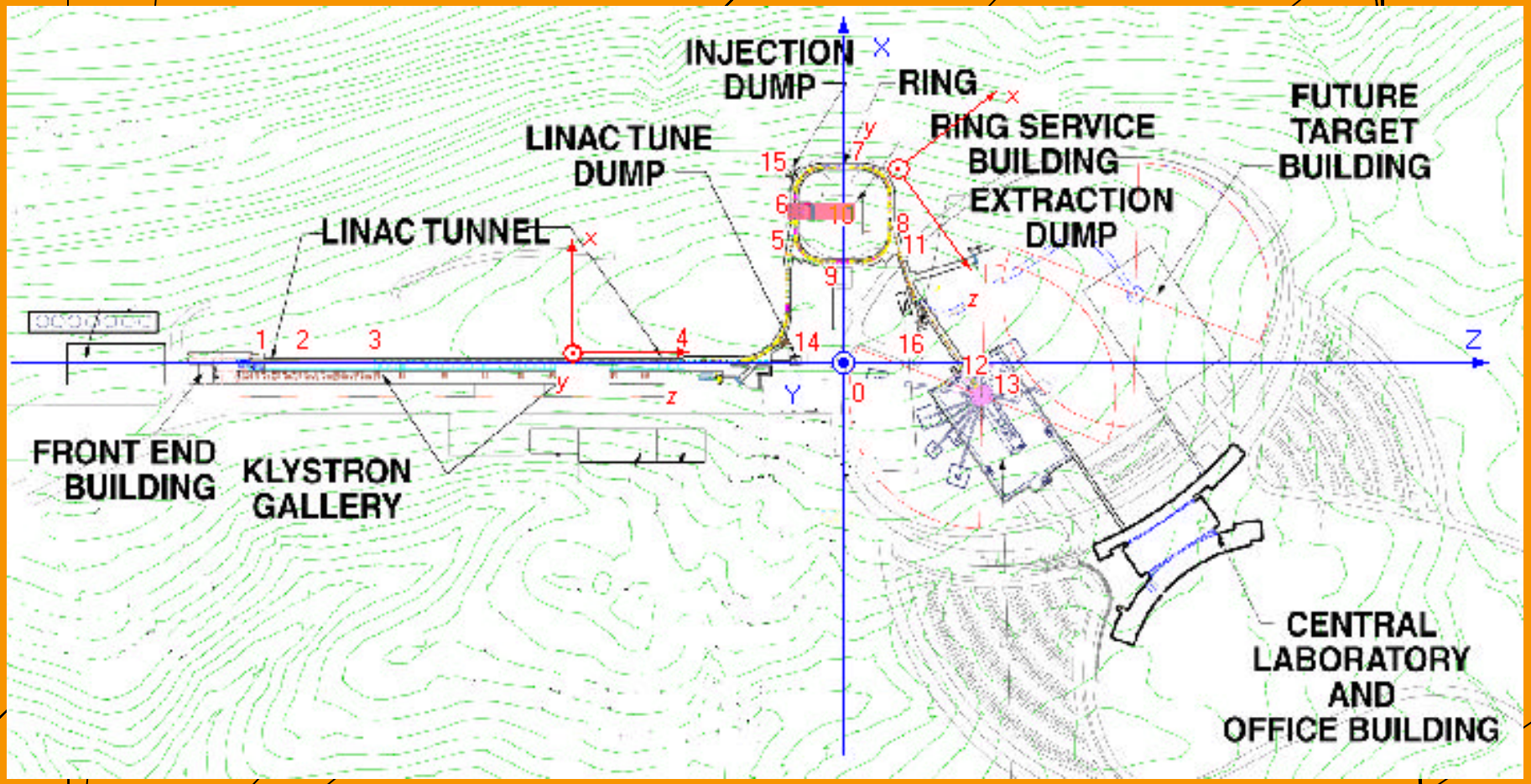
(red)


INJECTION DUMP
RING
RING SERVICE BUILDING
FUTURE TARGET BUILDING
LINAC TUNE DUMP
EXTRACTION DUMP
LINAC TUNNEL
FRONT END BUILDING
KLYSTRON GALLERY
CENTRAL LABORATORY AND OFFICE BUILDING
X
Y
Z
0
1
2
3
4
5
6
8
9
10
11
12
13
14
15
16

- General definition
  - z: direction of beam trajectory
  - y: vertically upward
  - x: determined by right-hand (x, y, z) system
- Consistent with global coordinate system definition

- Ring and RTBT (proton)
  - Kicking particle towards negative x or y
  - Example
    - Bending of ring arc dipole
    - Focusing of ring and RTBT quadrupole
- Linac and HEBT (H-)
  - Kicking particle towards positive x or y
  - Example
    - Defocusing of linac quadrupole