

Part 1 General

1.1 REFERENCES

- .1 Canadian Standards Association (CSA):
 - .1 CAN/CSA-A23.1, Concrete Materials and Methods of Concrete Construction.
 - .2 CAN/CSA-A23.2, Methods of Test for Concrete.
 - .3 CAN/CSA-A3000-A5, Portland Cement.

1.2 SUBMITTALS

- .1 Shop Drawings:
 - .1 Submit mix design in accordance with Section 01 33 30 – Submittals.

Part 2 Products

2.1 MATERIALS

- .1 Portland cement: to CAN/CSA -A5, Type HS.
- .2 Other concrete materials: to CAN/CSA-A23.1.

2.2 MIXES

- .1 Proportion concrete in accordance with CAN/CSA-A23.1.
- .2 Minimum compressive strength at 28 days: 35 MPa.
- .3 Class of exposure: S-1 to CAN/CSA-A23.1, Table 11.
- .4 Nominal maximum size of coarse aggregate: to CAN/CSA-A23.1.
- .5 Slump: to CAN/CSA-A23.1.
- .6 Air content: concrete to contain purposely entrained air in accordance with CAN/CSA-A23.1, Table 10.
- .7 Admixtures: to CAN/CSA-A23.1.

Part 3 Execution

3.1 CONSTRUCTION

- .1 Do cast-in-place concrete work in accordance with CAN/CSA-A23.1.

3.2 FINISHES

- .1 Slope the top of finished concrete surfaces away from timber support posts.

3.3 CURING

- .1 Cure and protect concrete in accordance with CAN/CSA-A23.1.

3.4 FIELD QUALITY CONTROL

- .1 Concrete testing: to CAN/CSA-A23.2 by testing laboratory designated and paid for by Department Representative.

END OF SECTION