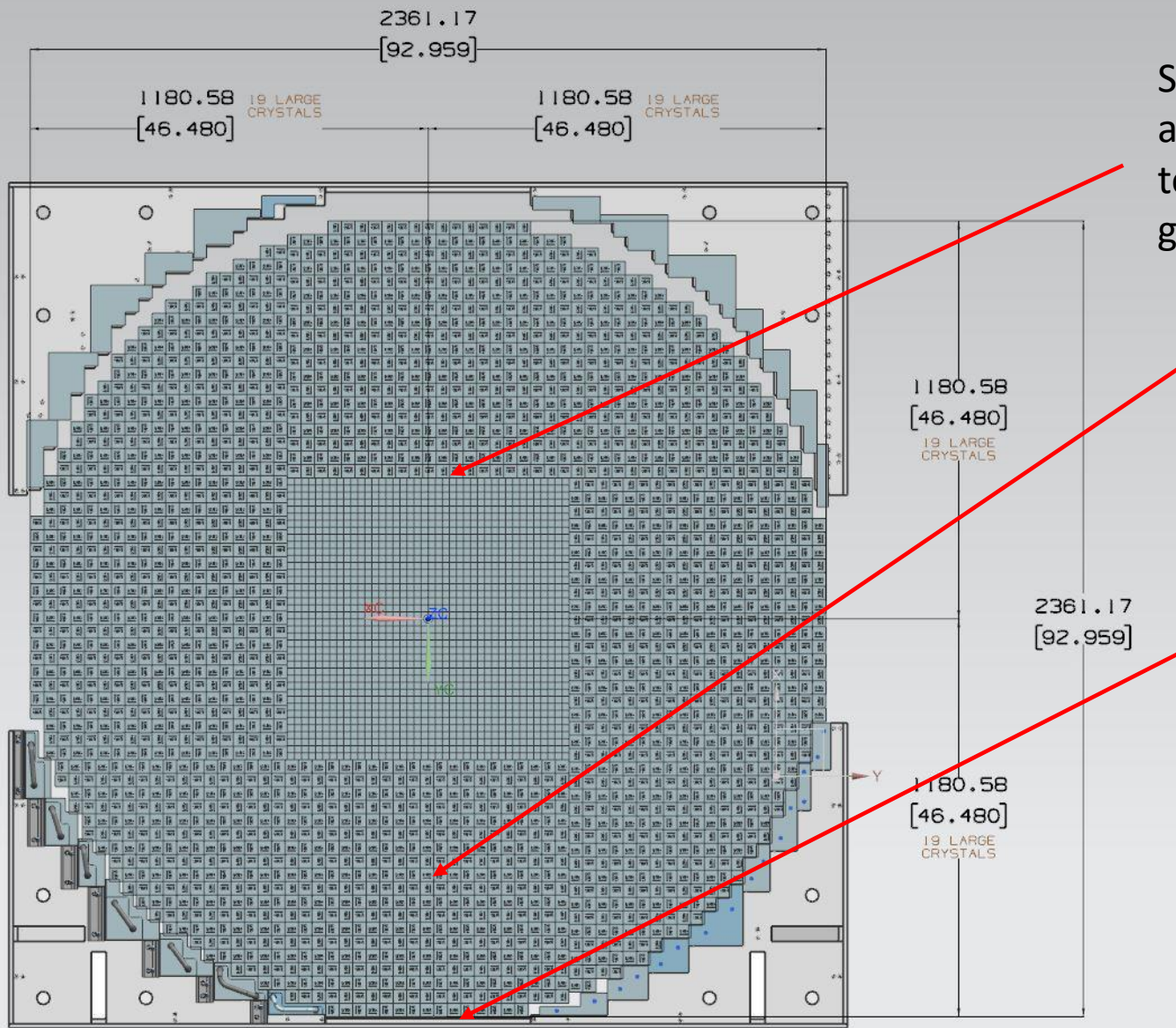


FCAL Insert 40x40 Crystals Overall

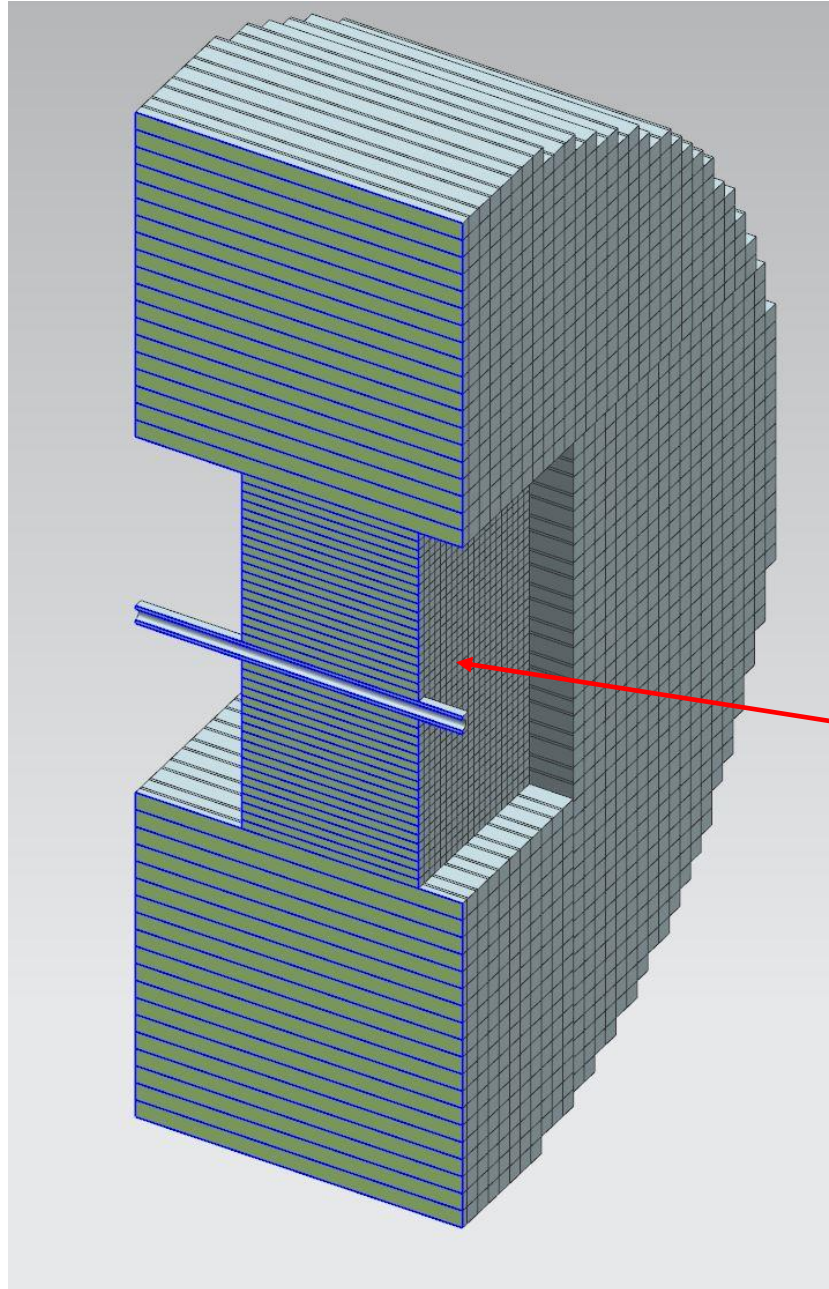


Shimming
above crystals
to make lead-
glass row even

19 Lead Glass
all around
Crystals

Need to
shim $\frac{1}{2}$ cm
to make
transition
to 32x32

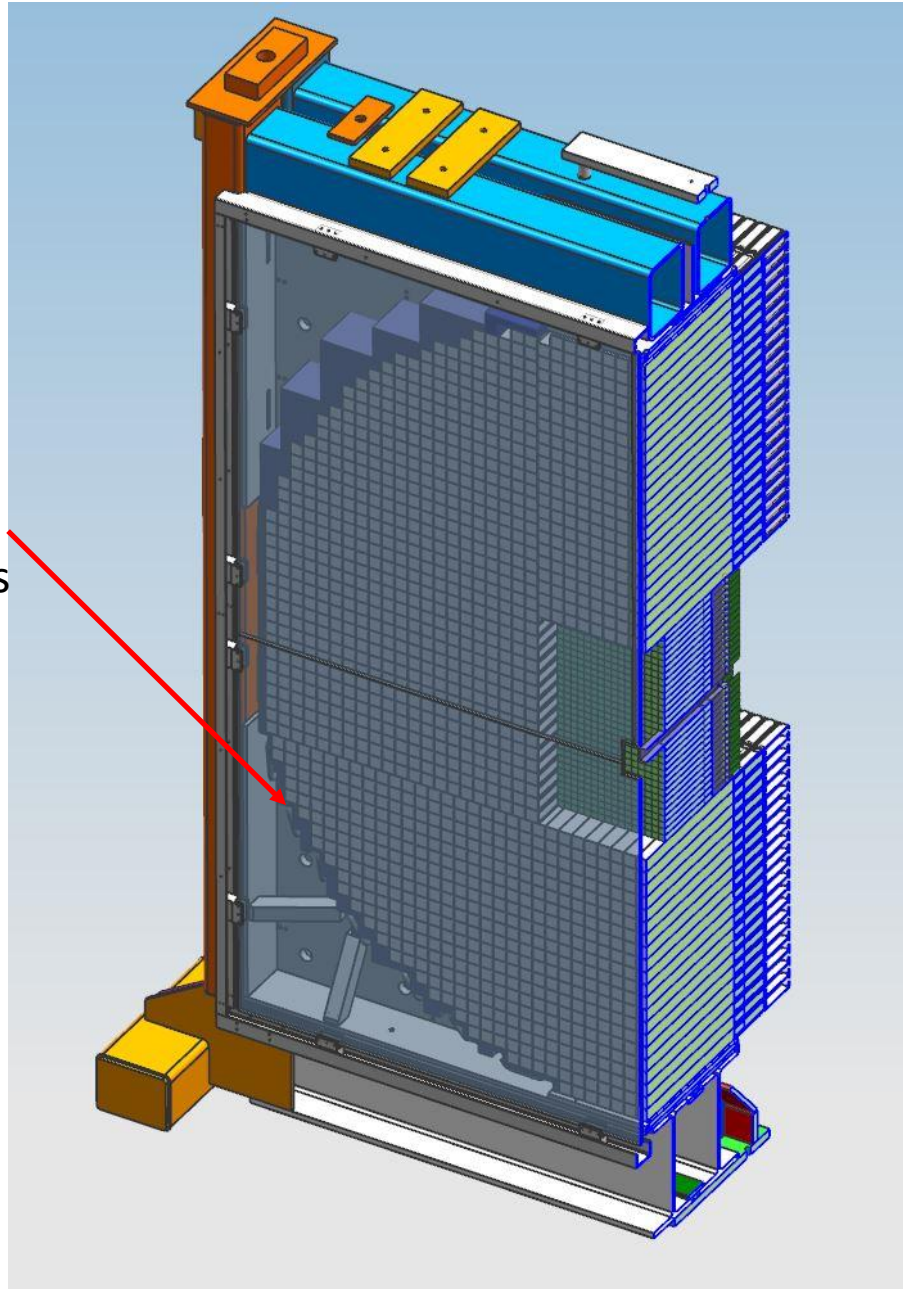
Section cut no detail



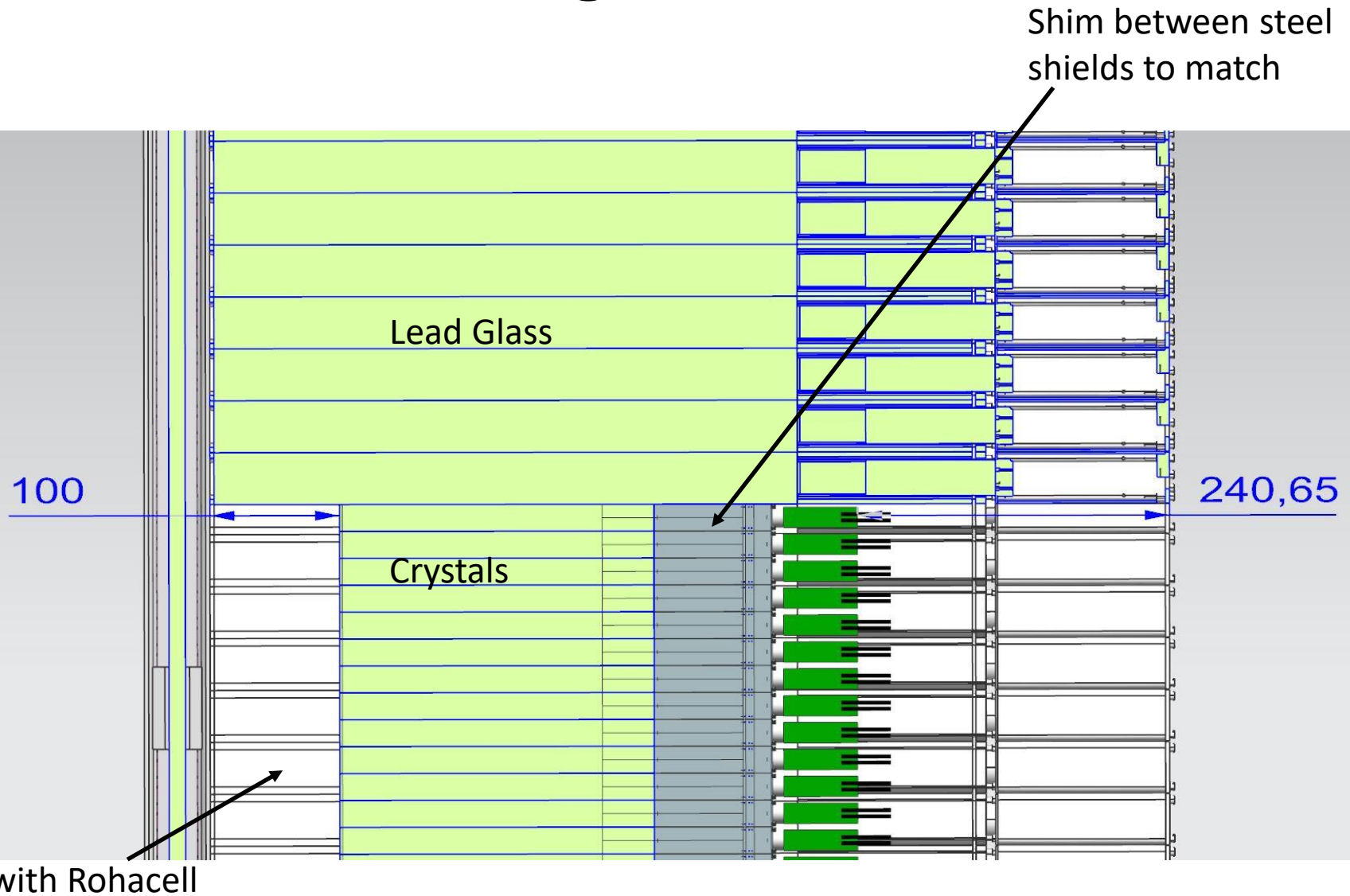
Crystals
recessed
10 cm

Section cut with detail

Bottom of each column get's shimmed to make row straight (starts out undersized)



Section showing location of crystals relative to lead glass



Lead Glass layout

