



**NOTES:**

1. REINFORCING REBARS TO GRD. 400, CSA-G30.18M
2. ANCHOR RODS MUST BE PERFECTLY PLUMBED AND SHALL HAVE SAME B.C.D. AS INDICATED.
3. CONCRETE: -30 MPa IN 7 DAYS  
 -5% - 8% AIR  
 -70mm - 100mm SLUMP  
 -TYPE 50 CEMENT  
 -OTHER REQUIREMENTS TO MEET THE CITY OF EDMONTON'S "SPECIFICATION FOR STRUCTURAL FOOTING"
4. PILE INSTALLATION & WINTER PROTECTION SHALL CONFORM TO THE LATEST OF CSA, CAN3-A23.
5. ANCHOR RODS, NUTS, AND WASHERS SHALL BE HOT DIP GALVANIZED AS PER C.S.A. G164.
6. SOIL IS ASSUMED TO BE HOMOGENEOUS FIRM CLAY. IF UNSUITABLE SOIL IS FOUND TO BE MORE THAN 1.5m DEEP, THE PILE LENGTH MUST BE INCREASED TO ACCOMMODATE SUCH ADDITIONAL DEPTH OF UNSUITED SOIL. IF SITE CONDITION DOES NOT CONCUR WITH THE FIRM CLAY ASSUMPTION, IT MUST BE NOTIFIED TO THE PROJECT ENGINEER IMMEDIATELY.
7. THE ENGINEERING SEAL ON THIS DRAWING RELATES TO THE DESIGN OF THE CONCRETE FOUNDATION ONLY AND DOES NOT APPLY TO THE LIGHT POLE.
8. ALL ANCHOR RODS SHALL BE DOUBLE NUTTED, PLASTIC CAPPING IS NOT REQUIRED.

	TRANSPORTATION SERVICES TRAFFIC OPERATIONS BRANCH
	TRAFFIC SIGNALS
TYPICAL FOUNDATION FOR 16' POLE TRAFFIC PED	
NOT TO SCALE	DWG. NO. BASE-16-PED-CPB