

Homework #18– Fire Protection Systems and Equipment


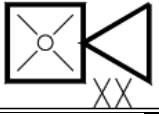
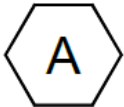


Points: 20

Due: 10/25/2022

Refer to the HomeGoods Distribution Center drawing set: HOMEGOODS DC - BID-PERMIT - FIRE PROTECTION SET.pdf and the HomeGoods Distribution Specifications. Reference clearly where all answers were found.

1. What type of fire sprinkler is an ESFR Sprinkler?
2. Where in the specifications can you find the specs for the Wet Pipe Fire Sprinkler System?
3. What shall be the minimum cushion or safety margin between the available water supply residual pressure and the calculated system demand pressure incorporated into all hydraulic calculations?

4. Using the Legend Identify each symbol shown:

5. What is the candela rating for the strobes in the main restroom?
6. How many horn/strobe output devices are installed in the main office area?