

CODE REVIEW - NFPA 101 (LIFE SAFETY)

SUMMARY

THIS PROJECT WILL ADD A 42" (MINIMUM) GUARDRAIL TO SEPARATE THE HIGHER GRADE AREA OF THE EXISTING INDUSTRIAL BUILDING FROM THE LOWER GRADE AREA. THERE IS NO SPRINKLER SYSTEM IN THE CURRENT BUILDING AND IS NOT EXPECTED TO BE PROVIDED. THERE IS NO FIRE ALARM SYSTEM IN THE CURRENT BUILDING AND IS NOT EXPECTED TO BE PROVIDED. PORTABLE FIRE EXTINGUISHERS WILL BE ADDED TO THIS SPACE.

CHAPTER 7 - MEANS OF EGRESS

SECTION 7.2.1 - DOORS SHALL COMPLY WITH THIS SECTION.

TABLE 7.2.2.1(A) - THE STAIRS SHALL COMPLY WITH THIS TABLE FOR DIMENSIONAL REQUIREMENTS.

SECTION 7.2.2.4.1 - HANDRAILS SHALL BE ON BOTH SIDES OF STAIRS AND COMPLY WITH THIS SECTION.

SECTION 7.2.2.4.5 - GUARDRAILS SHALL COMPLY WITH THIS SECTION.

CHAPTER 9 BUILDING SERVICES AND FIRE PROTECTION EQUIPMENT

SECTION 9.7.4.1 - PORTABLE FIRE EXTINGUISHERS WILL BE PROVIDED.

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CHAPTER 9 - FIRE PROTECTION SYSTEMS

FIGURE 903.2 A SPRINKLER SYSTEM IS NOT REQUIRED AS THERE ARE NO FIRE AREAS IN EXCESS OF 12,000 SQUARE FEET, THE BUILDING IS LESS THAN THREE STORIES, AND LESS THAN 24,000 SQUARE FEET IN TOTAL AREA.

SECTION 907.2.4 - A FIRE ALARM SYSTEM IS NOT REQUIRED. ALTHOUGH THIS BUILDING IS TWO STORIES IN HEIGHT, THE BUILDING IS UNDER THE 500 PERSON OCCUPANT LOAD REQUIREMENT.

CHAPTER 10 - MEANS OF EGRESS

SECTION 1013.1 - GUARDS WILL BE PROVIDED AT LEVELS 30" ABOVE GRADE.