



CIRCUIT BREAKER OR FUSIBLE DISCONNECT SWITCH. THE OVERCURRENT PROTECTIVE DEVICE IS NOT REQUIRED TO BE SIZED FOR LOCKED ROTOR CURRENT. SEE NFPA20-03 9.6.5

FOR EMERGENCY POWER GENERATOR, SEE NFPA 20-03 CHAPTER 9-6 AND APPENDIX A-9-3.2.2.2 AND A-9-6.2
NFPA 70-99 ARTICLE 695-3 B

NON ESSENTIAL BUILDING CIRCUITS

ESSENTIAL BUILDING CIRCUITS
ESCALATORS, LIGHTS, ...

POWER WIRING

BETWEEN ELECTRICAL ROOM AND PUMP ROOM AS WELL AS BETWEEN GENERATOR AND PUMP ROOM

- CONDUCTORS SIZED AT 125% OF FULL LOAD CURRENT
- ROUTED OUTSIDE OF BUILDING OR ENCLOSED BY 2" OF CONCRETE OR HAVE 1 HOUR FIRE RATING
- SEE NFPA20-03 9.2.5.4 AND 9.3 AND NFPA 70-99 ARTICLE 695-6 A, B, C

U.L. (F.M.) LISTED BUILT TO NFPA 20-03 STANDARD CHAPTER 10. PLEASE NOTE:

- TO BE LOCATED WITHIN SIGHT OF PUMP MOTOR.
- FIRE PUMP CONTROLLER SHALL NOT BE USED AS A JUNCTION BOX.
- SEE: NFPA 20-03 CHAPTER 10.3.4.6

MOTORS SHALL BE LISTED FOR FIRE PUMP SERVICE AND COMPLY WITH NEMA STANDARD M6-1 NEMA DESIGN B
NFPA 20-03 CHAPTER 9.5.1.1 & 9.5.1.2

U.L.(F.M.) LISTED BUILT TO UL STANDARD 1008 AND NFPA 20-03 STANDARD CHAPTER 10-8.2.1

- TRANSFER OF POWER SHALL TAKE PLACE WITHIN THE PUMP ROOM.
- TRANSFER SWITCH SHALL BE SPECIFICALLY LISTED FOR FIRE PUMP SERVICE.
- ONE TRANSFER SWITCH SHALL BE DEDICATED TO EACH FIRE PUMP.
- SEE: NFPA 20-03 CHAPTER 9.6.4, 10-8.3.1 AND 10-8.2.3

1/4" N.P.T. BULKHEAD PRESSURE SWITCH CONNECTION
SEE NFPA 20-03, 10-5.2.1.6 B