

PART 1 - GENERAL

- 1.1 REFERENCES .1 Canadian Standards Association (CSA International)
- .1 CSA-A23.1-04/A23.2-Latest Edition, Concrete Materials and Methods of Concrete Construction/Methods of Test and Standard Practices for Concrete.
 - .2 CSA-O86S1-Latest Edition, Supplement No. 1 to CAN/CSA-O86-Latest Edition, Engineering Design in Wood.
 - .3 CSA O121-M-Latest Edition, Douglas Fir Plywood.
 - .4 CSA O151-Latest Edition, Canadian Softwood Plywood.
 - .5 CSA O153-M-Latest Edition, Poplar Plywood.
 - .6 CAN/CSA-O325.0-Latest Edition, Construction Sheathing.
 - .7 CSA O437 Series-Latest Edition, Standards for OSB and Waferboard.
 - .8 CSA S269.1-Latest Edition, Falsework for Construction Purposes.
 - .9 CAN/CSA-S269.3-M-Latest Edition, Concrete Formwork, National Standard of Canada
- .2 Underwriters' Laboratories of Canada (ULC)
- .1 CAN/ULC-S701-Latest Edition, Standard for Thermal Insulation, Polystyrene, Boards and Pipe Covering.
- 1.2 ACTION AND INFORMATIONAL SUBMITTALS
- .1 Submittals in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit shop drawings for formwork and falsework.
 - .3 Indicate method and schedule of construction, shoring, stripping and re-shoring procedures, materials, arrangement of joints, special architectural exposed finishes, ties, liners, and locations of temporary embedded parts. Comply with CSA S269.1, for falsework drawings
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- 1.2 ACTION AND INFORMATIONAL SUBMITTALS (Cont'd)
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- .3 (Cont'd)
Comply with CAN/CSA-S269.3 for formwork drawings.
 - .4 Indicate formwork design data: permissible rate of concrete placement, and temperature of concrete, in forms.
 - .5 Indicate sequence of erection and removal of formwork/falsework as directed by Departmental Representative.

PART 2 - PRODUCTS

- 2.1 MATERIALS
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- .1 Formwork materials:
 - .1 For concrete without special architectural features, use wood and wood product formwork materials to CSA-0937.

PART 3 - EXECUTION

- 3.1 FABRICATION AND ERECTION
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- .1 Verify lines, levels and centres before proceeding with formwork/falsework and ensure dimensions agree with drawings.
 - .2 Obtain Departmental Representative's approval for use of earth forms framing openings not indicated on drawings.
 - .3 Hand trim sides and bottoms and remove loose earth from earth forms before placing concrete.
 - .4 Fabricate and erect falsework in accordance with CSA S269.1.
 - .5 Fabricate and erect formwork in accordance with CAN/CSA-S269.3 to produce finished concrete conforming to shape, dimensions, locations and levels indicated within tolerances required by CSA-A23.1/A23.2.
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- 3.1 FABRICATION AND ERECTION
(Cont'd)
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- .6 Align form joints and make watertight.
 - .1 Keep form joints to minimum.
 - .7 Use 25 mm chamfer strips on external corners and/or 25 mm fillets at interior corners, joints, unless specified otherwise.
 - .8 Form chases, slots, openings, drips, recesses, expansion and control joints as indicated.