

EAST

1

2

3

Sensors

Chips

Looking West

+Z WEST

6

TPC boundaries

IST boundaries

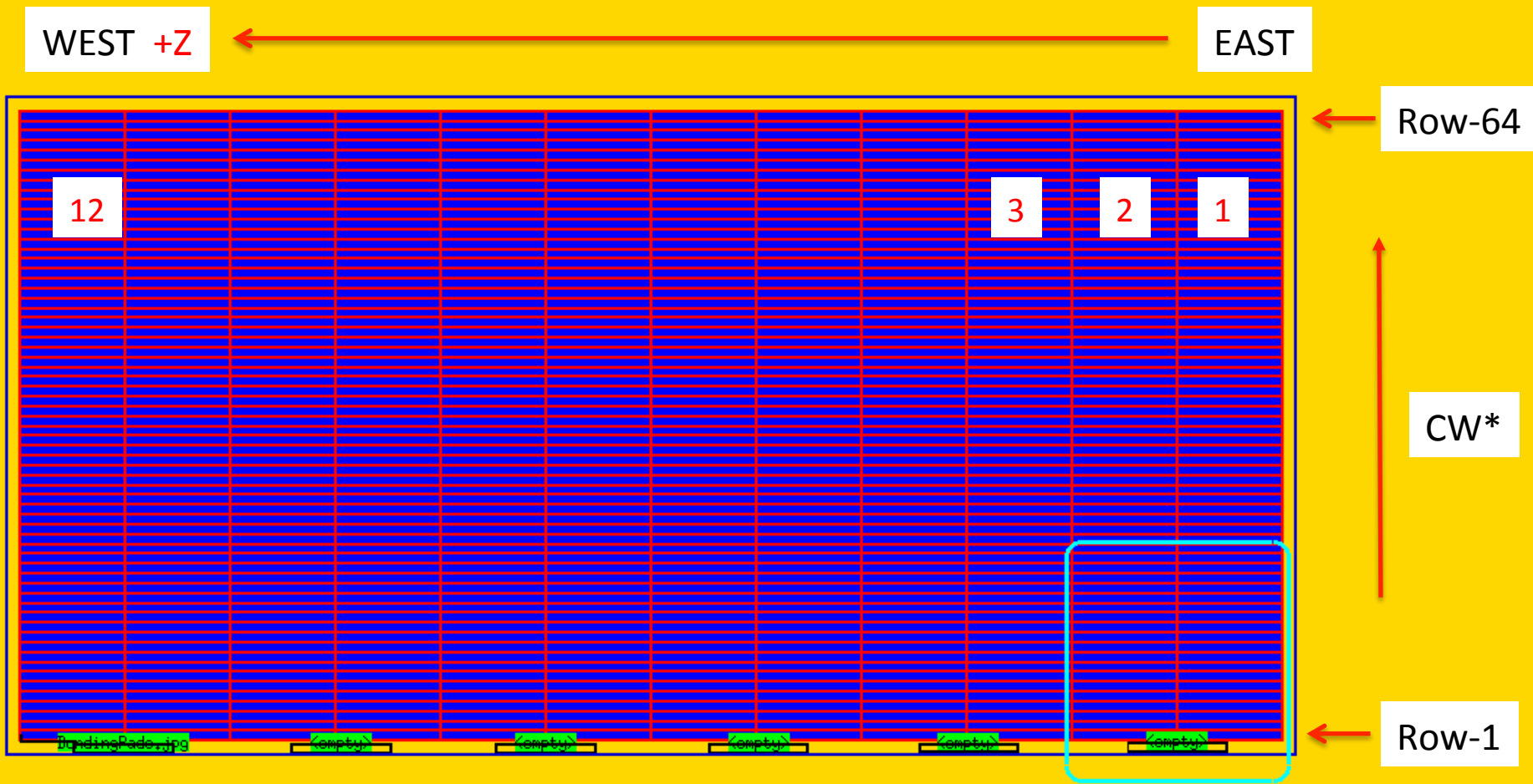
y

x

East

+Z West

IST silicon pad sensor design proposal



Silicon sensor size: 76.900mm x 40.000mm

Active area pitch: 6275um x 596um
Edge structure left & right: 800um
Top edge structure: 800um
Bottom edge structure: 1056um
12 columns x 64 rows

- CW – Clockwise if viewed from West. IST is a West-view detector like the SST