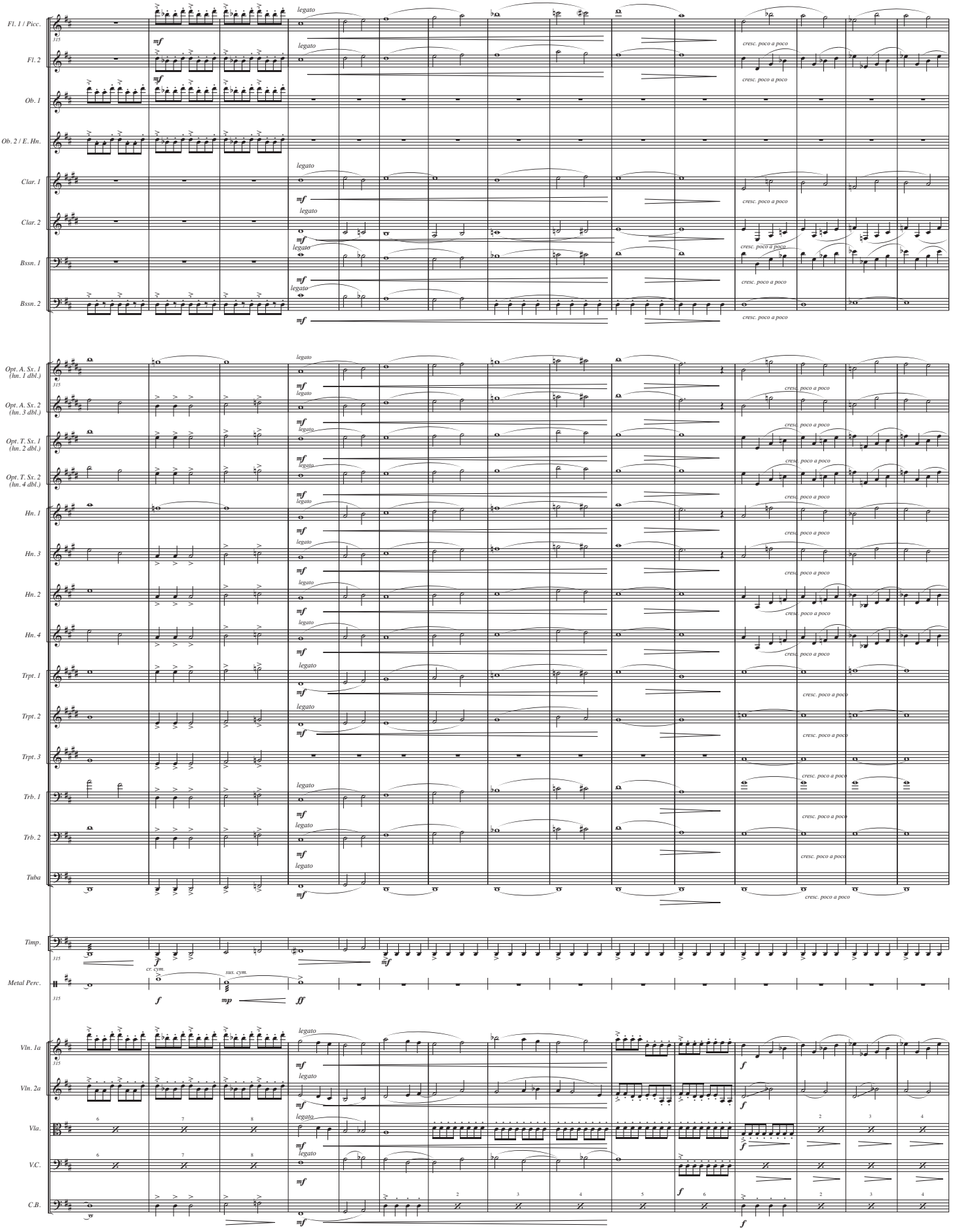

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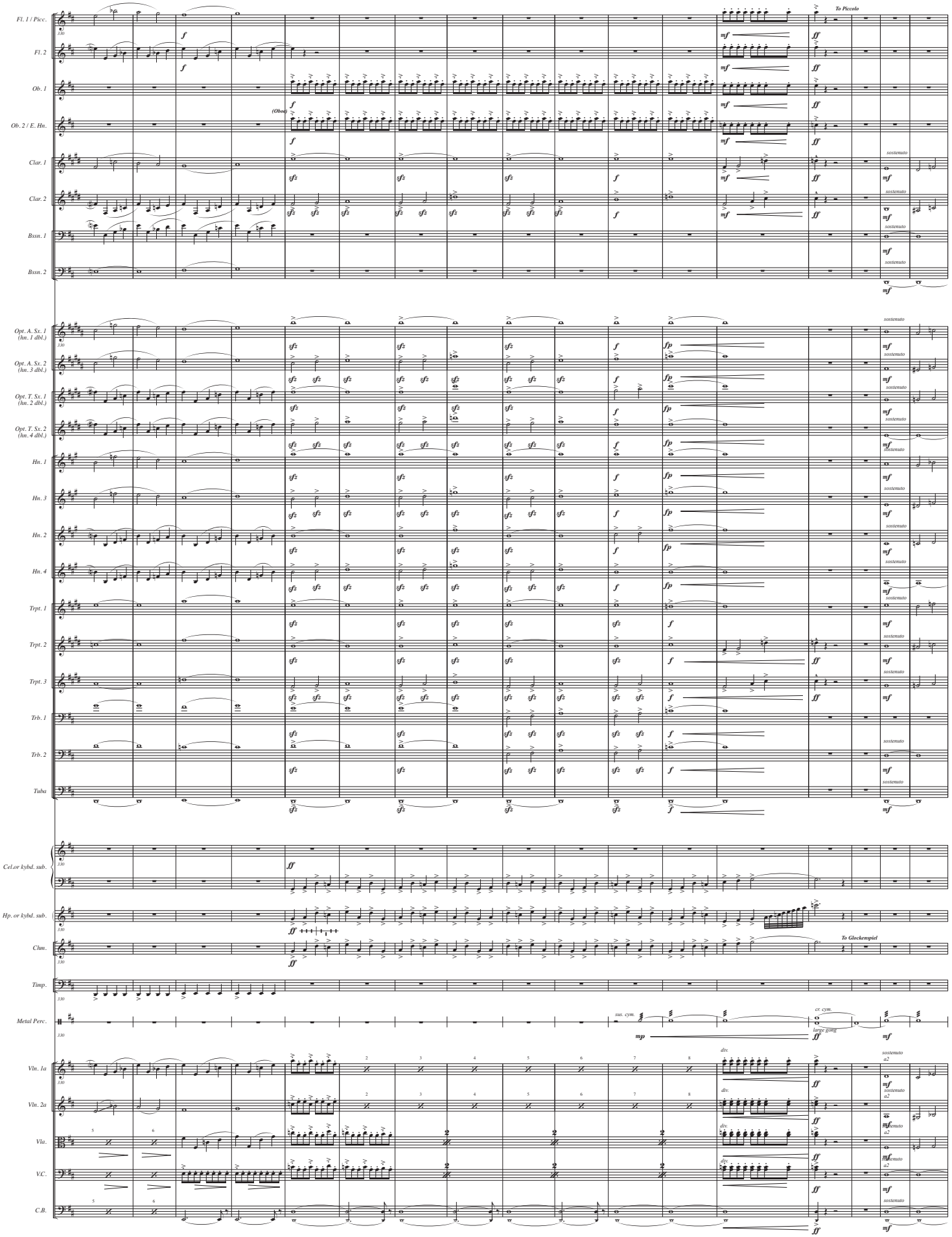

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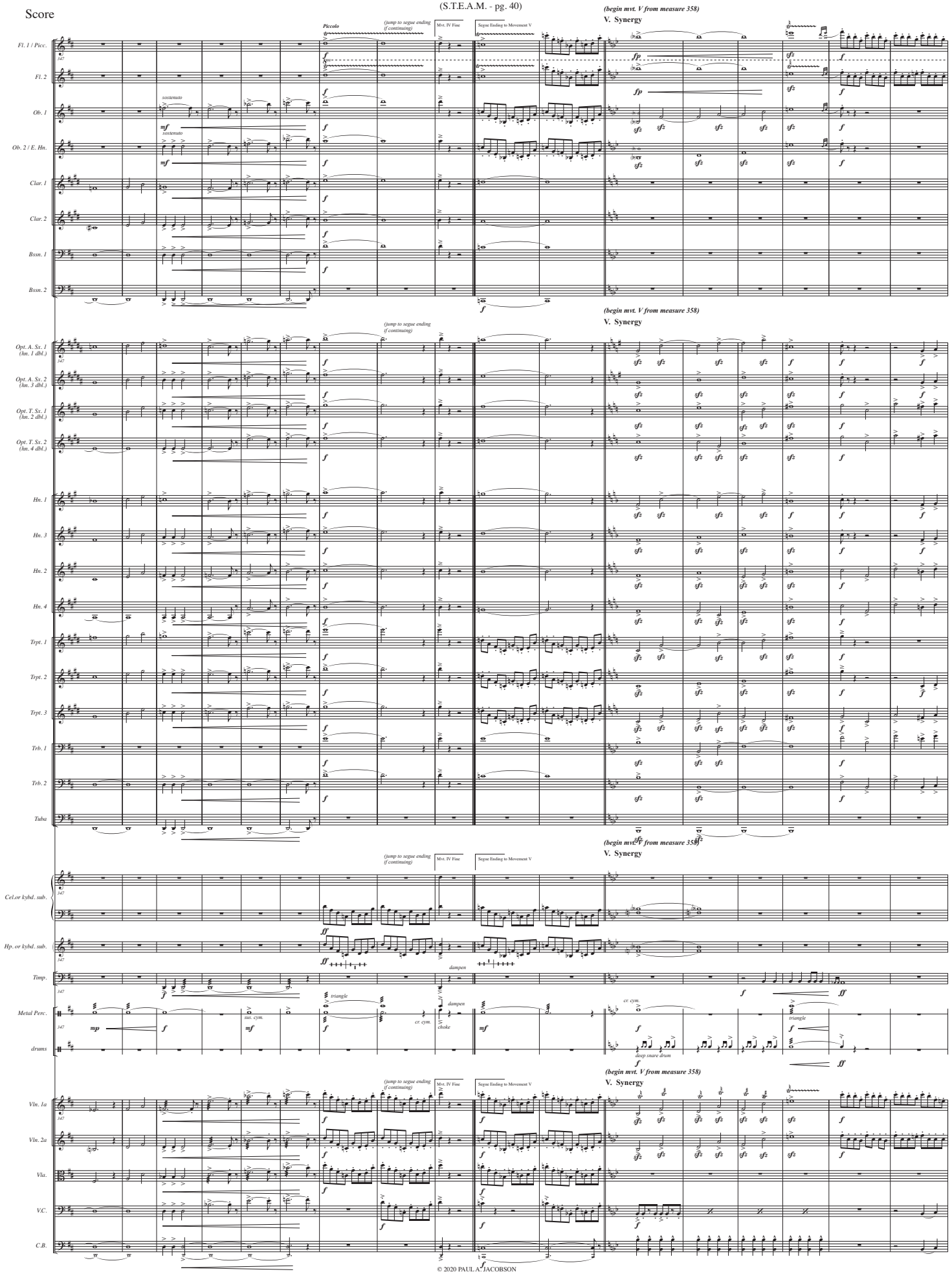

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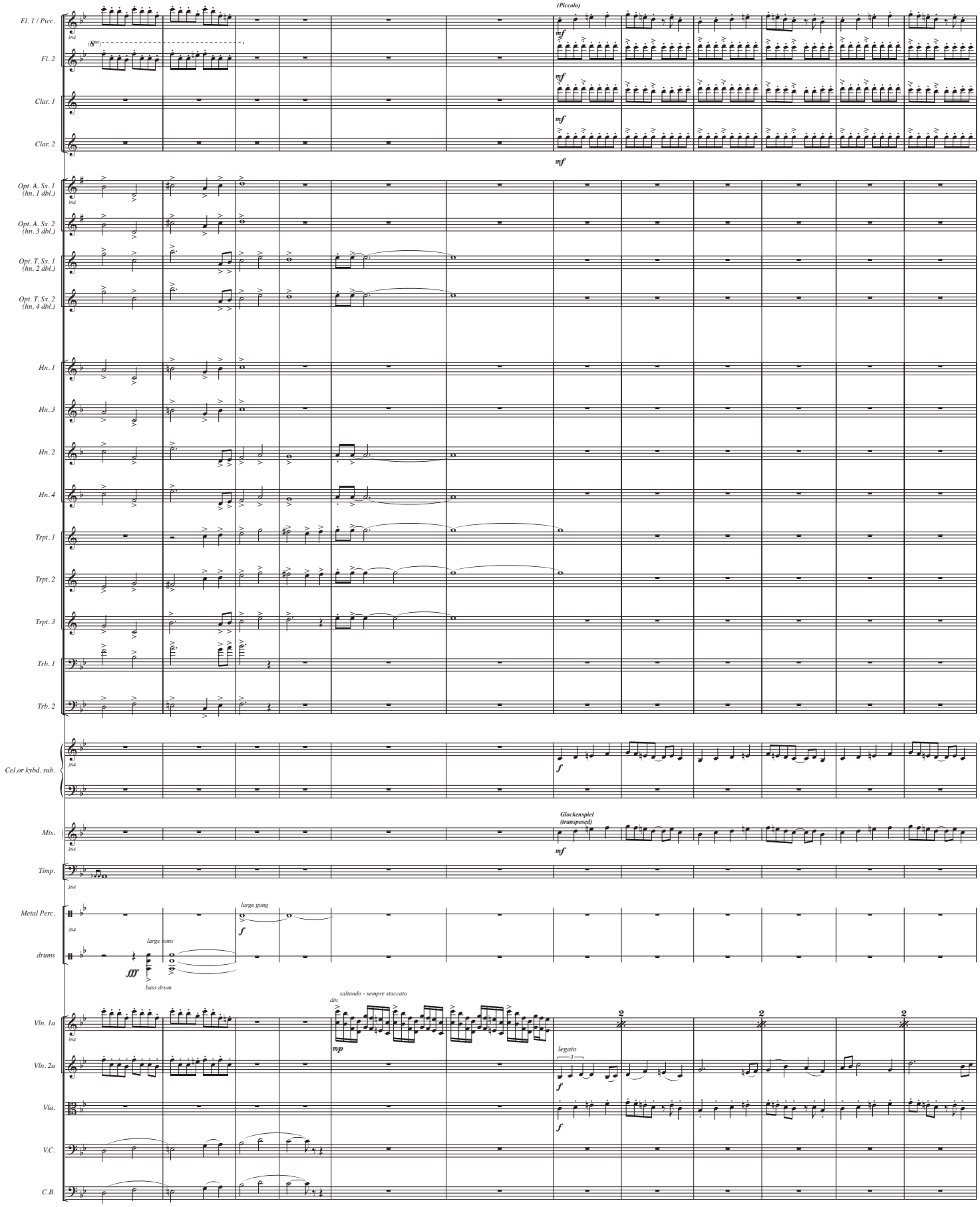

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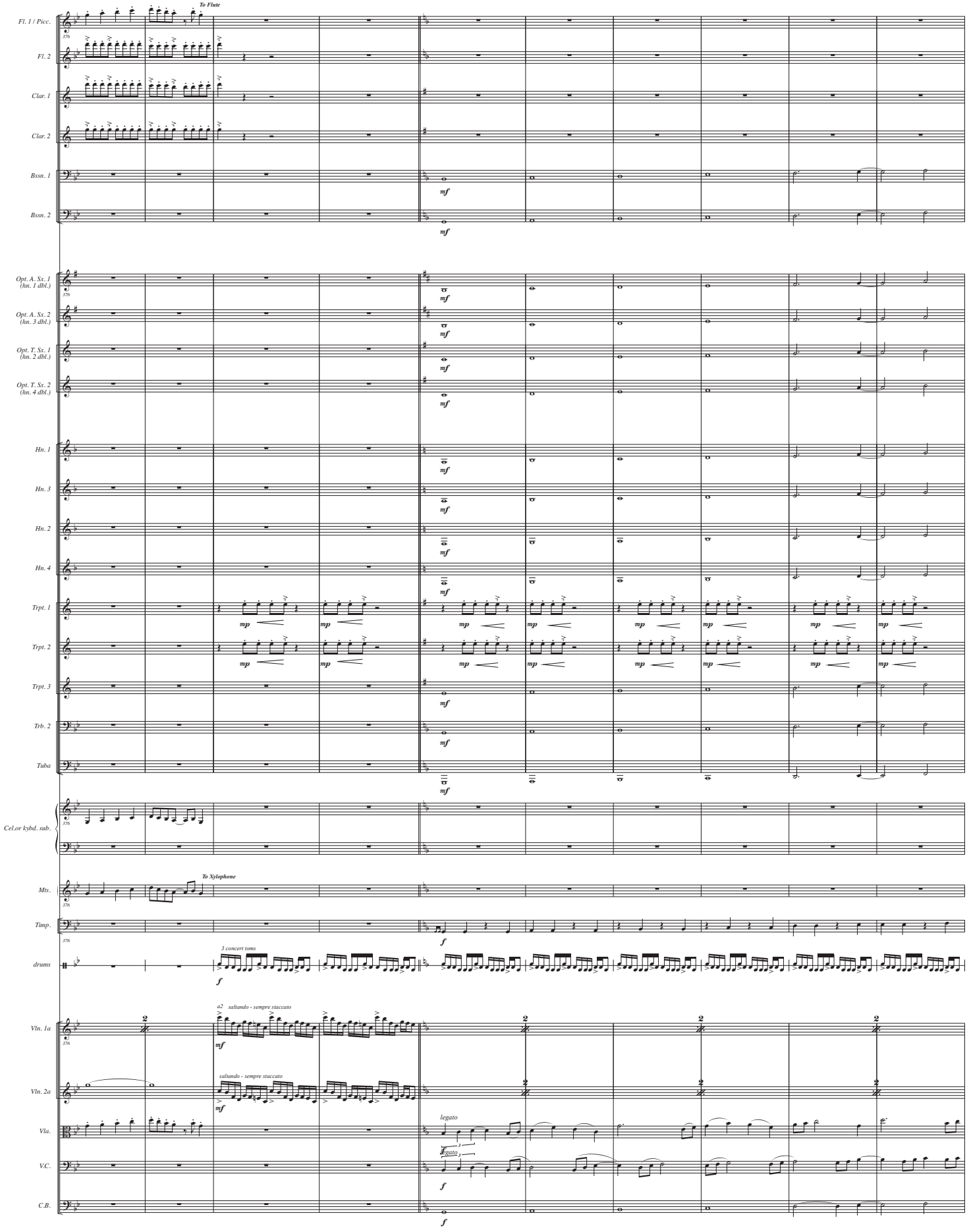

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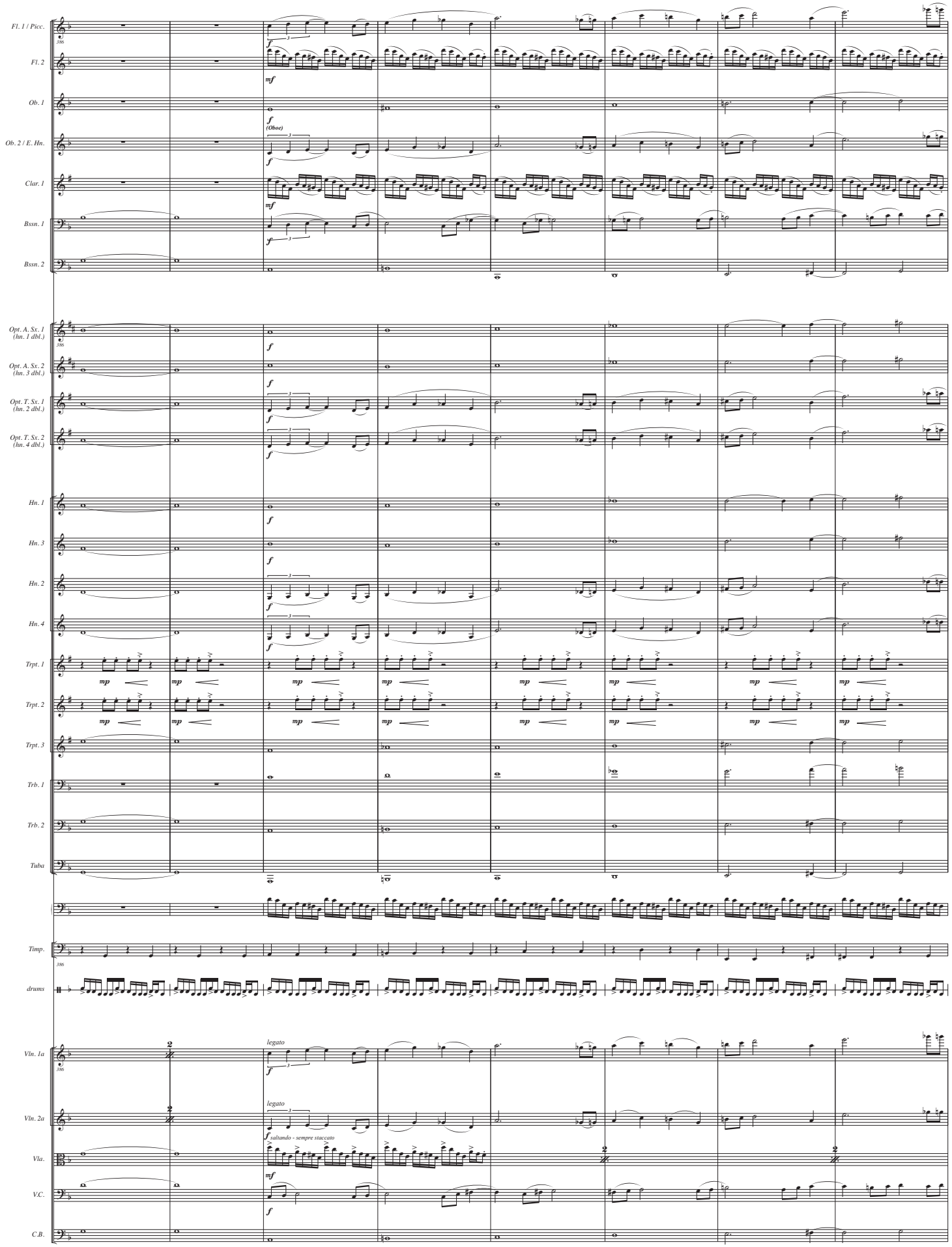

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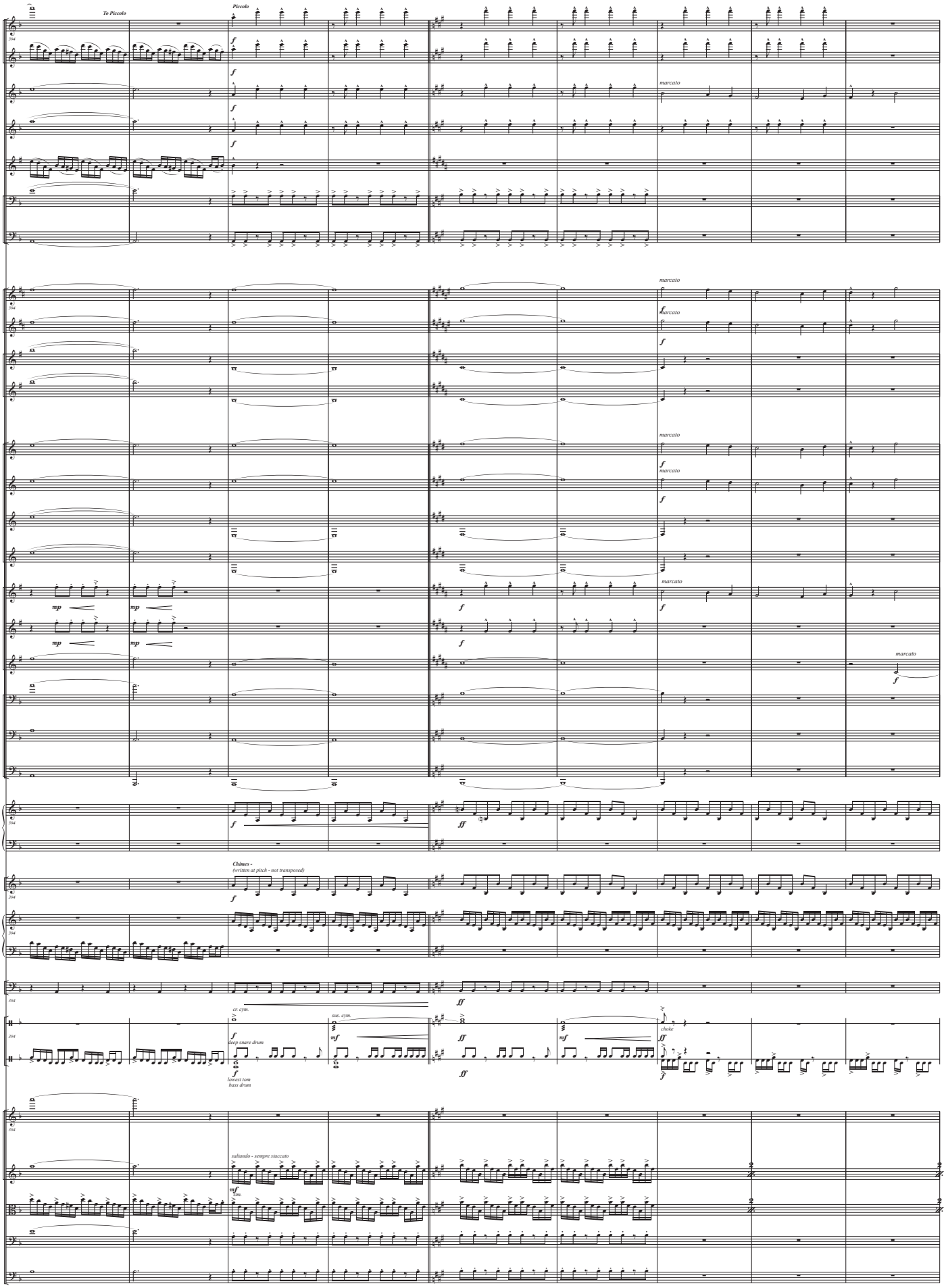

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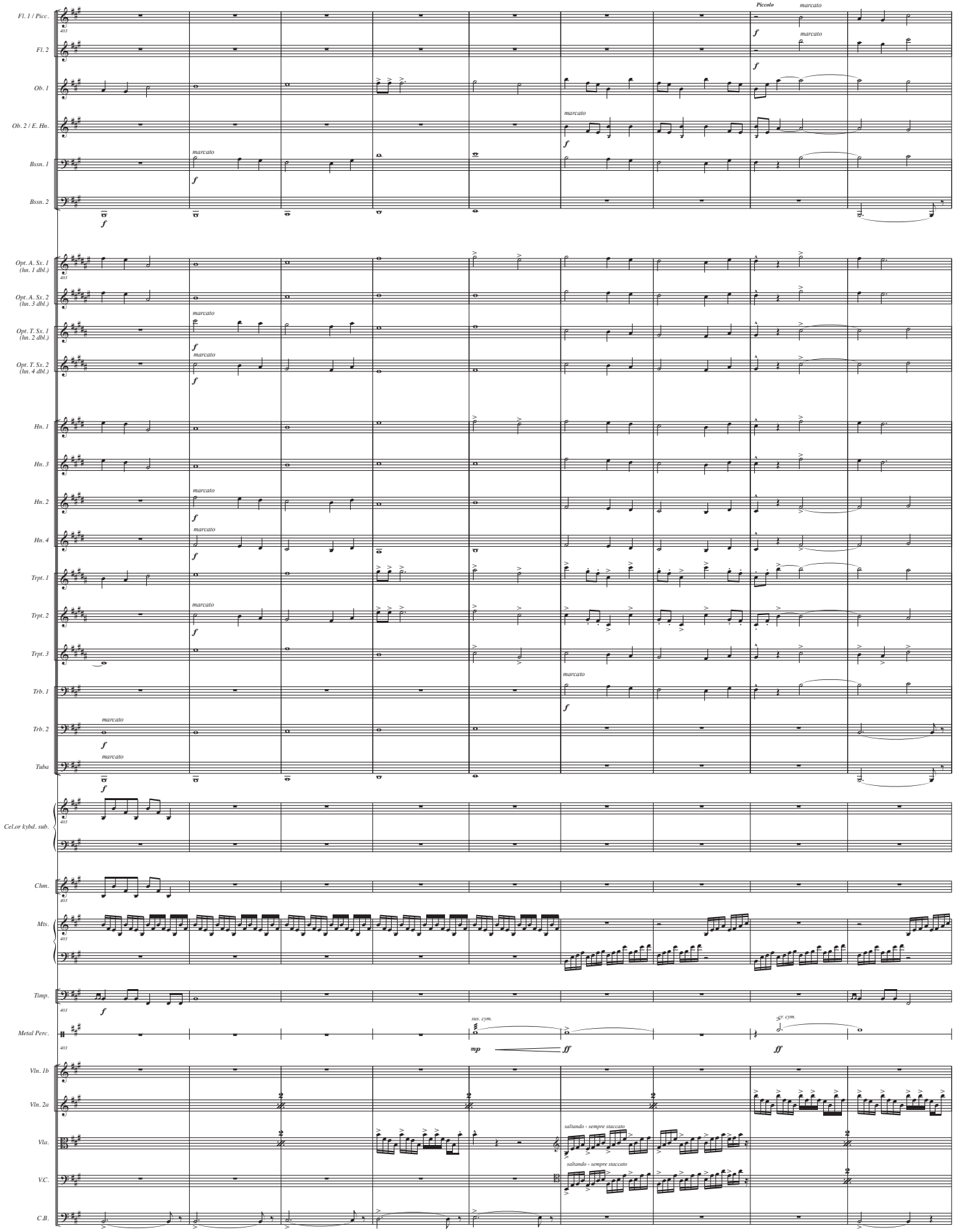

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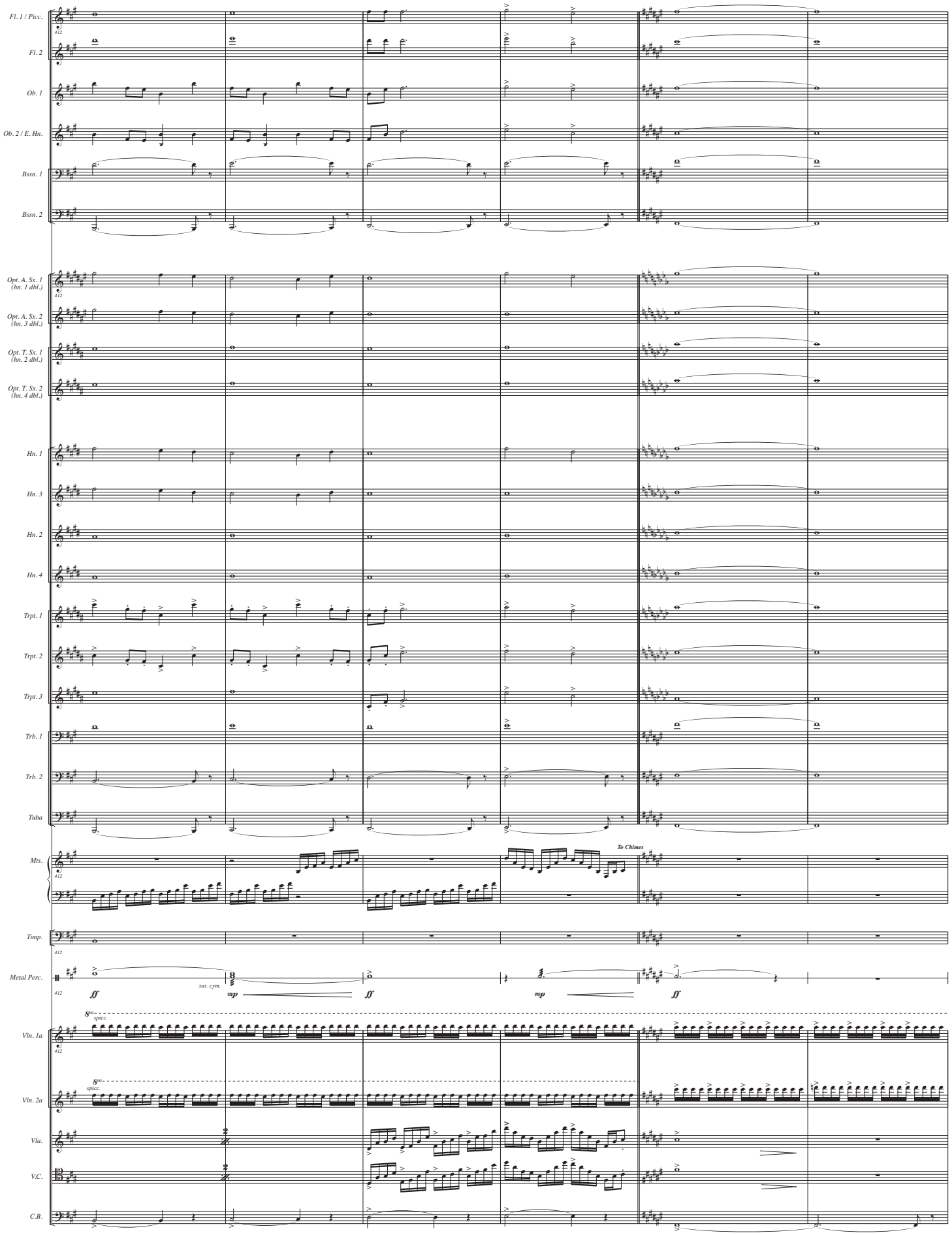

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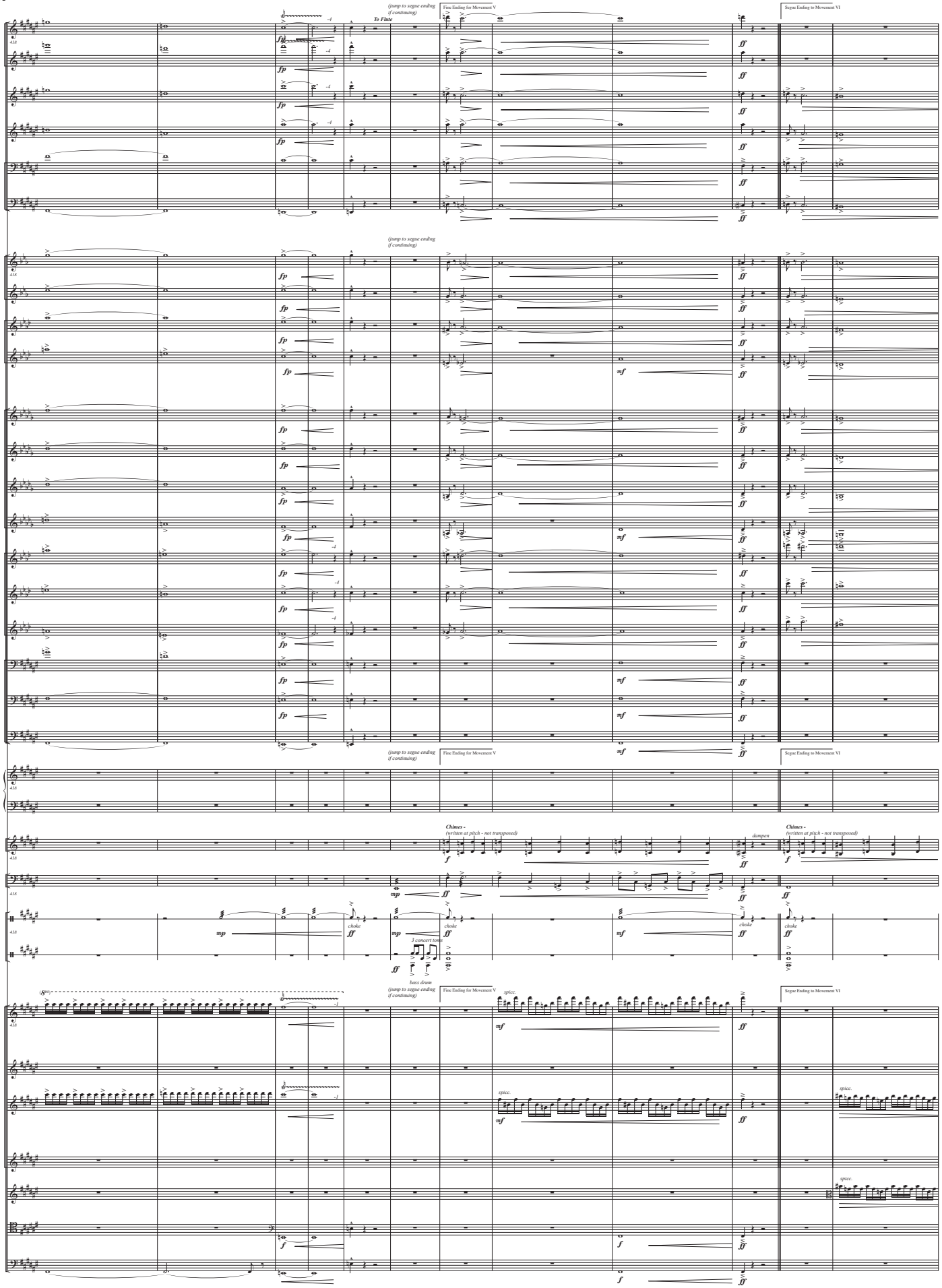

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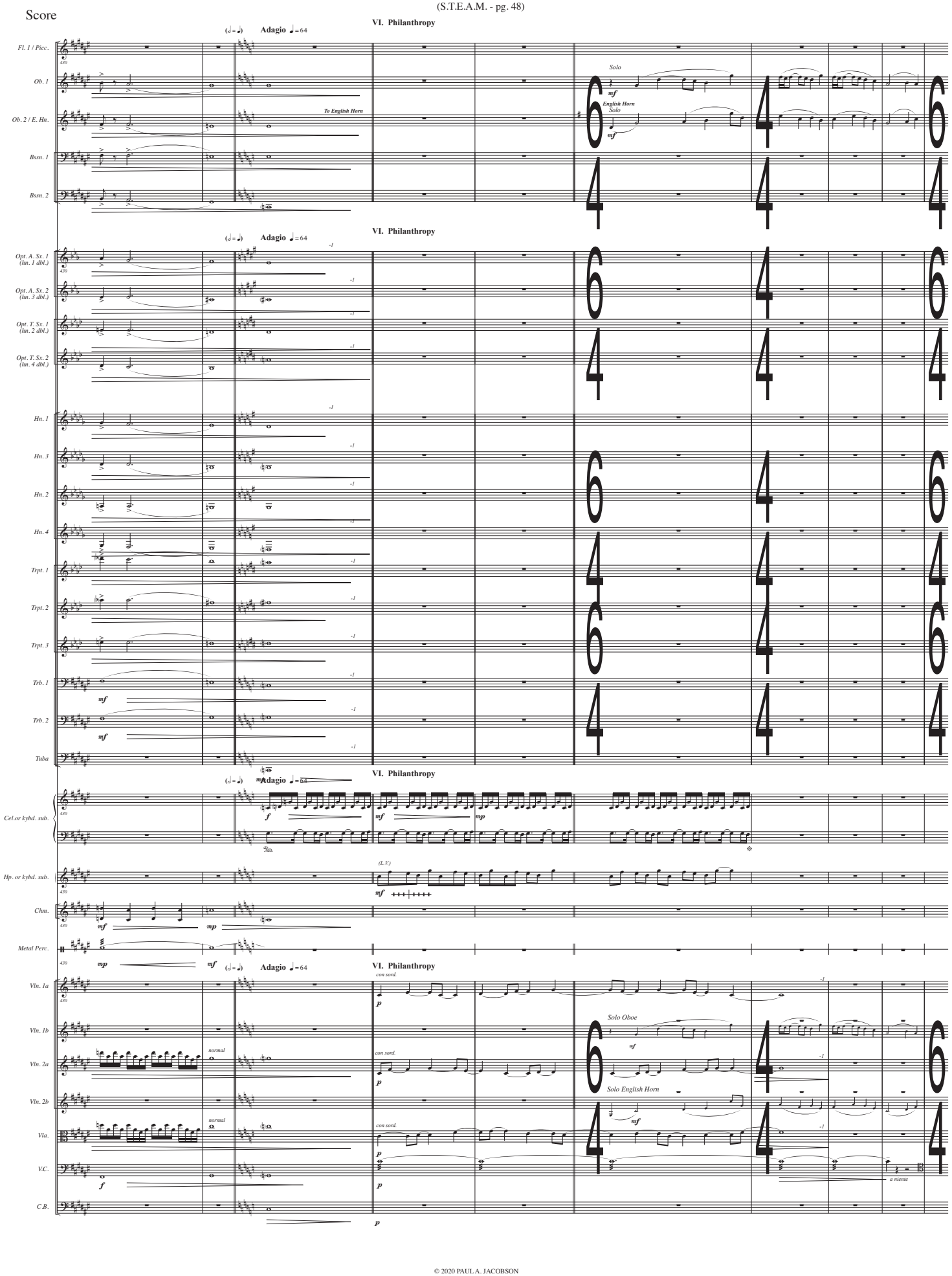

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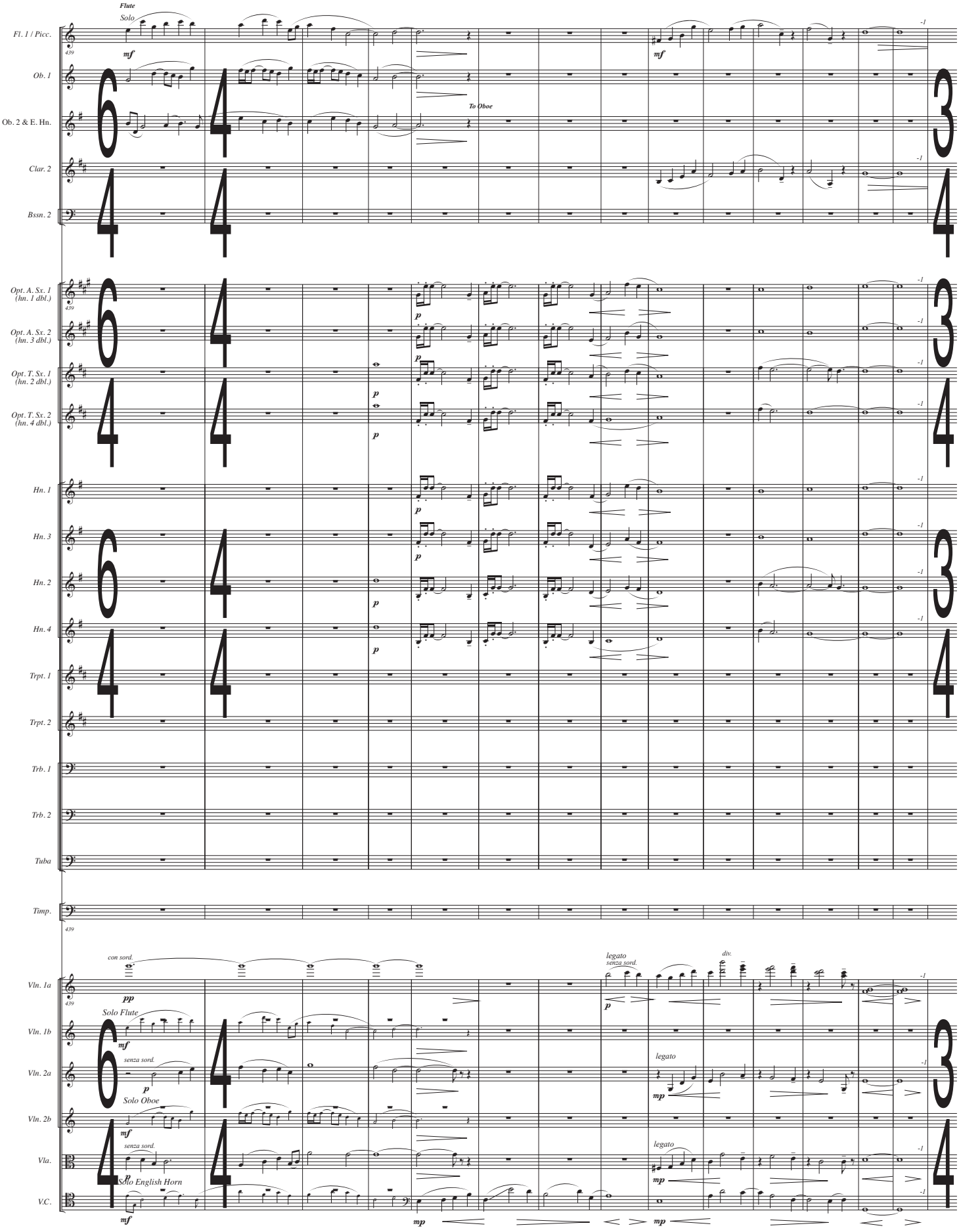

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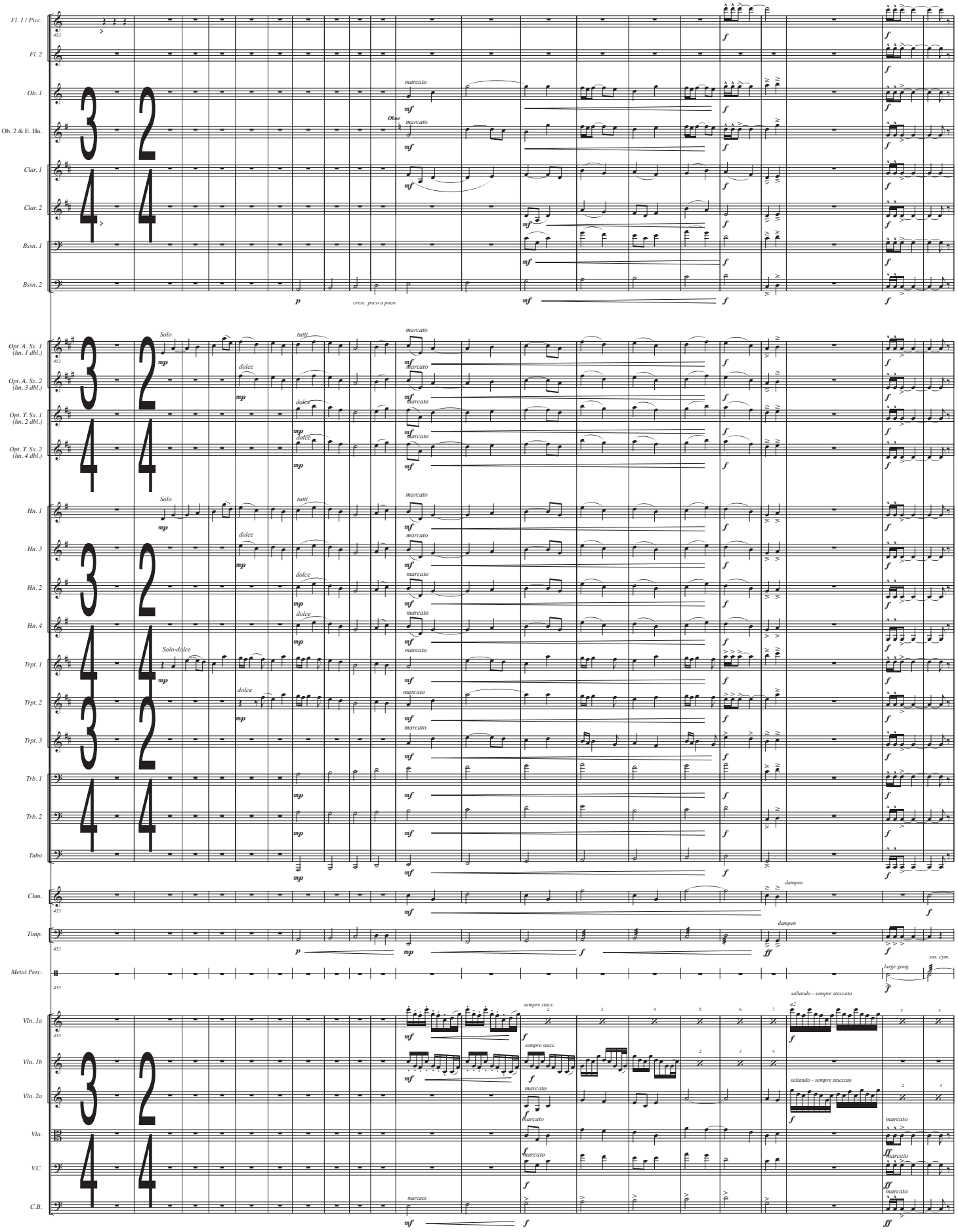

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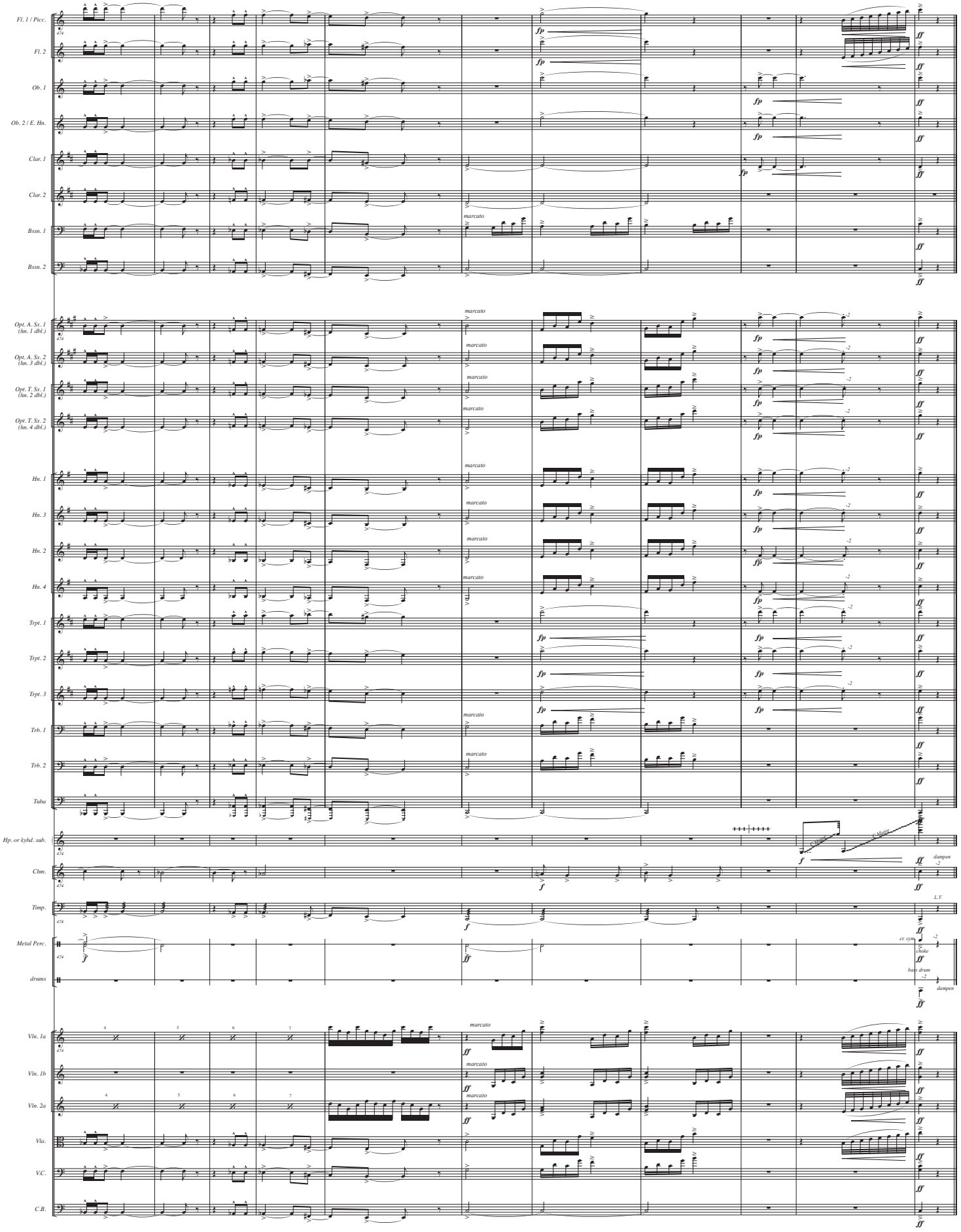

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