



**NOTES**

- CONCRETE
1. ALL CONCRETE SHALL BE IN ACCORDANCE WITH CAN23.1, A23.2 AND A23.3-M77 (LATEST EDITION).
  2. CONCRETE SHALL BE PROPORTIONED IN ACCORDANCE WITH CAN 3 23.7-77 TO MEET THE FOLLOWING REQUIREMENTS:

28 DAY STRENGTH	35 MPa
CEMENT TYPE	50
SLUMP	90 (mm±13mm)
AGGREGATE SIZE	19mm
ENTRAINMENT AIR	6-8%
WATER/CEMENT RATIO	0.45

REINFORCING STEEL

3. ALL REINFORCING BARS TO BE HIGH STRENGTH DEFORMED BARS TO GRADE 400 MPa (GRADE 60) DEFORMED BILLET STEEL BARS. ALL BARS TO CONFORM TO CSA G30.12-M1977/ASTM A615.
4. CONCRETE COVER SHALL BE AS NOTED ON DRAWINGS.
5. THE LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE CONFIRMED PRIOR TO PROCEEDING WITH THE EXCAVATION.

**DETAIL — LAMP BASE**

SCALE: 1:20

<b>KGS GROUP</b> 	<b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES DIVISION
	WATERFRONT DRIVE — SHIP STREET VILLAGE

**LAMP STANDARD  
BASE DETAIL**

MAR.01/06

SK1 - R1