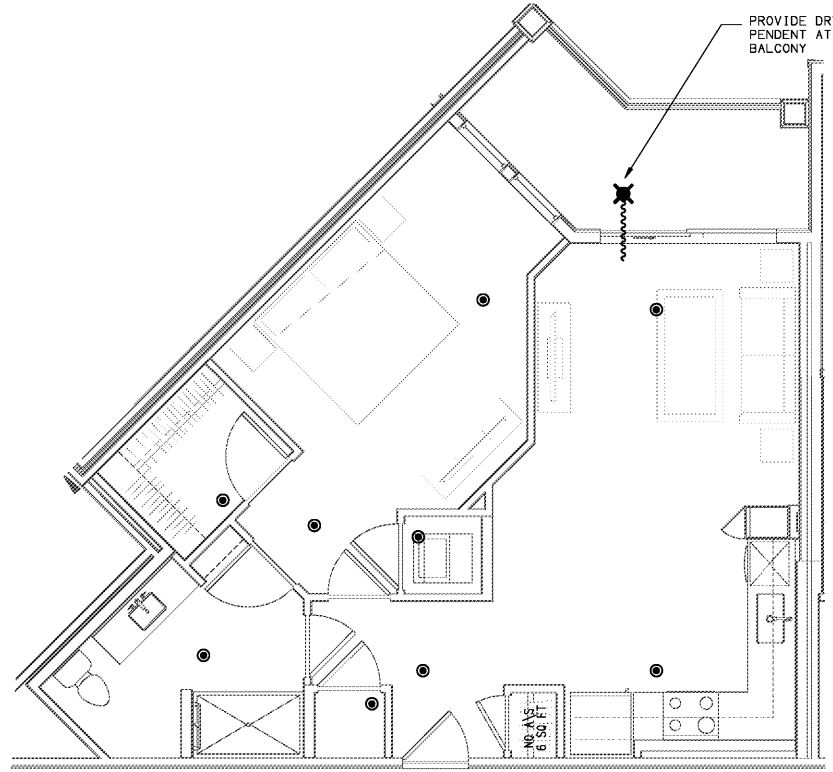
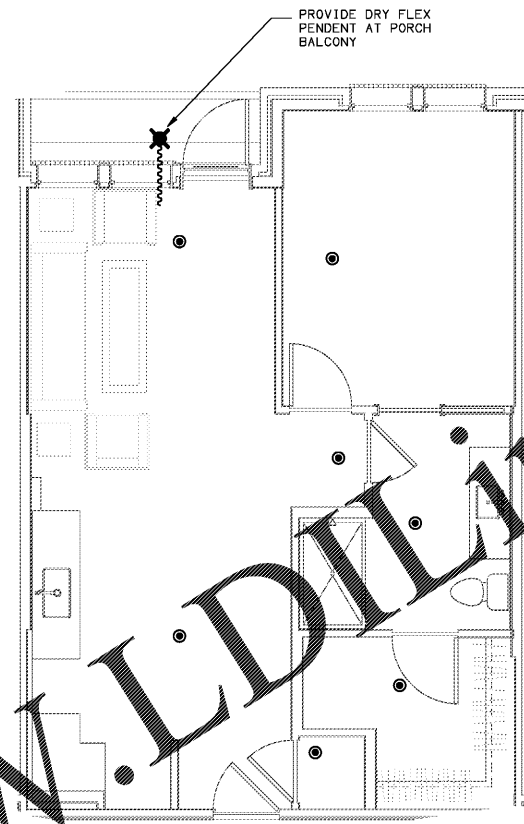


**FIRE PROTECTION GENERAL NOTES – NFPA 13 SYSTEM**

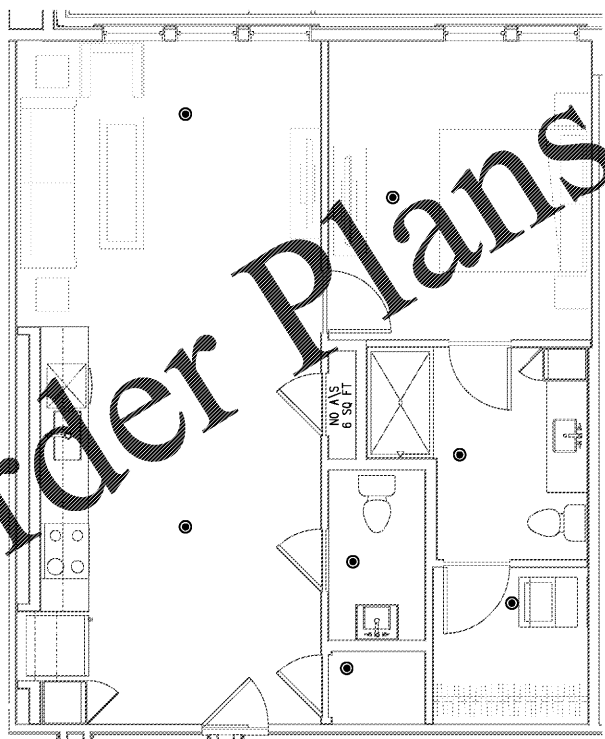
1. THE INTENT OF THESE DRAWING IS TO SHOW SPRINKLER HEAD LOCATIONS THAT HAVE BEEN COORDINATED WITH OTHER ENGINEERING TRADES (ELECTRICAL AND HVAC). IT IS THE INSTALLING CONTRACTOR THAT IS RESPONSIBLE FOR COMPLETING FULLY COORDINATED DRAWINGS THAT INCLUDE THE PIPING LAYOUT AND HYDRAULIC CALCULATIONS.
2. ALL FIRE SPRINKLER SYSTEMS SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH NFPA 72
3. THIS BUILDING TO BE PROTECTED IN ACCORDANCE WITH NFPA-13 2013 EDITION AND 2012 IBC AND 2012 IFC
4. ALL DWELLING UNITS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE 0.05 DENSITY RATED UP TO ADJACENT SPRINKLERS WITH A CONCENTRIC CREATING GREATEST HYDRAULIC DEMAND USING 5" 2K HORIZONTAL SIDEWALL SPRINKLERS OR 4.9K CEILING SPRINKLERS SPACED IN ACCORDANCE WITH THEIR LISTING.  
SPRINKLERS MAY BE OMITTED IN THE FOLLOWING AREAS IN ACCORDANCE WITH:  
A. BATHROOMS UNDER 55 SQ. FT.  
B. CLOTHES, LINEN CLOSETS AND PANTRIES UNDER 12 SQ. FT.  
C. ATTICS, CRAWL SPACES, FLOOR/CEILING SPACES AND ALL OTHER CONCEALED SPACES THAT ARE NOT USED OR INTENDED FOR LIVING PURPOSES OR STORAGE.
6. ALL SOFFITS THAT ARE 8" OR GREATER IN WIDTH SHALL BE PROTECTED BELOW BY PENDANT SPRINKLERS, WITH A SIDEWALL SPRINKLER INSTALLED ON THE FACE OF THE SOFFIT TO WITHIN 4"-6" OF THE CEILING.  
IF THE SOFFIT IS LESS THAN 8" IN WIDTH, THEN SPRINKLERS BENEATH CAN BE OMITTED.
7. SPRINKLERS ARE REQUIRED ON ALL PORCHES, OR BALCONIES, THAT ARE OPEN AND ATTACHED.
8. COMBUSTIBLE CONCEALED SPACES: SPRINKLERS ARE NOT REQUIRED IN ALL COMBUSTIBLE CONCEALED SPACES THAT ARE FILLED ENTIRELY WITH NON COMBUSTIBLE INSULATION. THE BUILDING OWNER IS TO BE RESPONSIBLE TO MEET THE REQUIREMENTS OF NFPA-13, SECTION 8.15.1.2.7: CONCEALED SPACES ENTIRELY FILLED WITH NONCOMBUSTIBLE INSULATION SHALL NOT REQUIRE SPRINKLER PROTECTION.  
SECTION 8.15.1.2.7: CONCEALED SPACES WITHIN WOOD JOIST CONSTRUCTION AND COMPOSITE WOOD JOIST CONSTRUCTION HAVING NONCOMBUSTIBLE INSULATION FILLING THE SPACE FROM THE CEILING UP TO THE BOTTOM EDGE OF THE JOIST OF THE ROOF DECK, PROVIDED THAT IN COMPOSITE WOOD JOIST CONSTRUCTION THE JOIST CHANNELS ARE FIRE STOPPED INTO VOLUMES EACH NOT EXCEEDING 160 SQ. FT. TO THE FULL DEPTH OF THE JOIST WITH MATERIAL EQUIVALENT TO THE WEB CONSTRUCTION, SHALL NOT REQUIRE SPRINKLER PROTECTION.



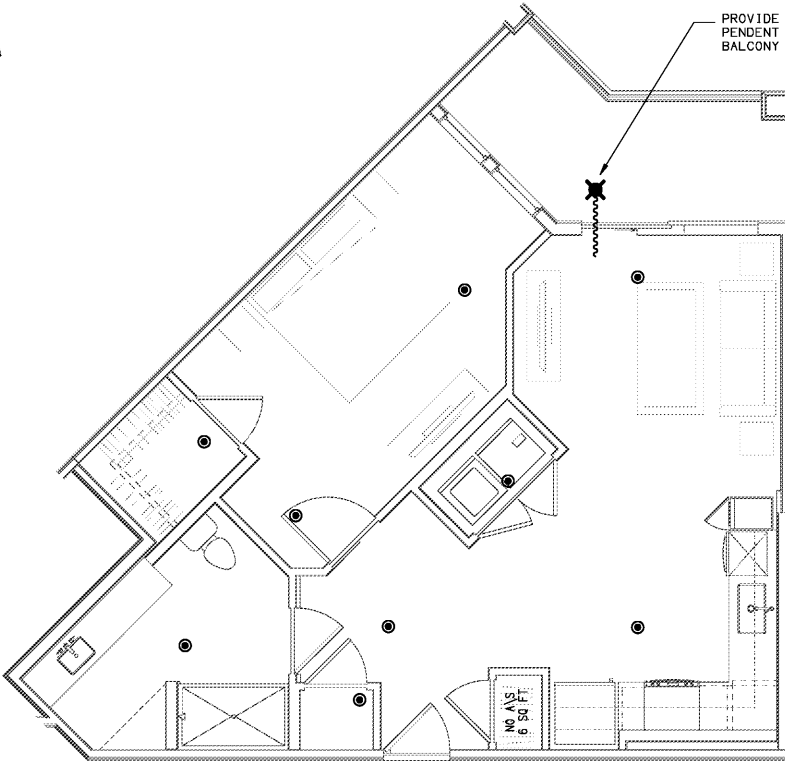
**2 UNIT A4 - FIRE PROTECTION PLAN**  
SCALE: 1/4"=1'-0" WK225-F-4-UNIT



**1 UNIT A3.1 - FIRE PROTECTION PLAN**  
SCALE: 1/4"=1'-0" WK225-F-3-UNIT



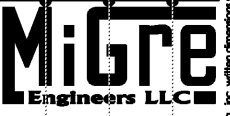
**4 UNIT A5 - FIRE PROTECTION PLAN**  
SCALE: 1/4"=1'-0" WK225-F-5-UNIT



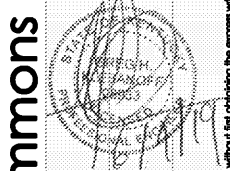
**3 UNIT A4-A - FIRE PROTECTION PLAN**  
SCALE: 1/4"=1'-0" WK225-F-4-UNIT

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**UNIT A3.1, A4, A4-A AND A5**  
**FIRE PROTECTION PLANS**

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