SAM ANNAND

FOR THE

MACROTONAL ENSEMBLE

GOLDEN HOUR

CONDUCTOR'S SCORE

2026





INSTRUMENTATION

Clarinets	Clar Lead 1, Clar Lead 2, Clar Lead 3, Clarinet 1, Clarinet 2, Bass Clar 1, Bass Clar 2
Saxophone Hocket	Bar. Sax. 1, Bar. Sax. 2, Bar. Sax. 3, Bar. Sax. 4
Saxophone Arpeggios	Soprano Saxophone
Harps	Harp 1, Harp 2
Strings	Violin 1, Violin 2, Violin 3, Violin 4, Viola 1, Viola 2, Viola 3, Cello 1, Cello 2, Cello 3, Cello 4, Low Cello 1, Low Cello 2

TUNING AND COLOUR

The music is written in the macrotonal system: 125 cents to a degree, twelve degrees to a 1500-cent cycle. Each notehead's colour gives its tuning against the written note:

Red	*no adjustment*	Yellow	*+25 cents*
Blue	*−25 cents*	Green	*−50 cents*

HARP TUNING

The harp part is engraved in black, so its tuning is set in the strings: pedals stay as below throughout, and each string listed is retuned before playing and keeps that tuning for the whole piece (octaves as in the score: middle C = C4).

Pedals D♮ C♮ B♮ | E♮ F♯ G♮ A♮

A2 D3 G3 C4	*no adjustment*
F♯4 B4	*+25 cents*
F♯3 B3 E4 A4	*−25 cents*

READING THIS SCORE

- Transposed score: clarinets and saxophones are shown at written pitch.
- An instrument's staff appears only where it plays; the opening system shows the full ensemble.
- Every bar is numbered; boxed numbers are rehearsal marks.
- 95 bpm · 4/4 · 191 bars · duration c. 8 minutes

PROGRAMME NOTE

Golden Hour begins from a place of familiarity: an A minor seventh chord derived from the foundational structure of the tuning system itself, where each harmonic "colour" is built from stacked fourths. From this almost just intonational opening, the piece gradually introduces more unfamiliar intervallic relationships as the clarinets emerge, allowing rhythmic beating and subtle microtonal interference patterns to slowly bloom inside the harmony. The music is intended to unfold organically, like a flower opening or a fern uncurling, moving from something stable and recognisable into increasingly intricate textures and shapes.
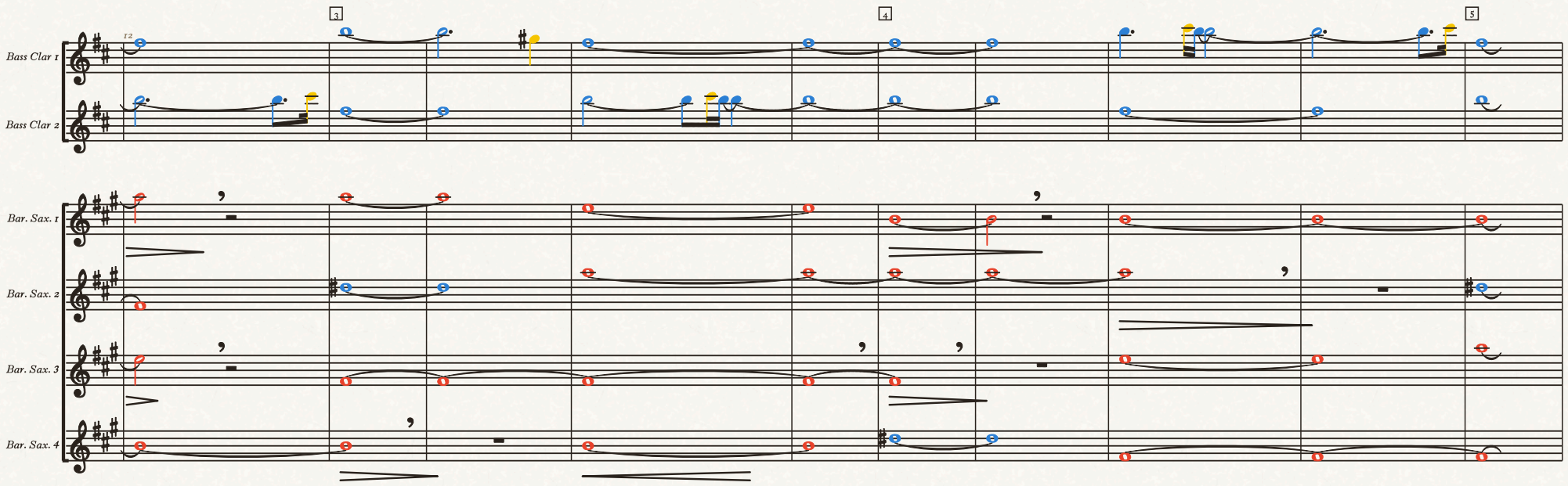
The sonic world of the piece is closely tied to the atmosphere of early to late spring: the glowing green of overcast days, newly formed leaves, and the imagined interior colour of tulips. A central gesture is the saxophone hocket, where sustained tones are passed continuously between performers in a circular motion, allowing the physical limitations of breath itself to shape the rhythm and phrasing. Rather than concealing the mechanics of performance, the work embraces them, creating a cooperative pulse that hovers around a slow, breathing momentum.

The string writing draws inspiration from *Within You Without You* by The Beatles, particularly its layered doubling and raga-influenced modal character. In Golden Hour, these influences become refracted through the macrotonal tuning system before gradually giving way to a more rhythmic, folk-like closing section featuring harp, saxophone arpeggios, and future vocal overdubs intended to imitate blackbirds moving through trees and bushes at dusk.

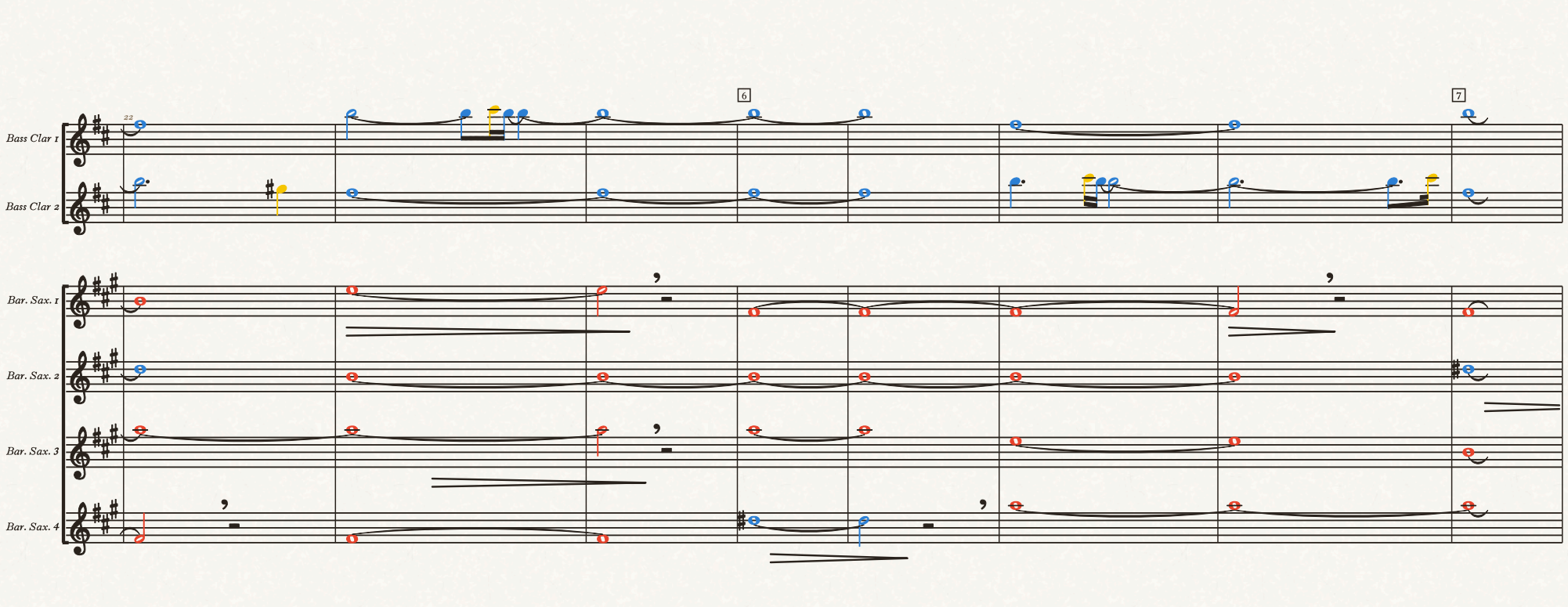
Beneath this final section is a slight melancholic lilt within the tuning itself, reflecting the impermanence at the end of spring: daffodils losing their heads, blossom falling from the trees, and bluebells beginning to wither as that brief luminous season slowly disappears for another year.
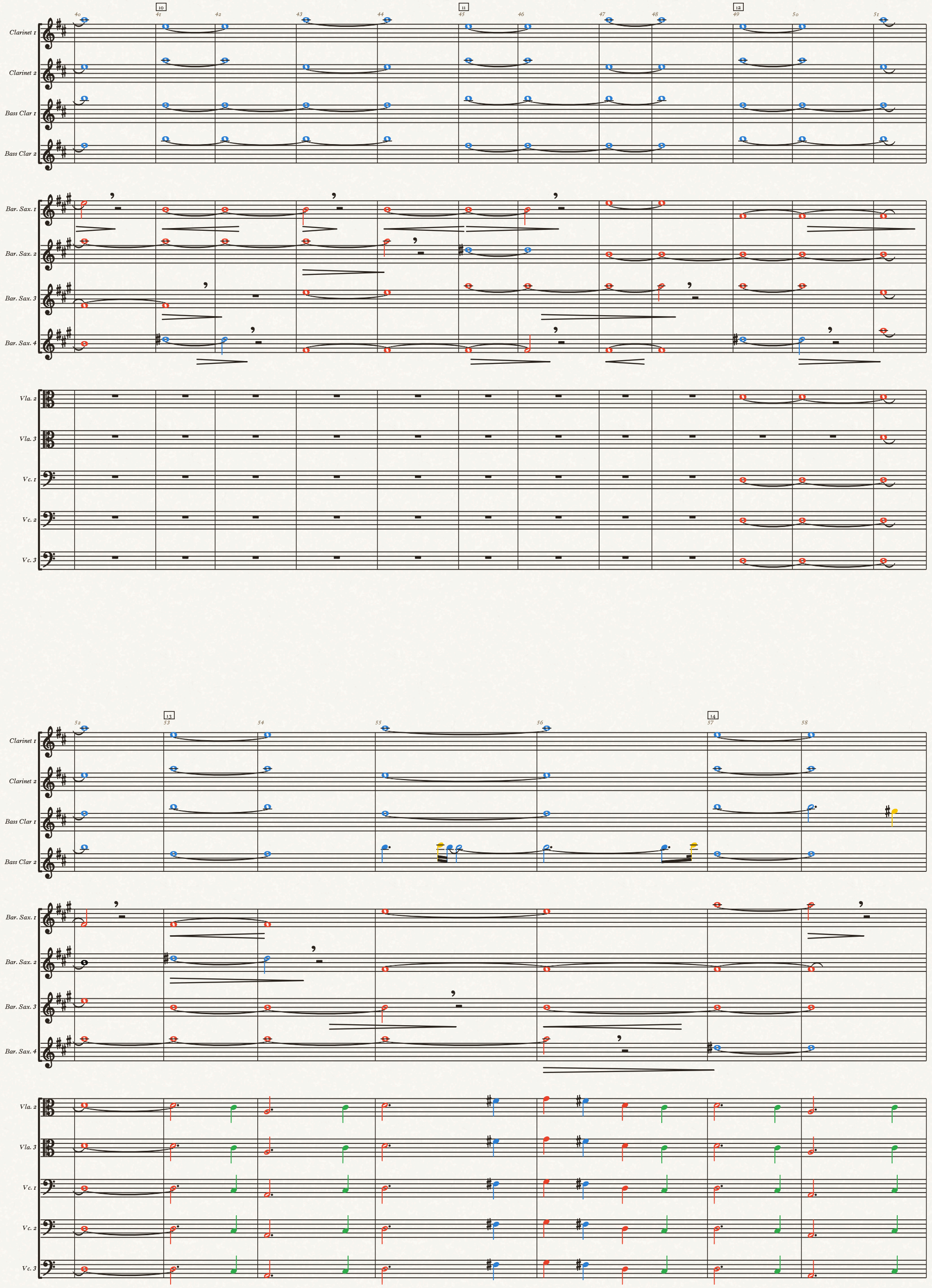
Sam Annand
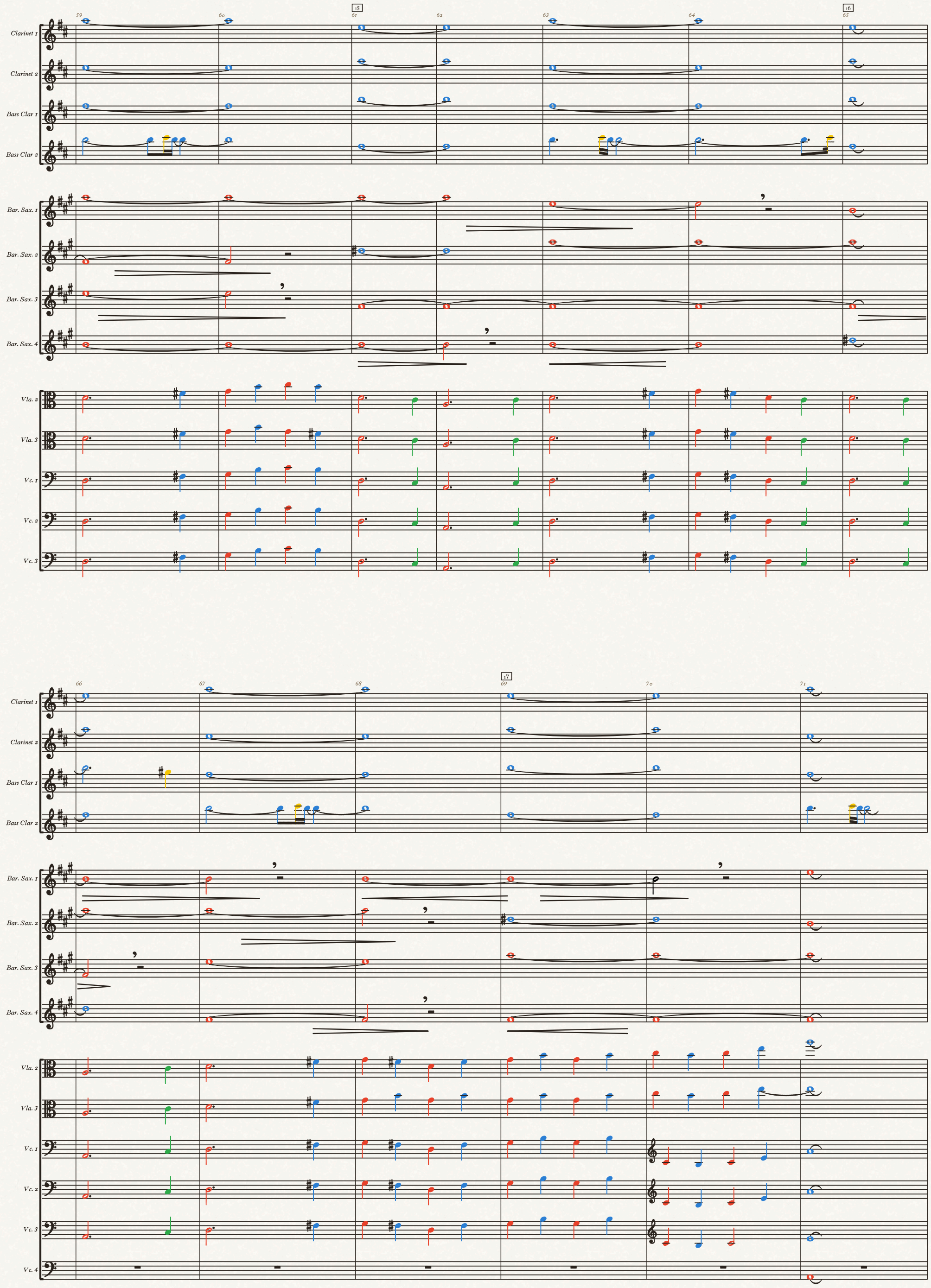
Clar Lead 1
Clar Lead 2
Clar Lead 3
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2

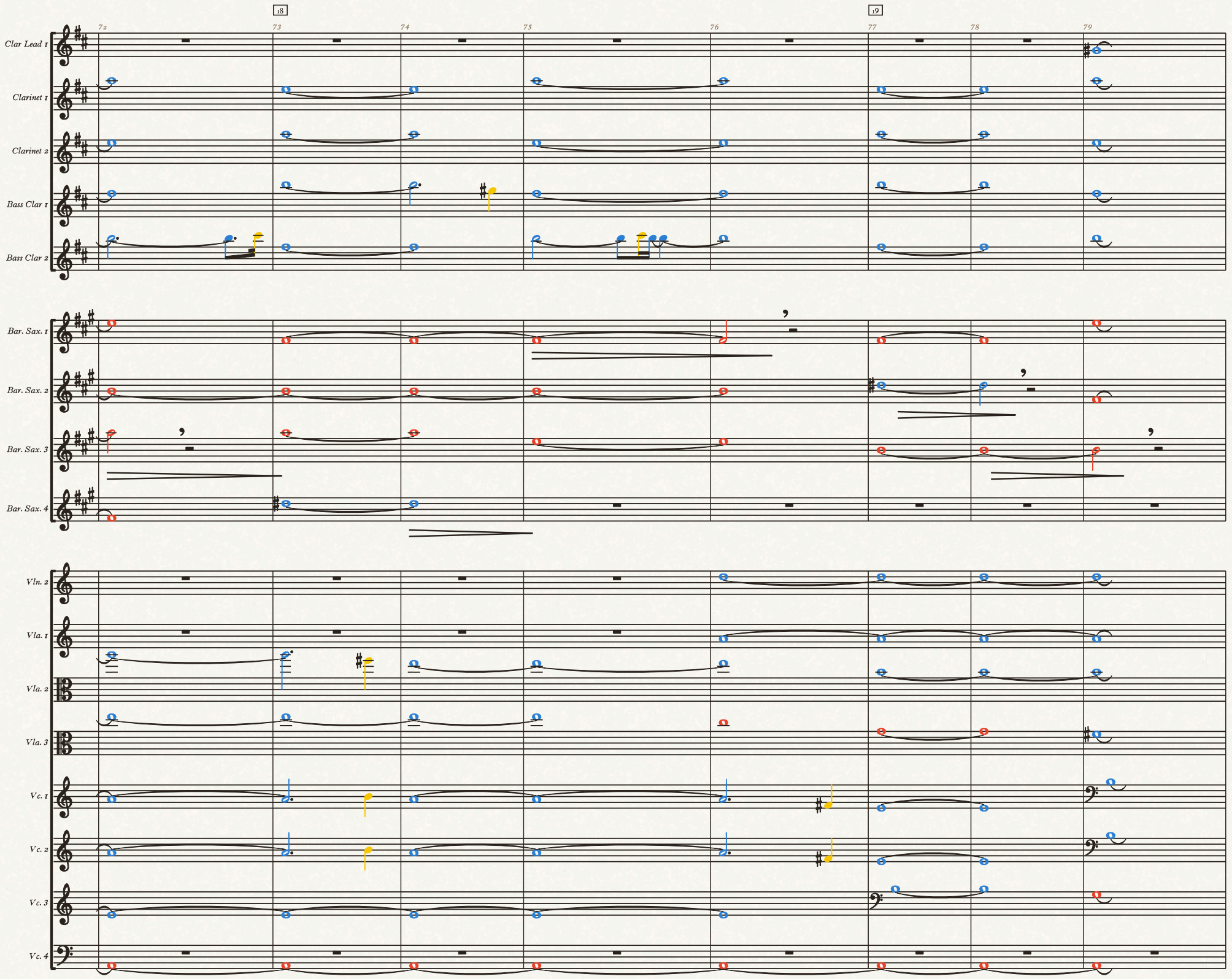

Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
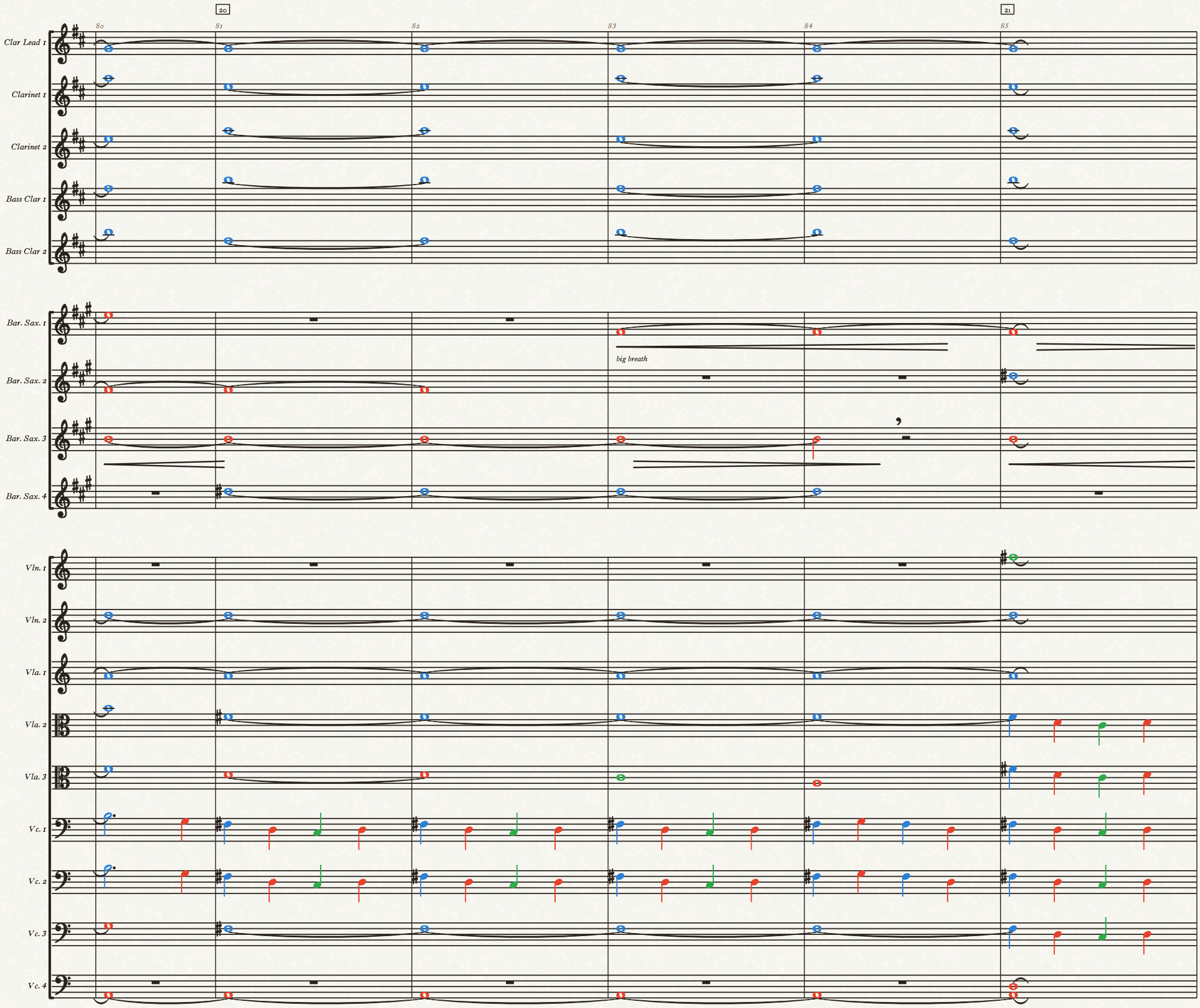
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
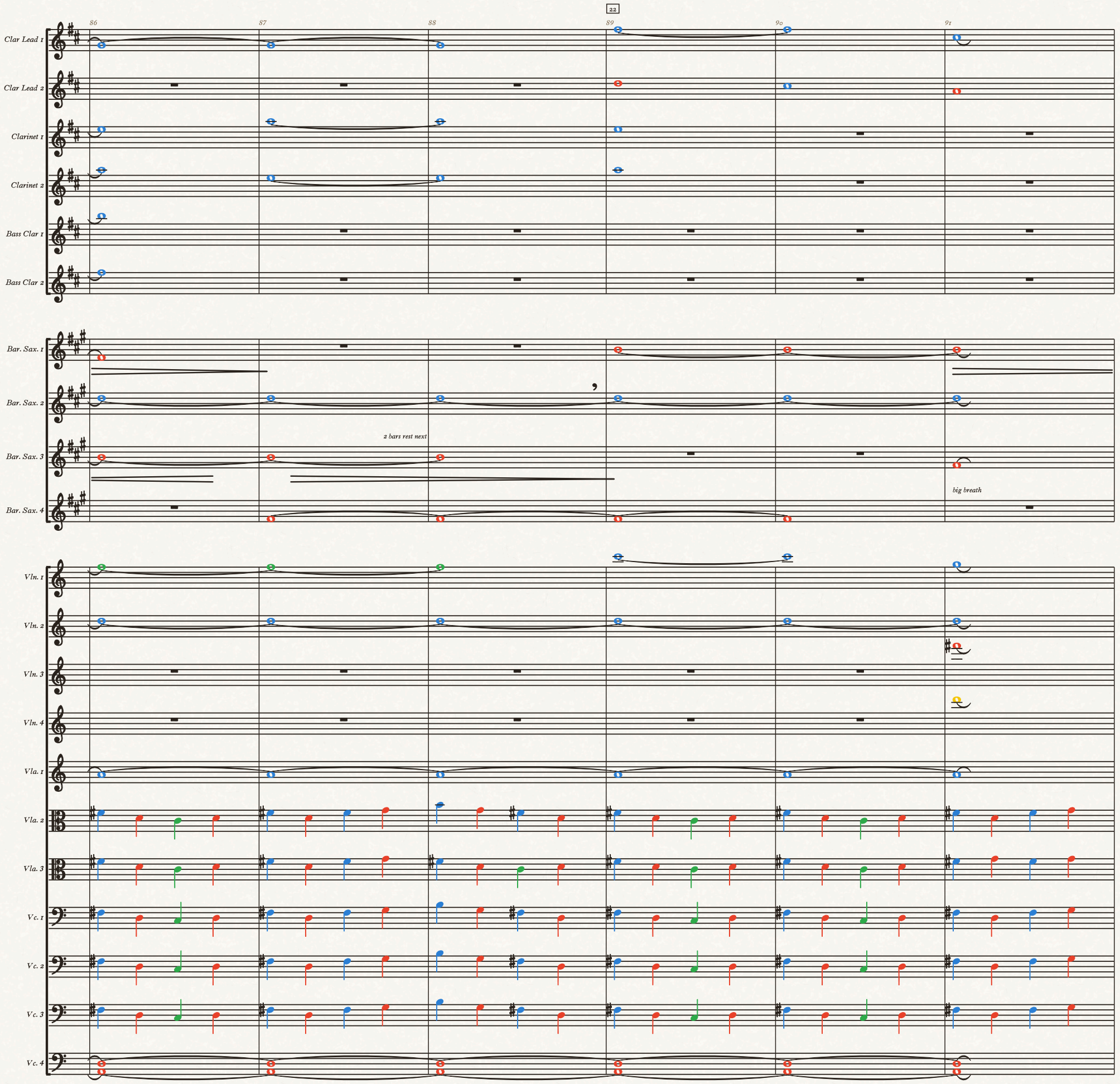

Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4

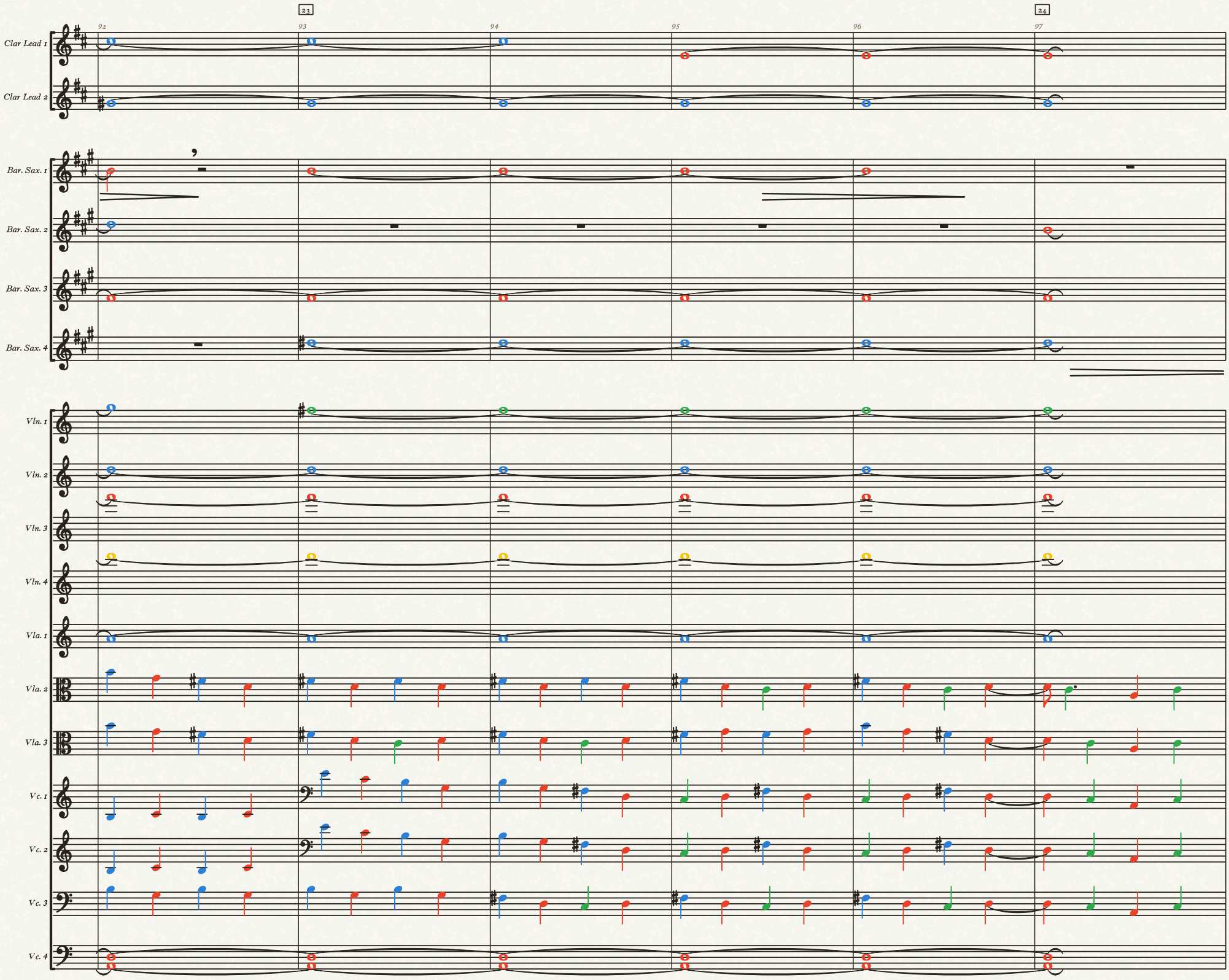

10
11
12
13
14
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3

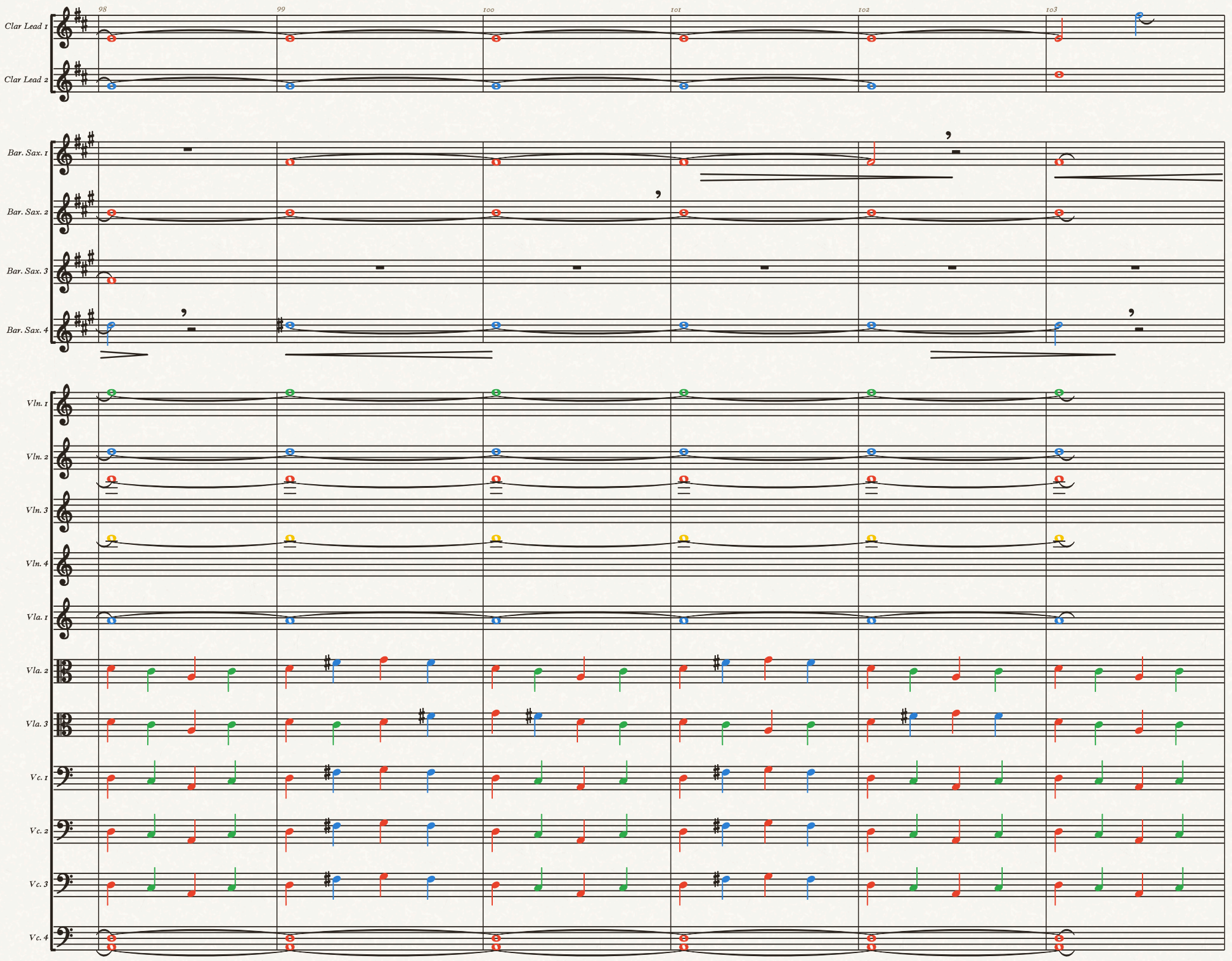

15
16
59
60
61
62
63
64
65
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
17
66
67
68
69
70
71
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
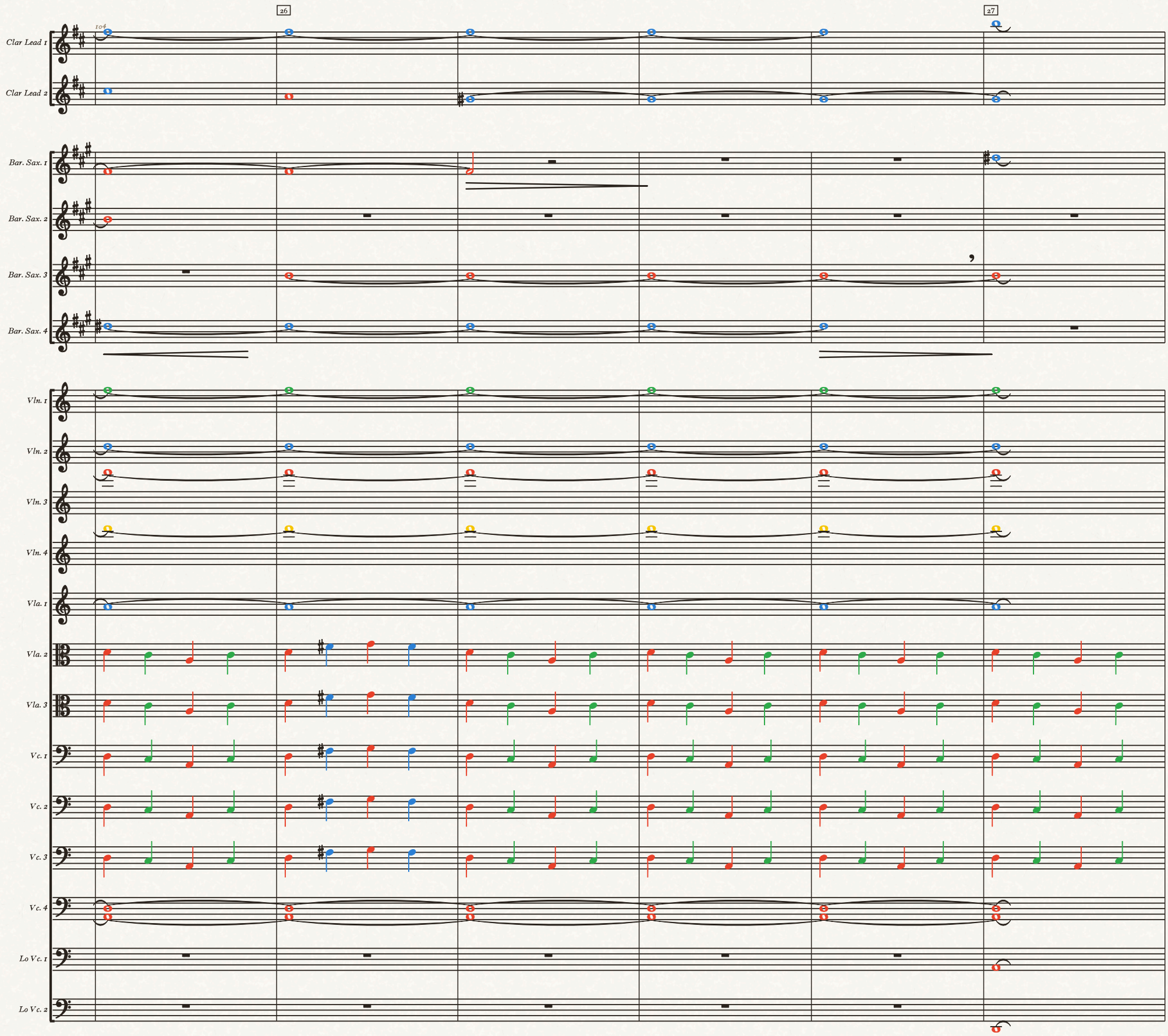

18
19
72
73
74
75
76
77
78
79
Clar Lead 1
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vln. 2
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
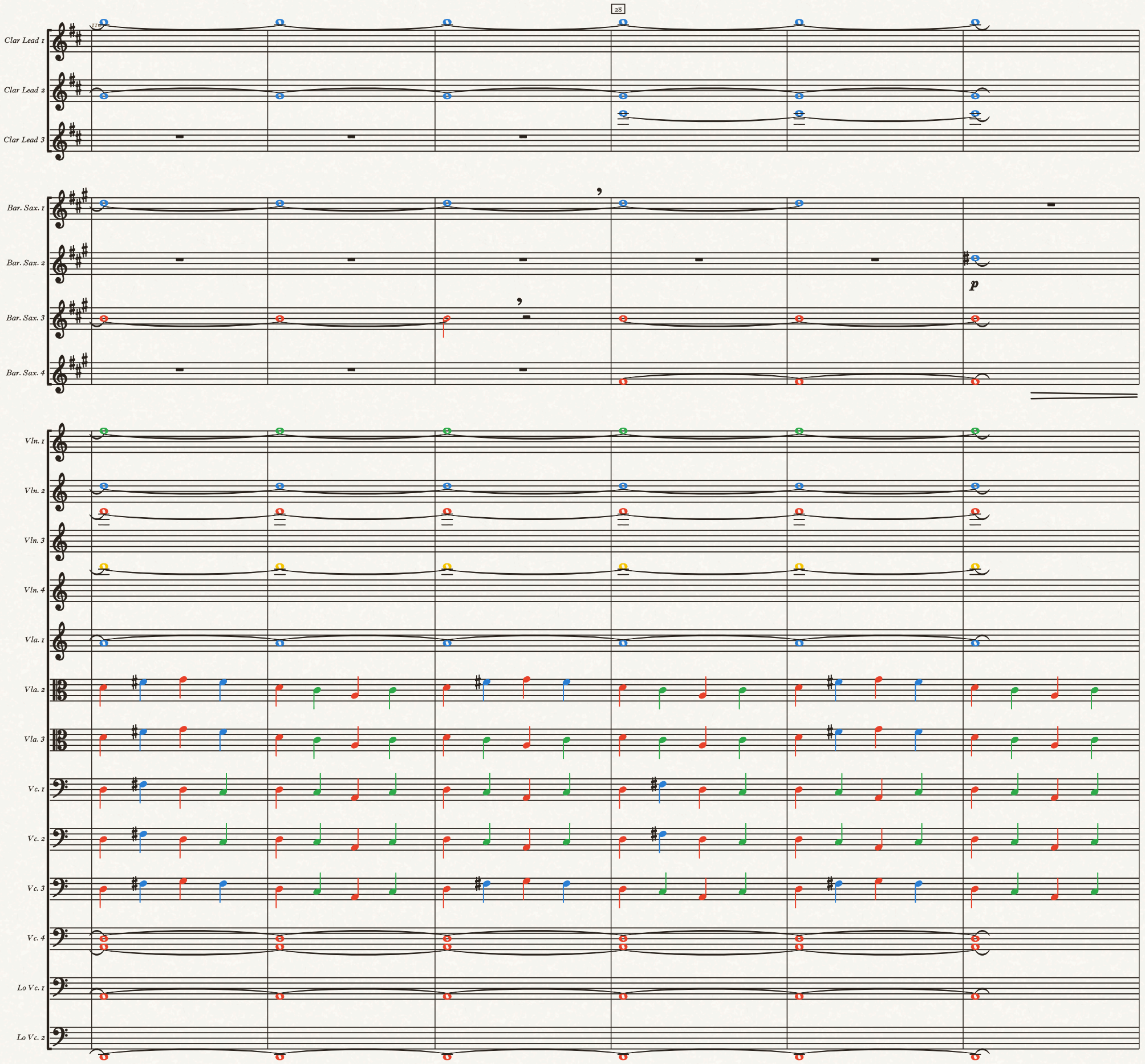

20
21
80
81
82
83
84
85
Clar Lead 1
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
big breath
Vln. 1
Vln. 2
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
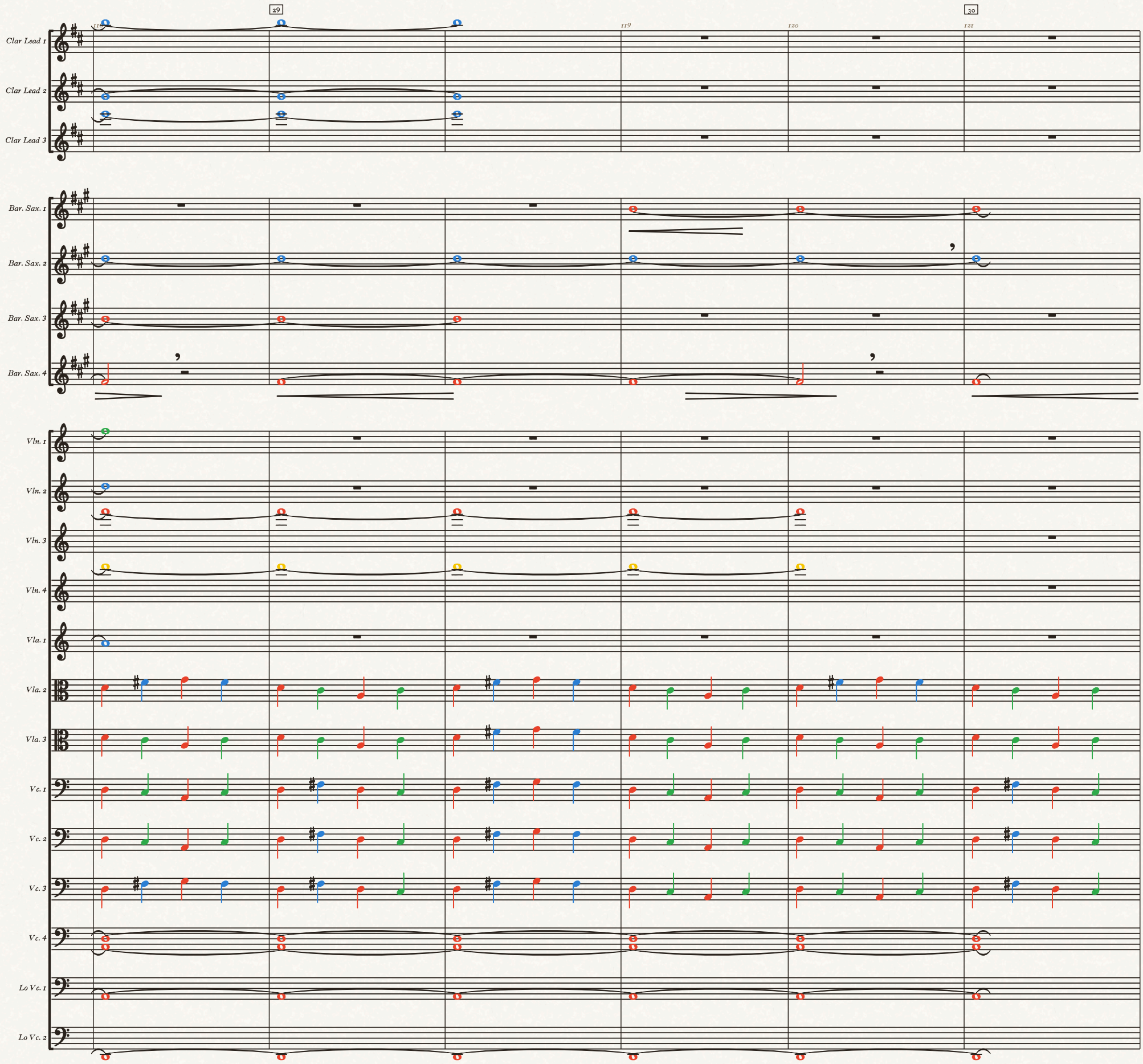

22
86
87
88
89
90
91
Clar Lead 1
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
2 bars rest next
big breath
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4


23
24
92
93
94
95
96
97
Clar Lead 1
Clar Lead 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4


98
99
100
101
102
103
Clar Lead 1
Clar Lead 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4


26
27
Clar Lead 1
Clar Lead 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2


28
Clar Lead 1
Clar Lead 2
Clar Lead 3
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
p
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2


29
30
118
119
120
121
Clar Lead 1
Clar Lead 2
Clar Lead 3
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vln. 1
Vln. 2
Vln. 3
Vln. 4
Vla. 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2

31

122 123 124 125 126 127

Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2

32 33

128 129 130 131 132 133

Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2

poco a poco sul pont

34

134 135 136 137 138 139
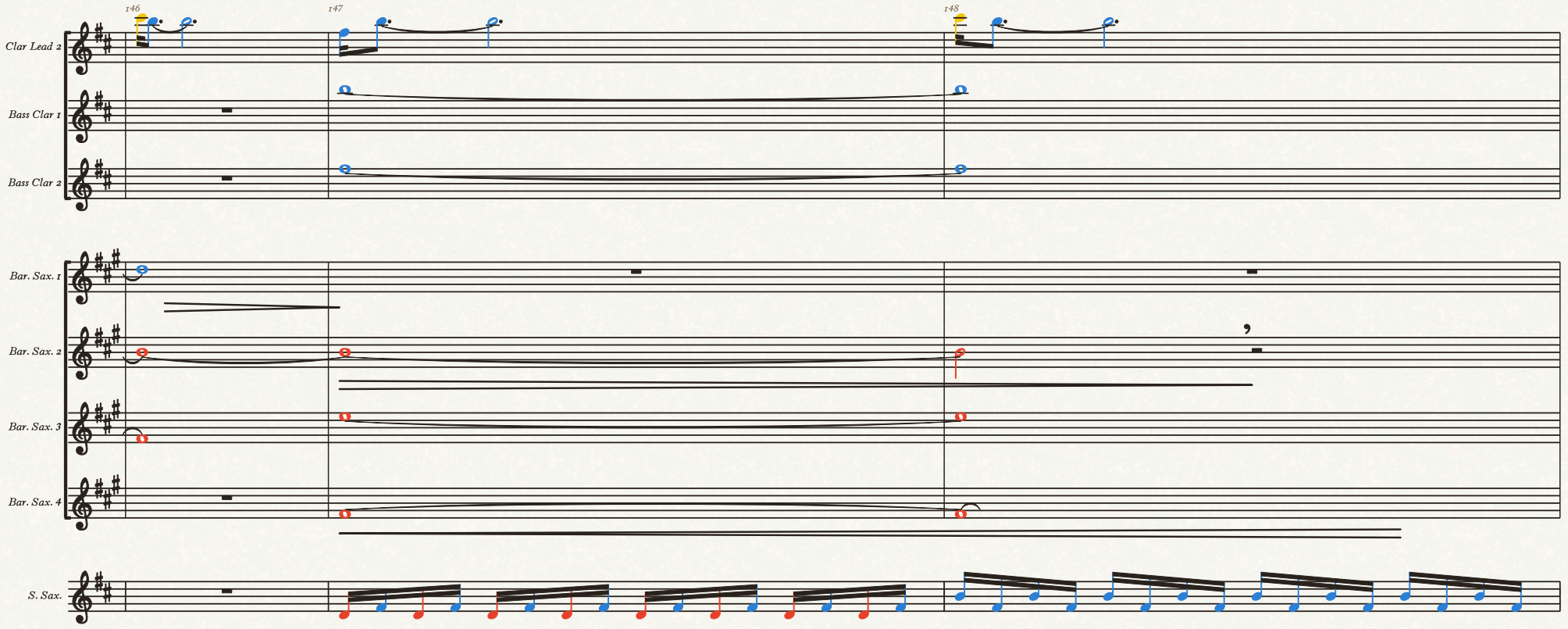
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2

35 36

140 141 142

Clar Lead 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Vc. 4
Lo Vc. 1
Lo Vc. 2

sul pont
sul pont


146
147
148
Clar Lead 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Vc. 1
Vc. 4
Lo Vc. 1
Lo Vc. 2
37
149
Clar Lead 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Vc. 1
Lo Vc. 1
Lo Vc. 2

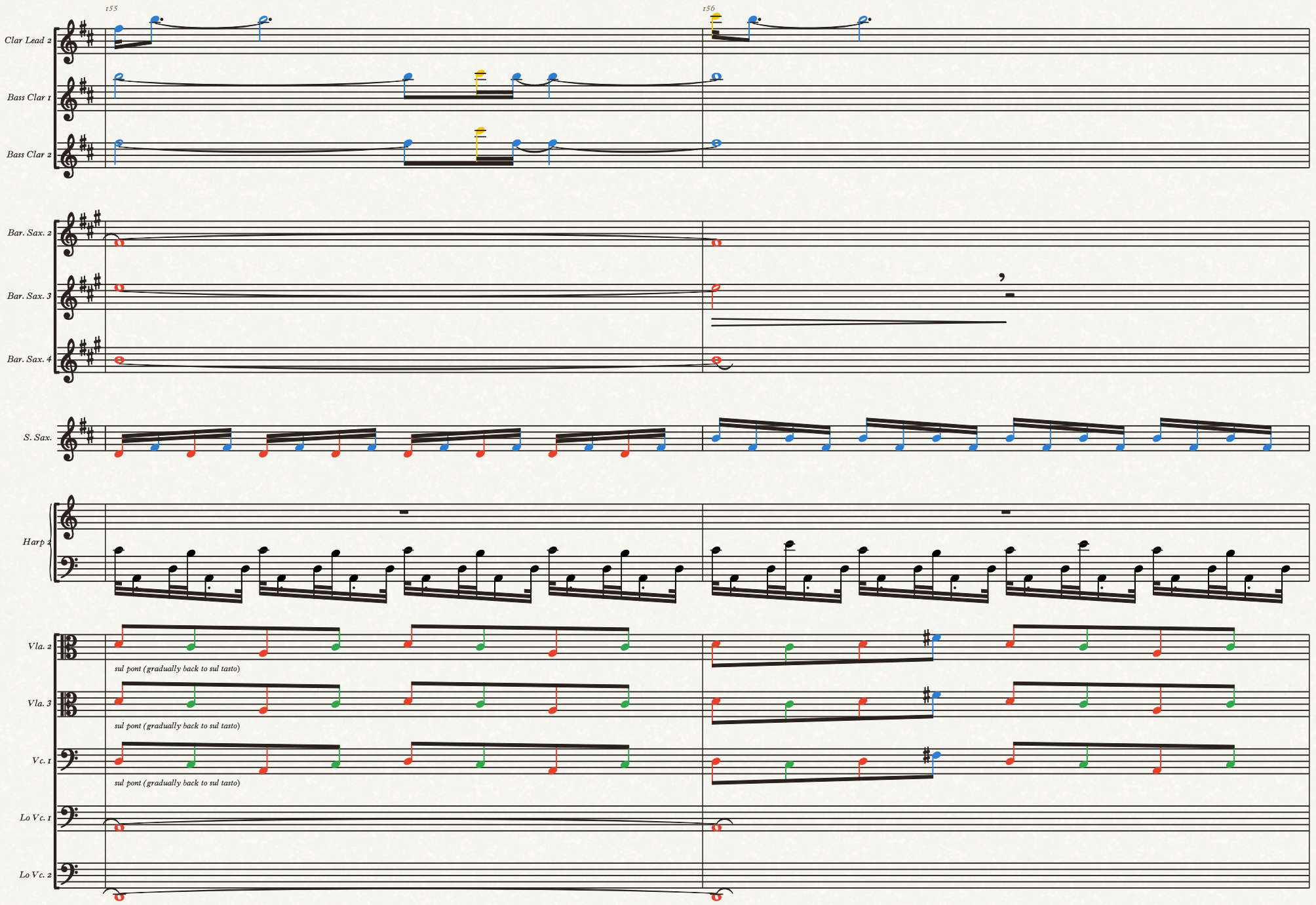
151 152

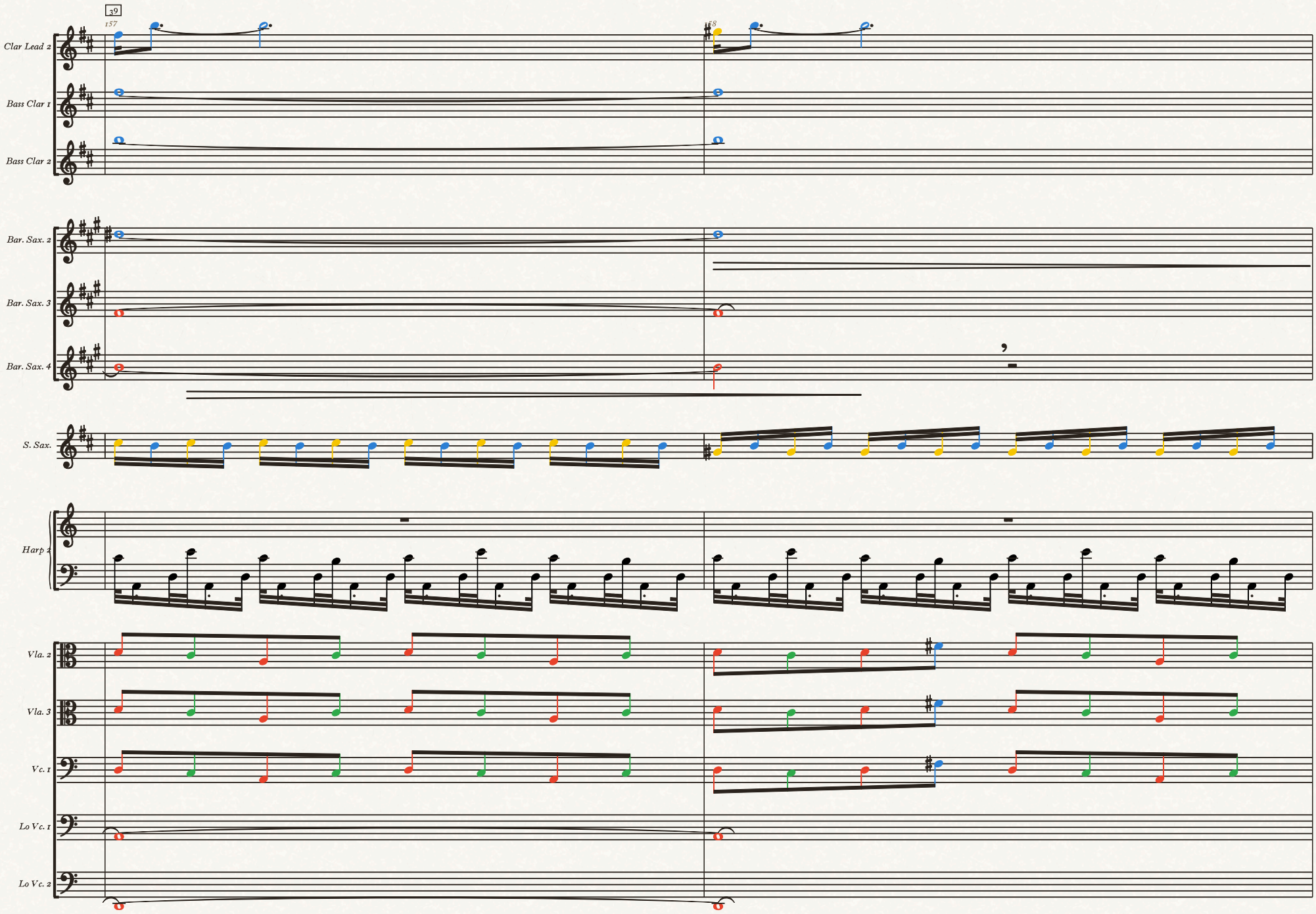
Clar Lead 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 2
Vc. 1
Lo Vc. 1
Lo Vc. 2

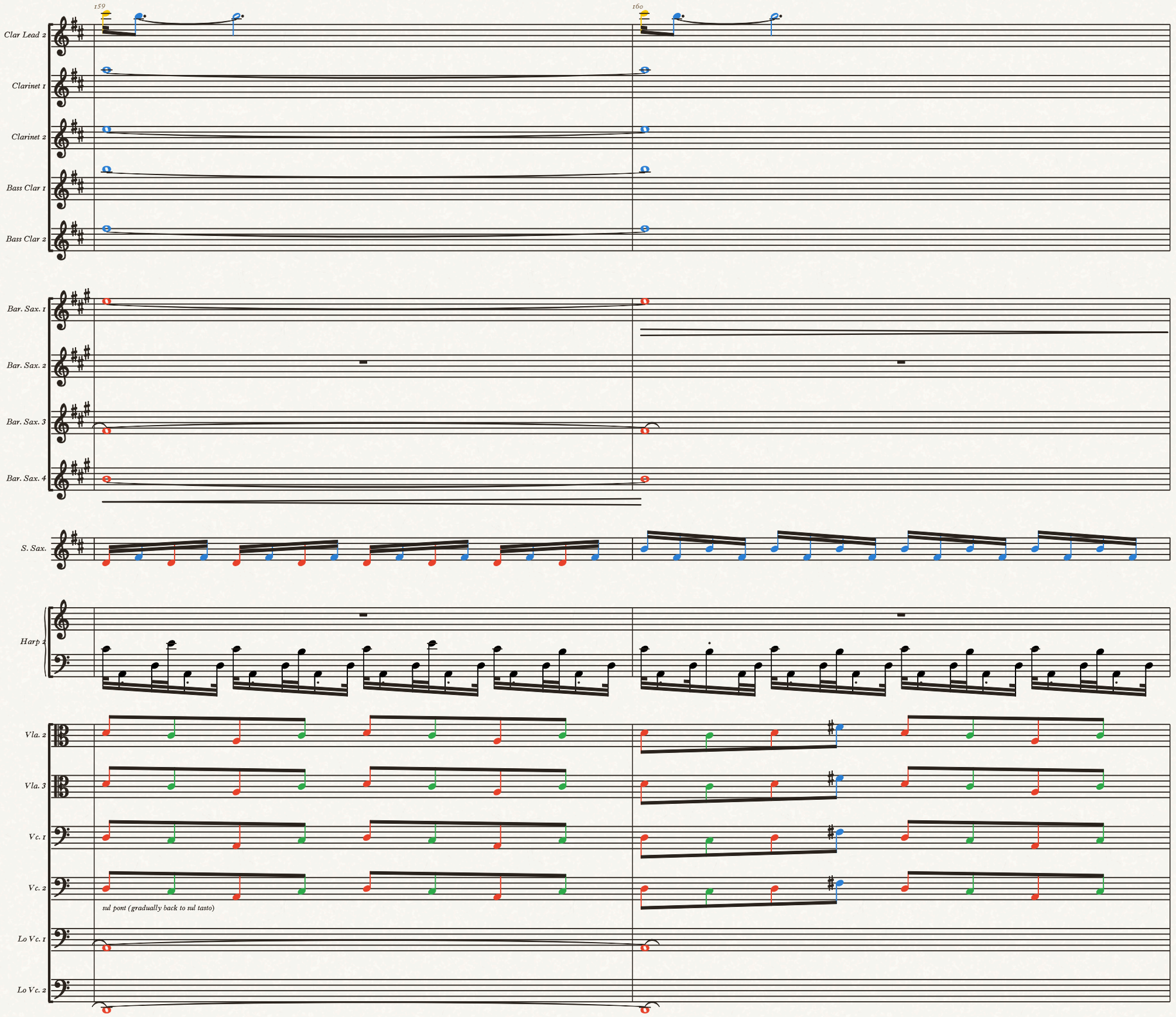
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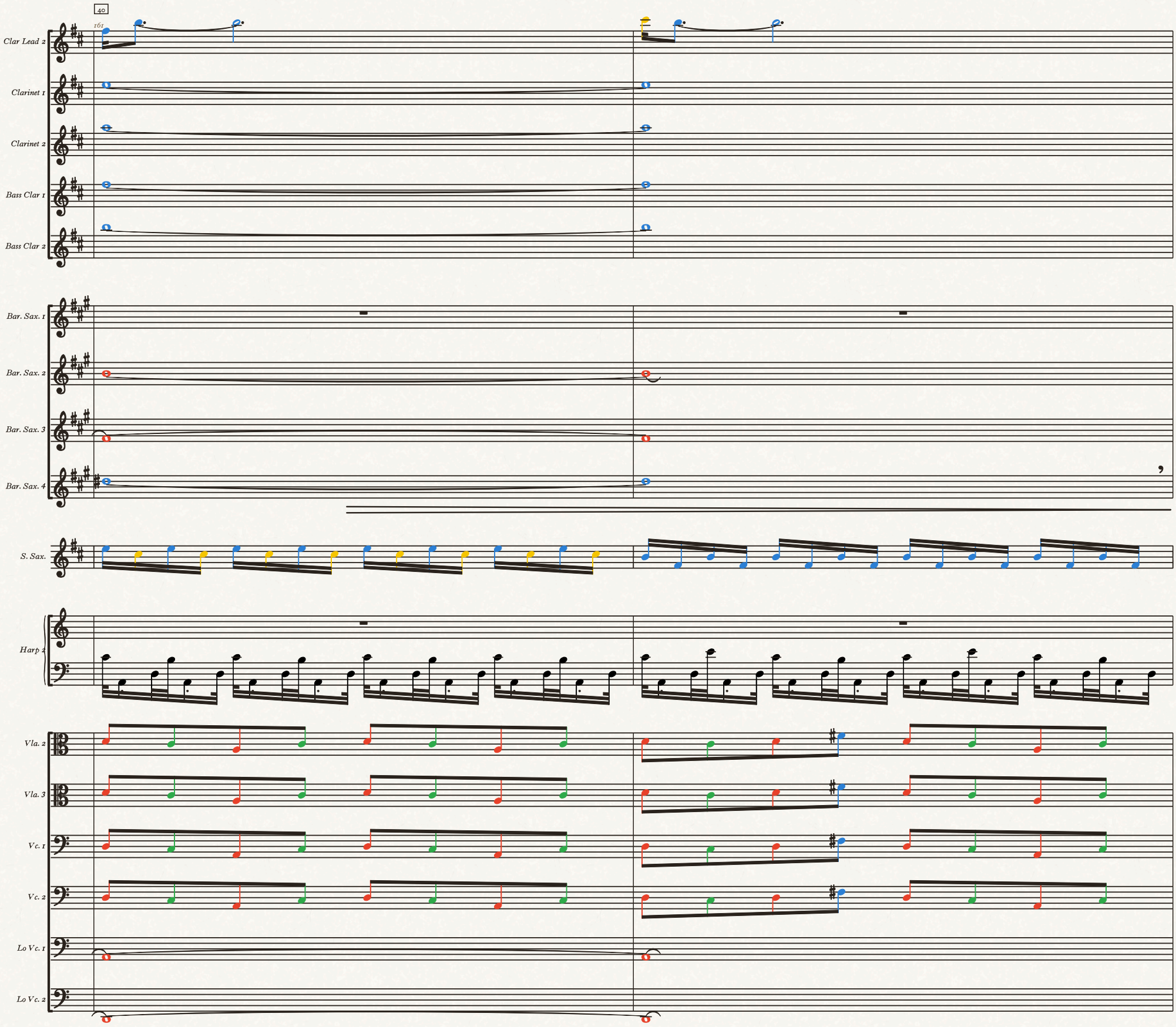
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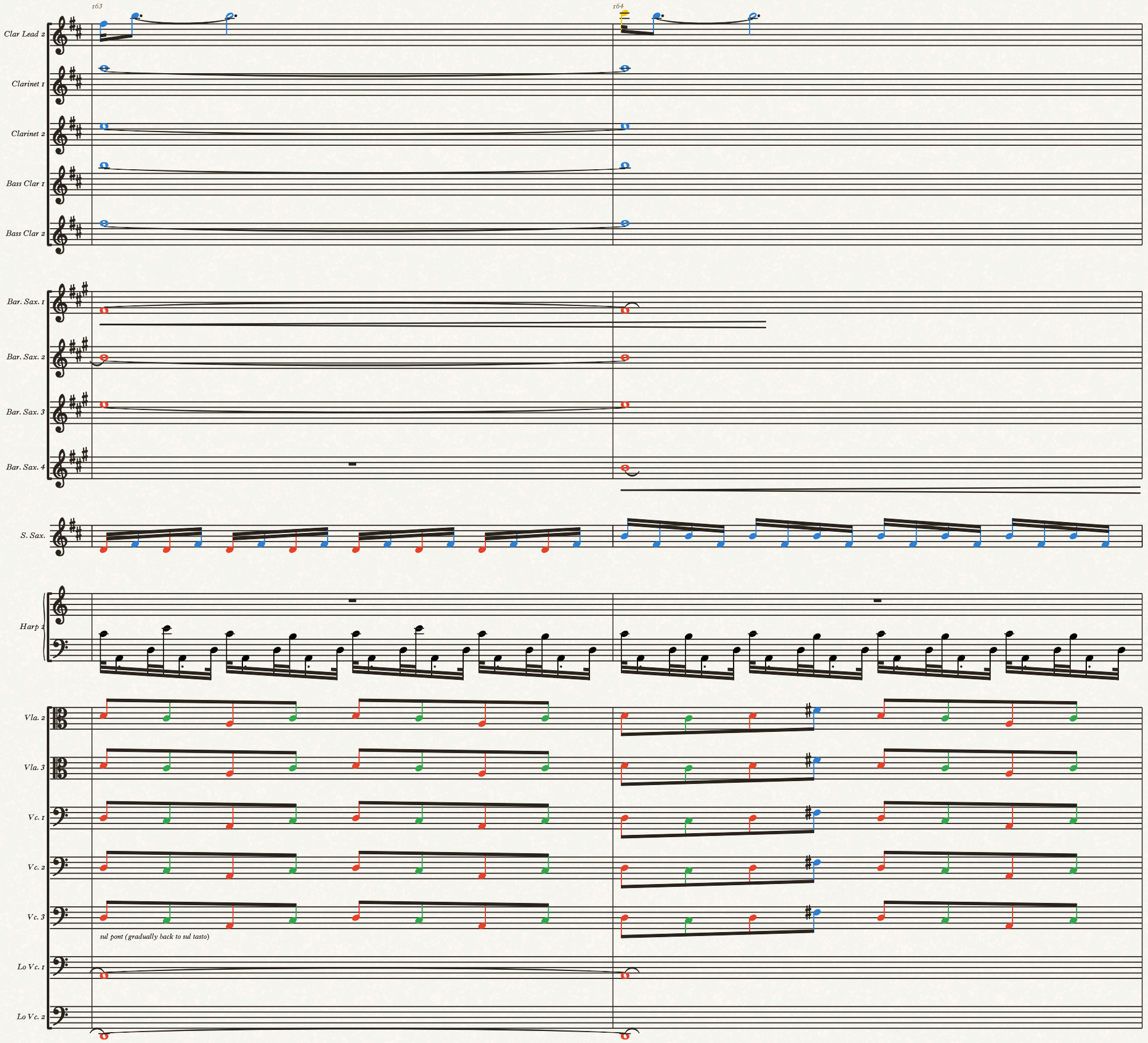
Clar Lead 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 2
Vc. 1
Lo Vc. 1
Lo Vc. 2

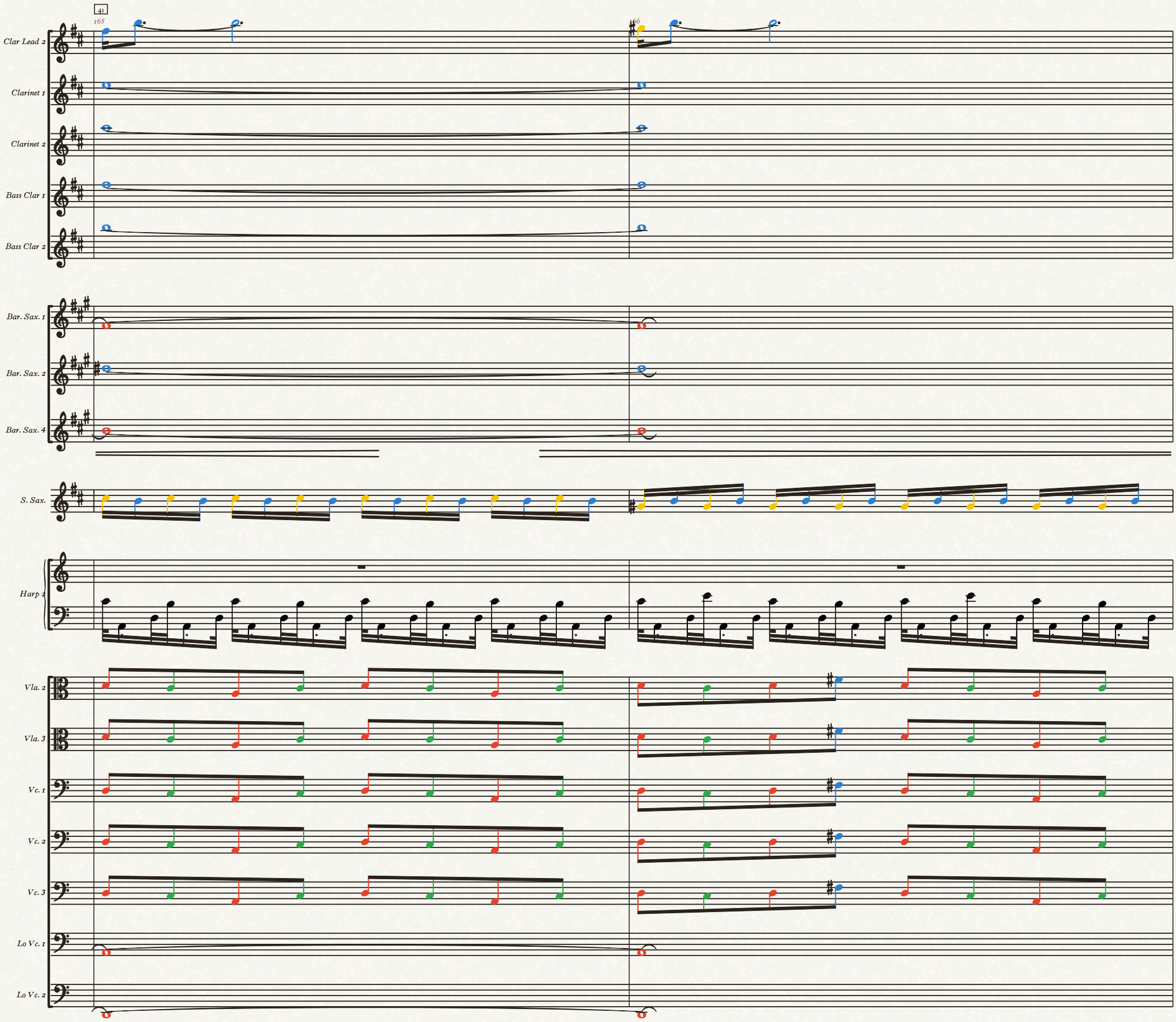

155
156
Clar Lead 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 2
Vla. 2
sul pont (gradually back to sul tasto)
Vla. 3
sul pont (gradually back to sul tasto)
Vc. 1
sul pont (gradually back to sul tasto)
Lo Vc. 1
Lo Vc. 2
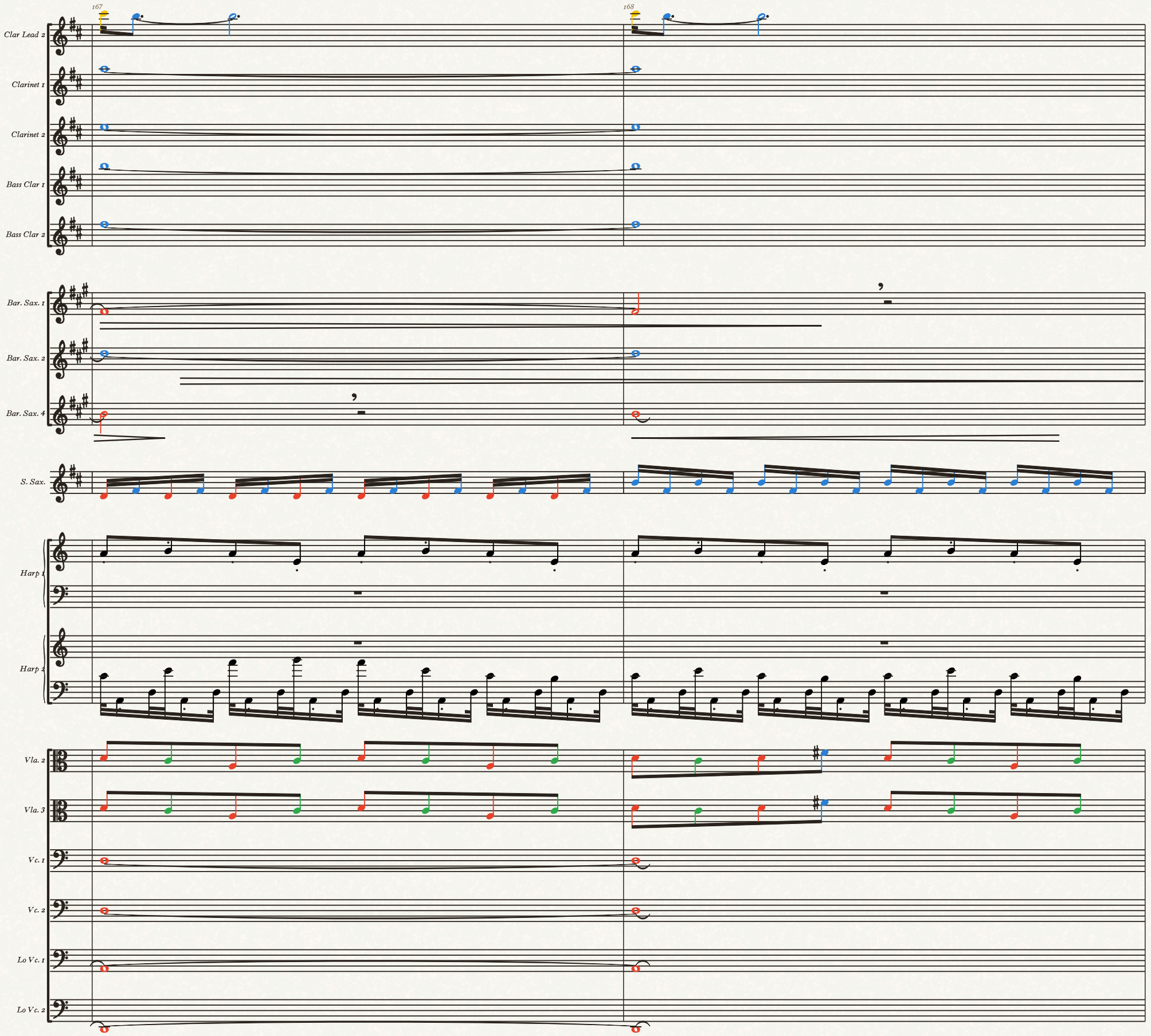

39
157
158
Clar Lead 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 2
Vla. 2
Vla. 3
Vc. 1
Lo Vc. 1
Lo Vc. 2
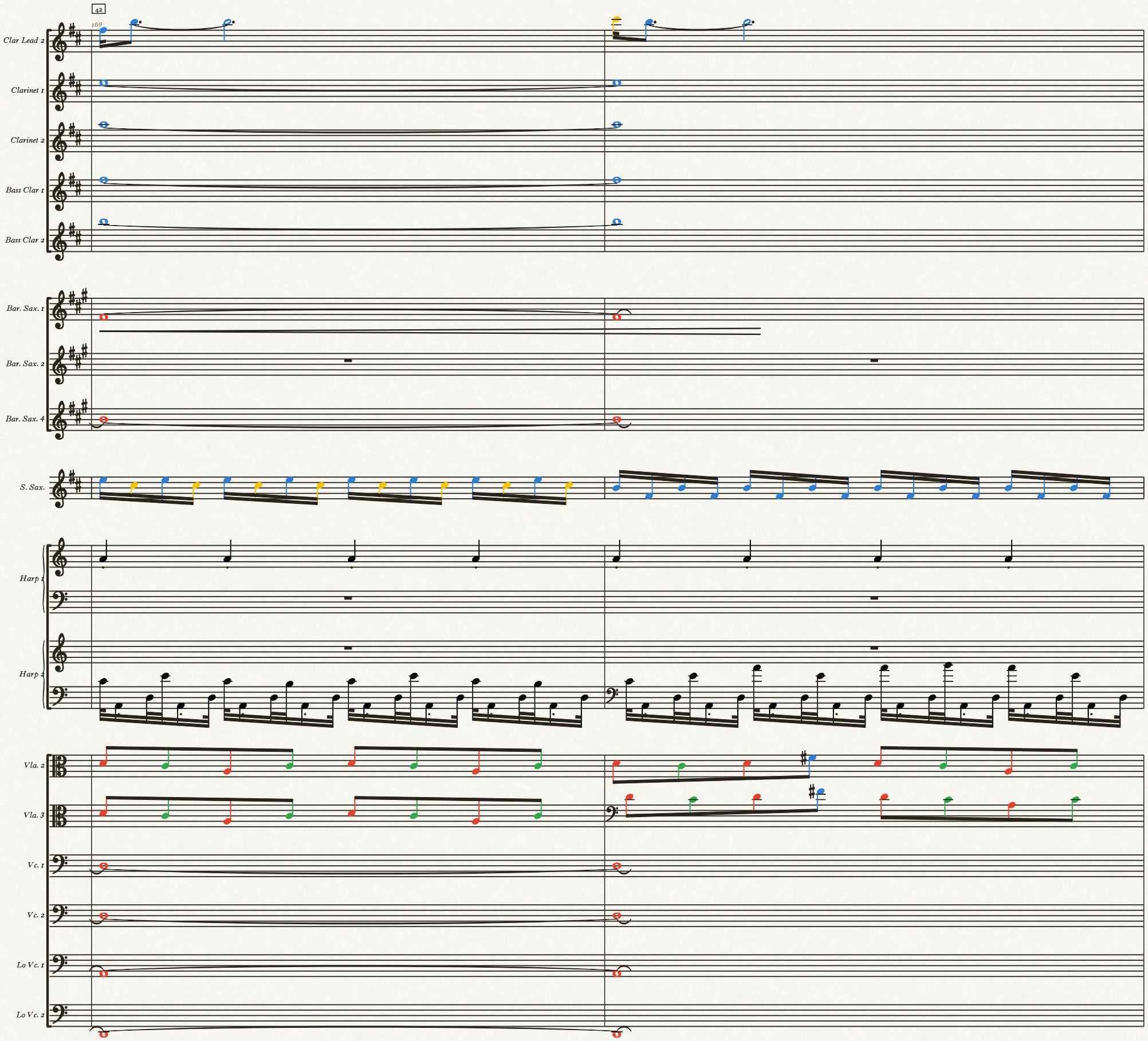

159
160
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
sul pont (gradually back to sul tasto)
Lo Vc. 1
Lo Vc. 2
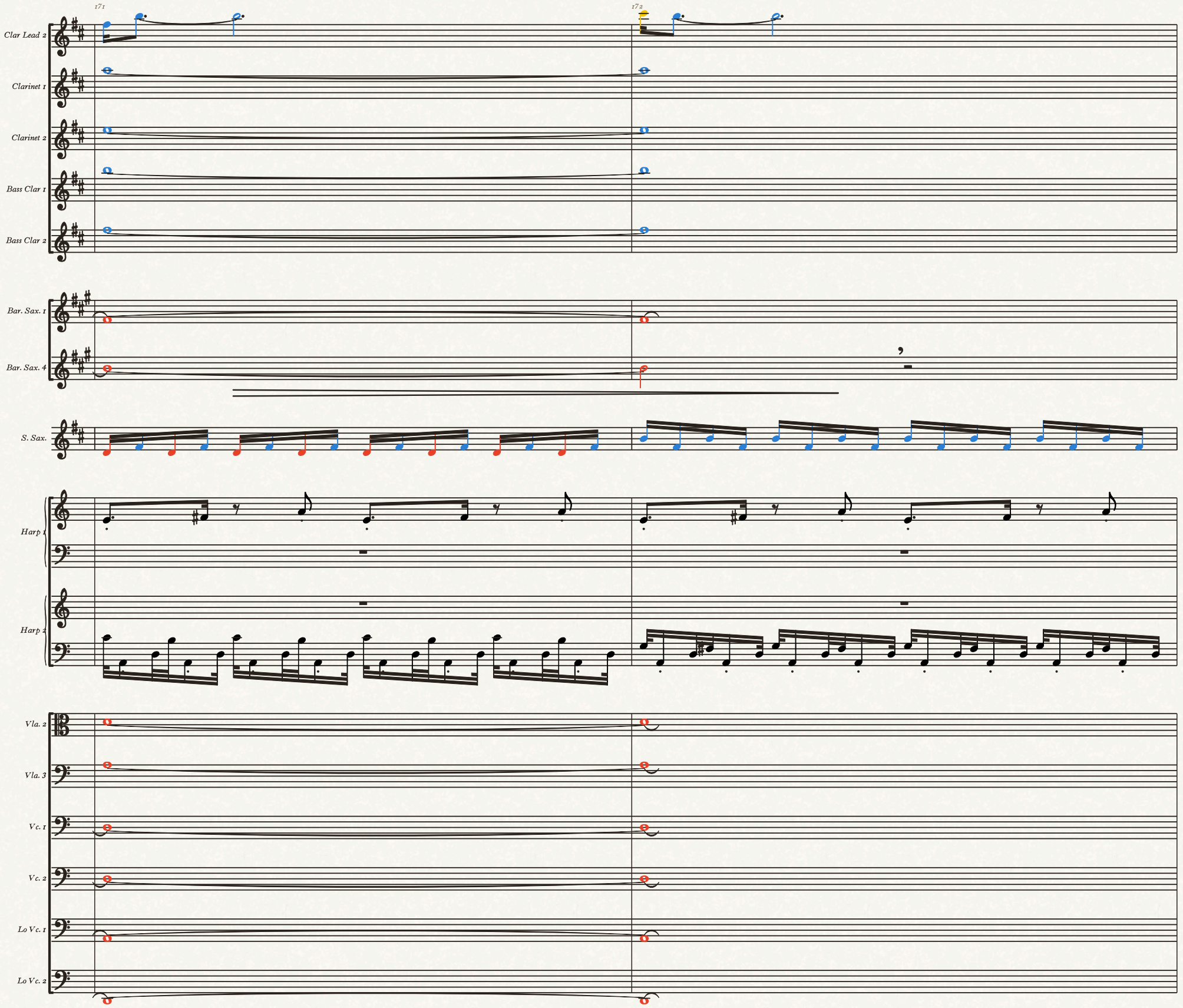

40
161
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2
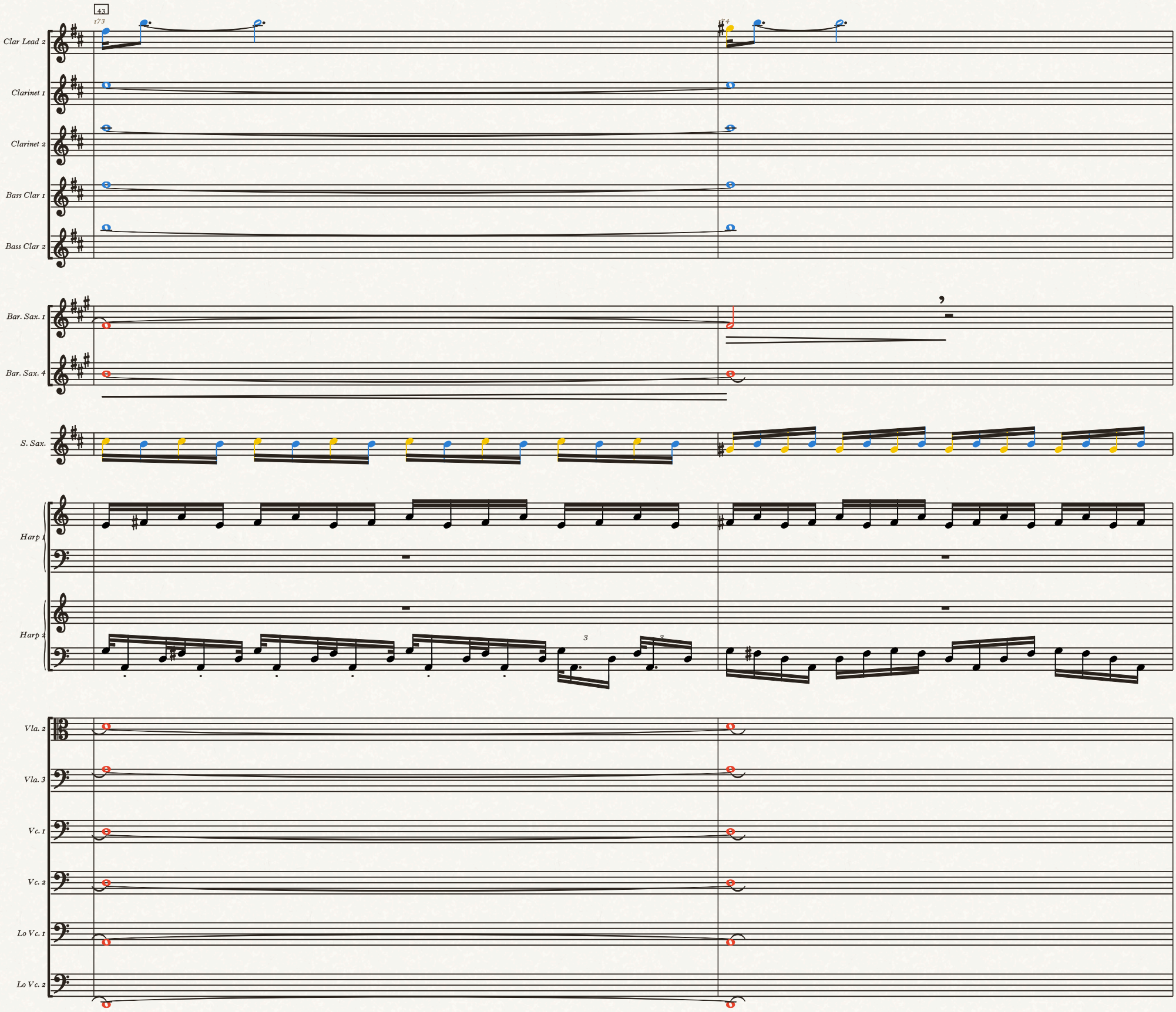

163
164
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 3
Bar. Sax. 4
S. Sax.
Harp 1
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
sul pont (gradually back to sul tasto)
Lo Vc. 1
Lo Vc. 2

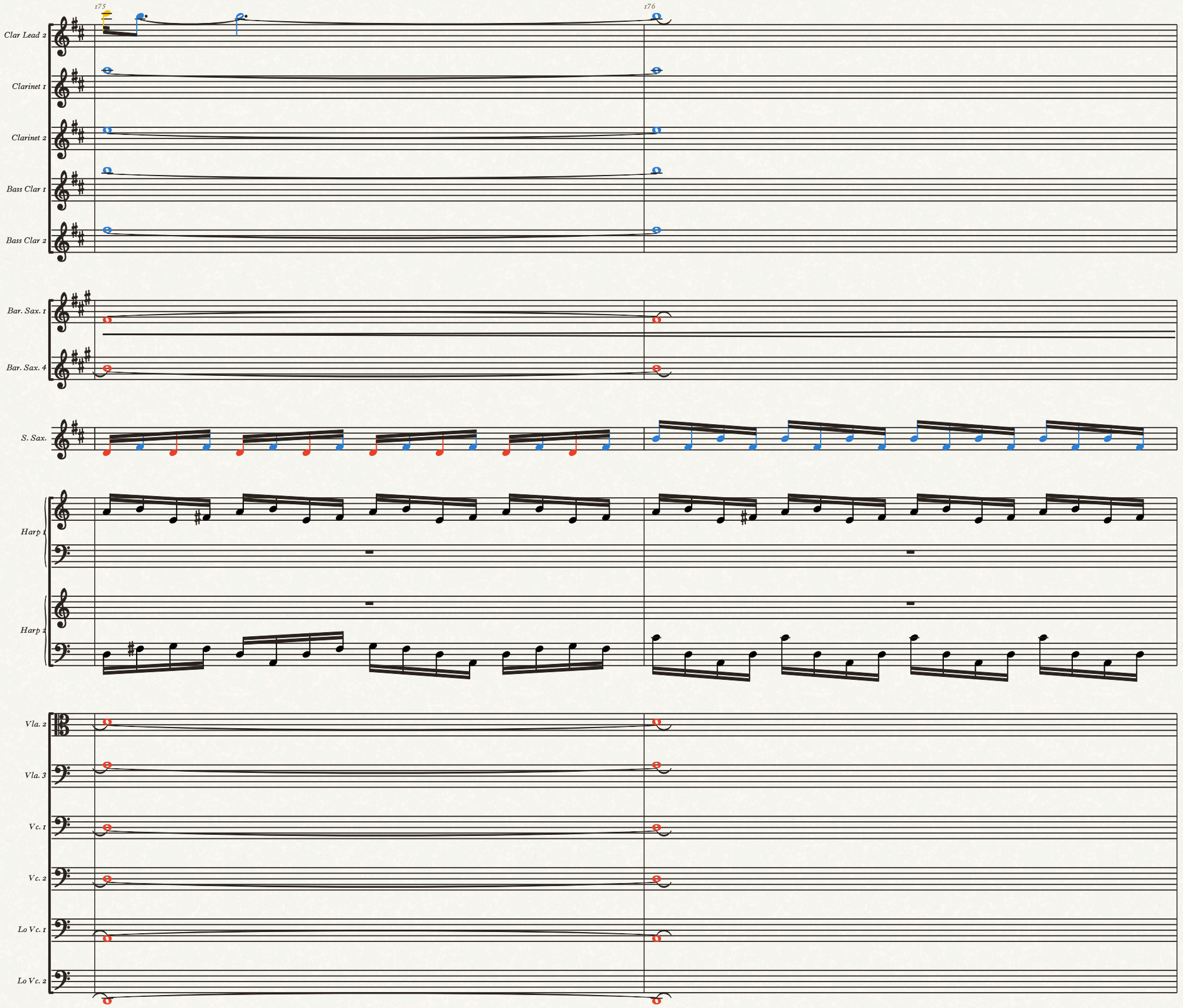

41
165
166
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 4
S. Sax.
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Vc. 3
Lo Vc. 1
Lo Vc. 2
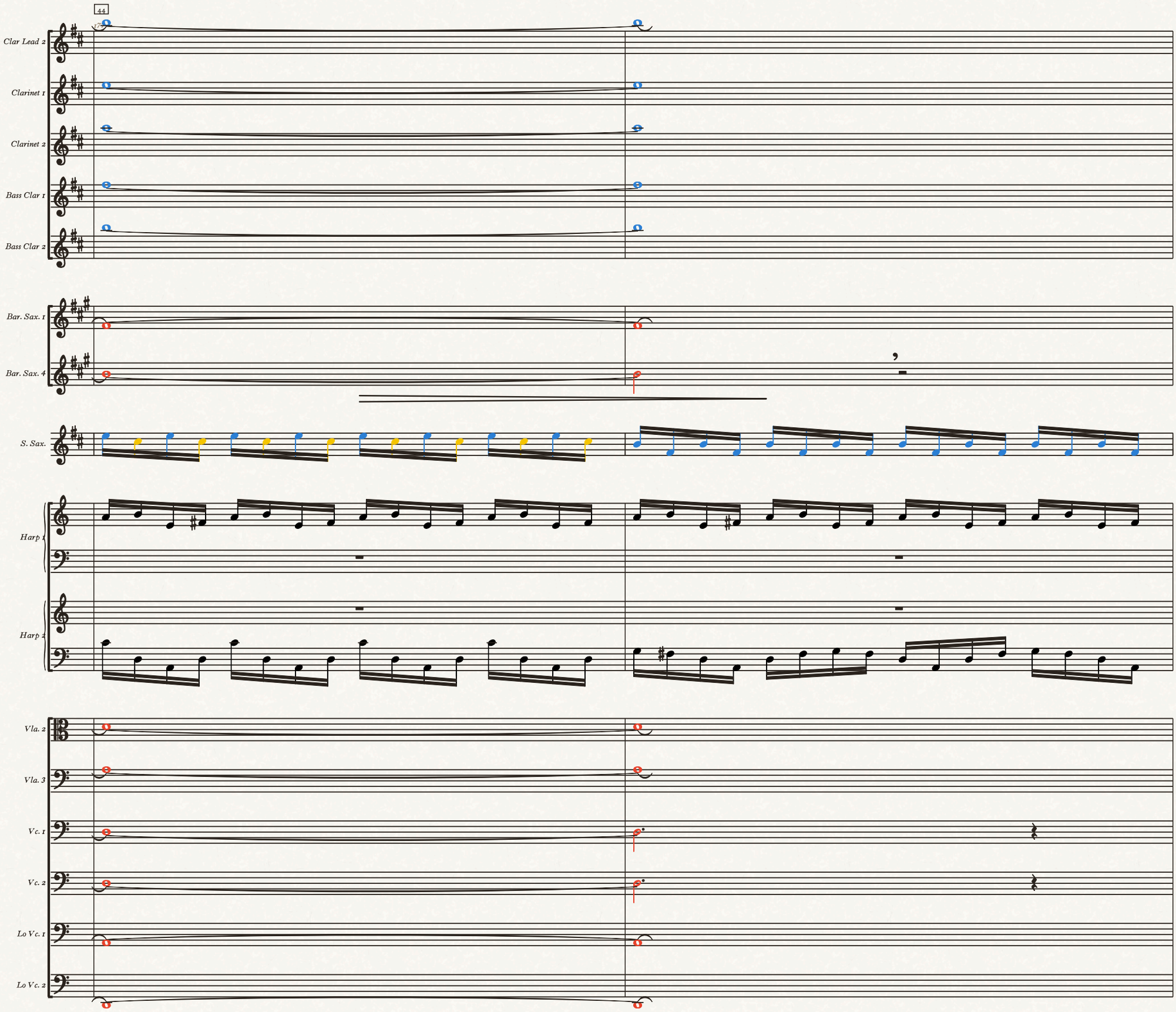

167
168
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2
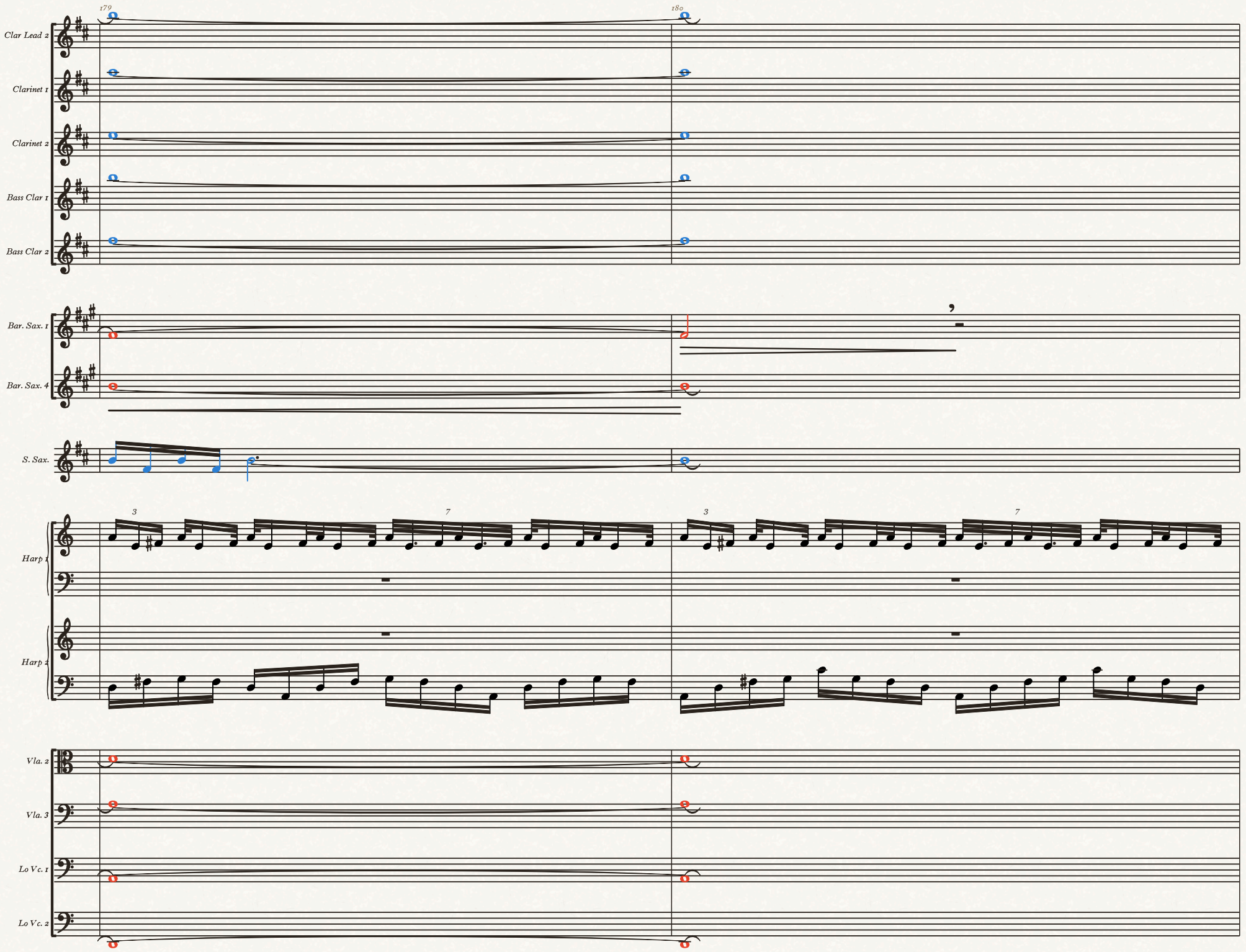

42
t69
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 2
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2


171
172
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2


43
173
174
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2


175
176
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2


44
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Vc. 1
Vc. 2
Lo Vc. 1
Lo Vc. 2


179
180
Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Lo Vc. 1
Lo Vc. 2

45

Clar Lead 2
Clarinet 1
Clarinet 2
Bass Clar 1
Bass Clar 2
Bar. Sax. 1
Bar. Sax. 4
S. Sax.
Harp 1
Harp 2
Vla. 2
Vla. 3
Lo Vc. 1
Lo Vc. 2
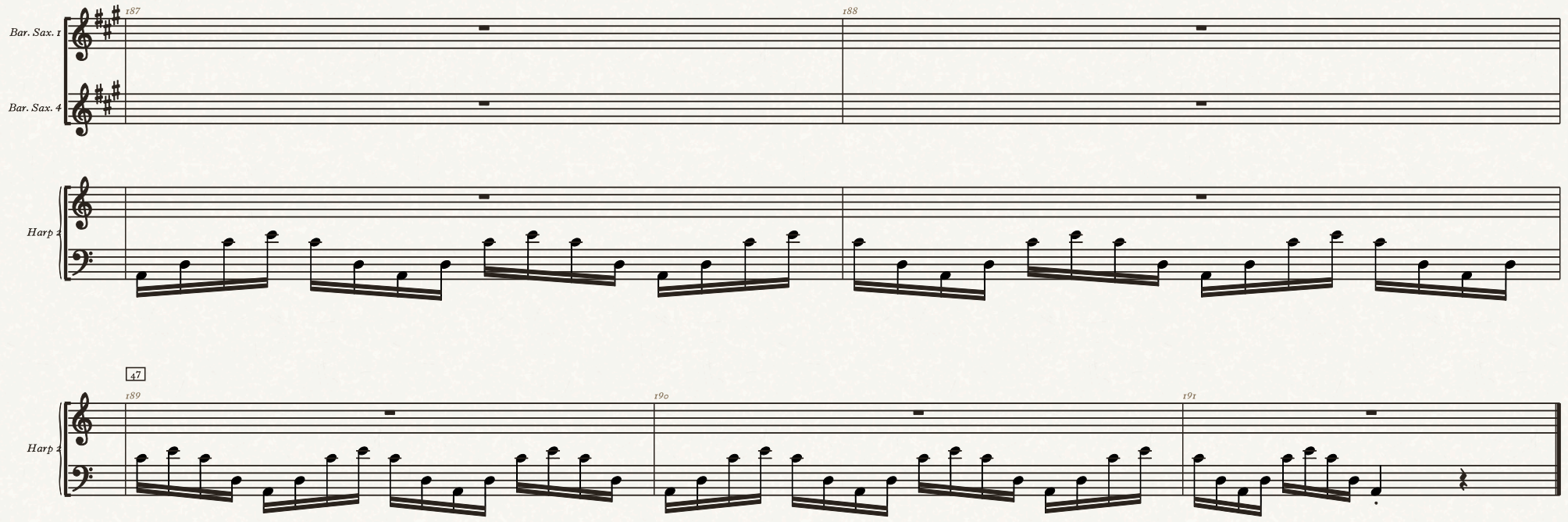
183 184

Bar. Sax. 1
Bar. Sax. 4
Harp 2

46

185 186

Bar. Sax. 1
Bar. Sax. 4
Harp 2


187
188
Bar. Sax. 1
Bar. Sax. 4
Harp 1
47
189
190
191
Harp 1



