Look to Third

Paul Schuette

for alto flute, bass clarinet, percussion, piano, viola, cello
and live electronics

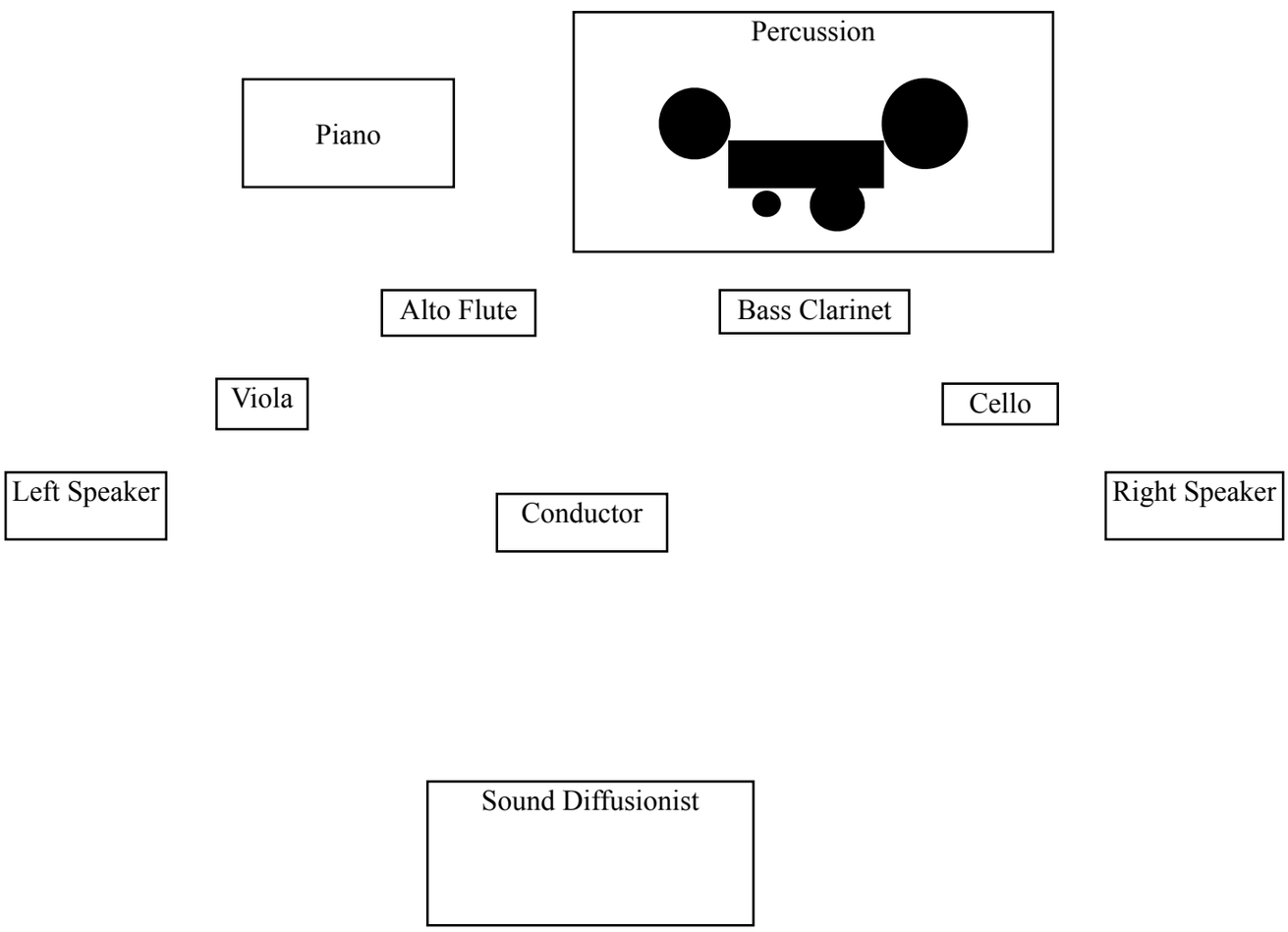
Instrumentation

Alto Flute
Bass Clarinet
Percussion
- vibraphone
- large suspended cymbal
- crotale (C4)
- medium gong
- bass drum
- flexatone

Piano
Viola
Cello

Performance Notes

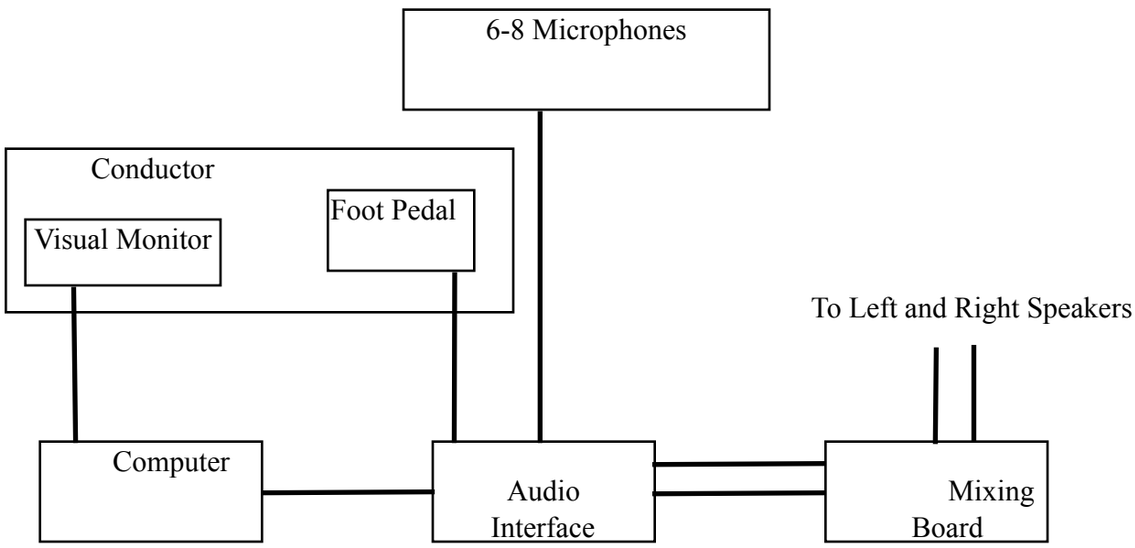
Stage Setup



Electronics

- All instruments need to be close miked (with uniform microphones, ideally). If possible, use two microphones on the piano and two microphones on the percussion.
- A computer equipped with Max/MSP is required to run the audio programs. Contact the composer via his website, paulschuette.com, for the patches.
- An audio interface which can facilitate 6-8 XLR inputs, 2 separate output channels and MIDI is required.
- The conductor needs to have a standard MIDI foot pedal and a visual monitor.

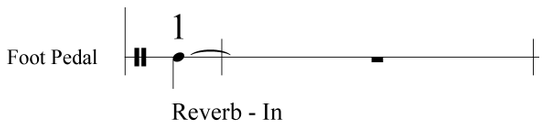
Signal Routing Diagram



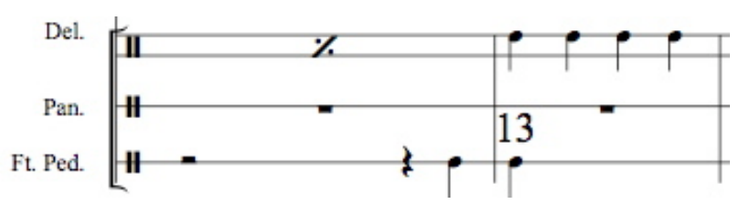
Electronic Notation

Foot Pedal Staff

Quarter notes on this staff instruct the conductor to strike the foot pedal. The type of effect triggered is listed below the staff and the number above the note will appear on the conductor's visual monitor indicating a successful strike.



In places where a tempo needs to be set for rhythmic panning or delay effects, the conductor sets the tempo by striking the pedal twice. Both of these strikes are notated in the score as in the following example.



Delay/Panning Staves

These staves show the composite rhythm of these rhythmically oriented effects. Curved graphic notation on the panning staff, as found in the second and third movement, indicates smooth and random fluctuations to the panning: the conductor need not worry about aligning with the effects in these instances. Where specific (hard) panning rhythms are written, rhythmically strict time is important. Sections employing delay effects do not require the same exactness.

Fermatas - for "electronic holds"

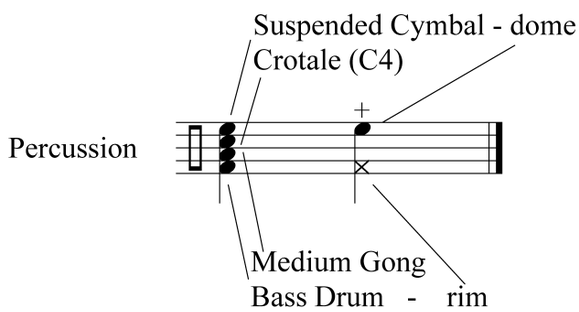
Fermatas are often found at the end of phrases where the electronics will cause the sound to continue. The conductor should move on just before all electronic sounds die away completely - attempting to smoothly "dovetail" sections.

Instrumental Notation

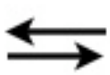
Flute Notation

o.b. = over blow n.a. = normal air fl. t. = flutter tongue

Percussion Notation



Strings

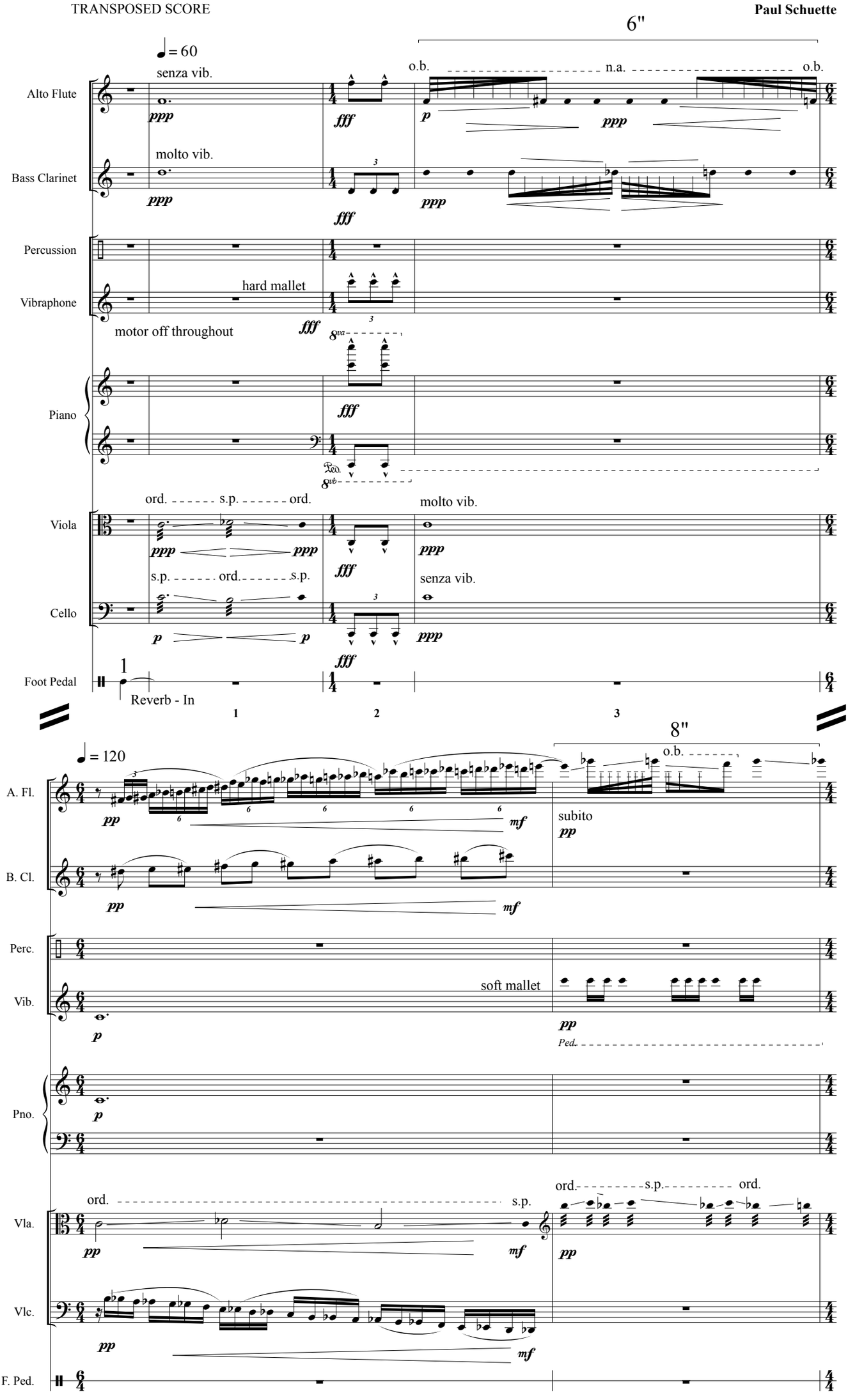


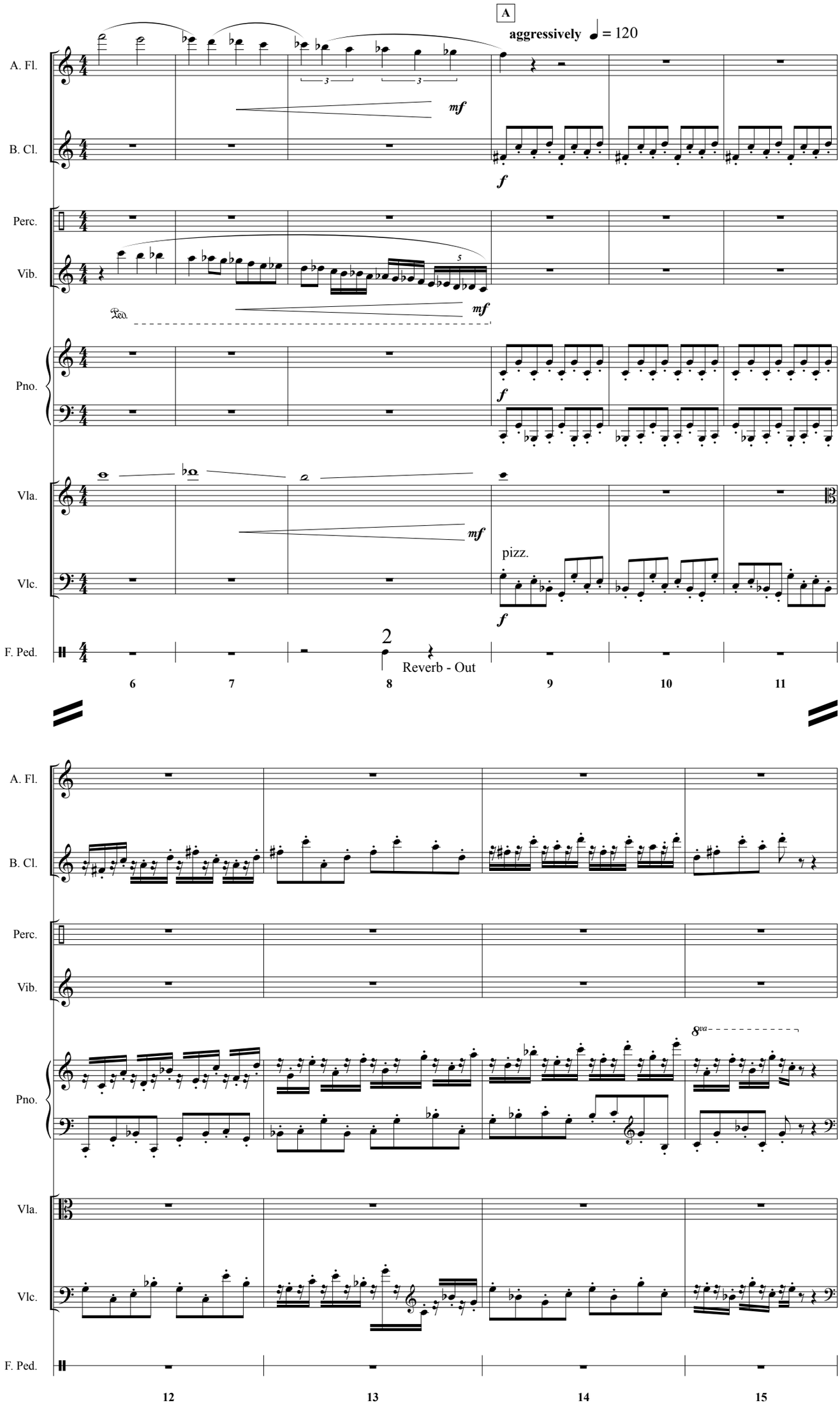
This symbol indicates "North" and "South" bowing. If normal bowing is considered East/West with a perpendicular orientation of bow to string, North/South bowing calls for the bow to move parallel with the string in a sideways motion.

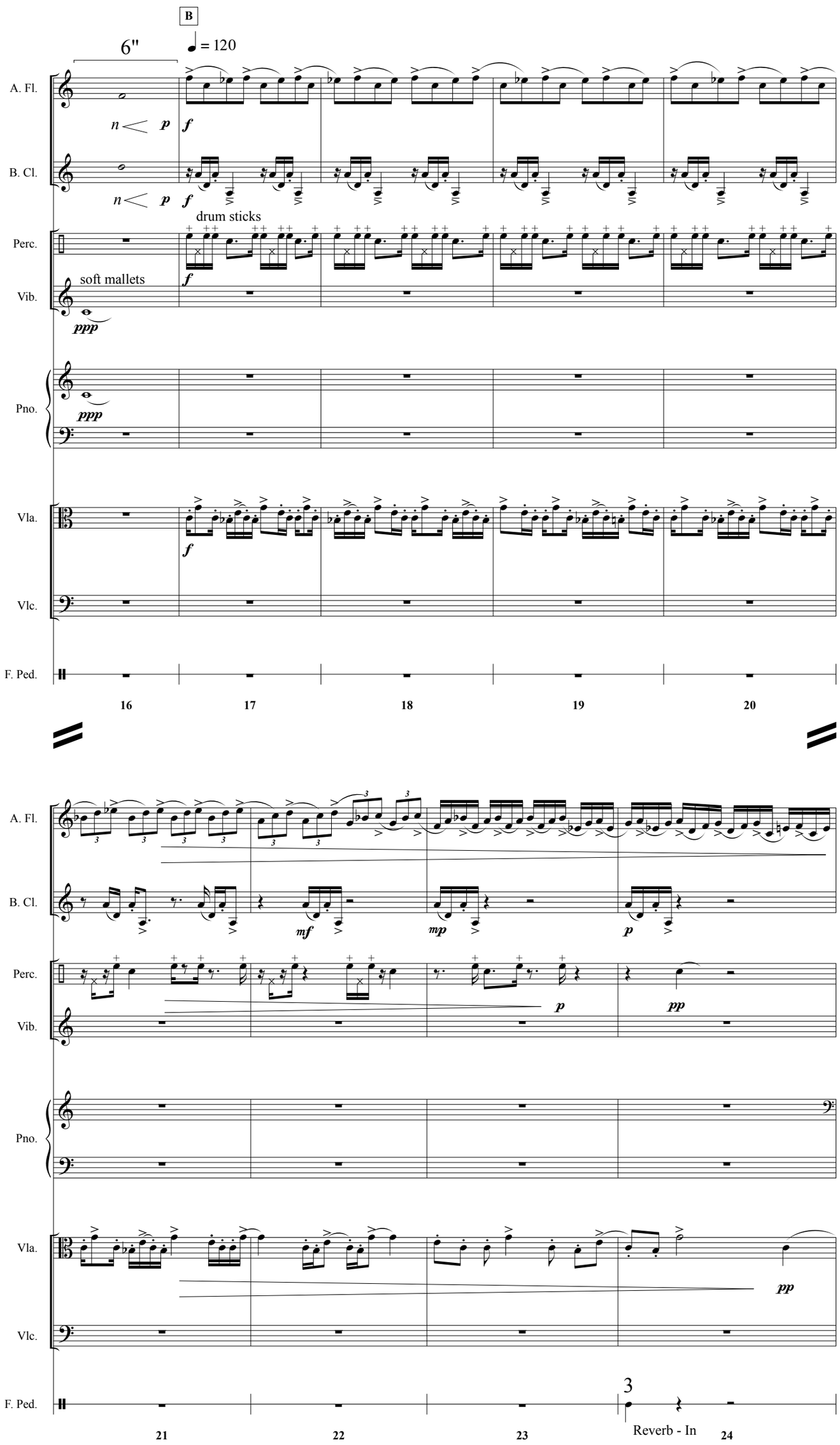
Look to Third

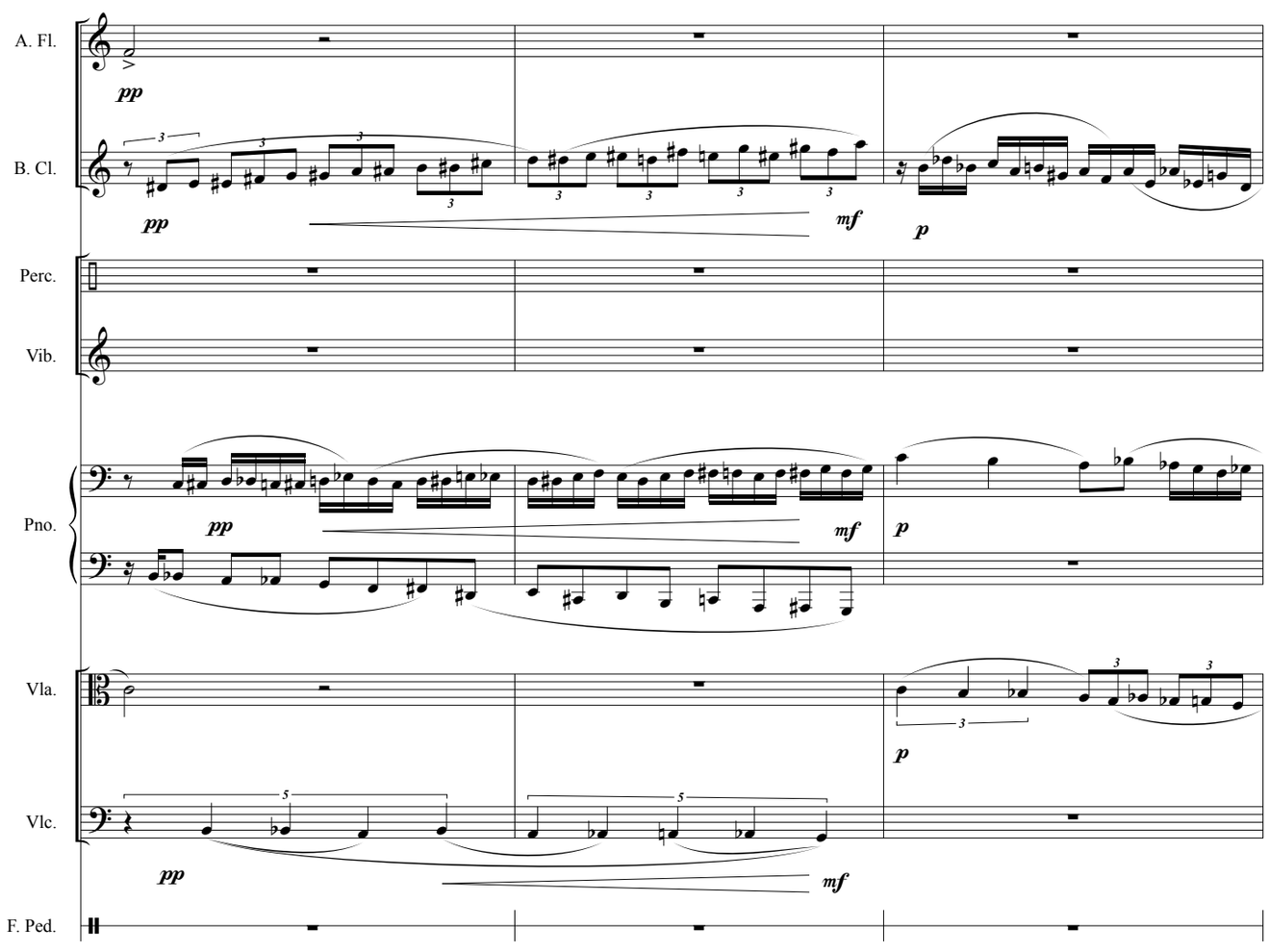
TRANSPOSED SCORE

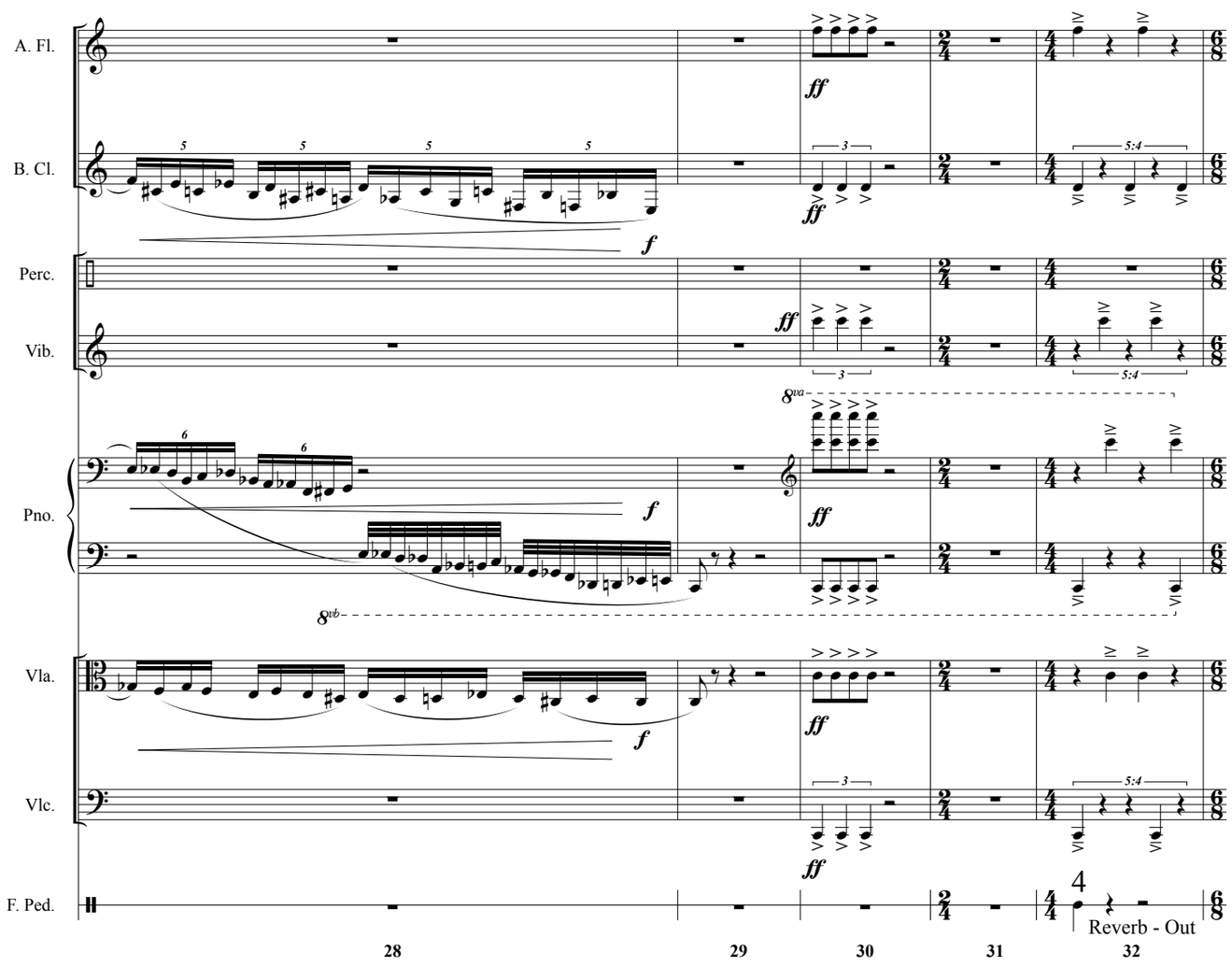
Paul Schuette

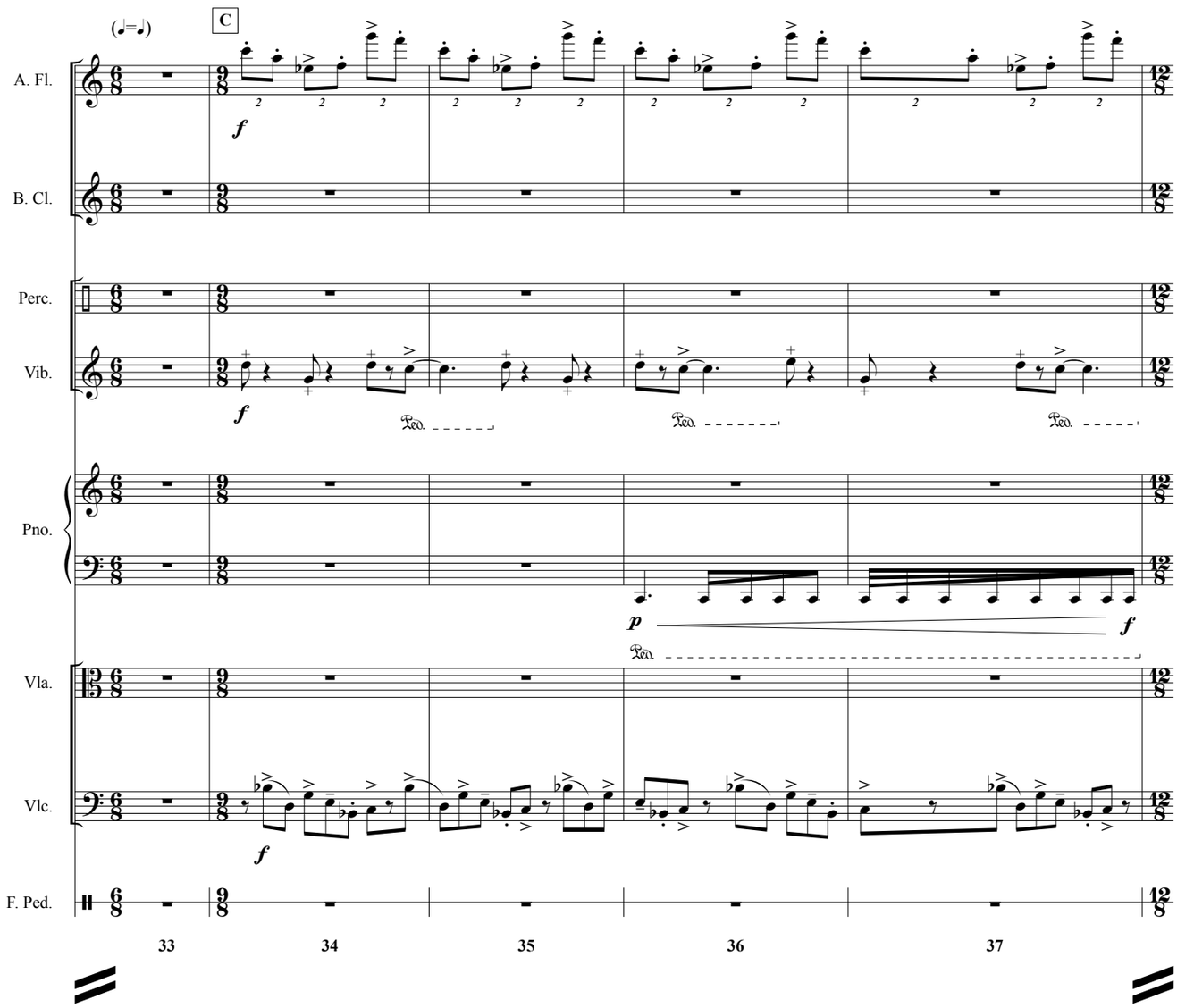


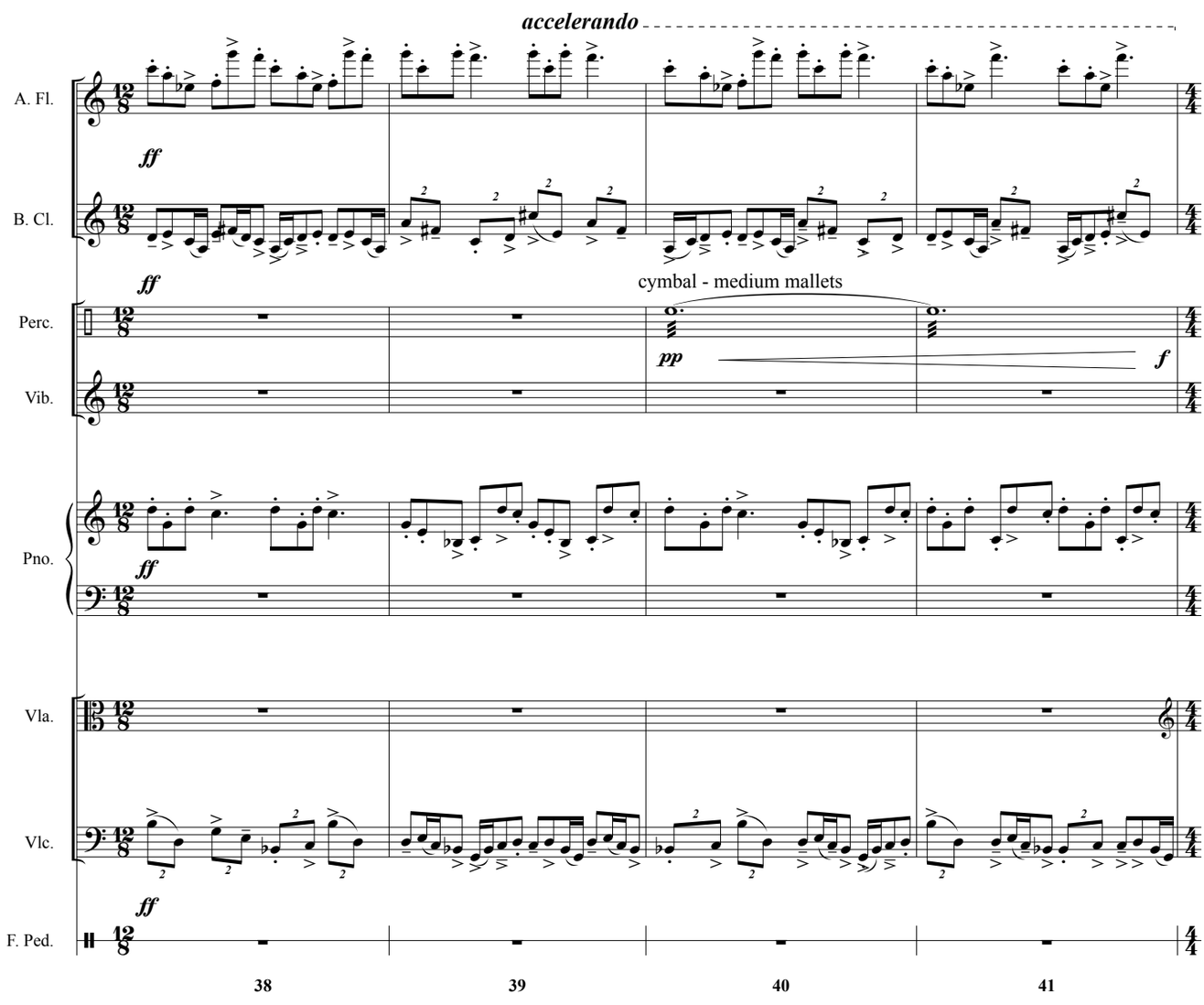

A
aggressively ♩ = 120
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
mf
f
Ped.
pizz.
2
Reverb - Out
6
7
8
9
10
11
8va
12
13
14
15

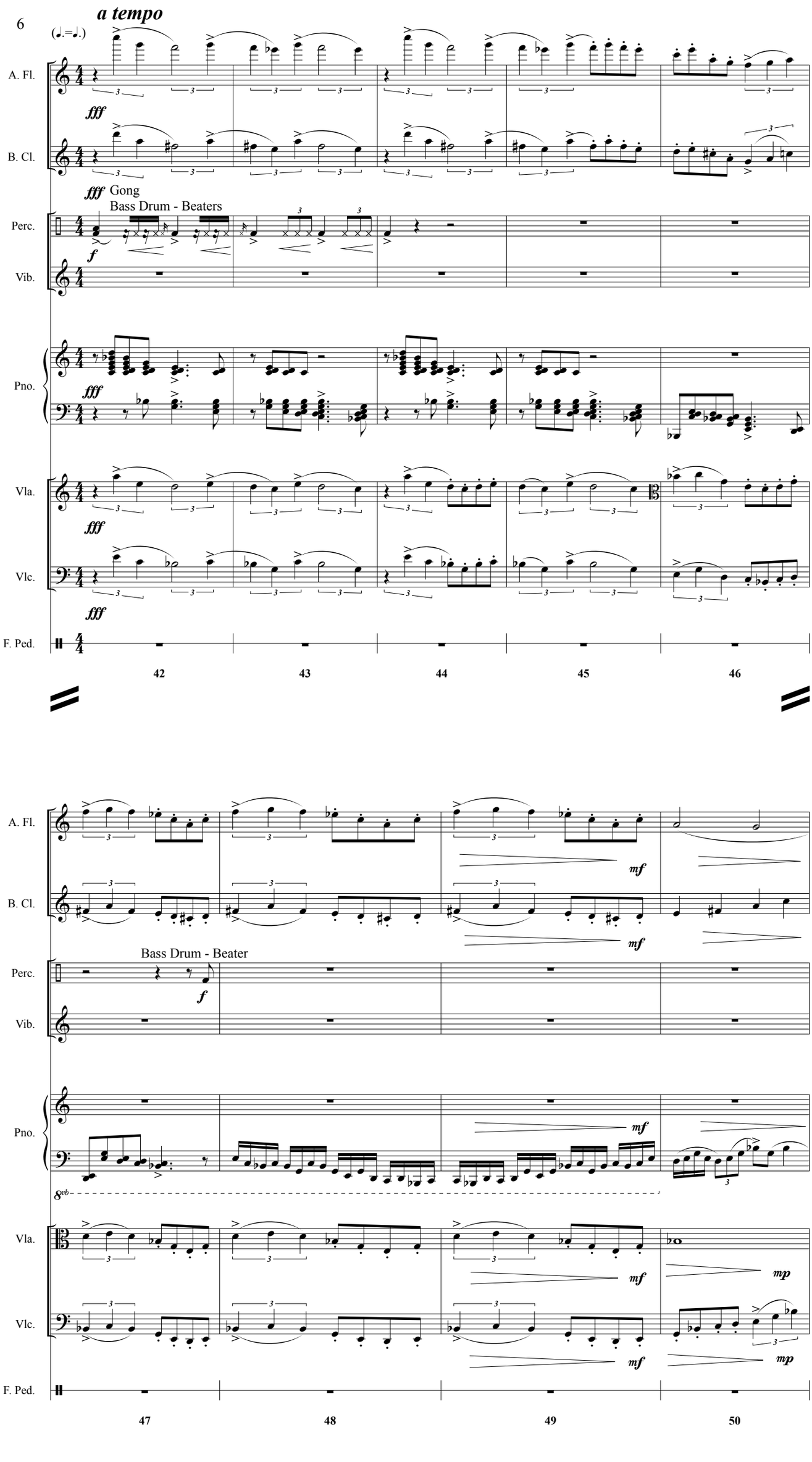

B
6"
♩ = 120
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
drum sticks
soft mallets
ppp
16
17
18
19
20
mf
mp
p
pp
21
22
23
3
Reverb - In
24

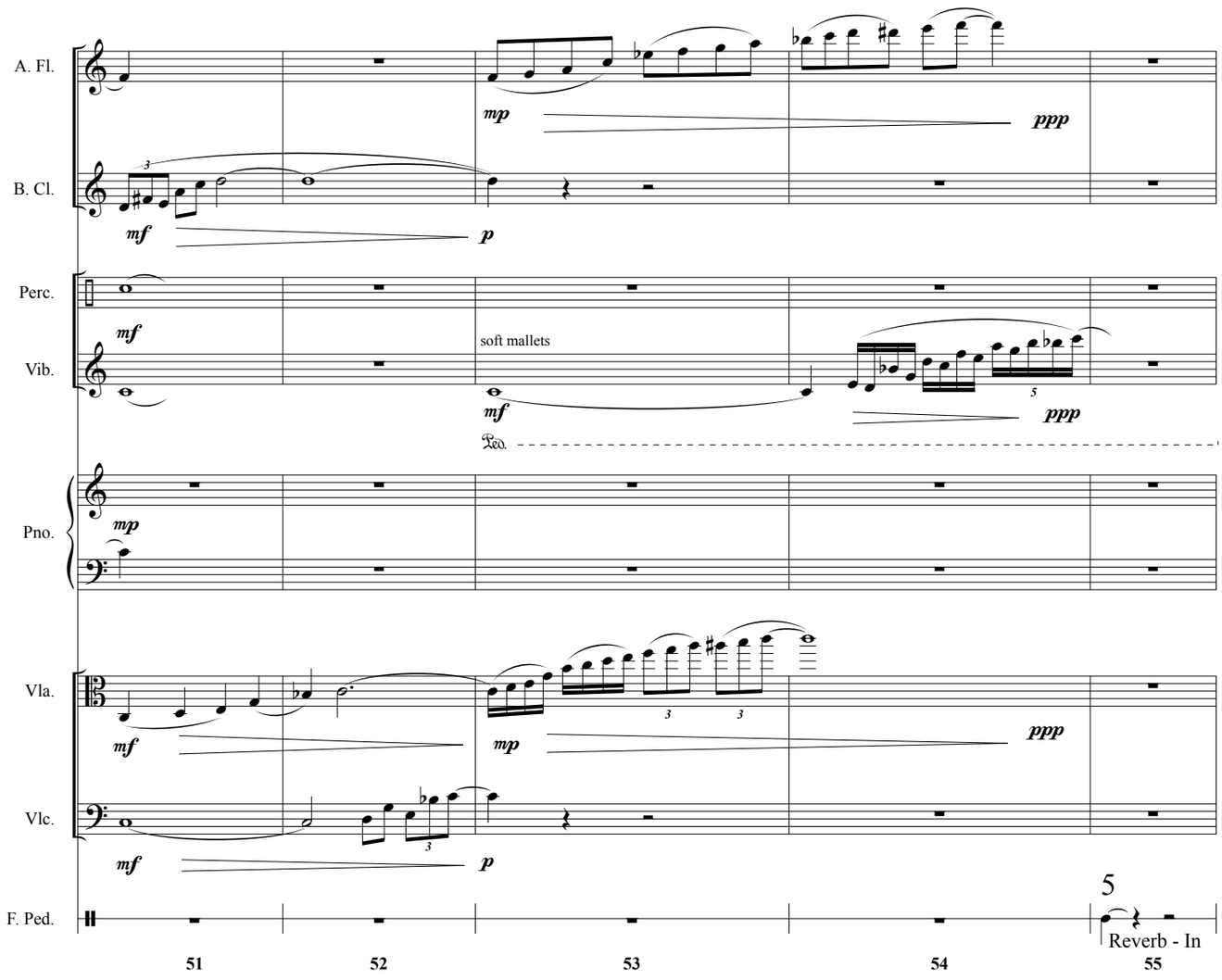

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
pp
mf
p
25
26
27

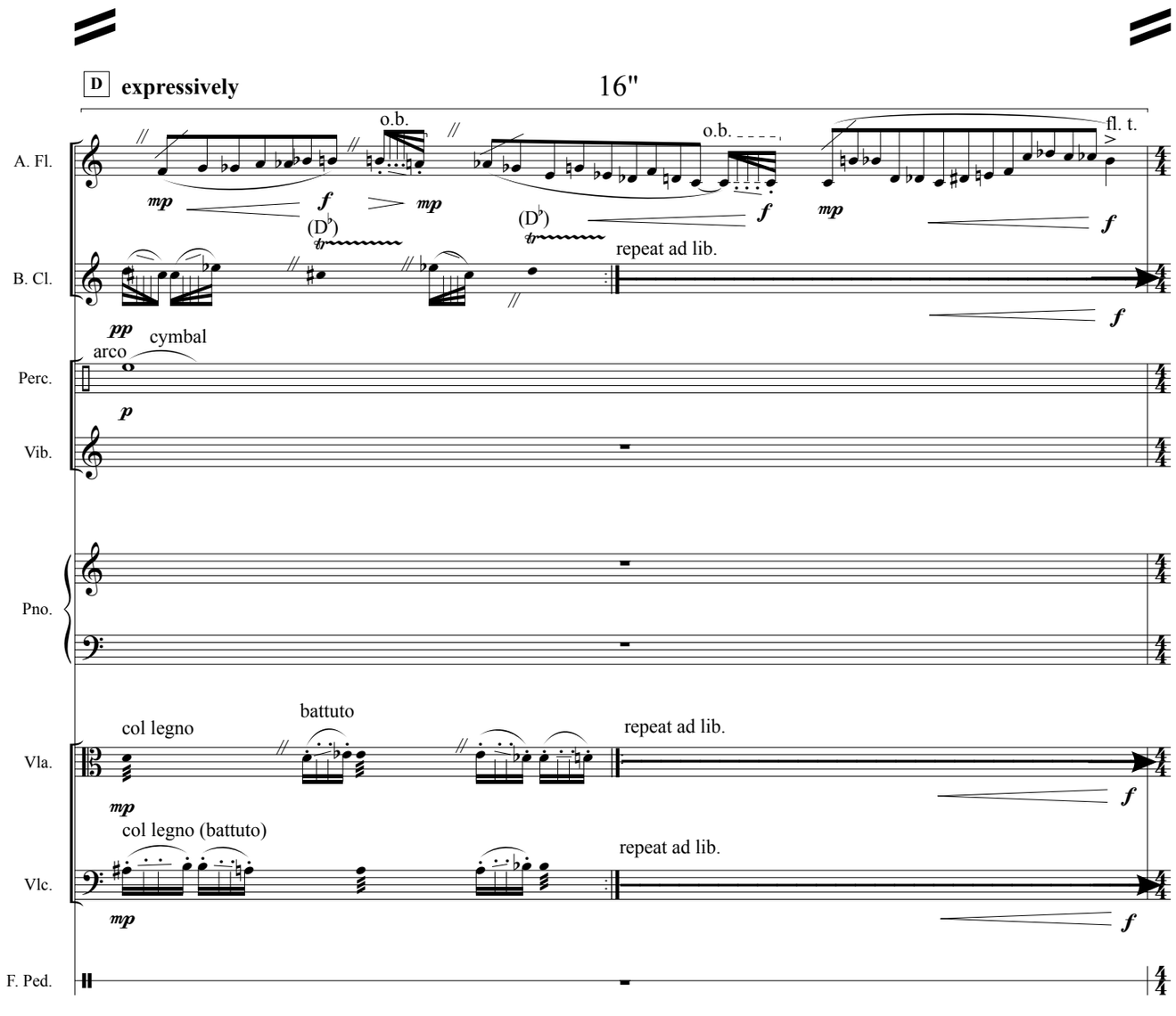

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
ff
f
8va
8vb
5:4
4
Reverb - Out
28
29
30
31
32

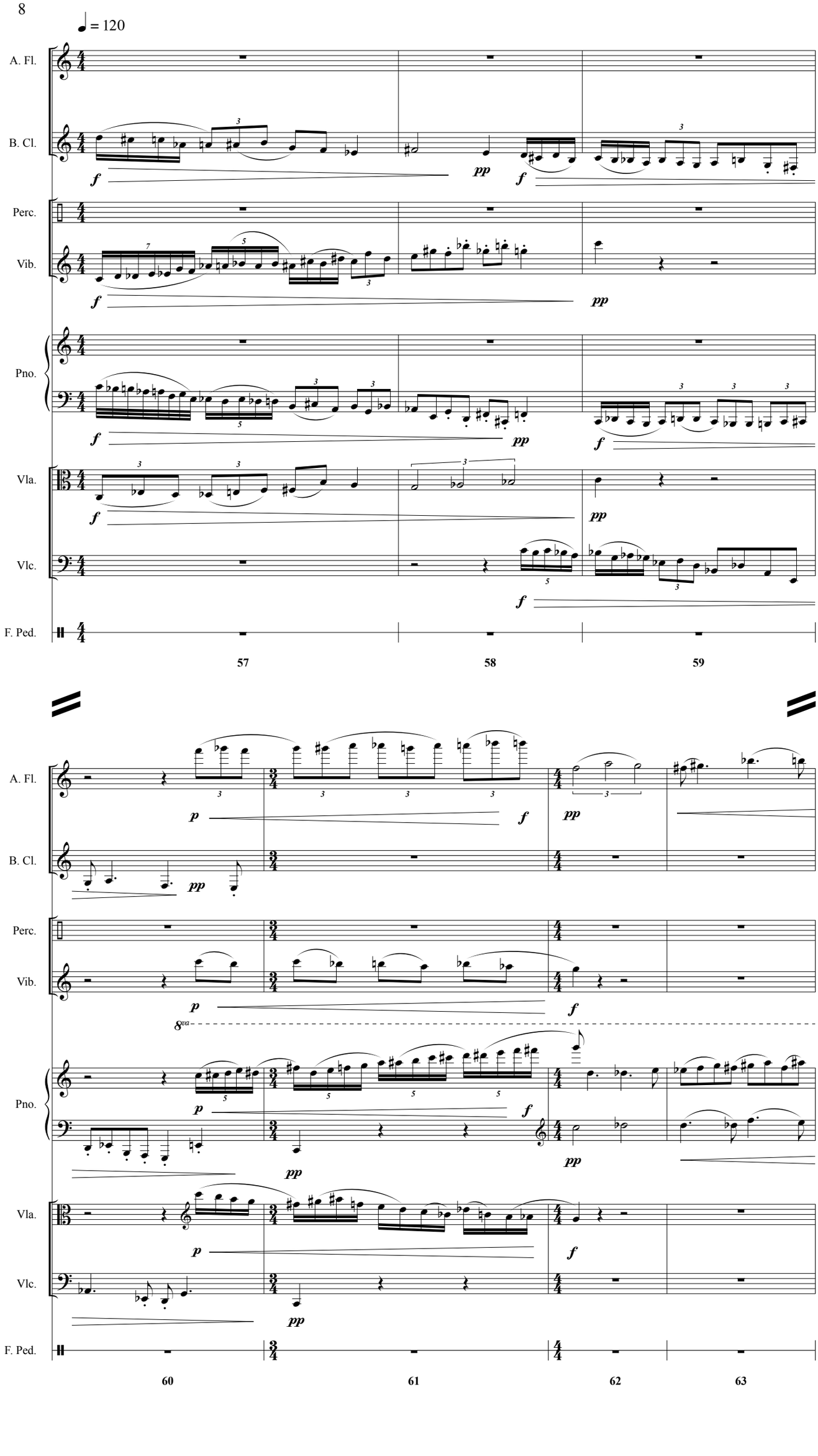

(♩=♩)
C
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
f
Ped.
p
33
34
35
36
37


accelerando
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
ff
cymbal - medium mallets
pp
f
38
39
40
41


a tempo
(♩.=♩.)
A. Fl.
fff
B. Cl.
fff
Gong
Bass Drum - Beaters
Perc.
f
Vib.
Pno.
fff
Vla.
fff
Vlc.
fff
F. Ped.
42
43
44
45
46
mf
mf
Bass Drum - Beater
f
mf
8vb
mf
mp
mf
mp
47
48
49
50


A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
mp
ppp
mf
p
soft mallets
Reverb - In
51
52
53
54
55


D expressively
16"
o.b.
fl. t.
(D♭)
repeat ad lib.
cymbal
arco
col legno
battuto
col legno (battuto)
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.


♩ = 120
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
57
58
59
60
61
62
63
8va

E ♩ = 96

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.

ff mf ff mf

(8va) 15ma

6

64 65 66 67 68 69 70

Reverb - Out
(on selected instruments)

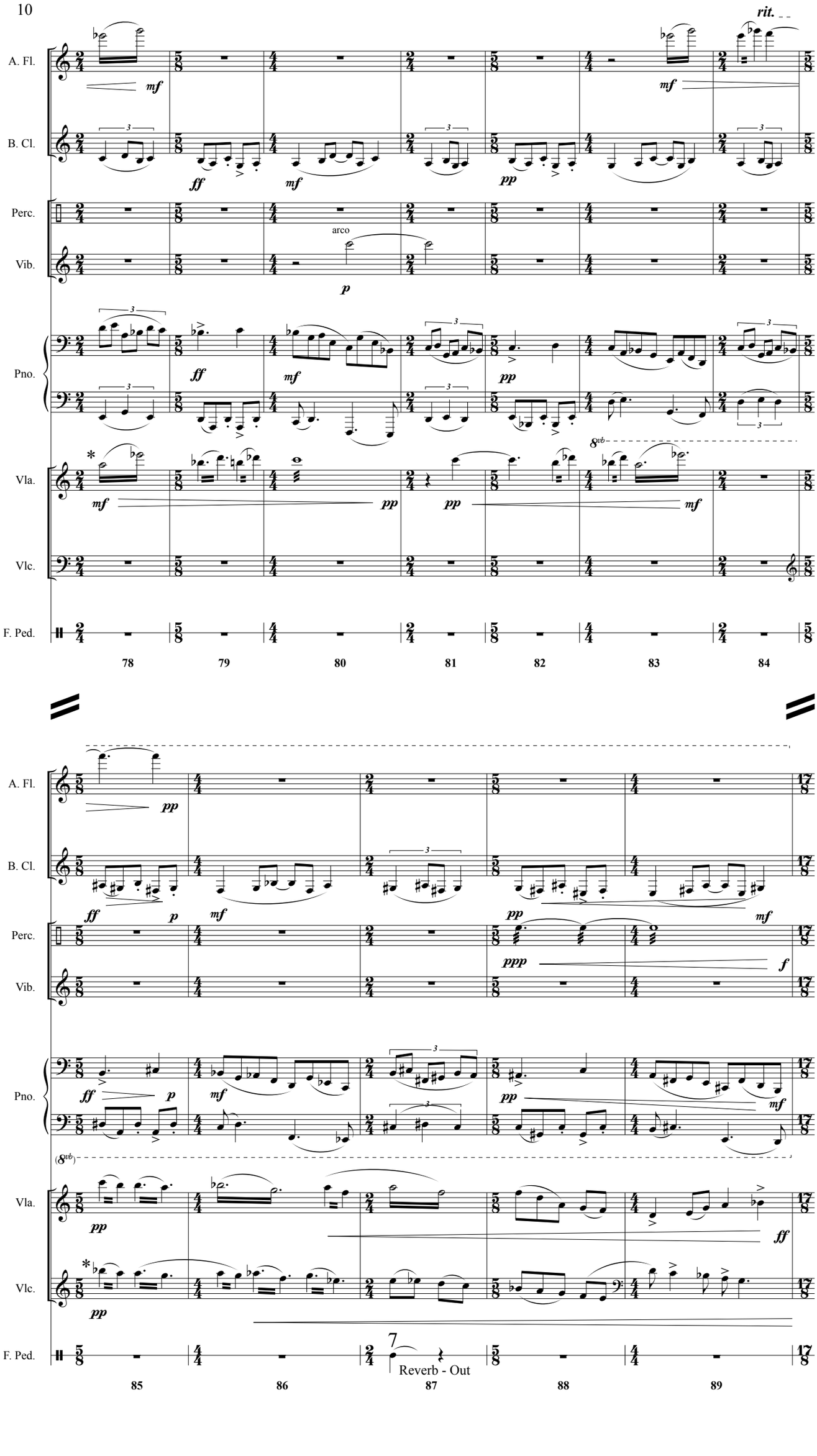
pp ff sfz mf p mf

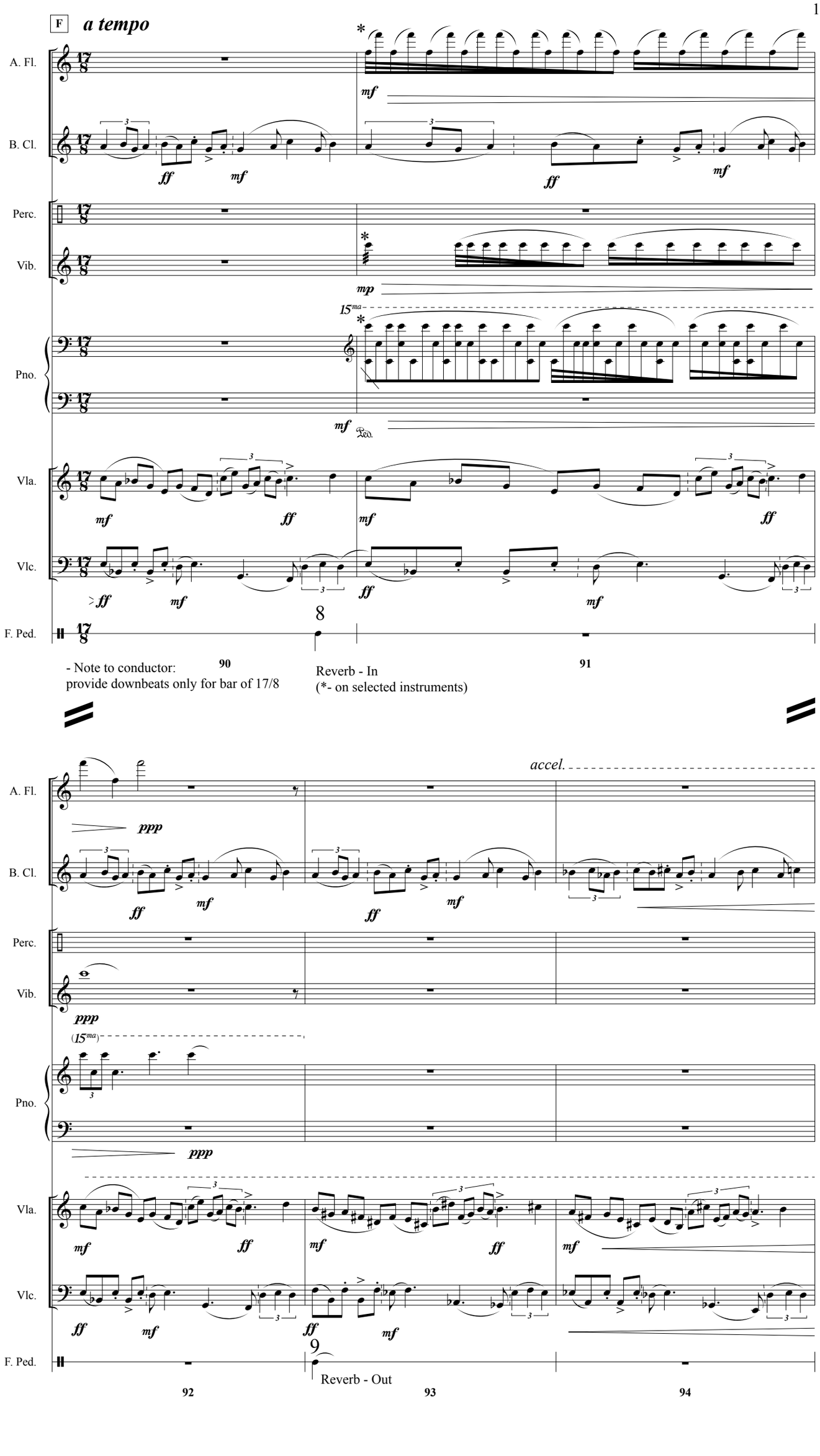
* crotale - arco

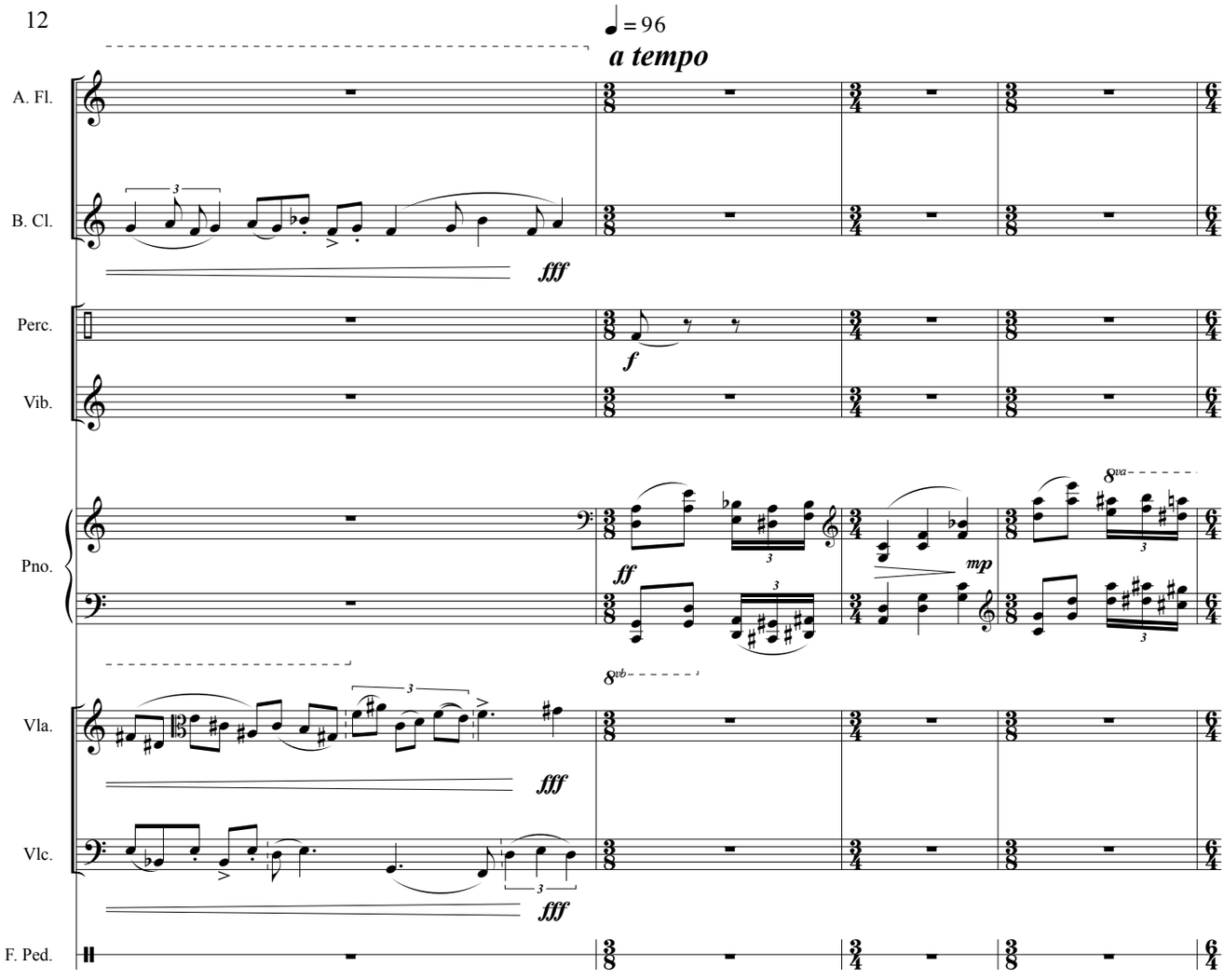
ppp mp

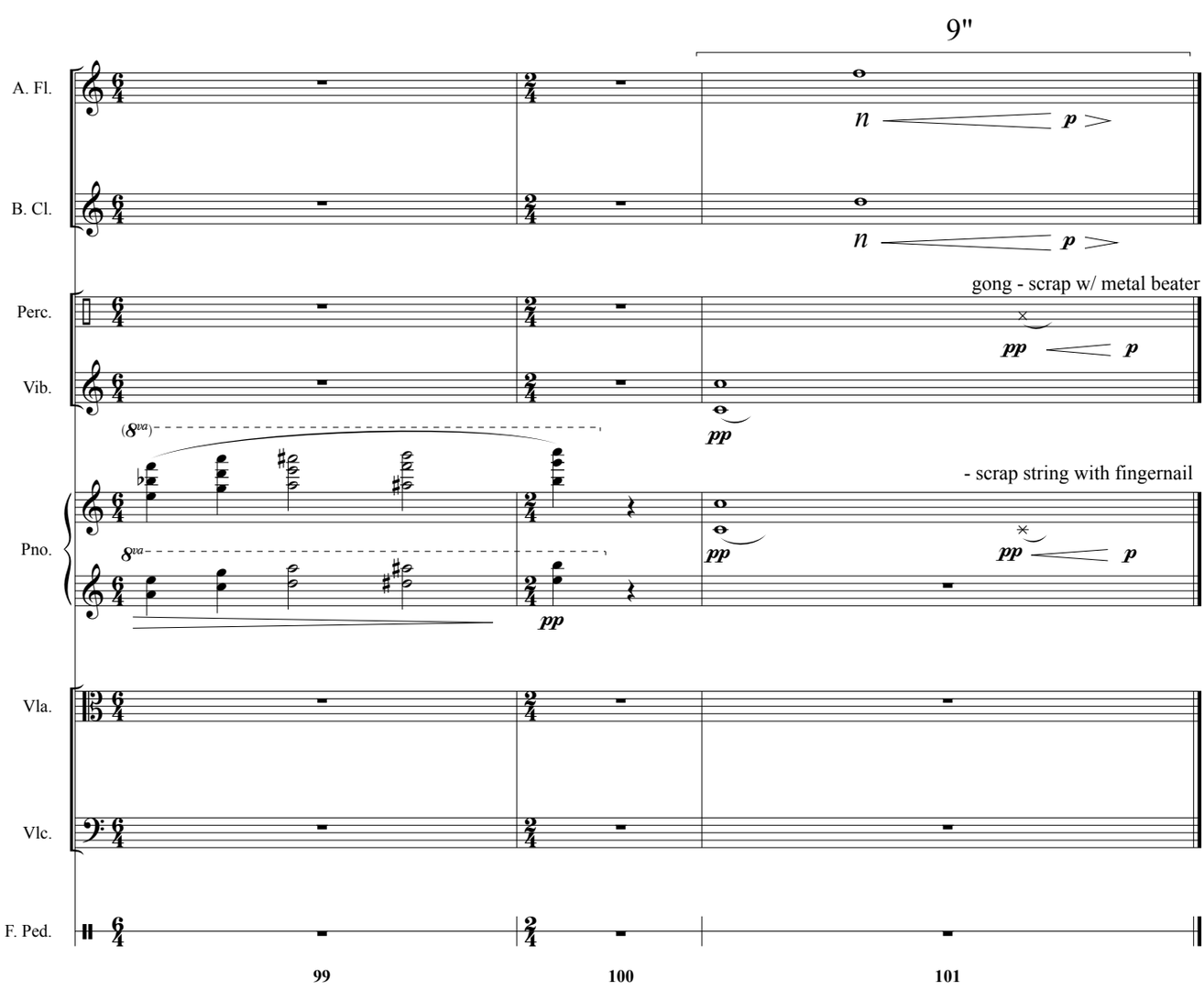
71 72 73 74 75 76 77

* - only these instruments are heard with reverb

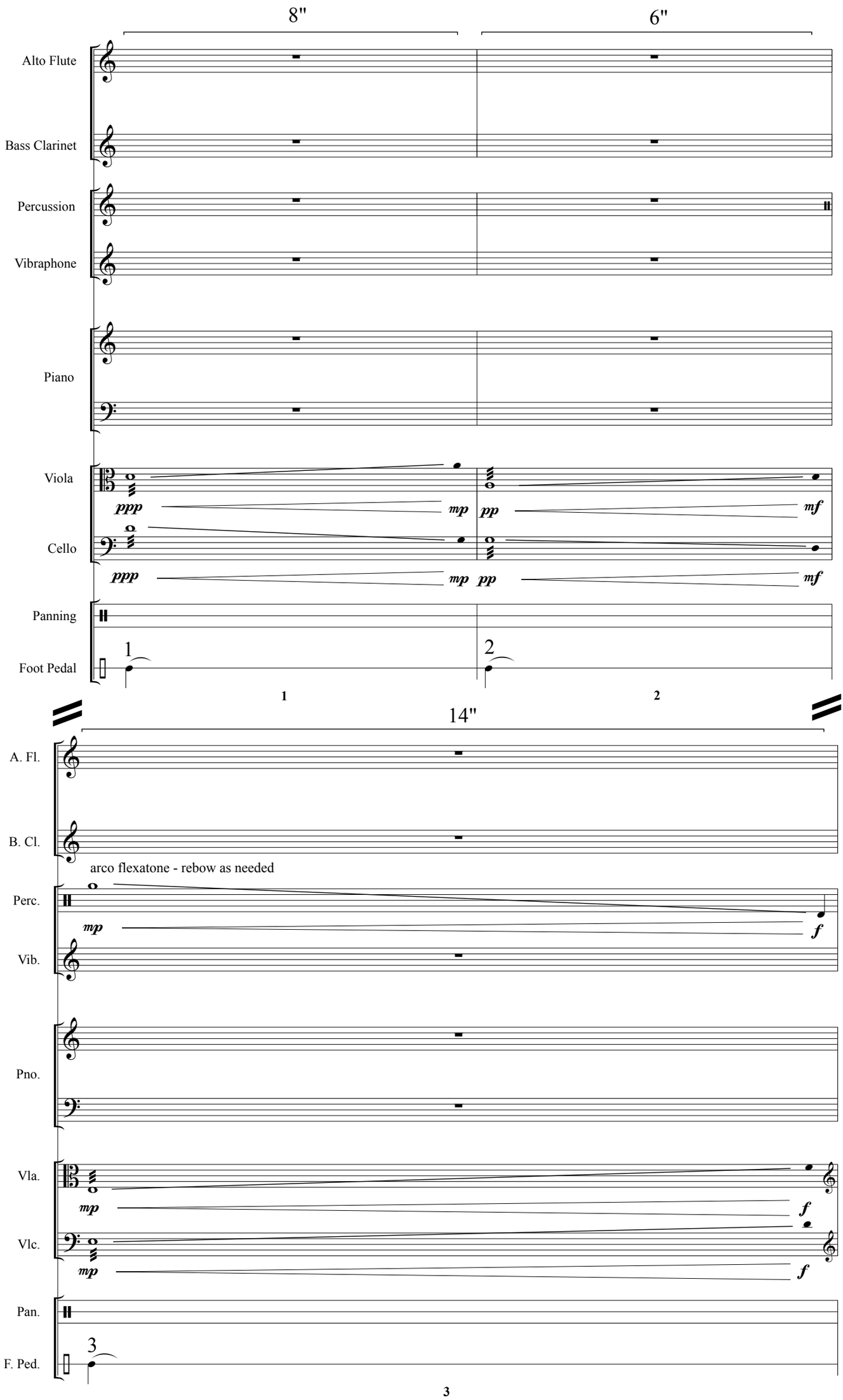

rit.
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
arco
8vb
(8vb)
Reverb - Out
78
79
80
81
82
83
84
85
86
87
88
89

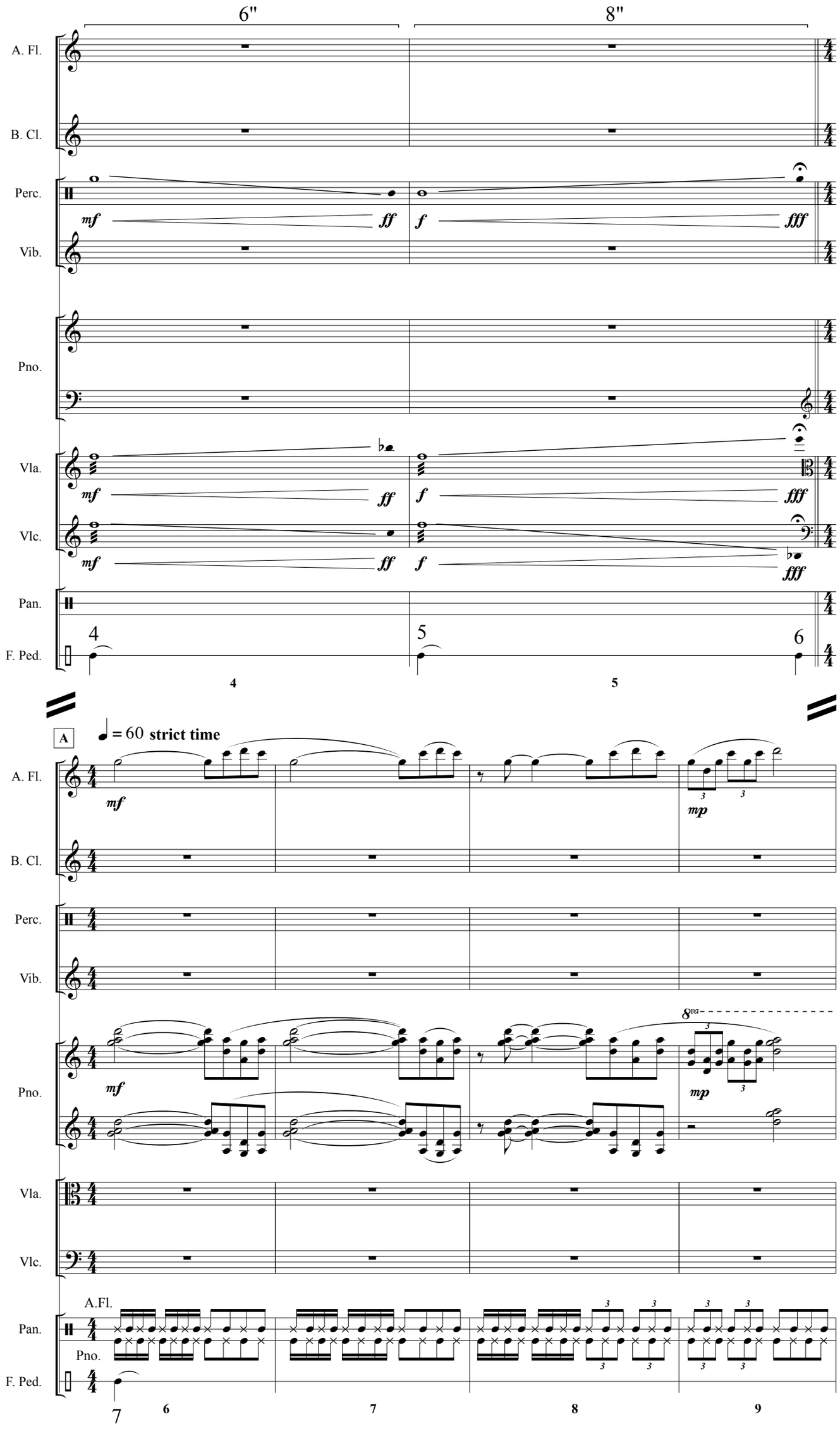

F
a tempo
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
mf
ff
mp
15ma
Ped.
8
9
accel.
ppp
(15ma)
90
91
92
93
94
- Note to conductor:
provide downbeats only for bar of 17/8
Reverb - In
(*- on selected instruments)
Reverb - Out

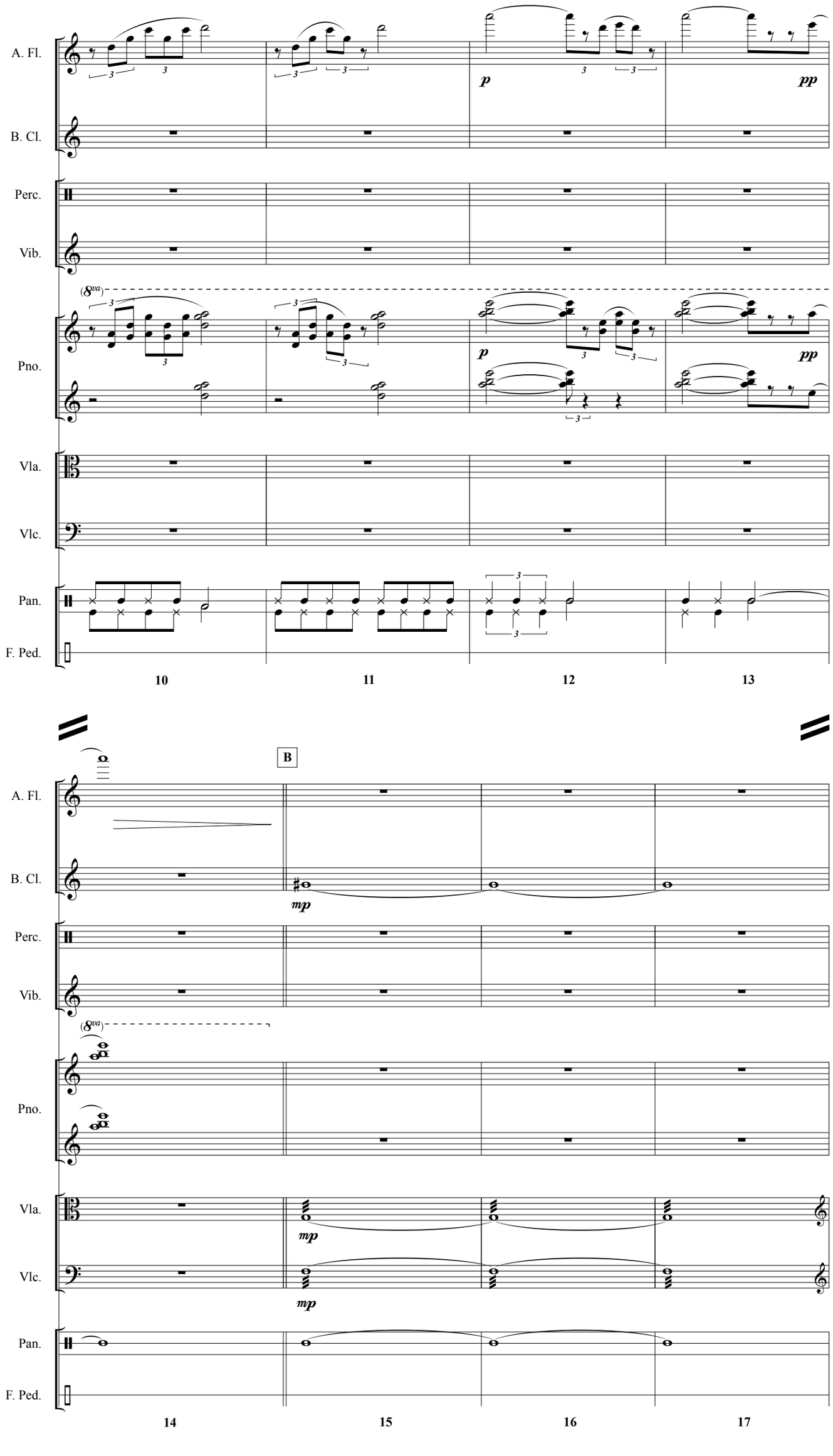

♩ = 96
a tempo
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
fff
f
ff
mp
8va
8vb
95
96
97
98

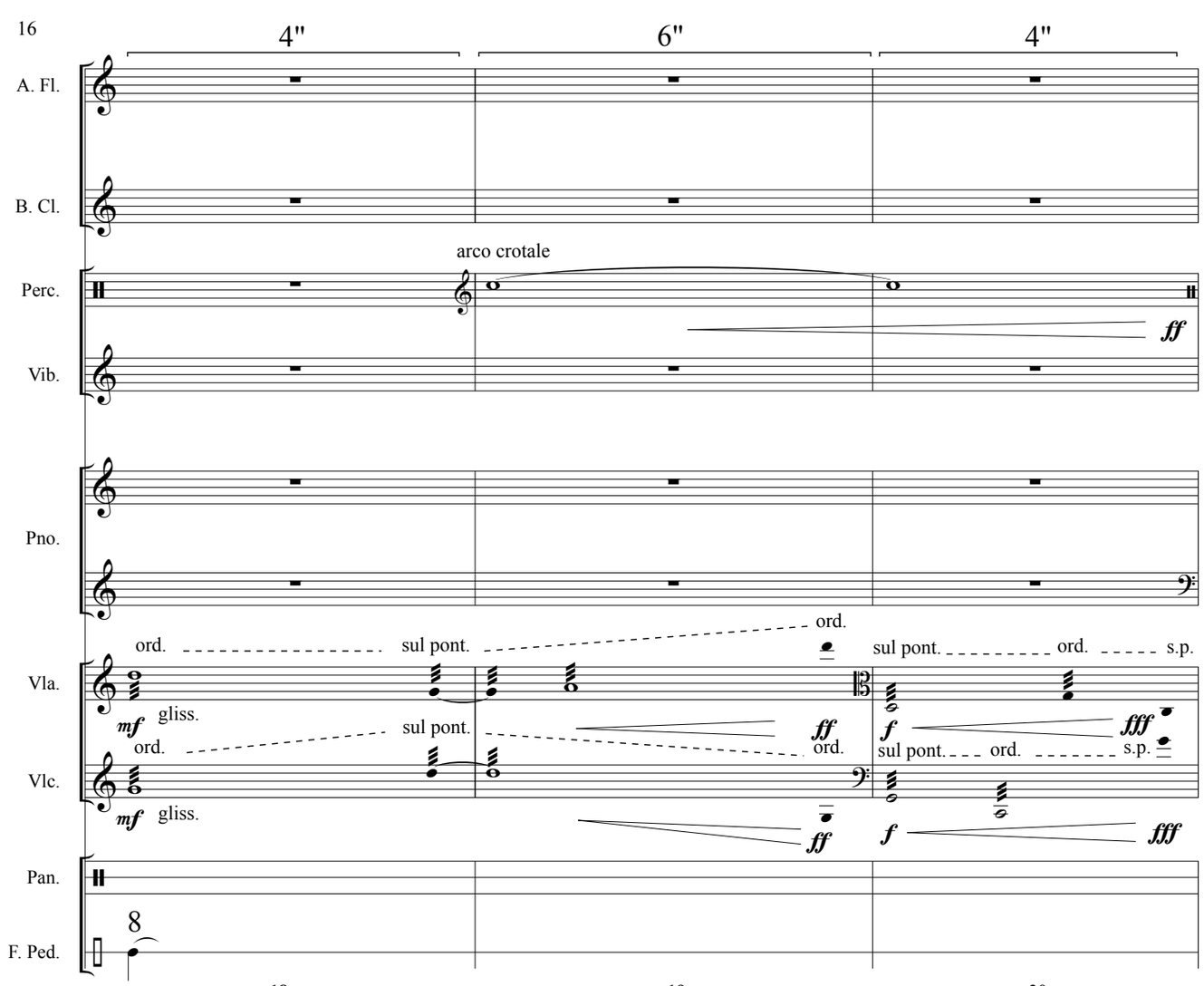

9"
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
F. Ped.
n
p
pp
gong - scrap w/ metal beater
- scrap string with fingernail
(8va)
8va
99
100
101

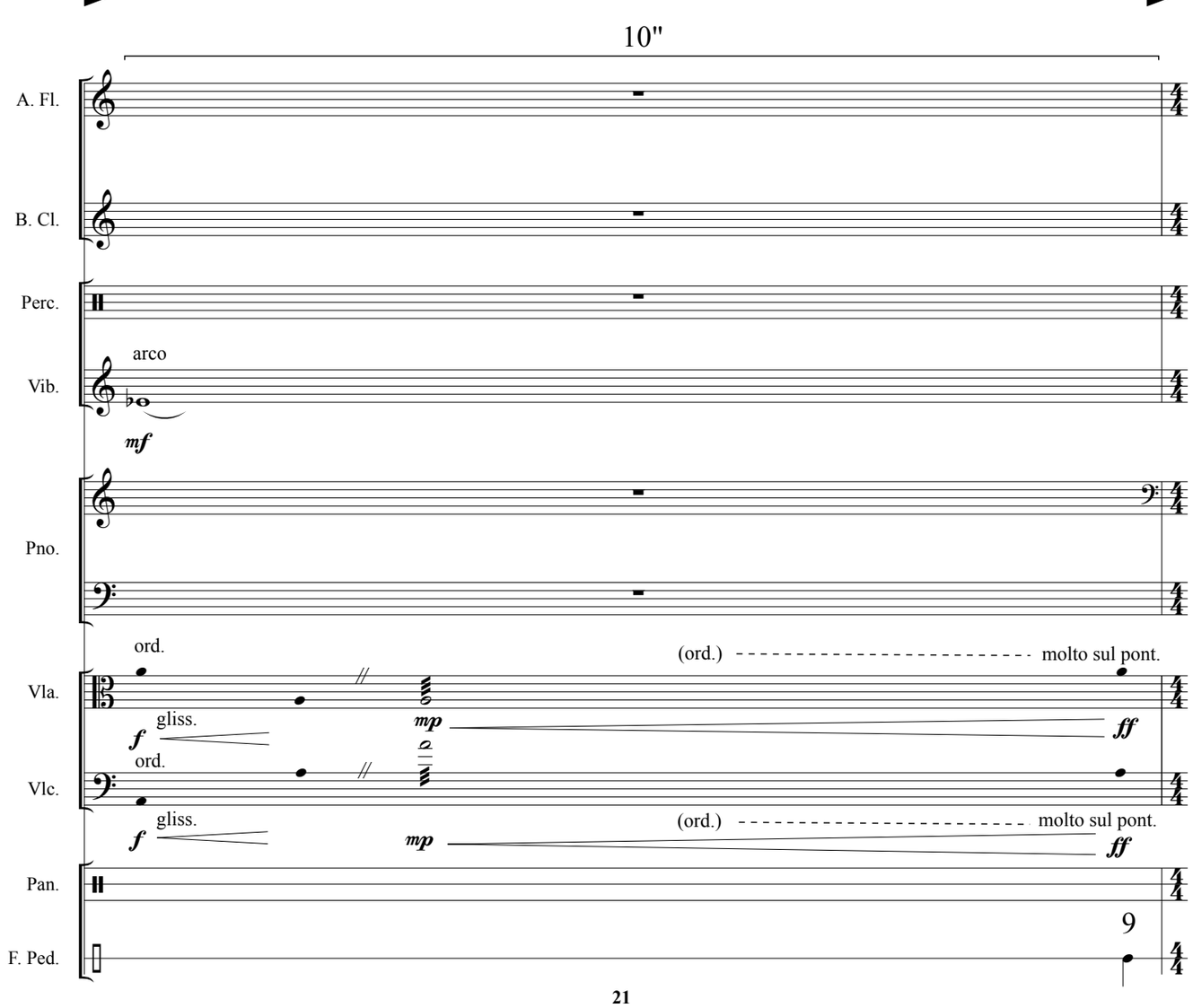
II

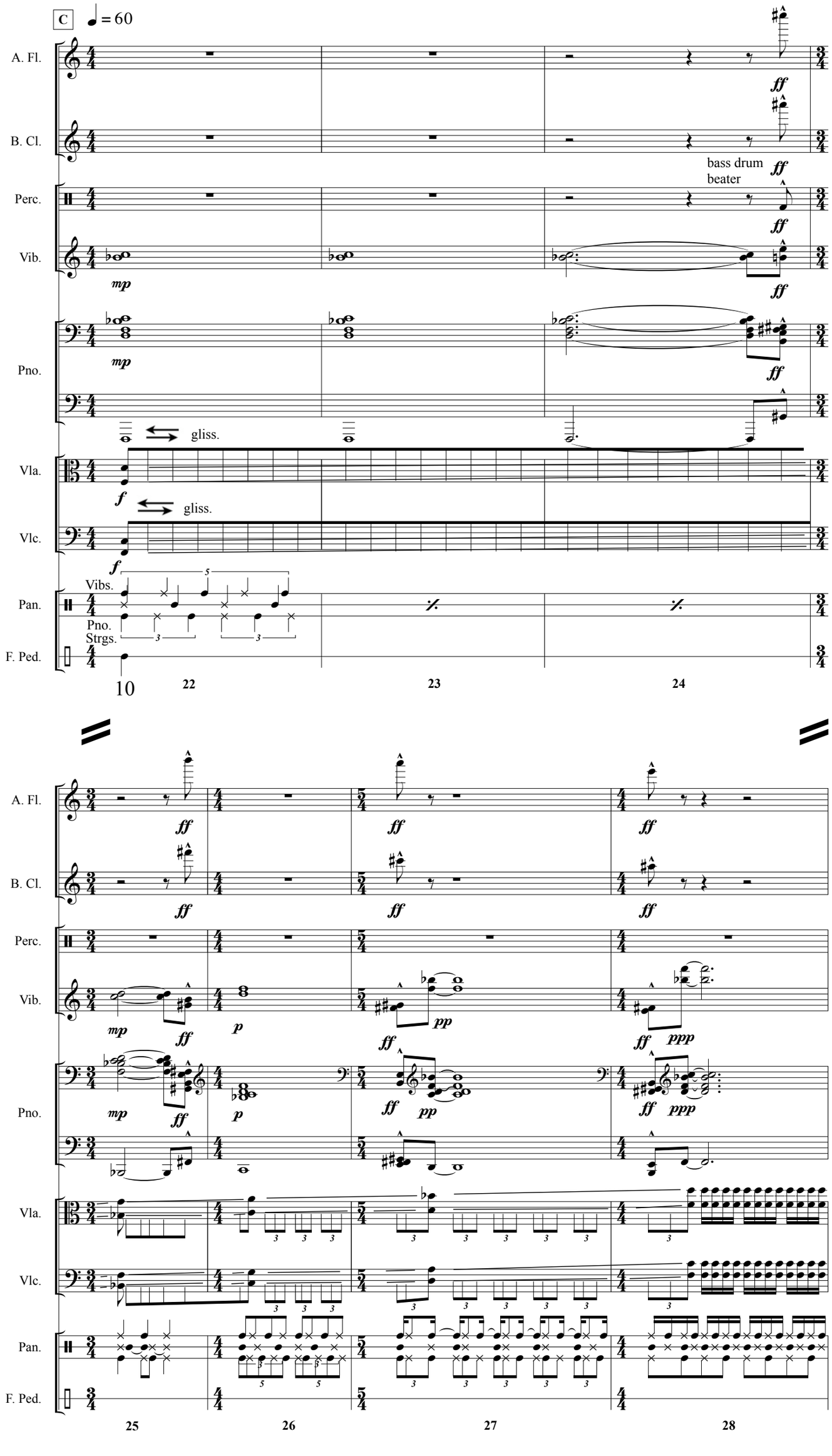

8"
6"
Alto Flute
Bass Clarinet
Percussion
Vibraphone
Piano
Viola
Cello
Panning
Foot Pedal
ppp
mp
pp
mf
1
2
14"
A. Fl.
B. Cl.
arco flexatone - rebow as needed
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
3

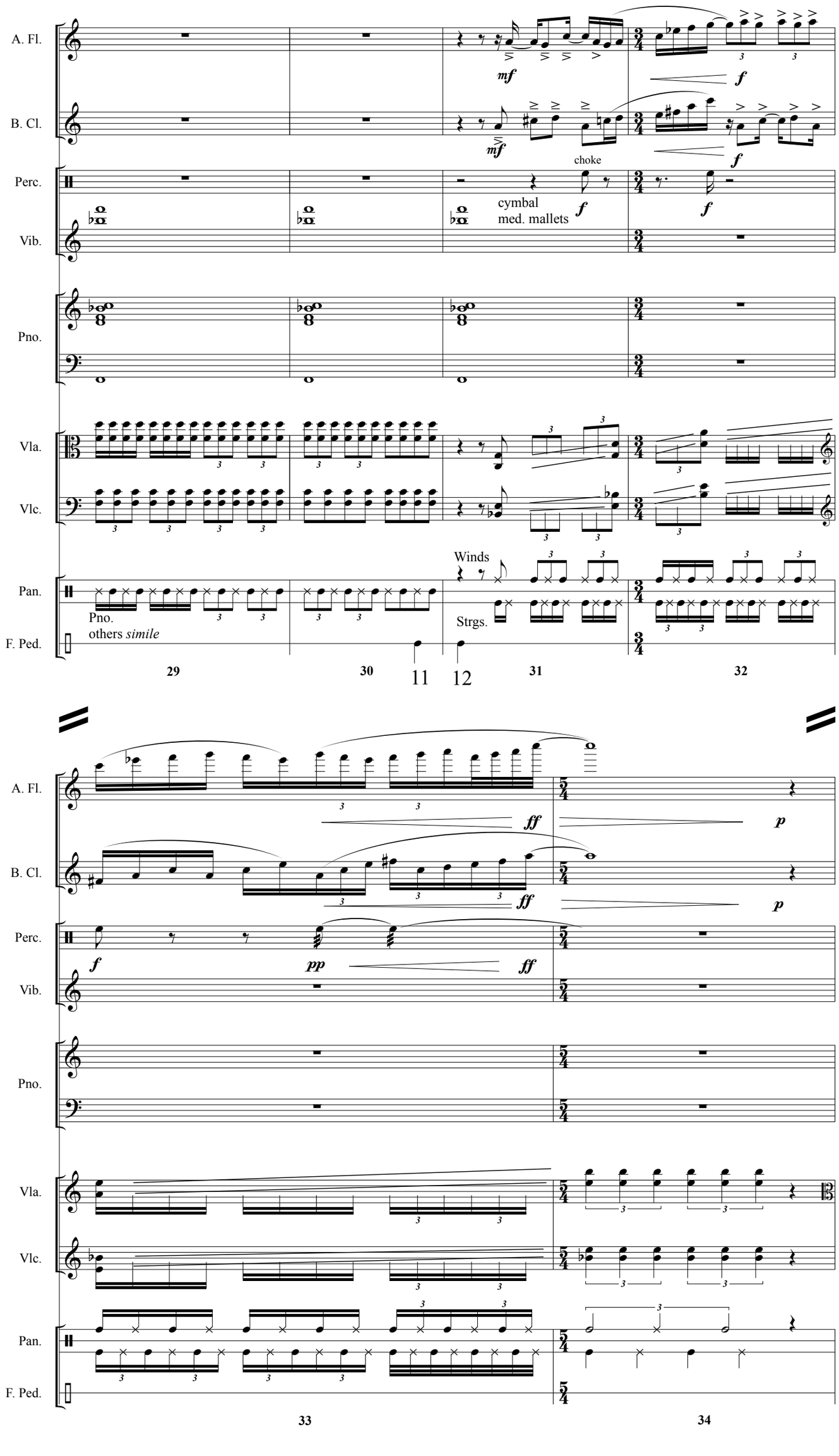

6"
8"
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
mf
ff
f
fff
4
5
6
A
= 60 strict time
mp
8va
A.Fl.
Pno.
7
8
9

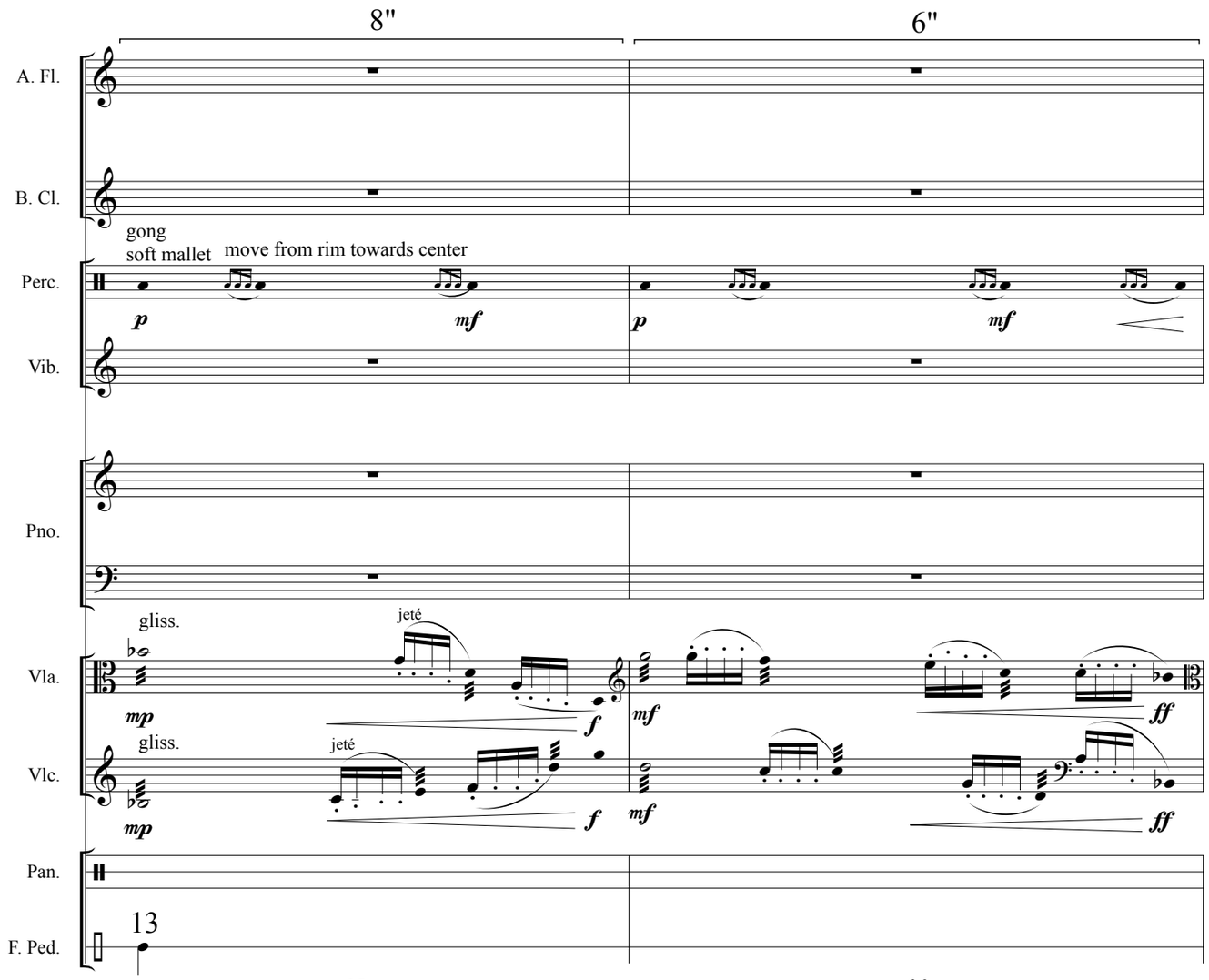

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
p
pp
(8va)
10
11
12
13
B
mp
14
15
16
17

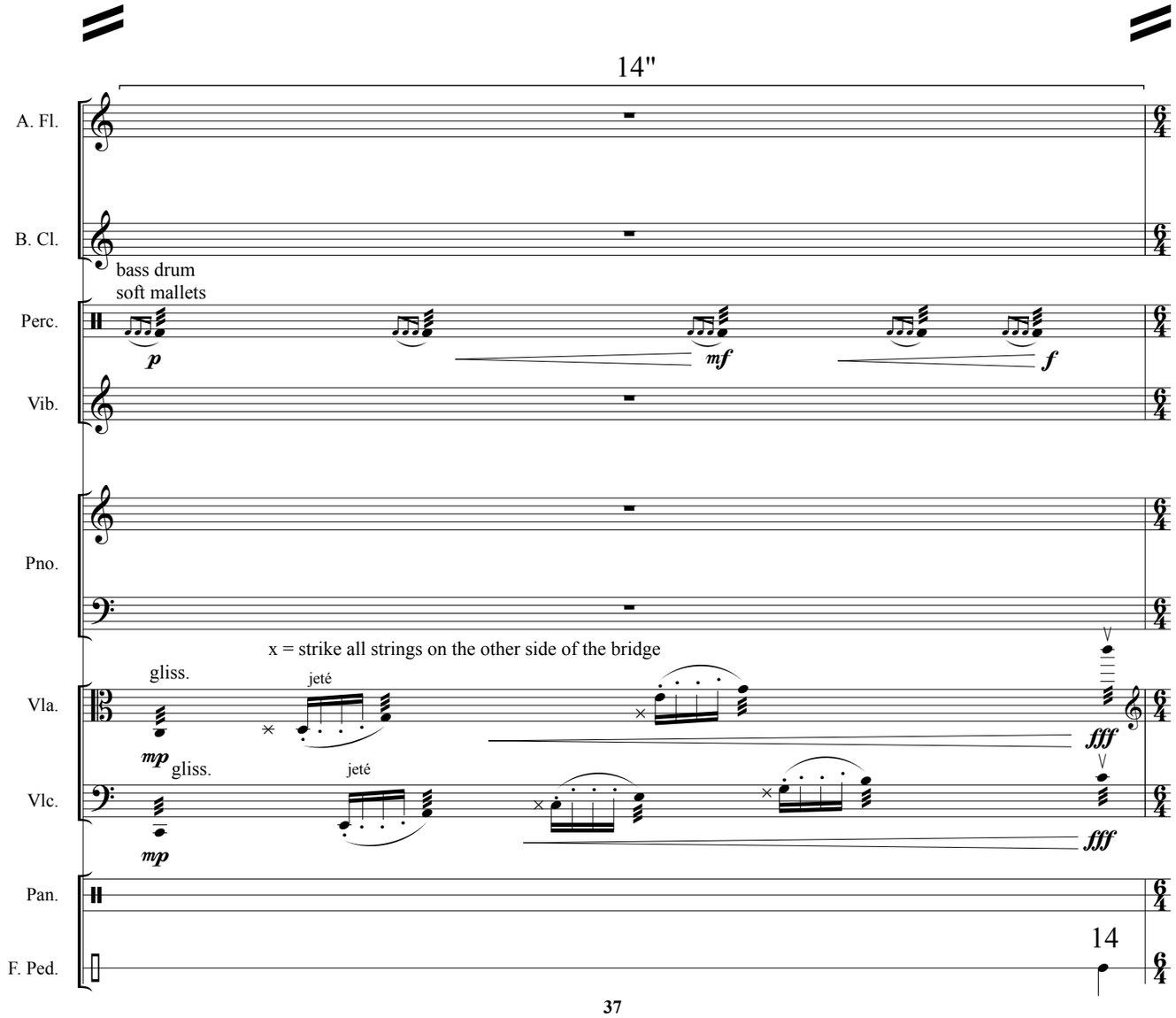

4"
6"
4"
A. Fl.
B. Cl.
Perc.
arco crotale
ff
Vib.
Pno.
Vla.
ord.
sul pont.
ord.
sul pont.
ord.
s.p.
mf
gliss.
ff
f
fff
Vlc.
ord.
sul pont.
ord.
sul pont.
ord.
s.p.
mf
gliss.
ff
f
fff
Pan.
8
F. Ped.
18
19
20

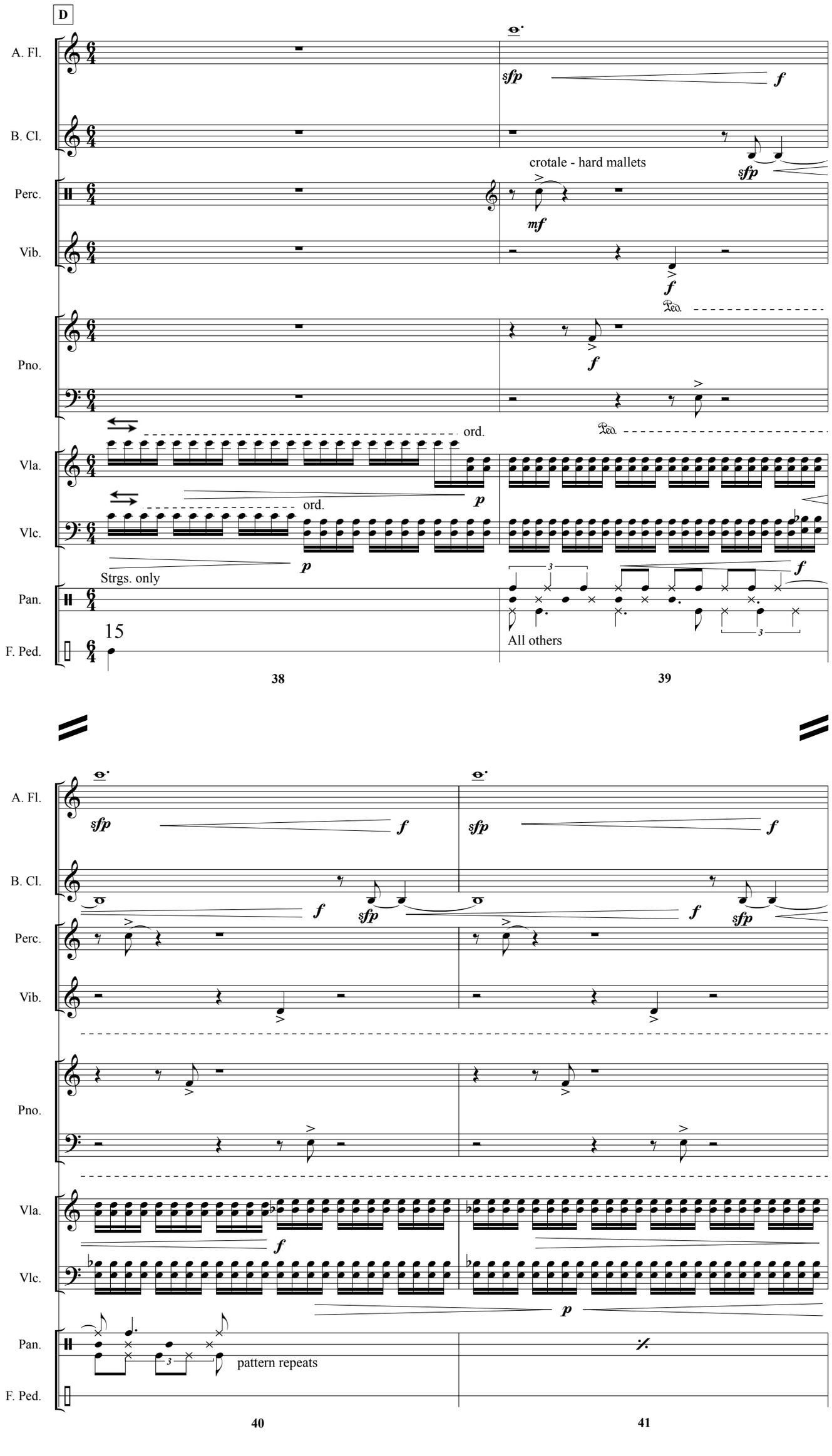

10"
A. Fl.
B. Cl.
Perc.
Vib.
arco
mf
Pno.
Vla.
ord.
(ord.)
molto sul pont.
f
gliss.
mp
ff
Vlc.
ord.
(ord.)
molto sul pont.
f
gliss.
mp
ff
Pan.
9
F. Ped.

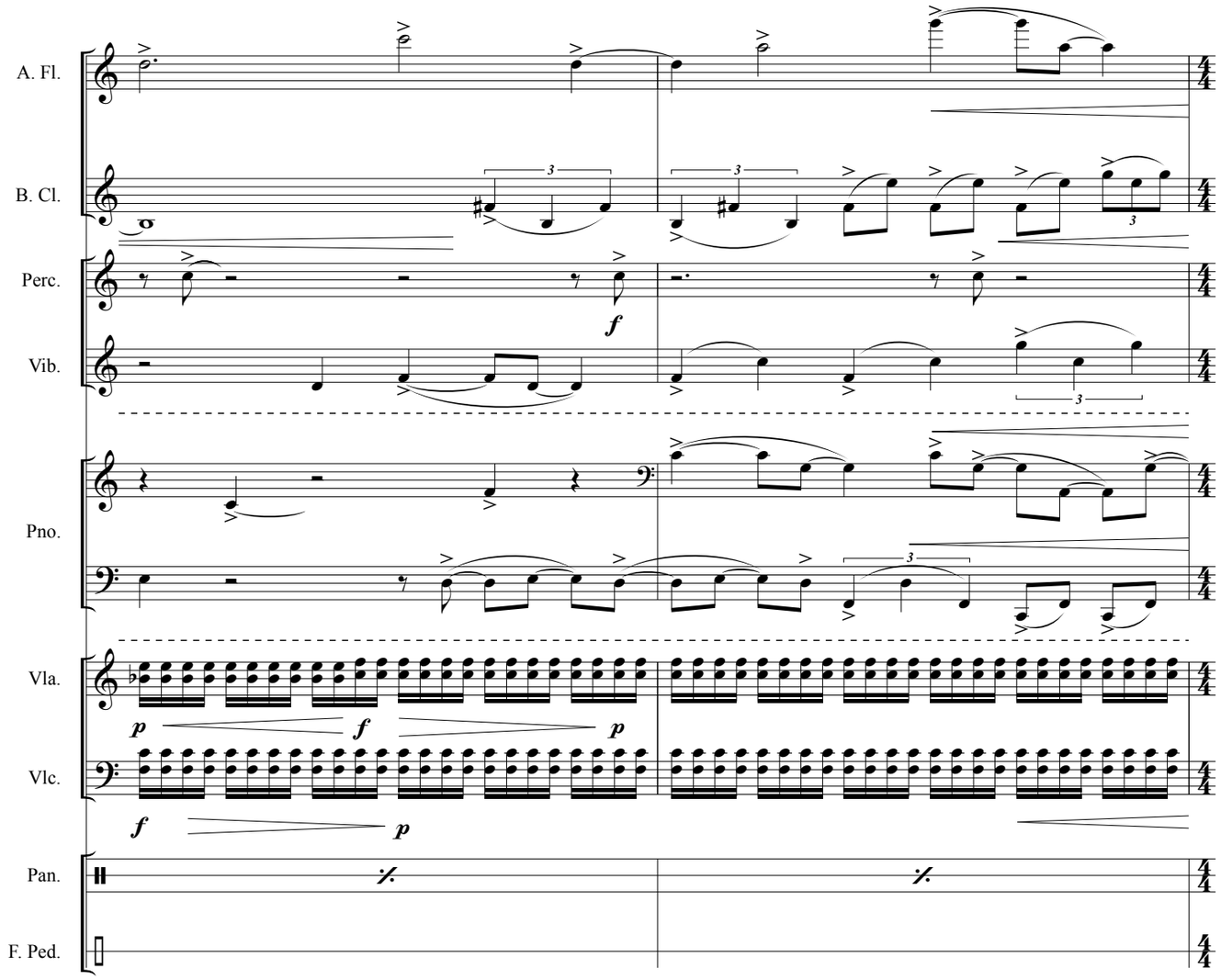

C
♩ = 60
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
bass drum beater
gliss.
gliss.
Vibs.
Pno.
Strgs.
10
22
23
24
25
26
27
28

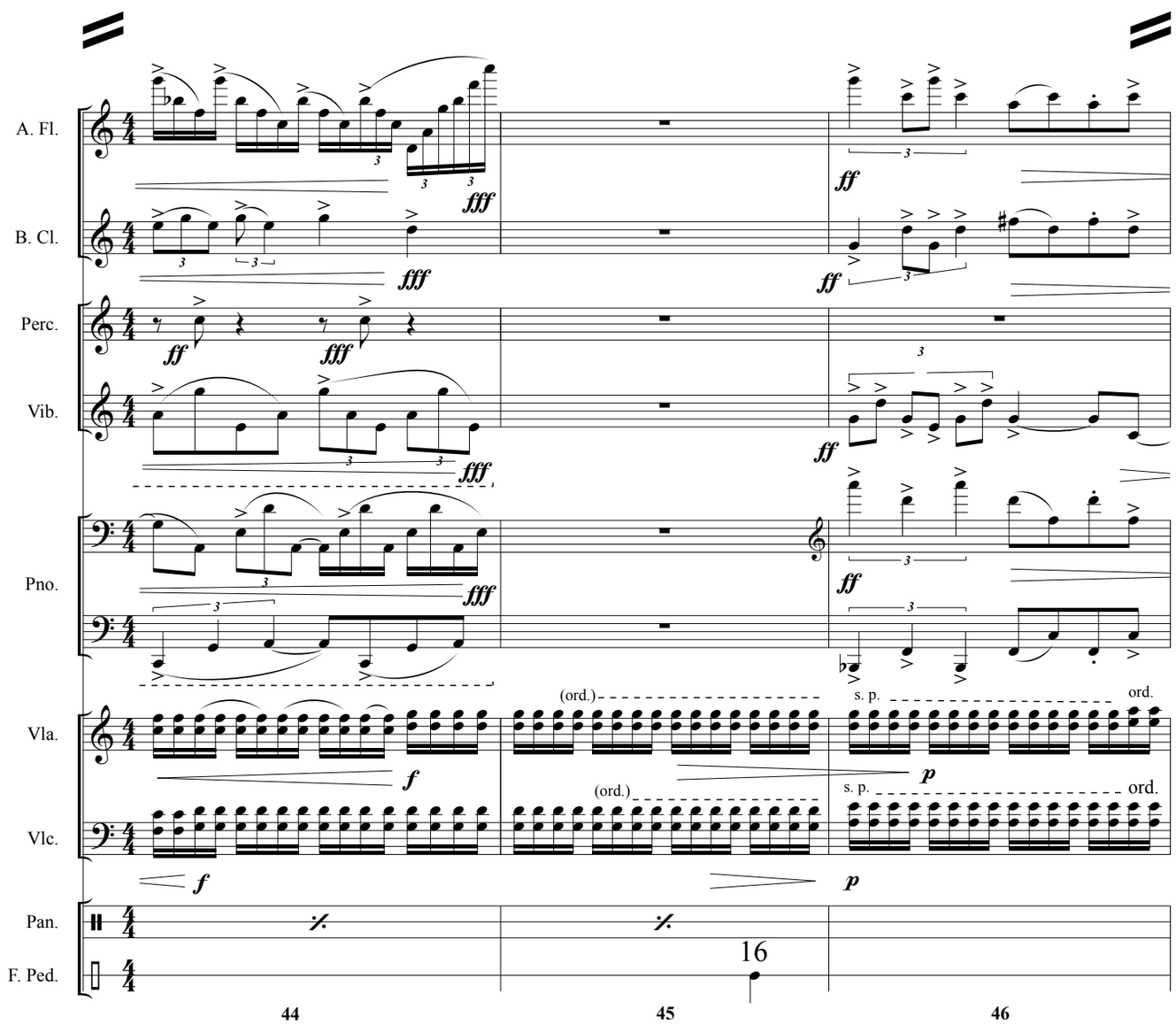

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
mf
f
choke
cymbal
med. mallets
Winds
Strgs.
Pno.
others simile
29
30
11
12
31
32
ff
p
pp
33
34

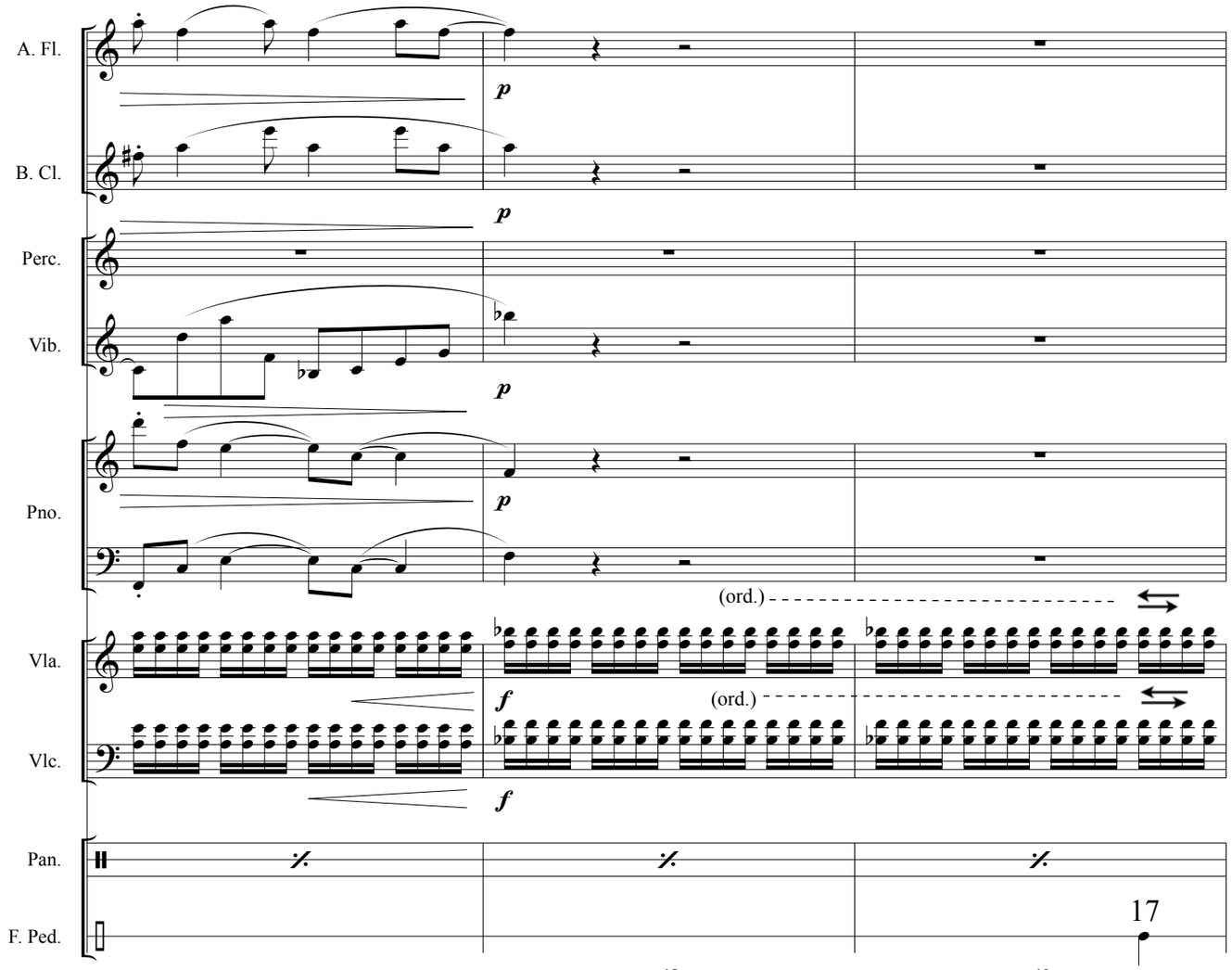

8"
6"
A. Fl.
B. Cl.
gong
soft mallet
move from rim towards center
Perc.
p
mf
p
mf
Vib.
Pno.
gliss.
jeté
Vla.
mp
f
mf
ff
gliss.
jeté
Vlc.
mp
f
mf
ff
Pan.
13
F. Ped.
35
36

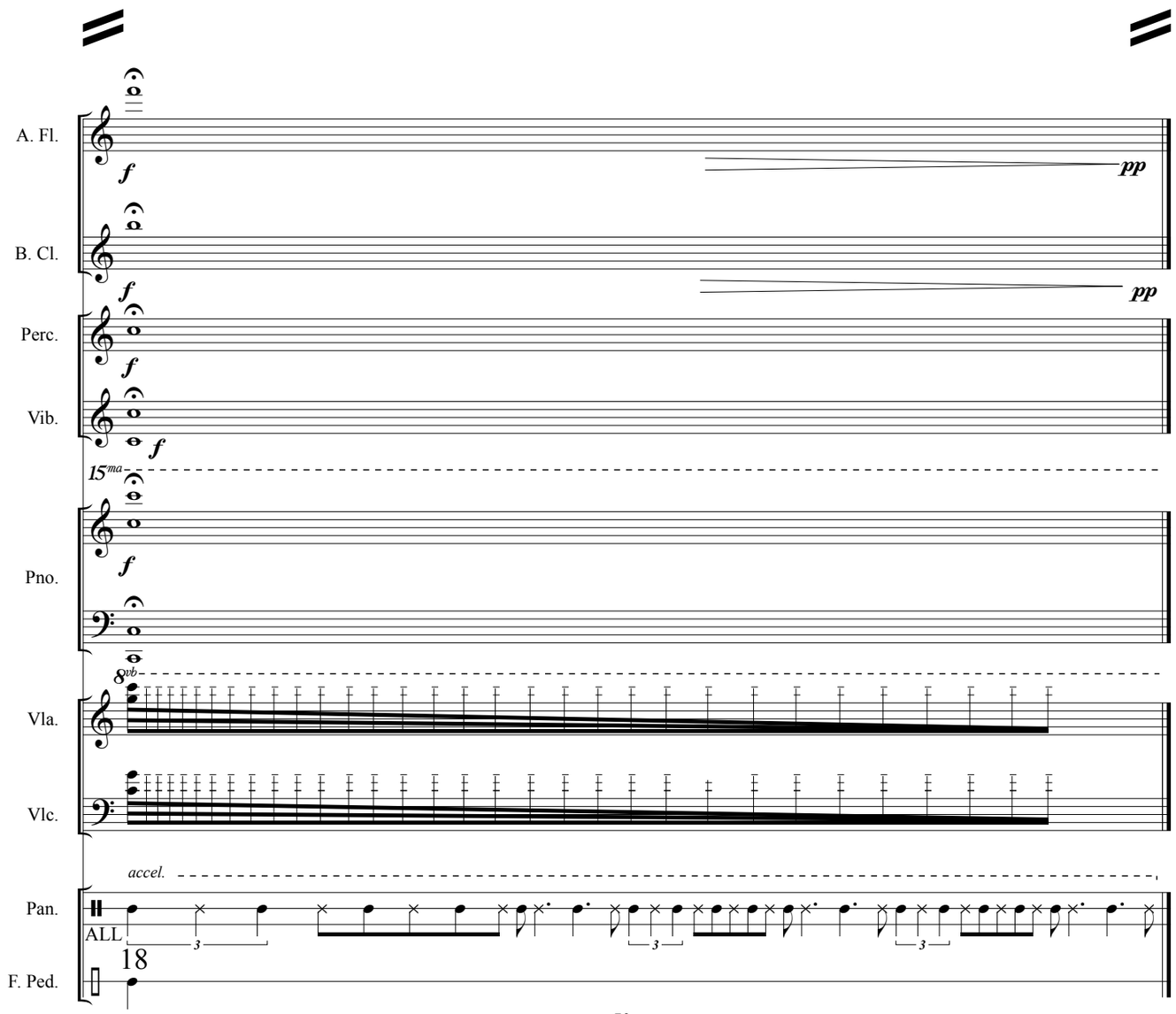

14"
A. Fl.
B. Cl.
bass drum
soft mallets
Perc.
p
mf
f
Vib.
Pno.
x = strike all strings on the other side of the bridge
gliss.
jeté
Vla.
mp
fff
gliss.
jeté
Vlc.
mp
fff
Pan.
14
F. Ped.
37


D
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
crotale - hard mallets
ord.
ord.
Strgs. only
All others
pattern repeats
15
38
39
40
41

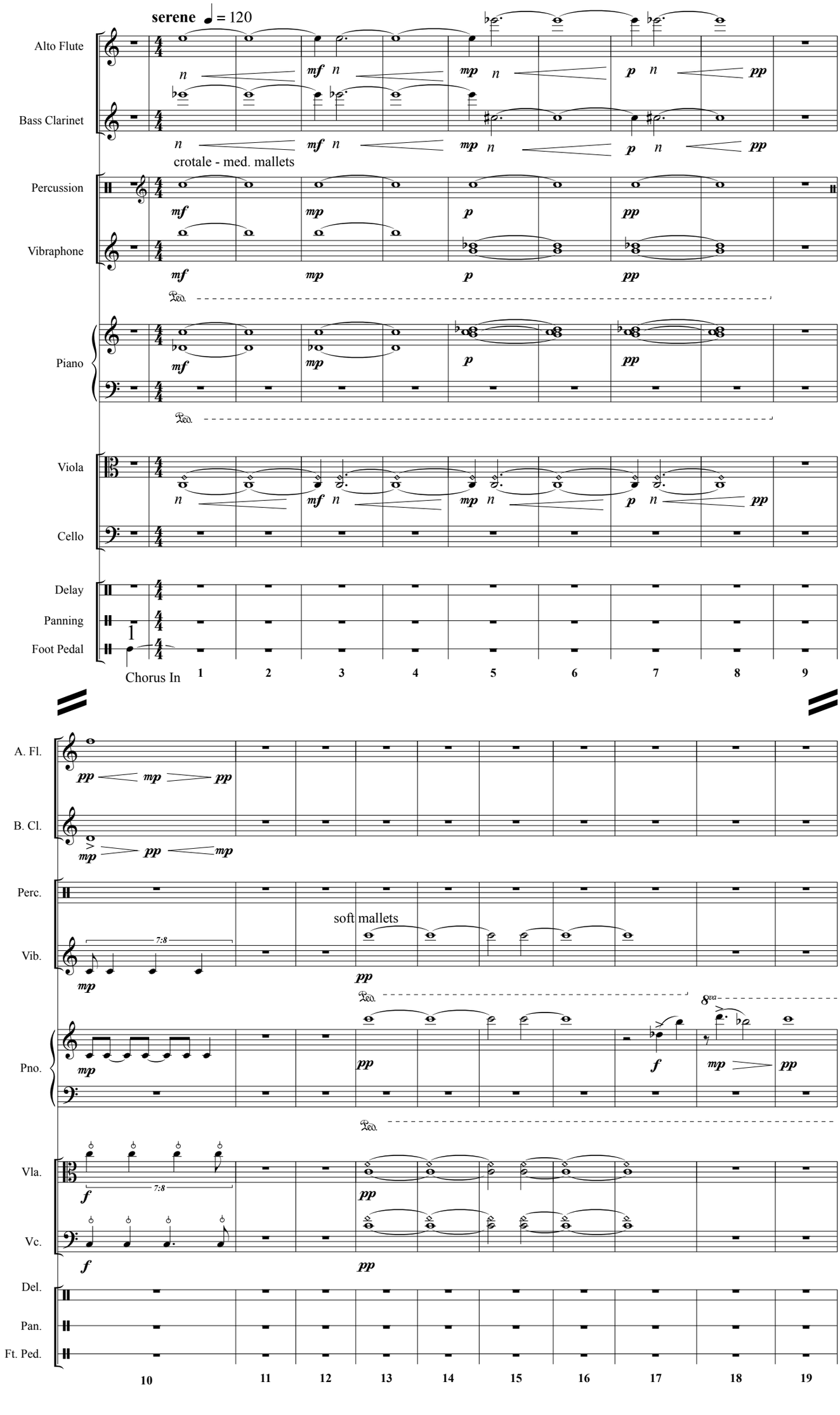

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
42
43

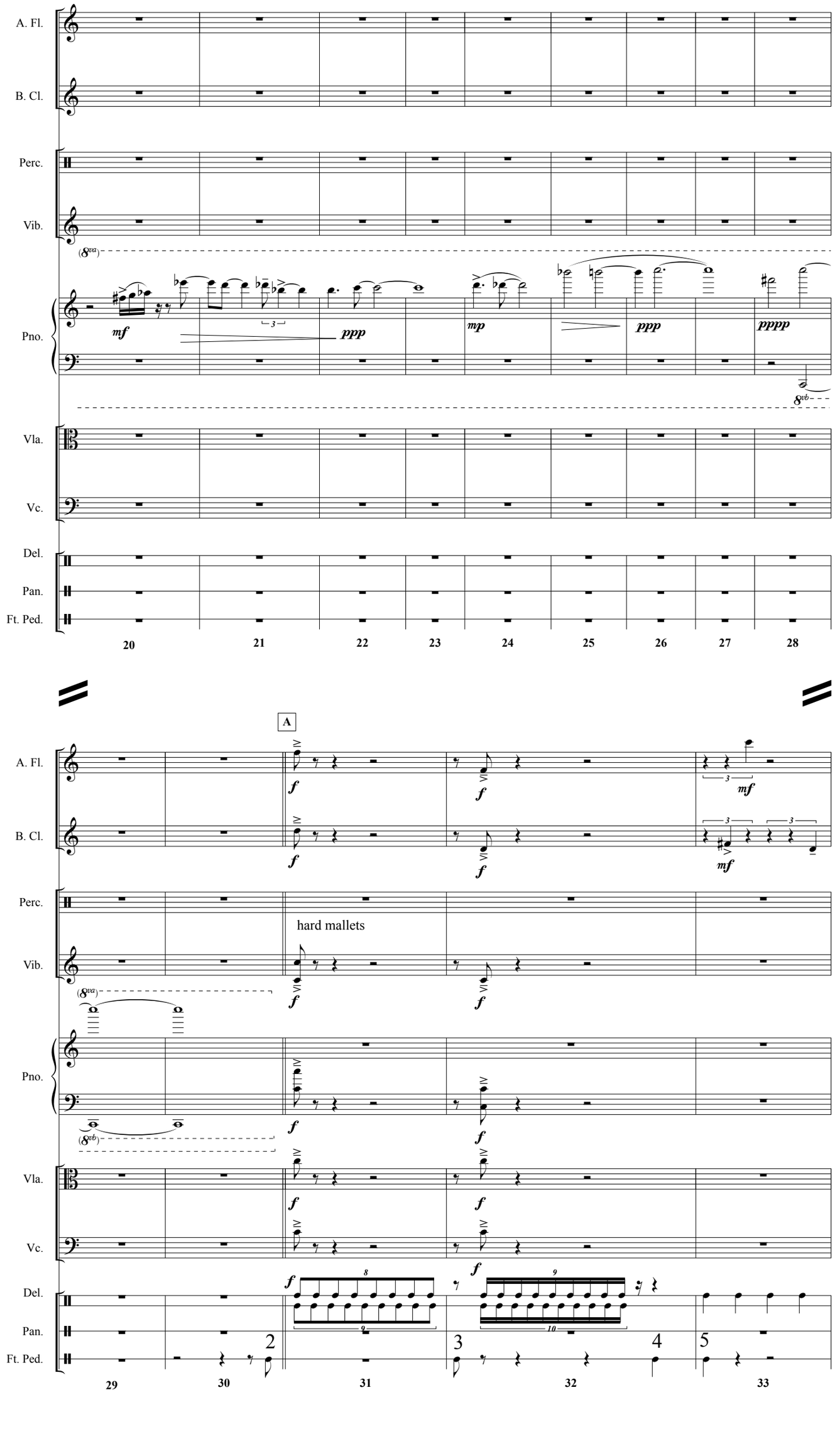

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
(ord.)
s. p.
ord.
44
45
46

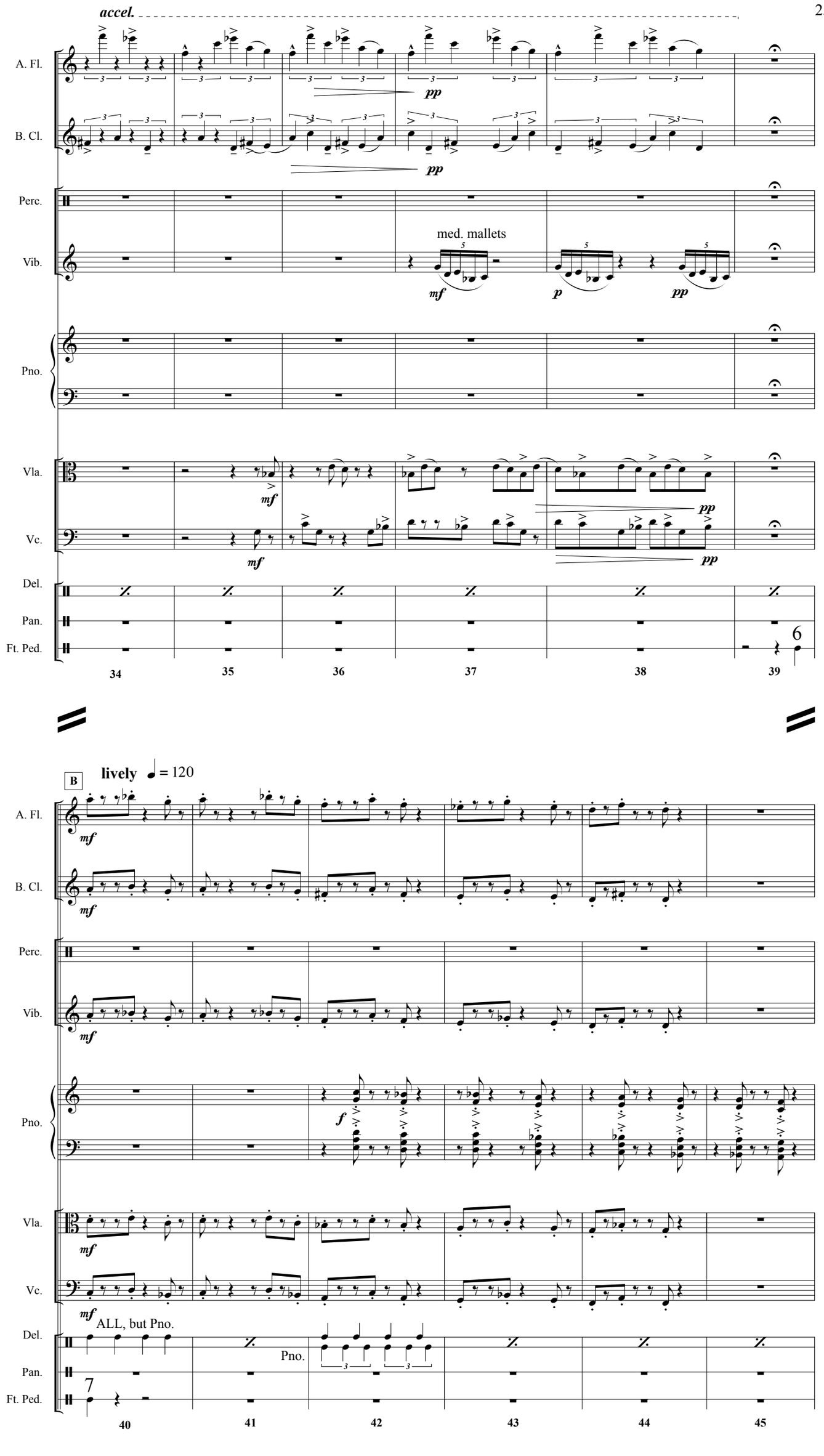

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
p
(ord.)
f
17
47
48
49

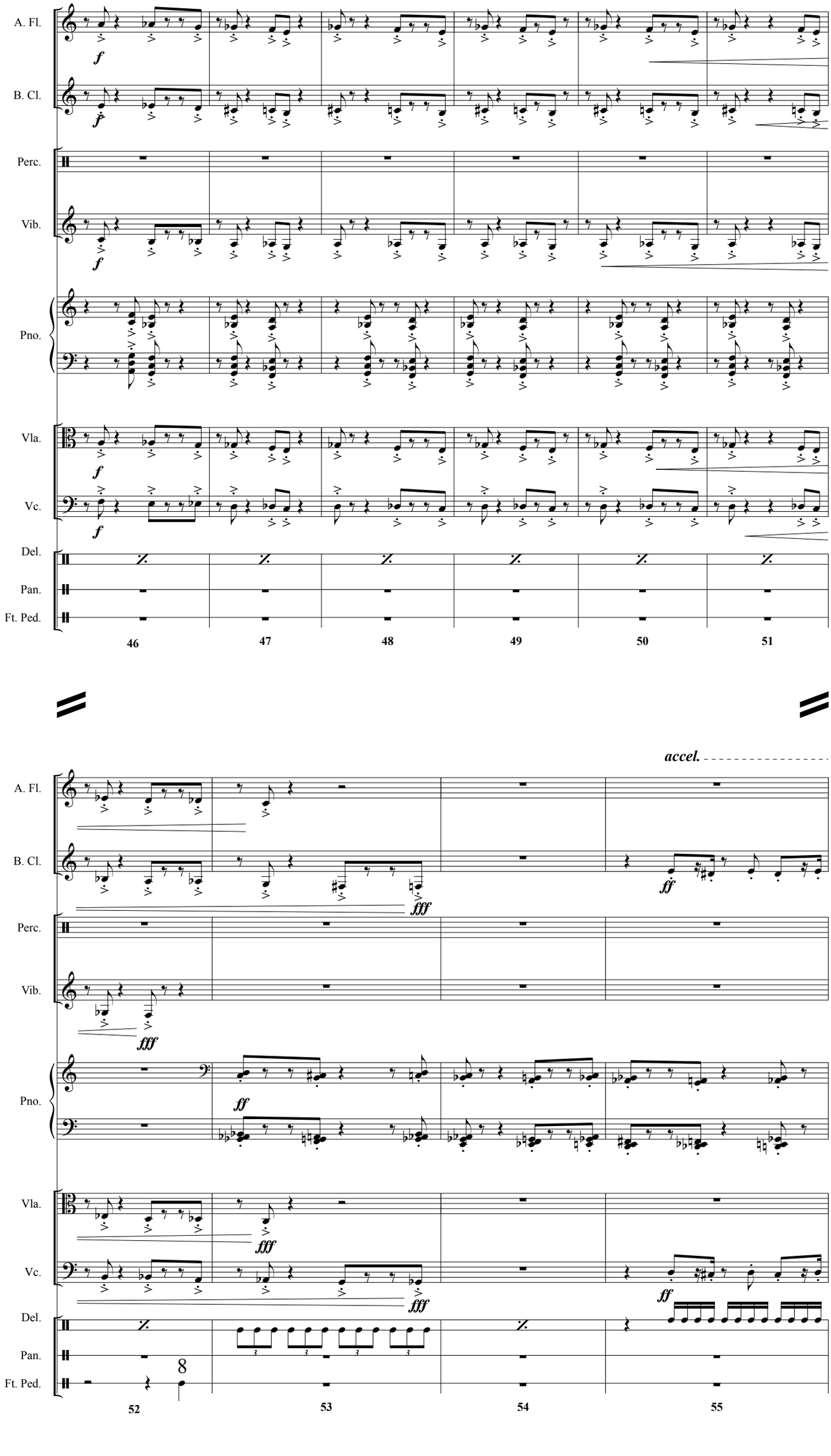

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vlc.
Pan.
F. Ped.
f
pp
15ma
8vb
accel.
ALL
18

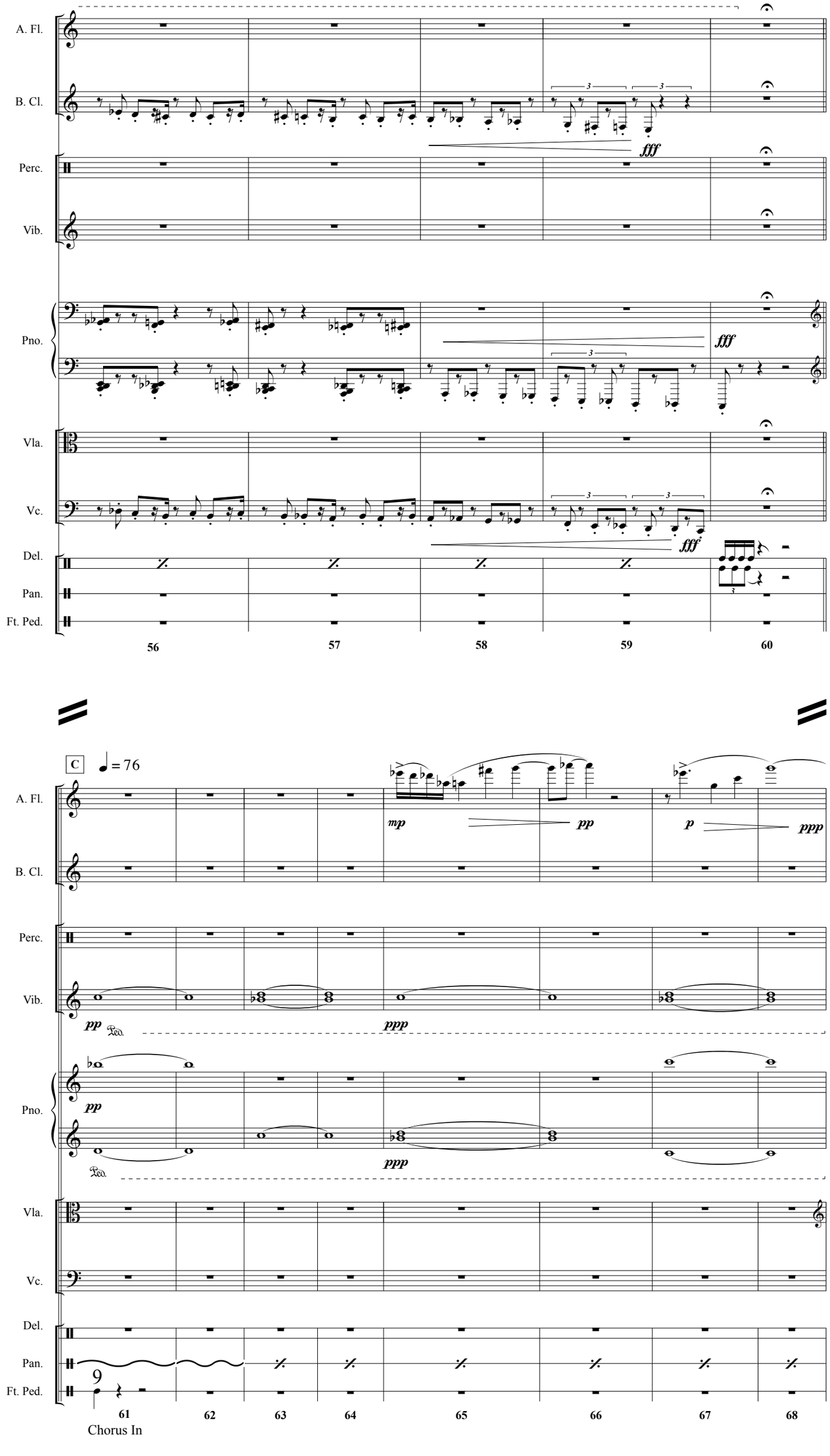
III

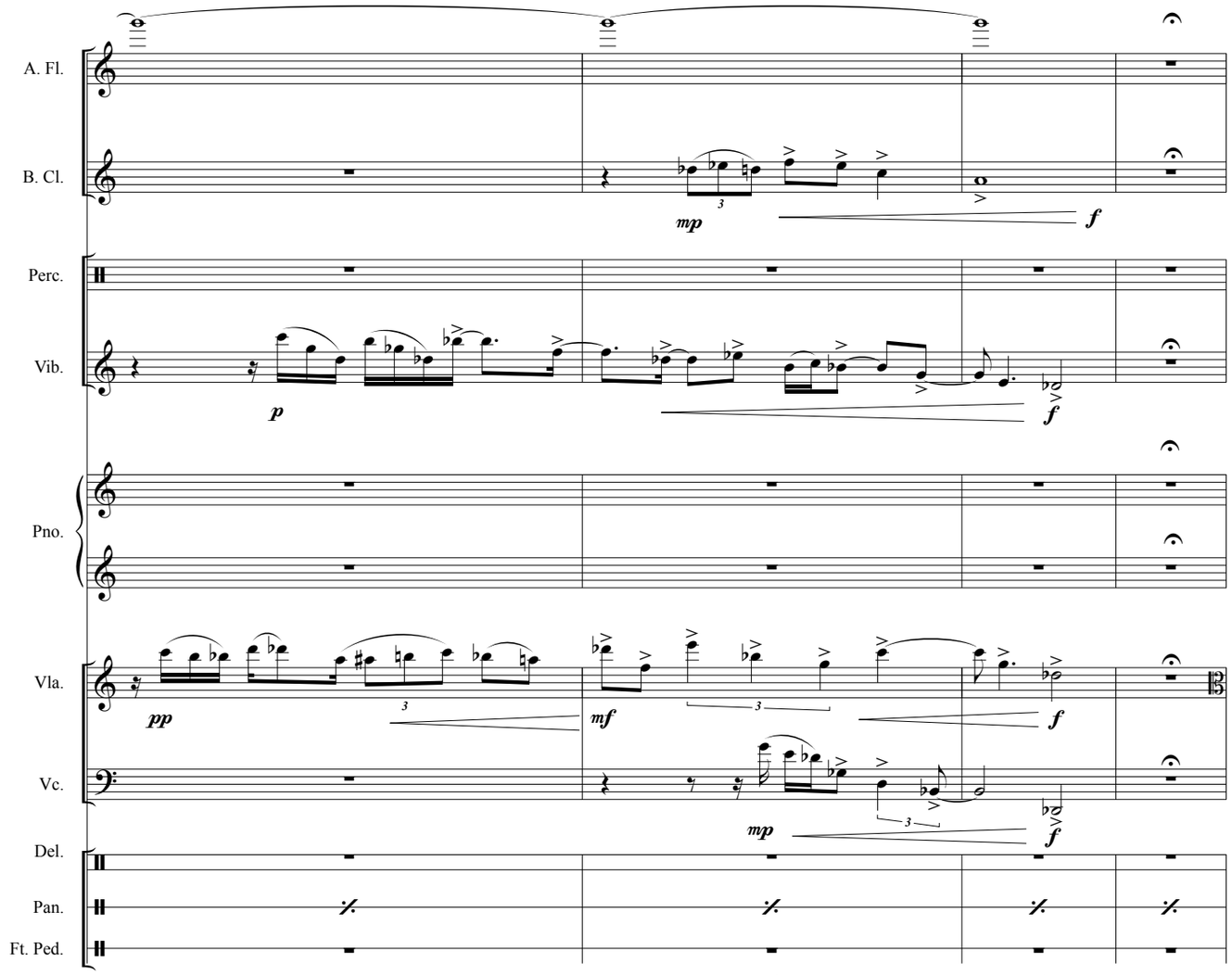

serene ♩ = 120
Alto Flute
Bass Clarinet
crotale - med. mallets
Percussion
Vibraphone
Piano
Viola
Cello
Delay
Panning
Foot Pedal
Chorus In
1 2 3 4 5 6 7 8 9
A. Fl.
B. Cl.
Perc.
soft mallets
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
10 11 12 13 14 15 16 17 18 19

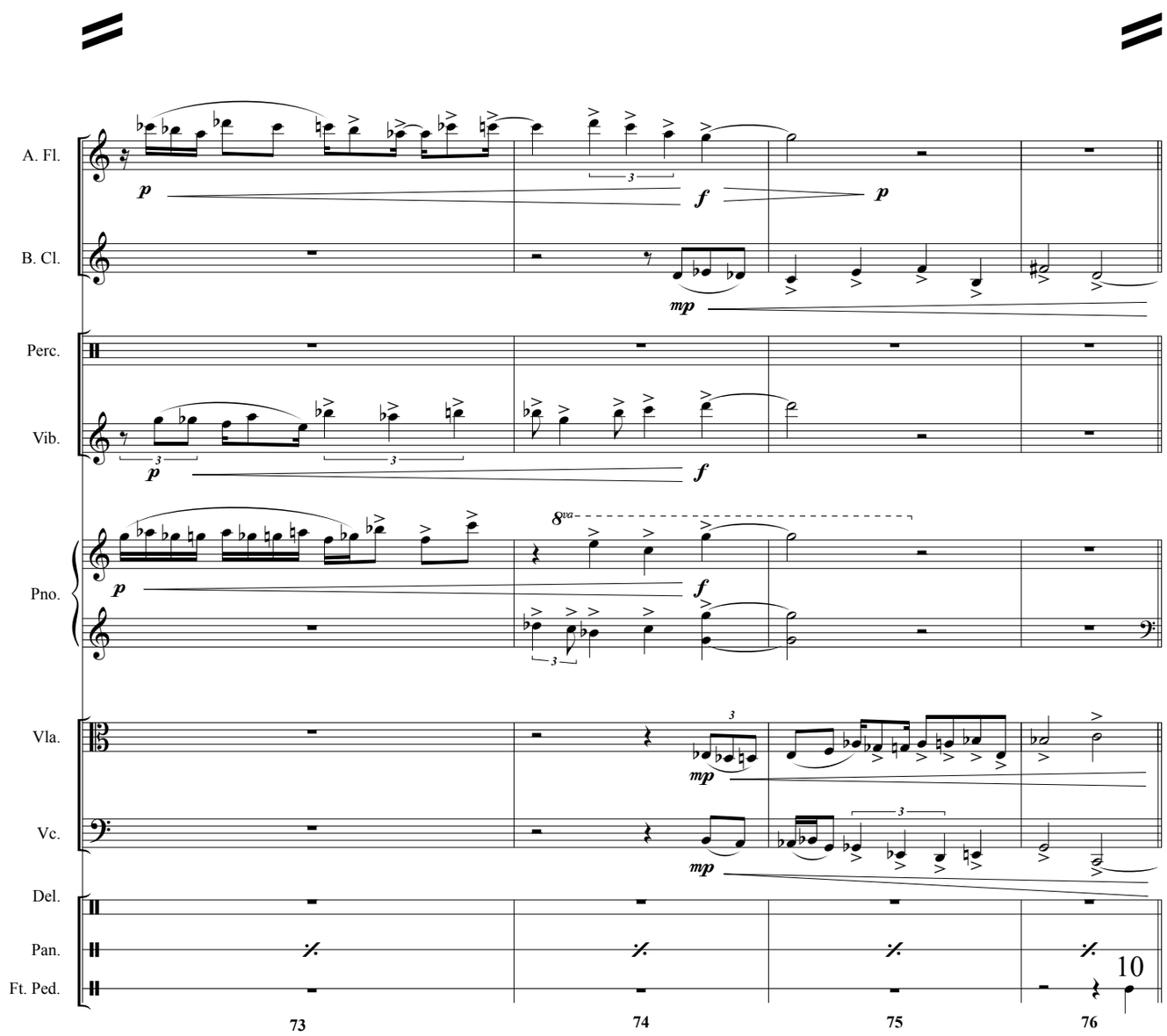

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
(8va)
8vb
mf
ppp
mp
ppp
pppp
20
21
22
23
24
25
26
27
28
A
f
mf
hard mallets
(8va)
(8vb)
29
30
31
32
33

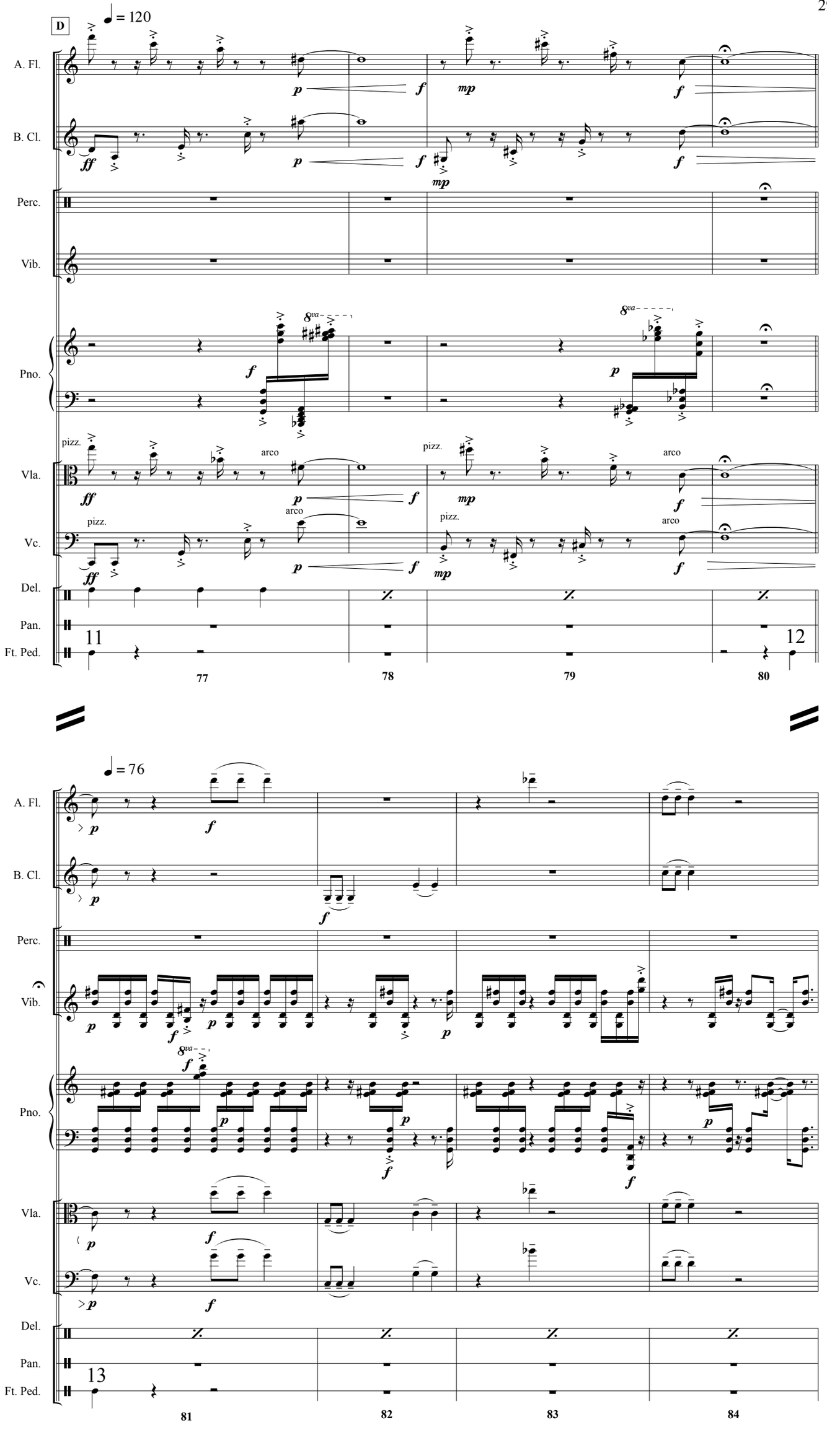

accel.
A. Fl.
B. Cl.
Perc.
Vib.
med. mallets
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
pp
mf
p
6
34
35
36
37
38
39
B
lively ♩ = 120
f
ALL, but Pno.
Pno.
7
40
41
42
43
44
45

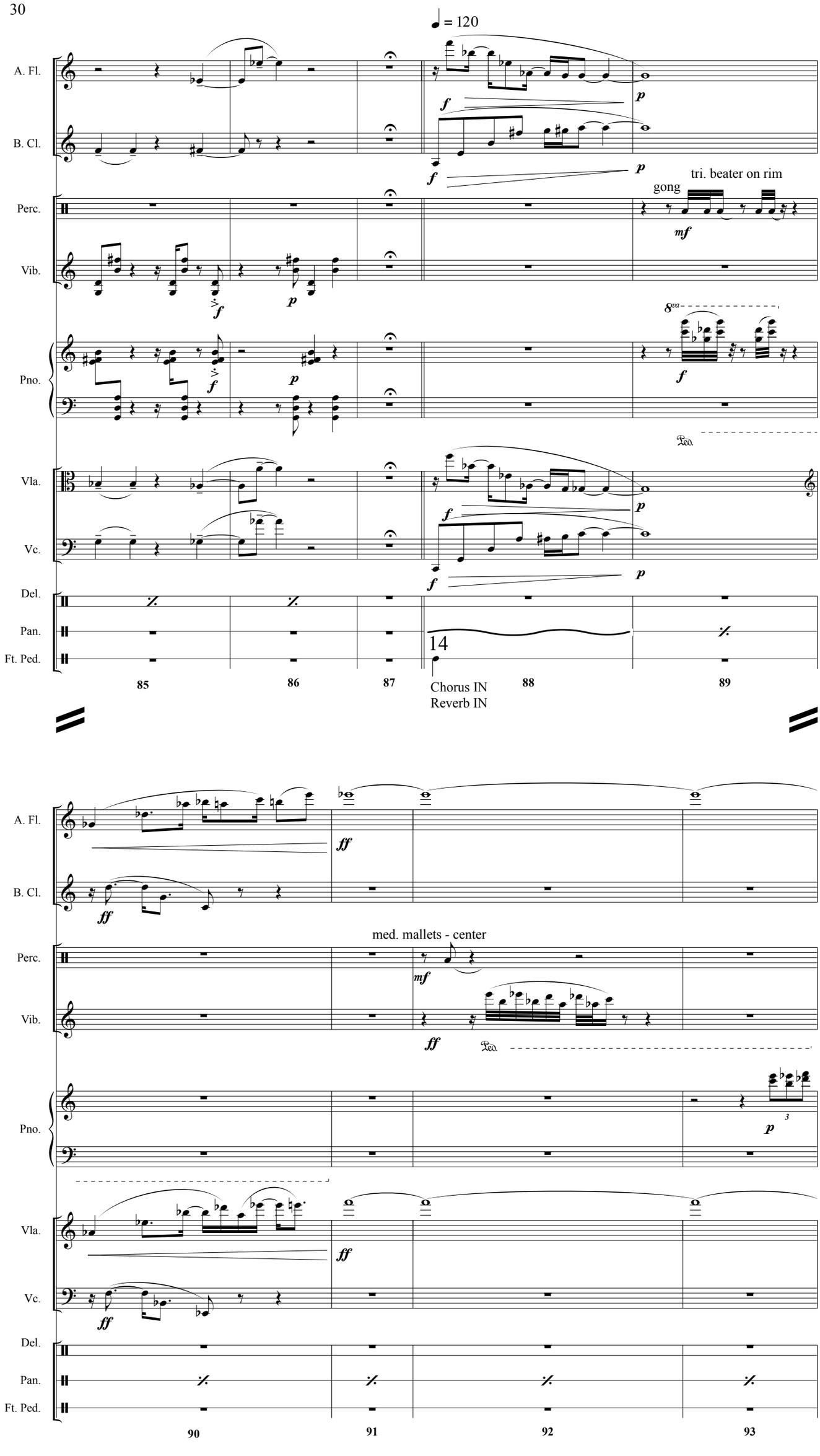

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
f
fff
ff
accel.
8
46
47
48
49
50
51
52
53
54
55

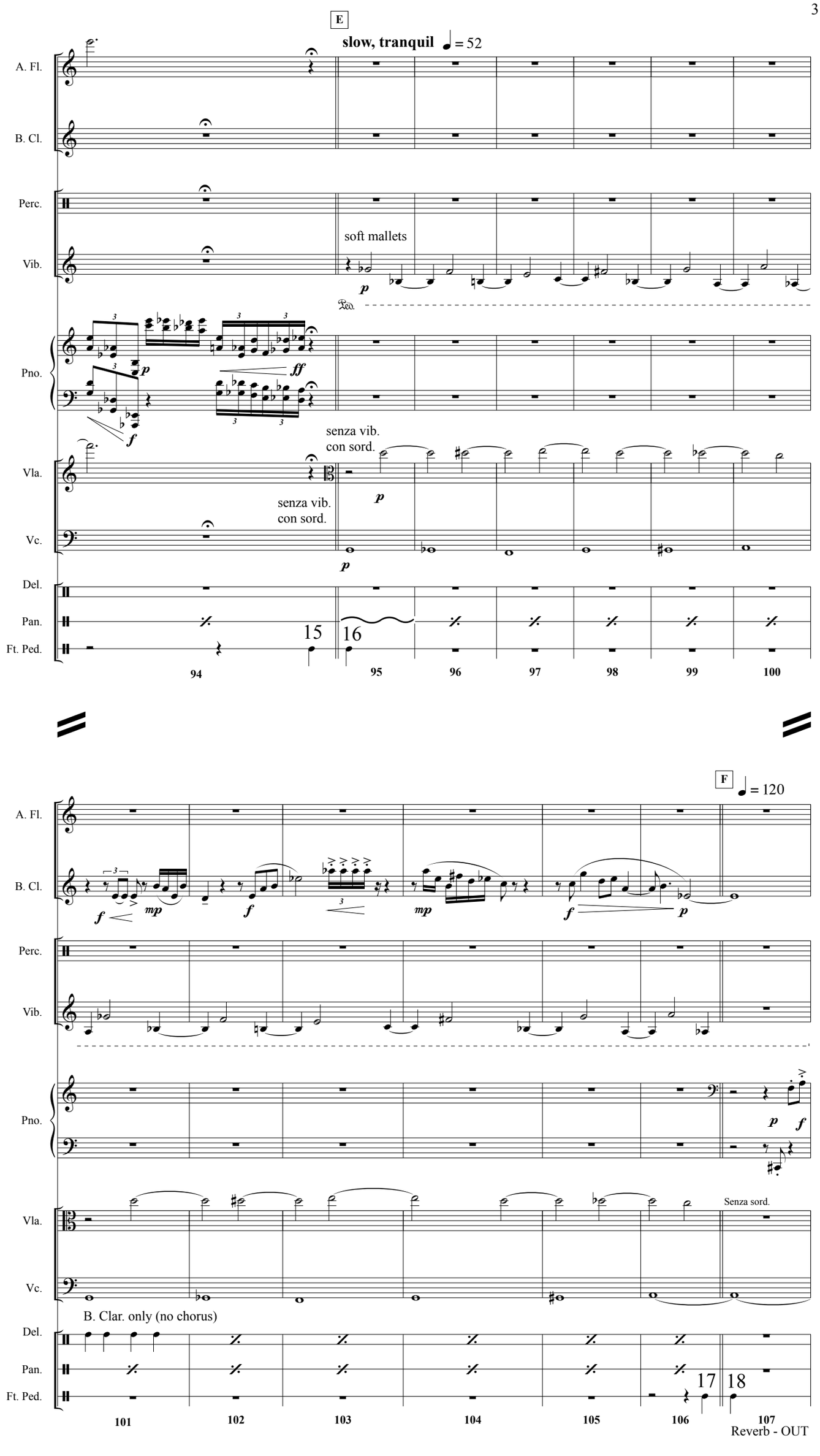

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
fff
56
57
58
59
60
C
♩ = 76
mp
pp
p
ppp
61
62
63
64
65
66
67
68
Chorus In

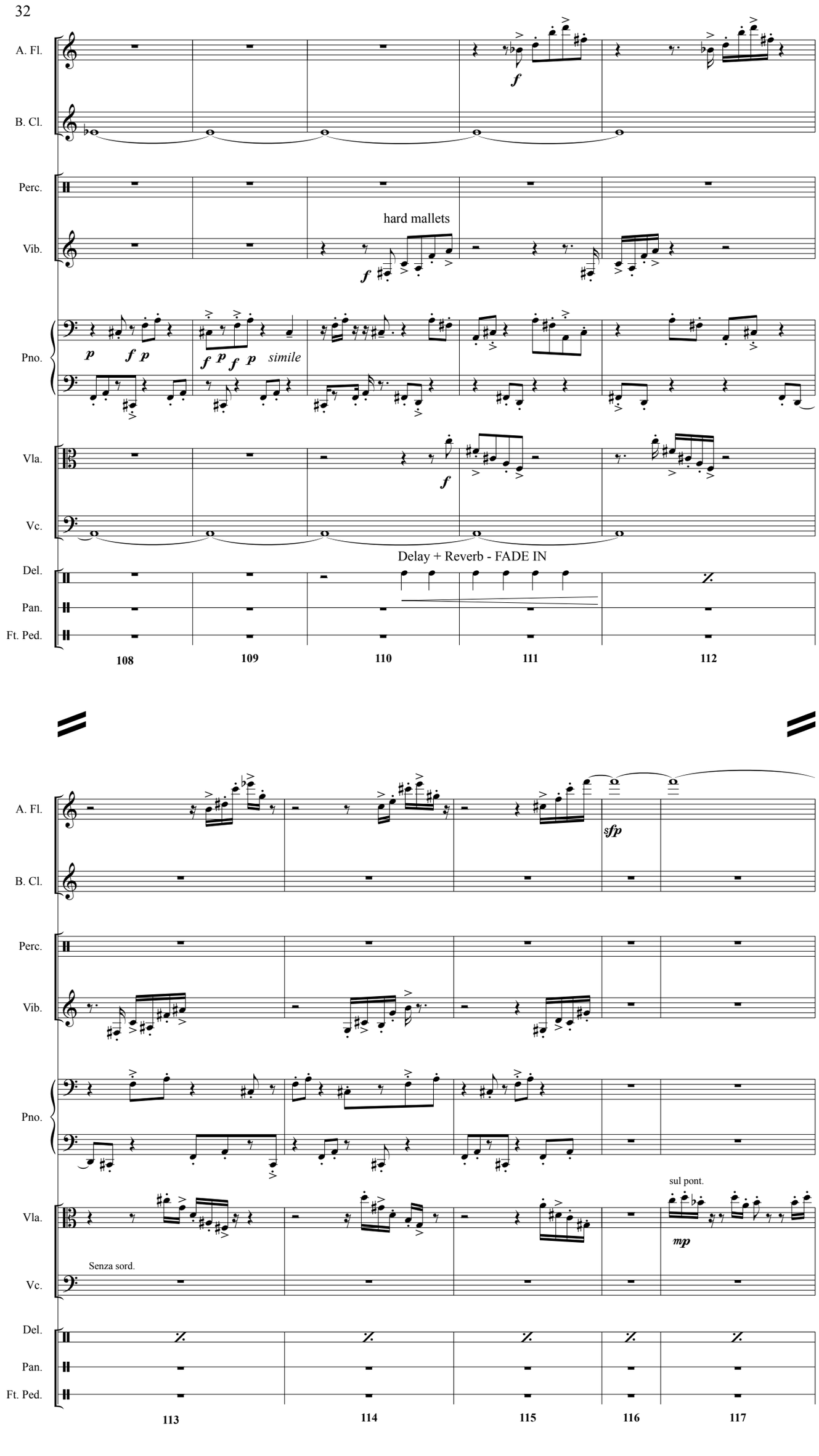

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
69
70
71
72

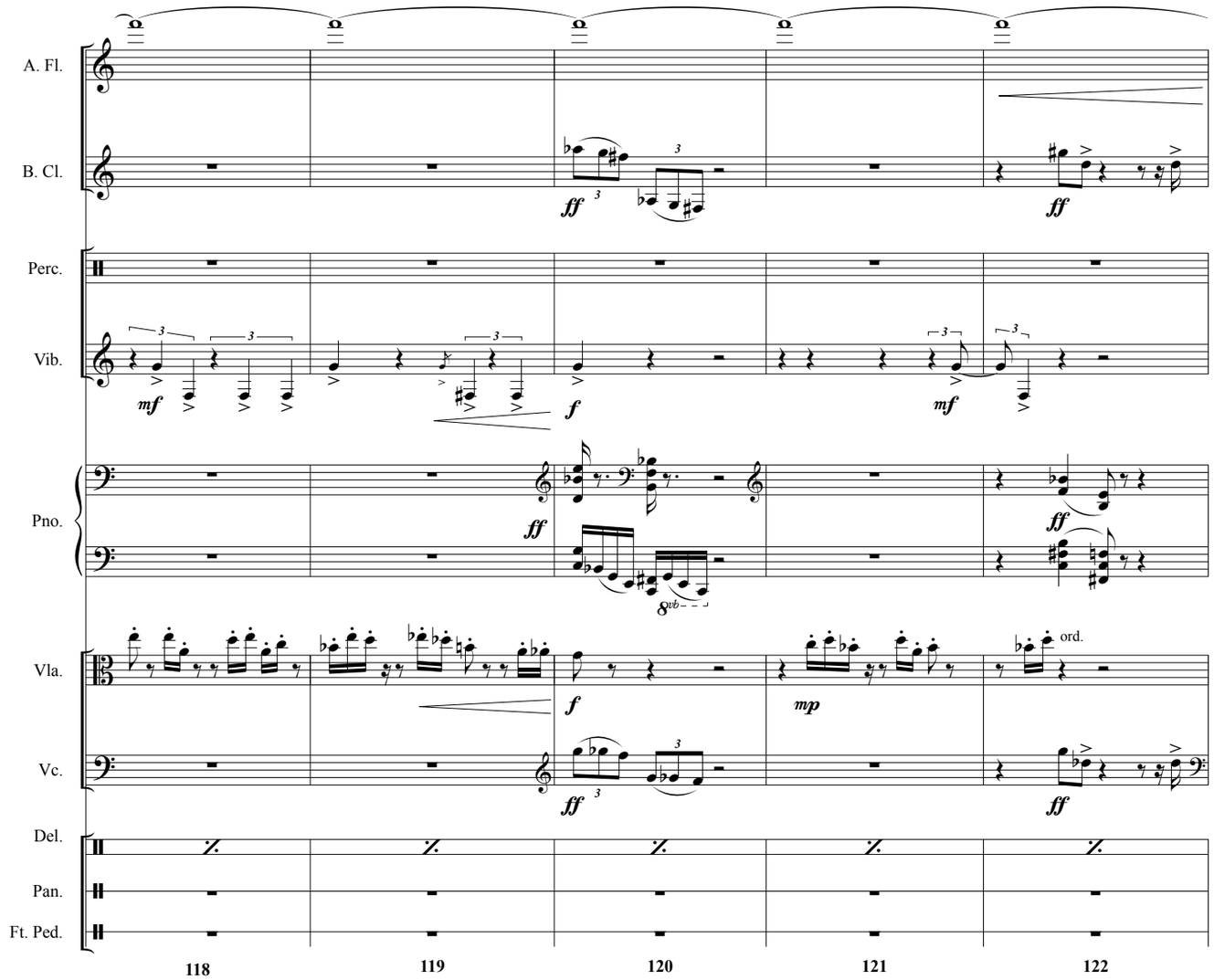

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
8va
73
74
75
76

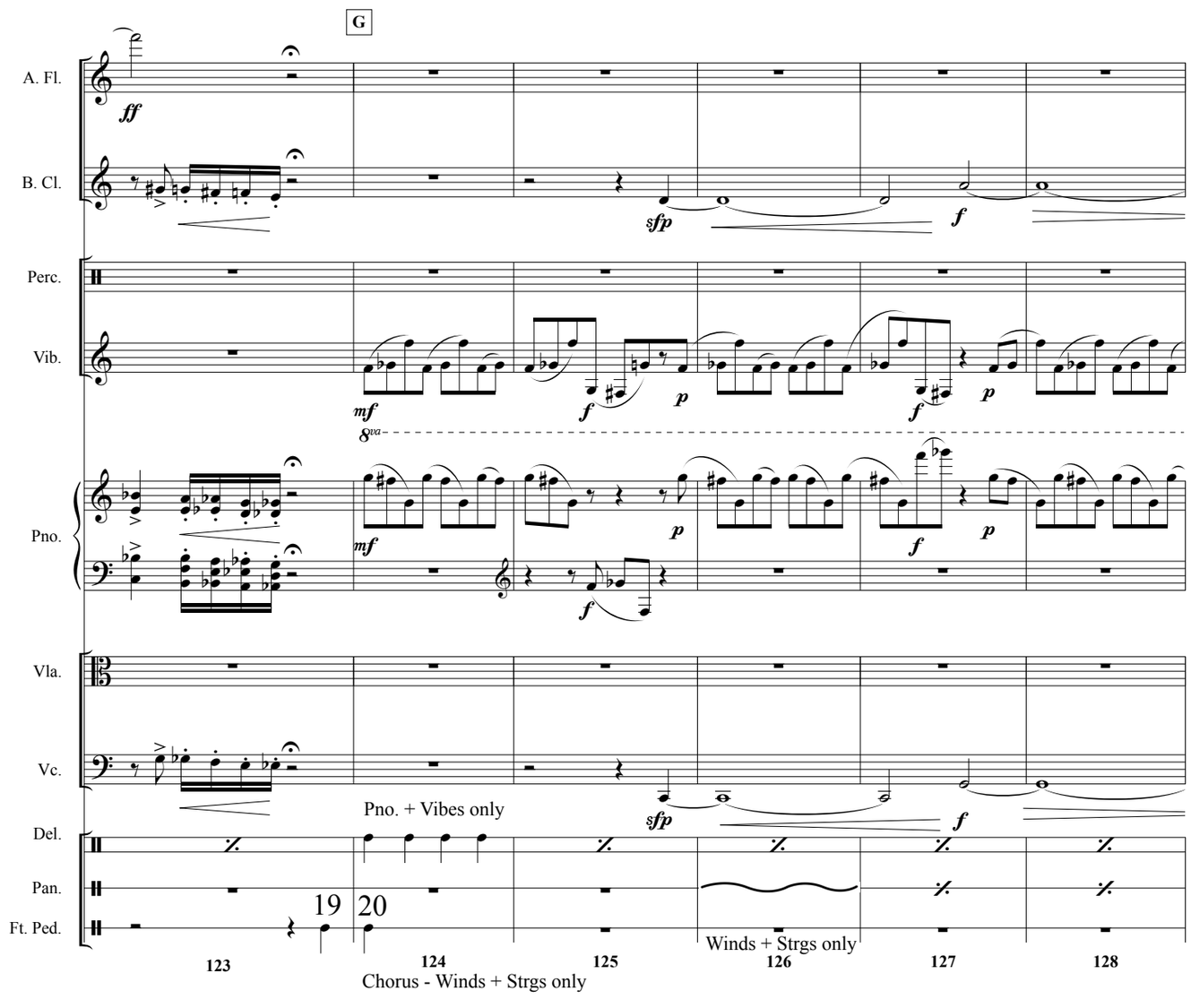

D
♩ = 120
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
pizz.
arco
8va
11
12
77
78
79
80
♩ = 76
13
81
82
83
84

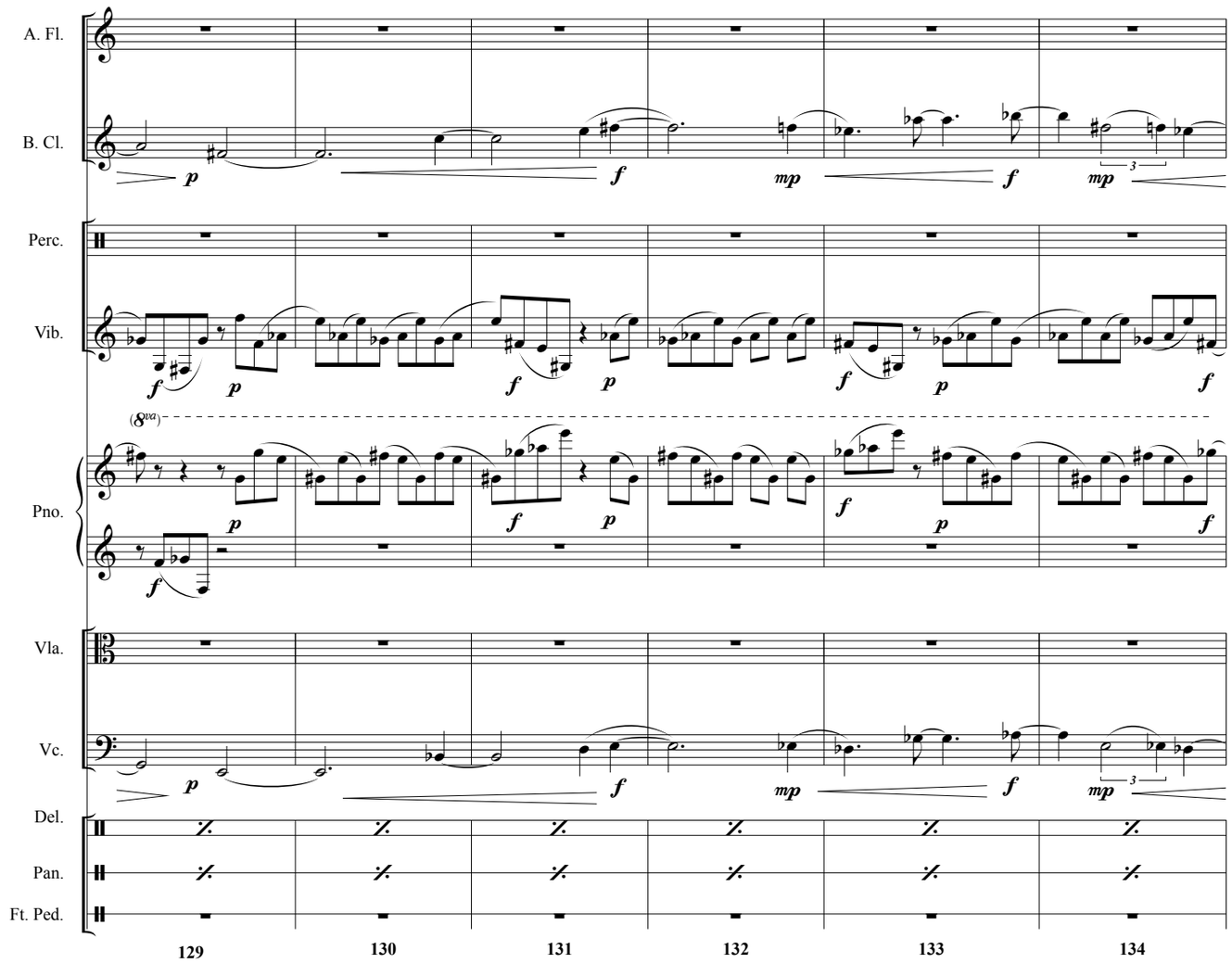

♩ = 120
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
gong
tri. beater on rim
14
Chorus IN
Reverb IN
85
86
87
88
89
med. mallets - center
90
91
92
93

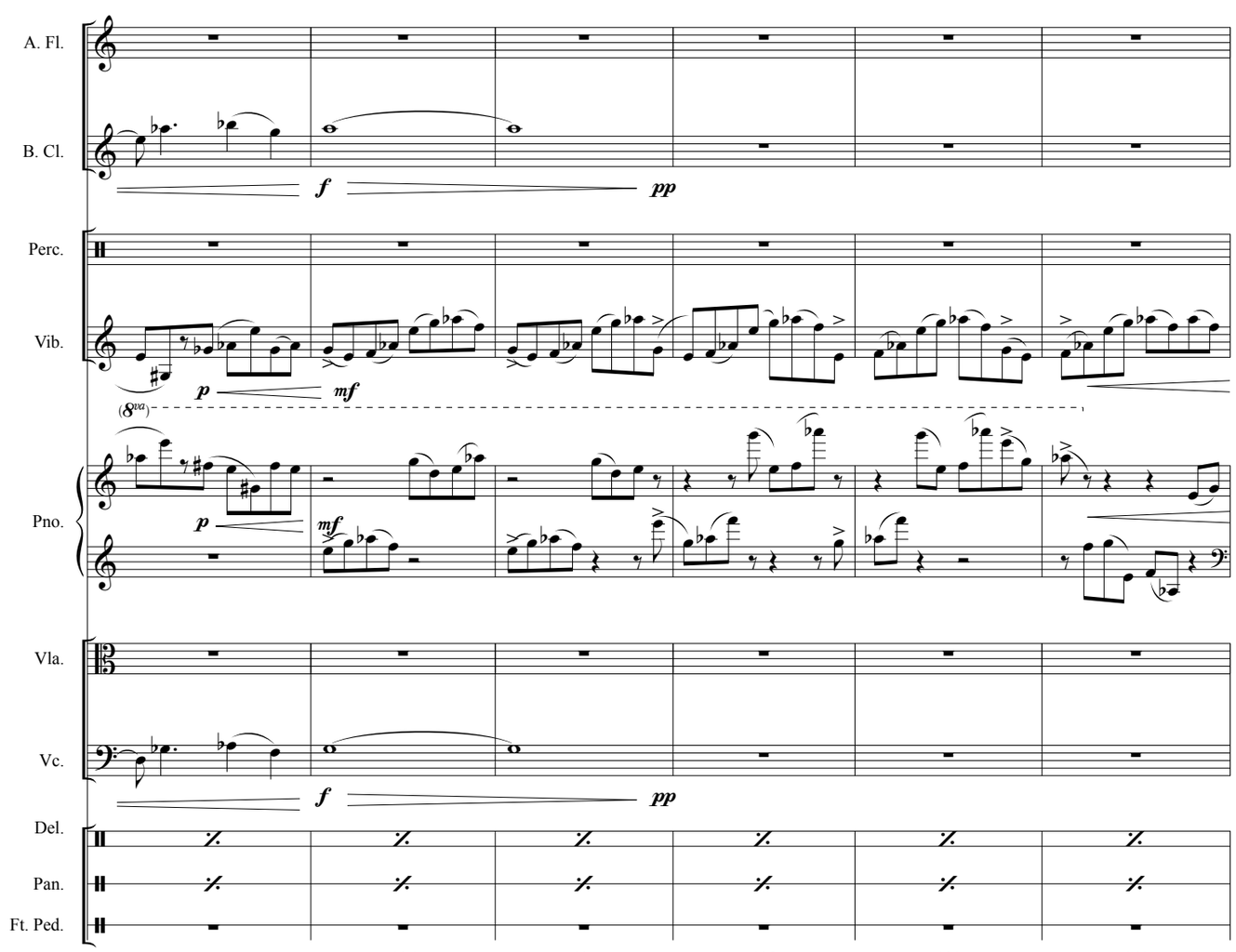

E
slow, tranquil ♩ = 52
A. Fl.
B. Cl.
Perc.
Vib.
soft mallets
Pno.
Vla.
senza vib.
con sord.
Vc.
Del.
Pan.
Ft. Ped.
15
16
94
95
96
97
98
99
100
F
♩ = 120
Senza sord.
B. Clar. only (no chorus)
17
18
101
102
103
104
105
106
107
Reverb - OUT

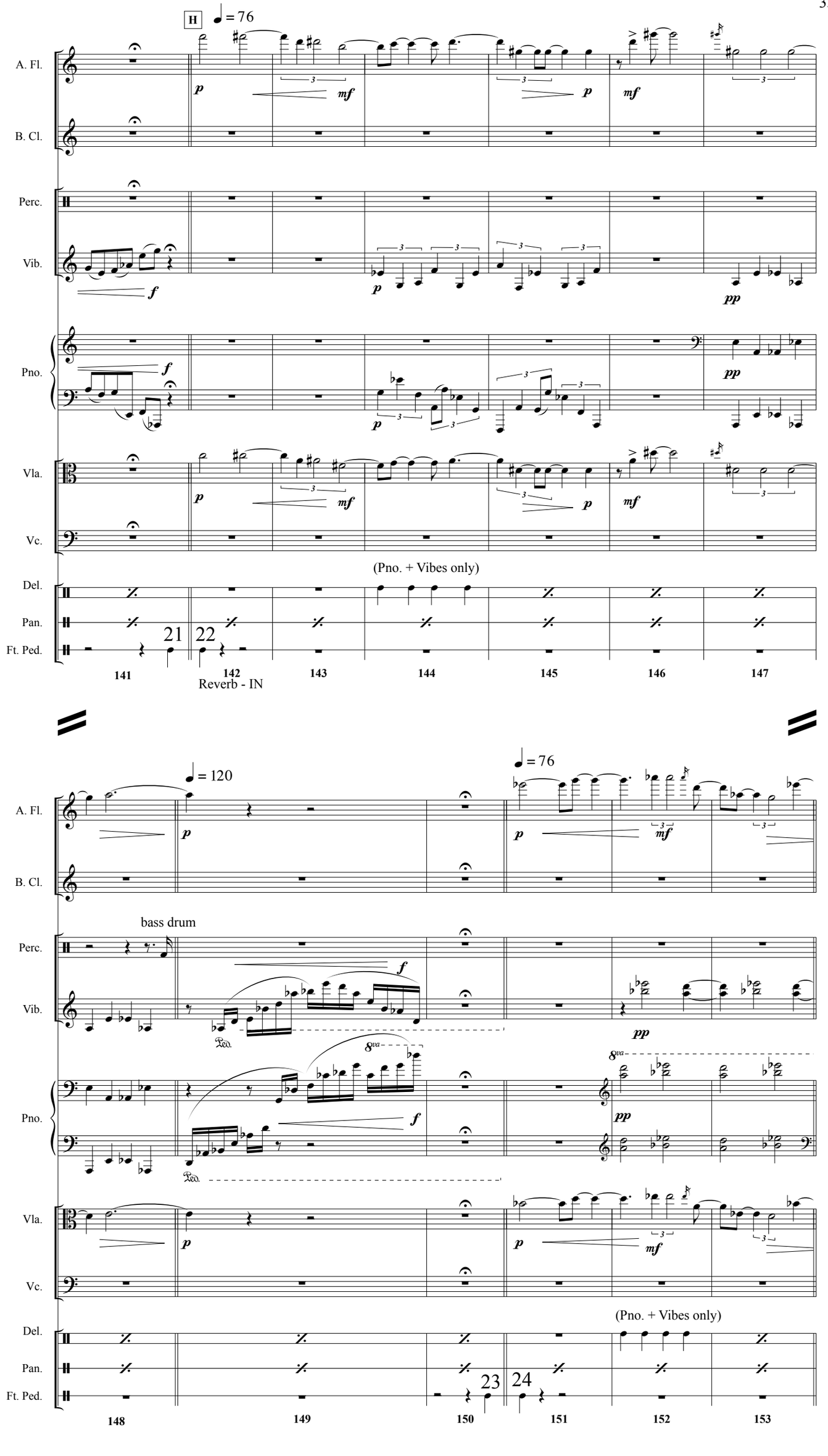

A. Fl.
B. Cl.
Perc.
Vib.
hard mallets
Pno.
simile
Vla.
Vc.
Delay + Reverb - FADE IN
Del.
Pan.
Ft. Ped.
108
109
110
111
112
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
sul pont.
Senza sord.
Vc.
Del.
Pan.
Ft. Ped.
113
114
115
116
117

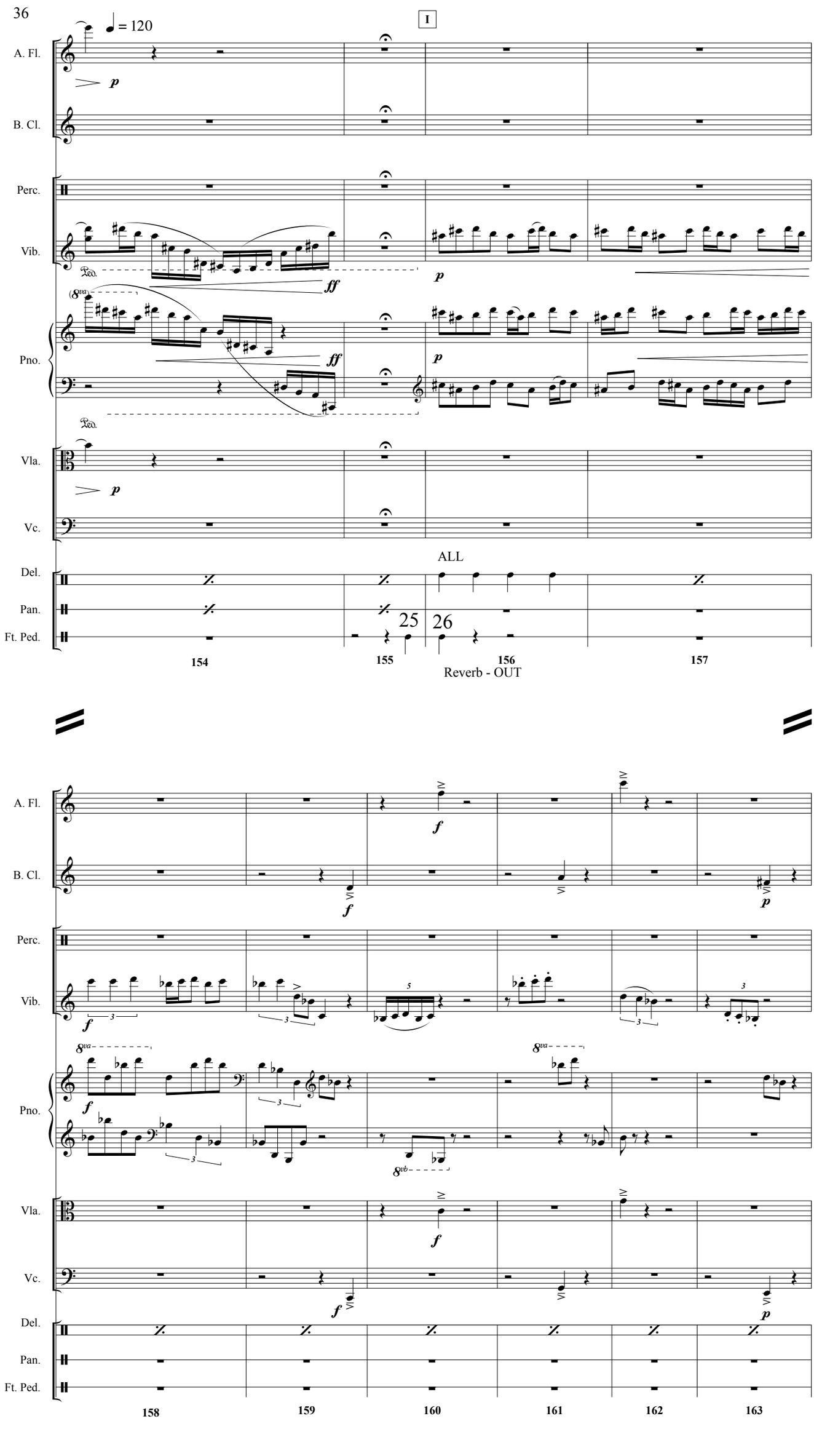

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
ord.
118
119
120
121
122

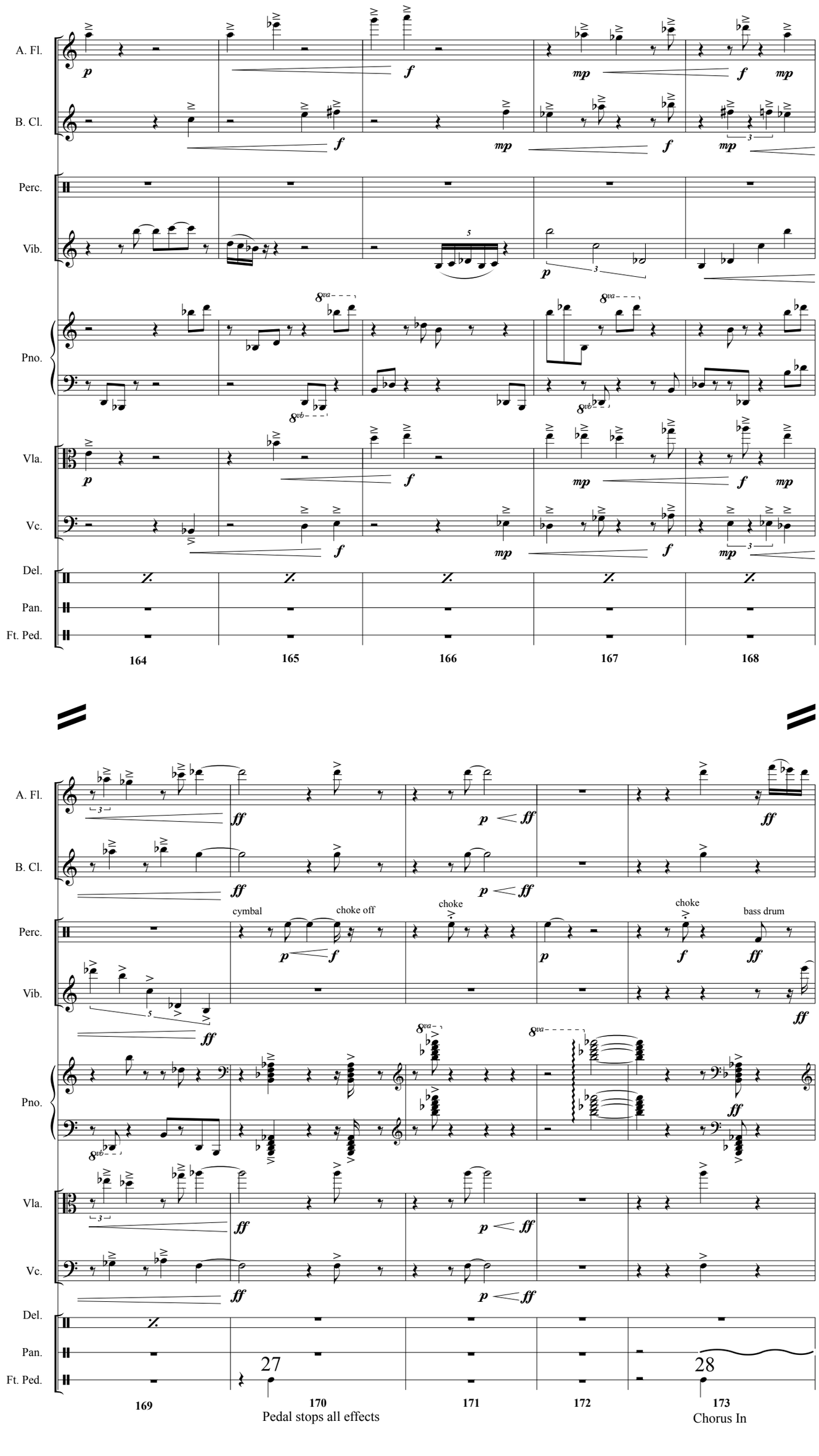

G
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
Pno. + Vibes only
19
20
Winds + Strgs only
123
124
125
126
127
128
Chorus - Winds + Strgs only

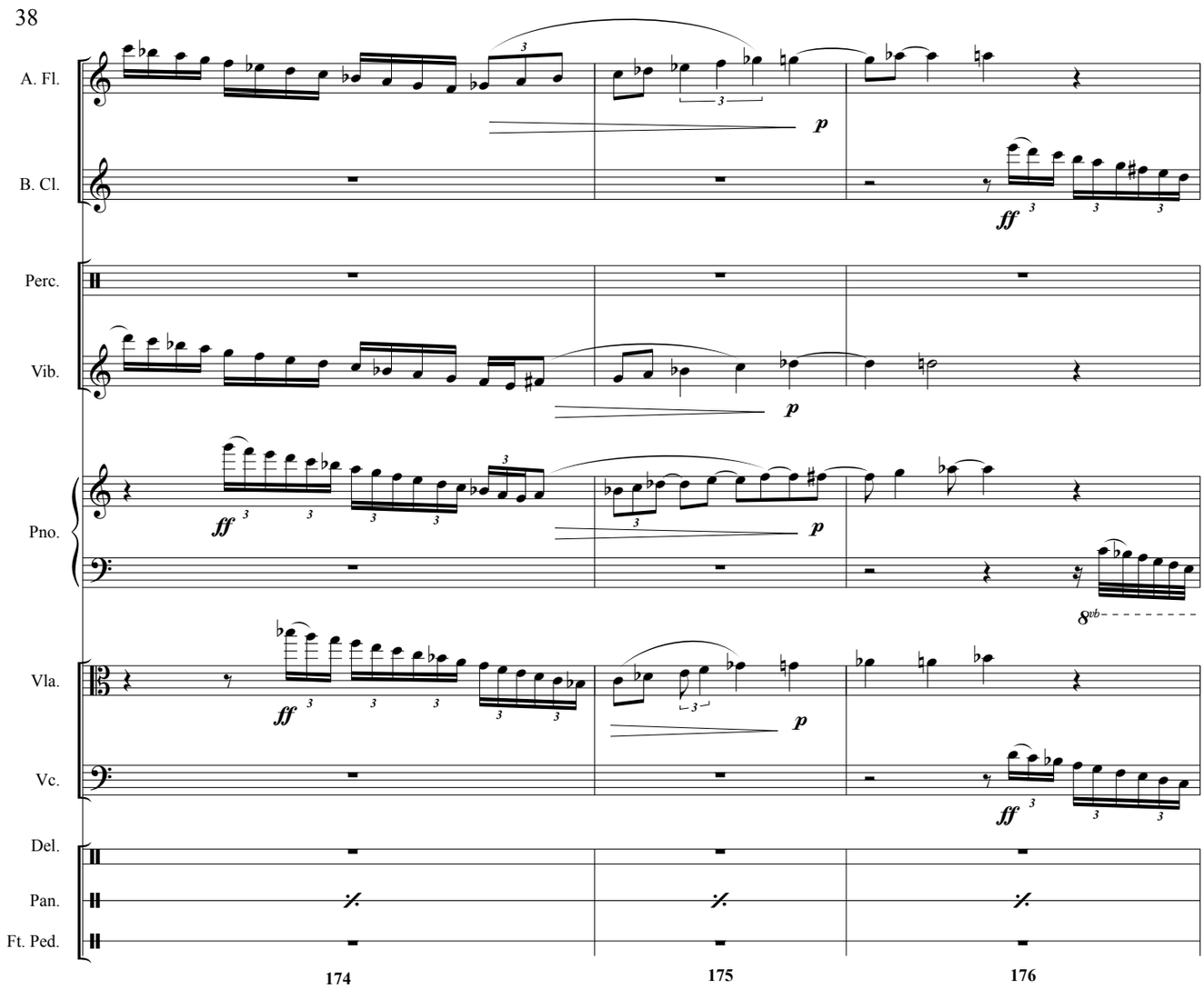

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
129
130
131
132
133
134

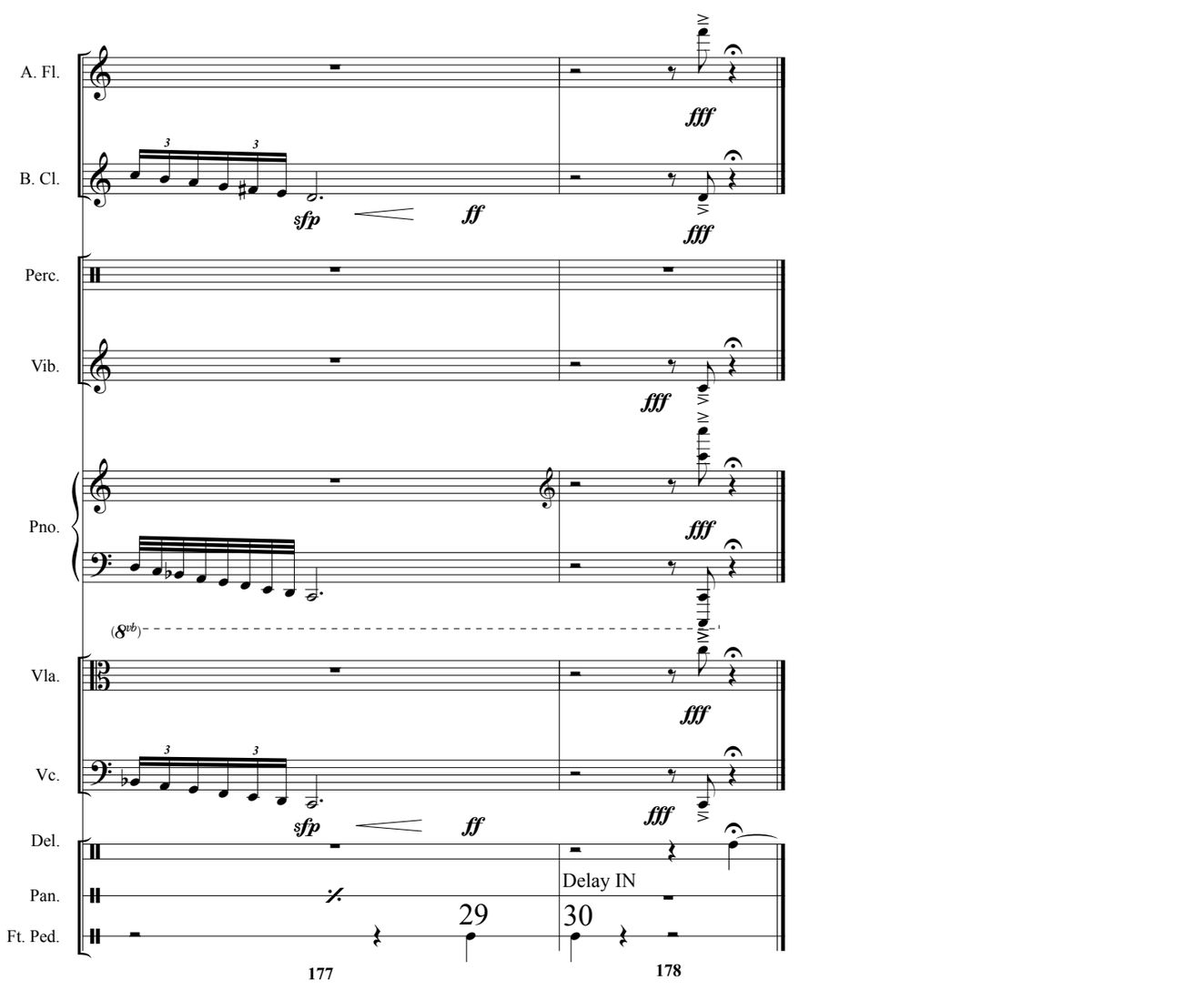

A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
135
136
137
138
139
140


H
♩ = 76
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
p
mf
f
pp
(Pno. + Vibes only)
21
22
141
142
143
144
145
146
147
Reverb - IN
♩ = 120
♩ = 76
bass drum
8va
Ped.
23
24
148
149
150
151
152
153


I
♩ = 120
A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
p
ff
8va
Ped.
ALL
25
26
154
155
156
157
Reverb - OUT
f
8vb
158
159
160
161
162
163


A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
164
165
166
167
168
cymbal
choke off
choke
choke
bass drum
169
170
171
172
173
27
28
Pedal stops all effects
Chorus In


A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
p
ff
8vb
174
175
176


A. Fl.
B. Cl.
Perc.
Vib.
Pno.
Vla.
Vc.
Del.
Pan.
Ft. Ped.
sfp
ff
fff
(8vb)
Delay IN
29
30
177
178