

FIRE PUMP POWER SERVICE:

FIRE PUMP ELECTRICAL SERVICE INSTALLATIONS SHALL MEET LEHI CITY POWER SERVICE SPECIFICATIONS, NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES, AND NATIONAL ELECTRICAL SAFETY CODE (NESC) LATEST REVISIONS.

CONTACT LEHI CITY POWER. (ENGINEERING DIVISION) AT 560 WEST GLEN CARTER DRIVE, LEHI, UT., FOR SERVICE SPECIFICATIONS. SPECIFICATIONS ARE PUBLISHED ON THE LEHI CITY WEBSITE UNDER POWER DEPARTMENT.

APPLICATION FOR PERMANENT ELECTRICAL SERVICE MUST BE COMPLETED BY OWNER BUILDER/CONTRACTOR PRIOR TO CONNECTION OF PERMANENT ELECTRICAL SERVICE.

AN APPLICATION FOR ELECTRICAL SERVICE THAT INCLUDES A FIRE PUMP SHALL INCLUDE THE SPECIFICATIONS OF THE FIRE PUMP MOTOR SIZE (HP), VOLTAGE, SINGLE- OR THREE-PHASE, FULL LOAD CURRENT, LOCKED ROTOR CURRENT, AND THE FULL LOAD CURRENT OF THE FIRE PUMP ASSOCIATED EQUIPMENT.

LEHI CITY POWER WILL DETERMINE THE SERVICE TRANSFORMER SIZE IN ACCORDANCE WITH NEC 695.5. A THREE-PHASE FIRE PUMP MOTOR SHALL BE SERVED WITH A THREE-PHASE TRANSFORMER [NO PHASE CONVERTERS ARE ALLOWED BY THE NEC OR NFPA FOR FIRE PUMPS, NEC 695.3(l)].

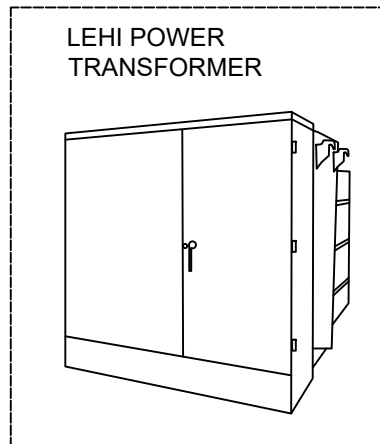
A SEPARATE SERVICE FOR THE FIRE PUMP IS REQUIRED. THE FIRE PUMP SERVICE SHALL HAVE:

- A SINGLE DISCONNECT SWITCH INSTALLED BETWEEN THE POWER SOURCE AND THE FIRE PUMP CONTROLLER [NEC 695.4(B)(1)(a)] THAT MEETS THE REQUIREMENTS OF 695.4(B)(3)(a) THROUGH (e); AND,
- OVERCURRENT DEVICE(S) THAT MEET THE REQUIREMENTS OF NEC 695.4(B)(2)(a)(1) or (2).

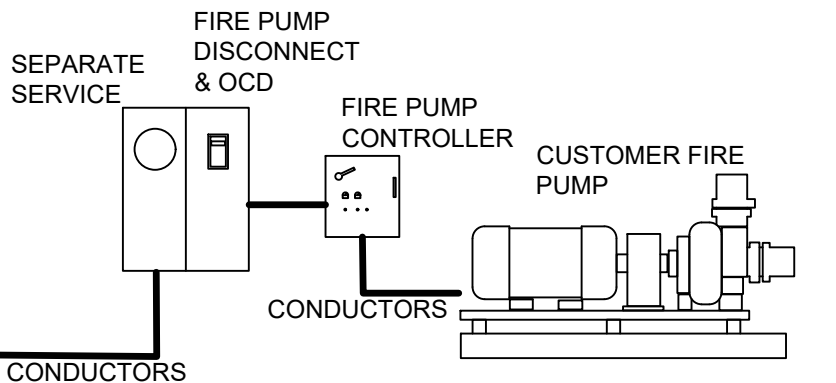
METER & SERVICE LOCATIONS ARE TO BE DETERMINED BY LEHI CITY POWER. (SEE ATTACHMENT TO JOB COPY DRAWINGS).

CUSTOMER/CONTRACTOR IS RESPONSIBLE FOR SIZING AND SPECIFYING THE FIRE PUMP ELECTRICAL SERVICE CONDUCTORS, DISCONNECT SWITCH, AND OVERCURRENT DEVICE(S) IN ACCORDANCE WITH NEC REQUIREMENTS.

LEHI POWER'S RESPONSIBILITY



CUSTOMER'S RESPONSIBILITY



REQUIREMENTS & STANDARDS ELECTRICAL SERVICE INFORMATION

FIRE PUMP POWER SERVICE

DWG: **2.5**

REV. 0.00

BY: MRA/BT

DATE: 9/15/22