Darren Luwi ID 29051754

Assumptions:

- “Sometimes one fire event may spark further fire events”: Unary relationship within the FIRE\_EVENT entity. It is unreasonable to create another entity & linking it to the FIRE\_EVENT entity.

- Since an address is a Multi-valued attribute, it is wise to create a separate ADDRESS entity & linking it to the PROPERTY entity.

- “These building numbers are reused for each property”: We cannot use BUILDING\_NO. as a Primary Key, since a Primary Key must be unique & different for each value in an entity.

- “The total dollar cost of the damage to the building is recorded”: It will be wise to create a Composite Entity called DAMAGE to better explain the relationship between INSURANCE\_ASSESSORS & BUILDING.

- Since a PROPERTY is owned by an OWNER, it will be wise to include the owner\_name attribute in the PROPERTY entity. Likewise, insurer\_name & assessor\_name were included in the BUILDING and DAMAGE entities respectively.