a = Length .......................................................... ±1 in.
b = Width (overall) .............................................. ±1/4 in.
c = Depth .......................................................... ±1/4 in.
d = Stem width .................................................... ±1/8 in.
e = Flange thickness .............................. +1/4 in., -1/8 in.
f = Flange width .................................................. ±1/4 in.
g = Stem draft ..................................................... ±1/4 in.
h = Variation from specified flange
sqaurenness or skew ............................................ ±1/8 in. per
12 in. width, 1/2 in. max.
i = Variation from specified end
sqaurenness or skew
Greater than 24 in. depth ...................... ±1/8 in. per
12 in., 1/2 in. max.
24 in. or less depth ............................................ ±1/4 in.
j = Sweep (variation from straight line
parallel to centerline of member)
Up to 40 ft. member length ...................... ±1/4 in.
40 to 60 ft. member length ...................... ±3/8 in.
Greater than 60 ft. member length ............ ±1/2 in.
k = Camber variation from design
camber .................. ±1/4 in. per 10 ft., ±3/4 in. max*
l = Differential camber between
adjacent members of the same
design .................. 1/4 in. per 10 ft., 3/4 in. max.*
m = Position of tendons
Individual .................................................. ±1/4 in.
Bundied .......................................................... ±1/2 in.
n = Location of harp point .......................... ±6 in.
o = Position of blockouts ............................... ±1 in.
p = Size of blockouts .................................. ±1/2 in.
q = Position of plates ................................. ±1 in.
r = Position of bearing plates ...................... ±1/2 in.
s = Tipping and flushness of plates ............ ±1/4 in.
t = Tipping and flushness of
bearing plates .............................................. ±1/8 in.
u = Position of sleeves cast in
stems ...................................................... ±1 in. in both horizontal
and vertical plane
v = Position of inserts ................................. ±1/2 in.
w = Position of handling devices
Parallel to length .......................................... ±6 in.
Transverse to length ..................................... ±1 in.
x = Local smoothness any
surface .................................................. ±1/4 in. in 10 ft.
(does not apply to top deck surface left rough to
receive a topping or to visually concealed surfaces)

* For members with a span-to-depth ratio approaching or exceeding 30, the stated camber tolerance
may not apply.

REFERENCE: PCI MNL-116, 3rd Edition