



INSTALLATION REQUIREMENTS:

1. **ACCEPTANCE:** THE COMPANY RESERVES THE RIGHT TO REFUSE SERVICE TO NEW INSTALLATIONS THAT DO NOT MEET COMPANY REQUIREMENTS AND MAY ELECT TO REMOVE EXISTING SERVICE CABLES IF THE CUSTOMER FAILS TO PROVIDE ADEQUATE MAINTENANCE TO CUSTOMER OWNED FACILITIES.
2. **LOCATION:** THE COMPANY SHALL BE RESPONSIBLE FOR DETERMINING THE FINAL LOCATION FOR THE TRANSFORMER PAD. THE CUSTOMER SHALL PROVIDE A LEVEL LOCATION FOR A PADMOUNTED TRANSFORMER INSTALLATION AS DIRECTED BY THE COMPANY. THE TRANSFORMER MUST BE LOCATED WITHIN 25 FEET OF AND ADJACENT TO A DRIVEWAY OR OTHER AREA ACCESSIBLE TO COMPANY CONSTRUCTION AND MAINTENANCE EQUIPMENT. THE TRANSFORMER (OR TRANSFORMER FOUNDATION) MUST BE AT LEAST 10 FEET FROM COMBUSTIBLE WALLS, WINDOW, OR VENTILATION OPENINGS AND 20 FEET FROM ANY DOORWAY IN A BUILDING. LANDSCAPING MUST BE KEPT A MINIMUM OF 3 FEET THE SIDES OR BACK OF THE TRANSFORMER (OR TRANSFORMER PAD). THERE MUST BE A CLEARANCE OF AT LEAST 10 FEET FROM ANY OBSTRUCTION TO THE FRONT OF THE TRANSFORMER. SEE COMPANY STD. 99134.
3. **INSTALLATION:** THE CUSTOMER IS RESPONSIBLE FOR INSTALLING THE TRANSFORMER FOUNDATION (BOXPAD) IN ACCORDANCE WITH COMPANY REQUIREMENTS. TRANSFORMERS WILL BE MOUNTED ON A FIBERGLASS BOXPAD, OR ON A PAD INCORPORATED INTO THE BASE OF THE PADMOUNT TRANSFORMER. IF CONDUIT IS USED FOR THE PRIMARY CABLE INSTALLATION, DUKE ENERGY WILL PROVIDE AND INSTALL THE BOX PAD ON RESIDENTIAL AND COMMERCIAL APPLICATIONS. THE CUSTOMER SHOULD CONSIDER FROST ACTION, DRAINAGE AND LOCAL SOIL CONDITIONS WHEN LOCATING THE TRANSFORMER FOUNDATION. SPECIFIC REQUIREMENTS INCLUDE:
 - EXCAVATE A HOLE FOR THE PAD: 60" X 60", 22" DEEP.
 - THE TRANSFORMER PAD OR BOXPAD SHALL BE INSTALLED ON A BED OF GRANULAR BACKFILL MATERIALS THAT HAS BEEN COMPACTED PRIOR TO PLACING THE FOUNDATION.
 - THE SURFACE OF THE TRANSFORMER PAD SHALL BE FLAT AND LEVEL WITHIN 1 INCH IN ALL DIRECTIONS.
 - CUSTOMER INSTALLED CONDUITS (PRIMARY OR SECONDARY) SHALL BE EXTEND A MINIMUM OF 1 INCH ABOVE THE SURFACE OF THE FLAT PAD. THEY SHALL TERMINATE NO MORE THAN 6 INCHES AND NO LESS THAN 3 INCHES ABOVE THE BOTTOM OF THE BOXPAD.
 - CUSTOMER INSTALLED SERVICE CABLES SHALL EXTEND 6 FEET ABOVE THE TOP SURFACE OF THE FOUNDATION.
4. **MATERIALS & LABOR:** COMPANY WILL PROVIDE THE BOXPAD, DEPENDING ON SPECIFIC JOB REQUIREMENTS. THE CUSTOMER SHALL PROVIDE ALL MATERIALS AND EXCAVATION LABOR NECESSARY TO INSTALL THE TRANSFORMER PAD OR BOXPAD. THIS INCLUDES: EXCAVATION, BACKFILLING, INSTALLATION OF CONDUIT AND CONDUIT ACCESSORIES, BUILDING FORMS, POURING AND FINISHING CONCRETE, ETC.