

**FIRE PROTECTION NOTES:**

1. PROVIDE A FULLY AUTOMATIC WET PIPE SPRINKLER SYSTEM THROUGH OUT THE ENTIRE BUILDING INCLUDING THE UNUSED COMBUSTIBLE ATTIC SPACES AND COMBUSTIBLE CONCEALED SPACE BELOW THE MEZZANINE MEETING ALL NFPA 13 STANDARDS AND LOCAL AHJ REQUIREMENTS. THE ATTIC SPACE ABOVE THE SLEEPING QUARTERS SHALL BE PROTECTED BY A DRY PIPE SPRINKLER SYSTEM.
2. THIS BUILDING SHALL BE CONSIDERED LIGHT HAZARD OCCUPANCY. SPRINKLER HEAD SPACING SHALL NOT EXCEED 225 SQUARE FEET PER SPRINKLER HEAD. EXCEPTION: THE EXISTING APPARATUS ROOM 140 AND EXISTING MEZZANINE STORAGE 141 SHALL BE CONSIDERED ORDINARY HAZARD OCCUPANCY. SPRINKLER HEAD SPACING SHALL NOT EXCEED 130 SQUARE FEET PER SPRINKLER HEAD. THE UNUSED COMBUSTIBLE ATTIC SPACES SHALL BE CONSIDERED LIGHT HAZARD OCCUPANCY, BUT THE SPRINKLER HEAD SPACING SHALL NOT EXCEED 120 SQUARE FEET PER SPRINKLER HEAD.

**FIRE PROTECTION LEGEND:**

- CHROME 5.6K PENDENT SPRINKLER HEAD WITH CHROME RECESSED ESCUTCHEON
- CHROME 5.6K STANDARD SPRAY PENDENT SPRINKLER HEAD
- BRASS 5.6K STANDARD SPRAY UPRIGHT SPRINKLER HEAD
- ⊙ BRASS 5.6K STANDARD SPRAY UPRIGHT SPRINKLER HEAD ON 1" SPRIG
- ▶ CHROME 5.6K DRY BARREL HORIZONTAL SIDEWALL SPRINKLER HEAD WITH CHROME RECESSED ESCUTCHEON
- ▨ INDICATES AREA WITH EXISTING CONCRETE TEE JOIST STRUCTURE.

**FIRE PROTECTION KEYED NOTES:**

- 1 THIS AREA SHALL BE CONSIDERED ORDINARY HAZARD. SPRINKLER HEAD COVERAGE SHALL NOT EXCEED 130 SQUARE FEET PER SPRINKLER HEAD.
- 2 4" WET PIPE SPRINKLER RISER.
- 3 2-1/2" MAIN PIPING UP TO MEZZANINE SPRINKLERS.
- 4 2" MAIN PIPING UP TO ATTIC SPRINKLERS. (REFER TO SHEET F2.0 FOR CONTINUATION)
- 5 1-1/2" BRANCH LINE UP TO ATTIC. (REFER TO SHEET F2.0 FOR CONTINUATION)
- 6 INSTALL BRANCH LINES INSIDE THE CONCRETE TEE JOIST SPACE WITH THE PENDENT SPRINKLER DEFLECTOR 1" BELOW THE BOTTOM OF THE JOIST.
- 7 INSTALL TWO DRY HORIZONTAL SIDEWALL SPRINKLER HEADS IN THIS AREA. ONE HEAD WITHIN 6" OF THE BOTTOM OF THE EAVE AND ONE HEAD IN THE COMBUSTIBLE BLIND SPACE OF THE EAVE.
- 8 1" BRANCH LINE PIPING PENETRATING THROUGH EXISTING CONCRETE TEE STRUCTURE FROM ATTIC SPACE.
- 9 INSTALL INTERMEDIATE TEMPERATURE SPRINKLER HEAD.
- 10 2-1/2" DRY PIPE RISER FOR DRY PIPE SYSTEM IN ATTIC. (REFER TO SHEET F2.0)
- 11 2-1/2" DRY PIPE SPRINKLER MAIN TO ATTIC DRY PIPE SPRINKLER SYSTEM. (SEE F2.0 FOR CONTINUATION)

PIPING AND SPRINKLER HEADS FOR THE OVERHANG AREAS ARE SHOWN ON THE ATTIC PLAN SHEET F2.0. THERE IS AN EXISTING CONCRETE TEE JOIST STRUCTURE OVER DINING 126 AND KITCHEN 127. THE SPRINKLER PIPING AND HEADS WILL NEED TO RUN IN THE ATTIC SPACE. REFER TO ARCHITECTURAL ELEVATION PLANS FOR DETAILS OF THIS AREA.

AREA PROTECTED BY WET SPRINKLER SYSTEM FROM ABOVE (REFER TO SHEET F2.0)

DRY INSPECTORS TEST CONNECTION DISCHARGED TO OUTSIDE

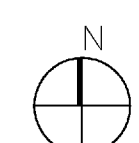
1/2" AUXILIARY DRAIN  
INSTALL SPRINKLER HEAD GUARD

NEW 6" UNDERGROUND FIRE PROTECTION LEAD IN (REFER TO CIVIL FOR CONTINUATION)

4" GROOVED CHECK VALVE

NEW CHROME FLUSH MOUNT 4" x 2-1/2" x 2-1/2" FIRE DEPARTMENT CONNECTION

EXISTING FIRE HYDRANT



**1 FLOOR PLAN - FIRE PROTECTION**  
1/8" = 1'-0"

**Fire Station Renovation and  
Police Station Addition**  
Building 7200 - Camp Joseph T. Robinson  
North Little Rock, Arkansas

**REVISIONS**

ISSUE DATE  
07/01/2016

PROJECT NO.  
0901U

CONTENTS  
FLOOR PLAN  
FIRE PROTECTION

SHEET NUMBER

**F1.0**