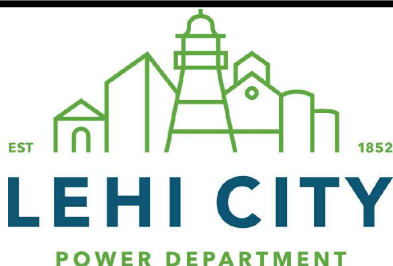


NOTES:

1. THE METAL CONDUIT RACEWAY SHALL BE BONDED TO THE NEUTRAL CONDUCTOR BY THE USE OF A GROUNDING BUSHING (WITH BONDING JUMPER), BONDING LOCKNUTS, THREADED CONDUIT HUB, OR OTHER AS APPROVED BY LEHI CITY INSPECTION DEPARTMENT.
2. WHEN A GROUNDING BUSHING IS USED, A BONDING JUMPER SHALL BE INSTALLED TO CONNECT WITH THE NEUTRAL GROUNDING TERMINAL AS REQUIRED BY LEHI CITY INSPECTION DEPARTMENT. SEE NEC TABLE 250-66 FOR BONDING JUMPER SIZES.
3. THE GROUNDING ELECTRODE SYSTEM (CONSISTING OF METAL WATER PIPES, METAL BUILDING FRAME, CONCRETE ENCASED ELECTRODE, GROUND RING, DRIVEN GROUND RODS, ETC.) SHALL BE BONDED TO THE NEUTRAL CONDUCTOR AND INSTALLED AS REQUIRED BY LEHI CITY INSPECTION DEPARTMENT. CONCRETE ENCASED ELECTRODE SHALL BE REQUIRED FOR ALL NEW CONSTRUCTION.



REQUIREMENTS & STANDARDS
GROUNDING & BONDING
FOR 100 & 200 AMP SERVICES
TYPICAL DIRECT CONNECT METERING
RESIDENTIAL & COMMERCIAL POWER SERVICE

DWG: **6.4.1**

REV. 0.00

BY: GWK/BT

DATE: 3/29/16