Question 1:
Does the California Building Code Definition of a high-rise structure include an occupied roof of a building as the top measuring point for the criteria; high-rise structure. Every building of any type construction having floors used for human occupancy located more than 75 feet above the lowest level having building access (see section 403.1.2)?

For consistency of enforcement for State Building Standards Regulations by AHJ, confirmation of measurement to the highest occupied floor vs. occupied roof will clarify interpretation and intent of high rise definition.

YES.
An occupied roof is considered an occupied floor.

Health and Safety Code §13210 (b) “High-rise structure” means every building of any type of construction or occupancy having floors used for human occupancy located more than 75 feet above the lowest level having building access, except buildings used as hospitals, as defined in Section 1250.