

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<br>INFORMATIONAL<br>SUBMITTALS<br>(Cont'd) | .3 (Cont'd)<br>Comply with CAN/CSA-S269.3 for formwork<br>drawings.  |
|   | .4 Indicate formwork design data: permissible<br>rate of concrete placement, and temperature of<br>concrete, in forms. |
|   | .5 Indicate sequence of erection and removal of<br>formwork/falsework as directed by Departmental<br>Representative.   |

## PART 2 - PRODUCTS

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| 2.1 MATERIALS | .1 Formwork materials:<br>.1 For concrete without special<br>architectural features, use wood and wood<br>product formwork materials to CSA-0937. |
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## PART 3 - EXECUTION

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| 3.1 FABRICATION AND<br>ERECTION | .1 Verify lines, levels and centres before<br>proceeding with formwork/falsework and ensure<br>dimensions agree with drawings.  |
|                                 | .2 Obtain Departmental Representative's approval<br>for use of earth forms framing openings not<br>indicated on drawings.   |
|                                 | .3 Hand trim sides and bottoms and remove loose<br>earth from earth forms before placing<br>concrete.   |
|                                 | .4 Fabricate and erect falsework in accordance<br>with CSA S269.1.  |
|                                 | .5 Fabricate and erect formwork in accordance<br>with CAN/CSA-S269.3 to produce finished<br>concrete conforming to shape, dimensions,<br>locations and levels indicated within<br>tolerances required by CSA-A23.1/A23.2. |
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- 3.1 FABRICATION AND .6 Align form joints and make watertight.  
ERECTION .1 Keep form joints to minimum.  
(Cont'd)
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- .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.