



1. CONCRETE MATERIALS AND METHODS OF CONSTRUCTION TO CAN/CSA A23.1 AND METHODS OF TEST FOR CONCRETE TO CAN/CSA A23.2.
2. CONCRETE REQUIREMENTS:
 - i. CONCRETE EXPOSURE CLASS: C-1.
 - ii. 28 DAY MINIMUM COMPRESSIVE STRENGTH: 40 MPa.
 - iii. AIR CONTENT: 5% TO 7%.
 - iv. MAXIMUM WATER-TO-CEMENT MATERIALS RATIO: 0.35.
 - v. NOMINAL AGGREGATE SIZE: 20mm
3. REINFORCING STEEL REQUIREMENTS:
 - i. COVER: 75mm U.N.O.
 - ii. MINIMUM YIELD STRENGTH: 400 MPa
 - iii. FINISH: BLACK STEEL
 - iv. LAPS LENGTHS FOR 20M BARS TO BE 650mm.

