



1. WOOD POLE SHOWN FOR INFORMATION ONLY, REFER TO HYDRO ONE WOOD POLE DETAILS FOR COMPLETE INSTALLATION DETAILS AND REQUIREMENTS.
2. ALL GROUNDING TO BE IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE.
3. #4/0 BARE Cu GROUND RUN WITH THE 44kV CABLES AND CONNECT TO STATION GROUND.
4. #4/0 BARE Cu CONNECTING ALL METALLIC EQUIPMENT TO GROUND GRID.
5. PROVIDE 900mm X 600mm GROUND MAT AT DEAD-END POLE (H.P. 12 AND (H.P. 1). GROUND GRADIENT MAT CLAMPED TO GROUND GRID AND SWITCH HANDLE GROUND (TWO PLACES)
6. PROVIDE GROUND RODS AROUND EACH HIGH VOLTAGE POLE. GROUND RODS TO BE 3000mm X 19mm DIA. COPPER CLAD STEEL. GROUND GRID CONDUCTORS ARE TO BE #4/0 AWG COPPER AND TAP CONDUCTOR TO BE #2/0 AWG COPPER.
7. PROVIDE POLE GUYS AS NECESSARY. THE INSTALLATION OF GUYS TO BE IN ACCORDANCE WITH RULES 75-300 THROUGH 75-316. REFER TO OPSD-2235.01 FOR INSTALLATION DETAILS.
8. WHERE POLE MOUNTED LIGHTS ARE INSTALLED ON POLES CARRYING THE CONDUCTORS OF PRIMARY LINE, THE LIGHTING FIXTURES SHALL BE AT LEAST 3M BELOW THE PRIMARY CONDUCTS.
9. WHERE LUMINAIRES ARE INSTALLED ON POLES, THERE SHALL BE SIGNS CAUTIONING THAT HIGH VOLTAGE IS PRESENT AND ADVISING THAT LAMP CHANGING SHALL BE DONE ONLY BY QUALIFIED PERSONS.