



RESIDENTIAL SINGLE-PHASE TRANSFORMER

COMMERCIAL 3-PHASE TRANSFORMER

PADMOUNTED EQUIPMENT

PADMOUNTED EQUIPMENT

NOTE:

IN THE EVENT OF AN EQUIPMENT FAILURE OR POWER OUTAGE, IT IS NECESSARY FOR UTILITY CREWS TO HAVE ADEQUATE ACCESS TO PADMOUNTED EQUIPMENT AND TRANSFORMERS. ACCESS TO THE FRONT SHALL BE TEN (10) FEET, ACCESS TO THE REAR AND SIDES SHALL BE THREE (3) FEET MINIMUM. NO TREES, SHRUBS, FENCES, LARGE LANDSCAPE ROCKS, OR OTHER OBSTRUCTIONS SHALL BE PERMITTED IN ACCESS AREA.

EXCEPTION: LEHI CITY OWNED COMMUNICATION BOXES MAY BE INSTALLED AS CLOSE AS ONE (1) FOOT (NON-ACCESS SIDE, AWAY FROM STREET) OF PADMOUNTED EQUIPMENT. PLACEMENT SHALL BE AS INDICATED ON CONDUIT SYSTEM DESIGN DRAWINGS.

NOTE FOR NEW SERVICES

1. PADMOUNTED EQUIPMENT, TRANSFORMERS AND SECONDARY JUNCTION BOXES ARE LOCKED FOR PROTECTION AGAINST ELECTRICAL SHOCK.
2. WHEN INSTALLATION OF A NEW SERVICE REQUIRES ACCESS TO A TRANSFORMER OR SECONDARY JUNCTION BOX, OWNER/CONTRACTOR SHALL CONTACT LEHI CITY POWER.
3. ALL NEW CONDUIT RUNS SHALL BE INSTALLED BY CONTRACTOR INTO TRANSFORMER \SECONDARY JUNCTION BOX WITH LEHI CITY POWER SUPERVISION. SEE 3.1.4 FOR REQUIREMENTS.
4. BLUE STAKE LAWS PROHIBIT ANY DIGGING NEAR EQUIPMENT WITHIN THE 2' SAFETY ZONE. PLEASE HAND DIG AROUND ANY ELECTRICAL EQUIPMENT.
5. REFER TO 5.3 FOR CLEARANCE TO COMBUSTIBLE STRUCTURES FROM TRANSFORMERS.

REQUIREMENTS & STANDARDS

**TRANSFORMER & EQUIPMENT
REQUIRED CLEARANCES**

RESIDENTIAL & COMMERCIAL POWER SERVICE



DWG: **5.1**

REV. 1.00

BY: GWK/BT

DATE: 6/23/20