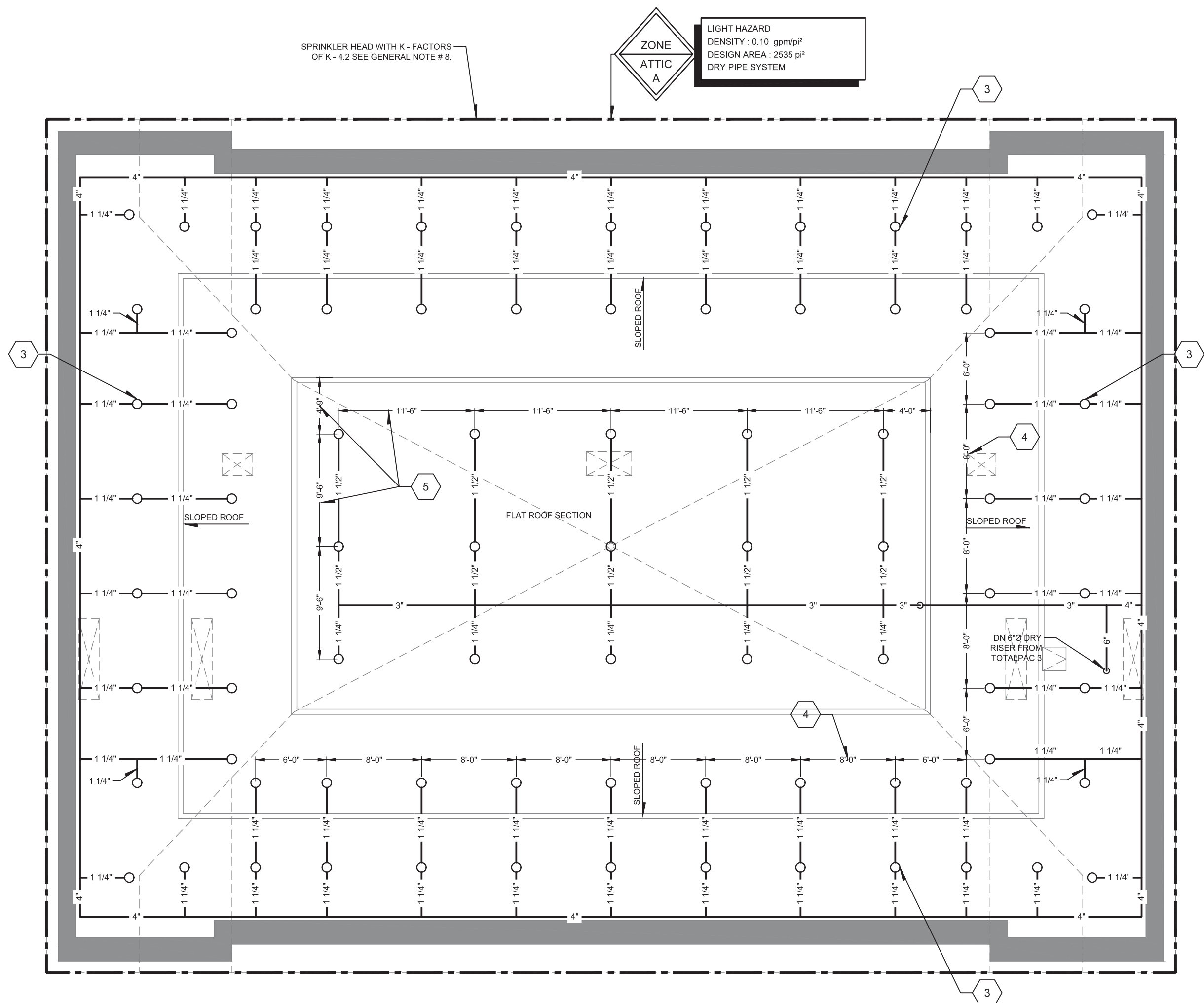


- 1- PERFORMANCE BASED SPECIFICATIONS. THIS DRAWING IS PRESENTED AS ADDITIONAL DESIGN CRITERIA.
- 2- UNLESS INDICATED OTHERWISE ALL THE SPRINKLERS SHALL BE STANDARD K FACTOR OF 5.6, REFER TO ELECTROMECHANICAL SPECIFICATIONS SECTION 21 10 00 FOR SPRINKLER HEAD REQUIREMENTS.
- 3- SPRINKLERS OF INTERMEDIATE- AND HIGH-TEMPERATURE RATINGS SHALL BE INSTALLED IN SITES WHERE THE TEMPERATURE RATED BY THE NFPA 13-8.3.2 THE TEMPERATURE ZONE SHALL BE DETERMINED ON SITE WHEN THE FINAL LOCATION OF THE UNIT HEATER IS CONFIRMED.
- 4- IN AREAS IMMEDIATE ABOVE EQUIPMENT THAT PRODUCES LARGE AMOUNTS OF HEAT AND HIGH TEMPERATURES, THE MAXIMUM CEILING TEMPERATURES EXCEED 100°F (38°C), SPRINKLERS WITH TEMPERATURE RATINGS IN ACCORDANCE WITH THE MAXIMUM CEILING TEMPERATURES OF TABLE 6.2.5.1 OF NFPA 13 SHALL BE USED.
- 5- THE SPRINKLERS INSTALLED IN HORIZONTAL COMBUSTIBLE CONCEALED SPACES WHERE THE DEPTH OF THE SPACE IS LESS THAN 36 in. (900 mm) FROM DECK TO CEILING, SHALL BE LISTED FOR SUCH USE.
- 6- DO NOT TAKE SCALE MEASUREMENT ON DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING DIMENSIONAL AUDITS APPEARING ON THE DRAWINGS AND THE SITE CONDITIONS IN ORDER TO VERIFY THE ACCURACY.
- 7- DRY SPRINKLER SYSTEM IN ATTIC SPACE SHALL BE COMPLETELY REED DUE TO NOT CONFORM TO NFPA 13 - 8.6.2.2.1 & 8.6.4.1. AN ACCEPTABLE DESIGN LAYOUT BASED ON THE WATERFLOW TEST ON 2012 DUE TO AVAILABILITY IS SHOWN ON PL 101. THE 100 LOW TEST SHALL BE CONDUCTED NO MORE THAN 12 MONTHS PRIOR TO WORKING PLAN TO VERIFY THE HYDRAULIC PERFORMANCE OF THE SPRINKLER DESIGN IN THIS DESIGN AREA.
- 8- THE PIPING OF DRY PIPE SYSTEM FOR THE ATTIC LIGHT HAZARD OCCUPANCY SHALL BE CORROSION RESISTANT OR INTERNALLY GALVANIZED TO PERMIT THE INSTALLATION OF SPRINKLER HEADS WITH K FACTORS OF K - 4.2 FOR HYDRAULIC BENEFITS.
- 9- JOINTS SHALL BE VISUALLY INSPECTED BEFORE PRESSURE TEST IS DONE. TO SEE ALL JOINTS HAVE BEEN PROPERLY INSTALLED AND IS DONE TO SERVE FOR PRESURE TEST.

Nº	Date	Description
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- 7 FLOOR FLOW CONTROL & TEST STATION. SEE DETAIL FOR ACCESSORIES TO BE INSTALLED.
- 8 OPEN GRID ON PERIMETER OF T-SAR CEILING. PROVIDE UPRIGHT SPRINKLER HEADS ABOVE CEILING GRID AT SLAB LEVEL & PENDANT SPRINKLERS UNDER THE GRID FOR FLOOR COVERAGE.
- 9 SPRINKLER HEAD SHALL RESPECT NFPA 13 - 8.6.4.1.4.3 MINIMUM 5 FT (1.5 M) REQUIREMENT.
- 10 SPRINKLER SPACING SHALL NOT EXCEED 8 FT AS PER NFPA 13 - 8.6.4.1.4.4 TO AVOID THE MINIMUM PRESSURE REQUIREMENT OF 20 PSI FOR THE REASON OF HYDRAULIC BENEFITS.
- 11 AN EXAMPLE OF SPRINKLER HEAD DESIGN LAYOUT TO LIMIT THE PROTECTION AREA PER SPRINKLER TO 110 SQFT FOR HYDRAULIC BENEFITS.



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MECHANICAL
FIRE PROTECTION
ATTIC SPACE NEW LAYOUT

Drawing n°

Revision