



2010 13th ANNUAL SKILLS MANITOBA COMPETITION CONTEST SCOPE

CONTEST NAME: ARCHITECTURAL TECHNOLOGY & DESIGN

CONTEST NO: 52

LEVEL: Post secondary Level

CONTEST LOCATION: Red River College Room J1-21

CONTEST START TIME AND DURATION: 9:00am – 2:00pm

PURPOSE OF CHALLENGE:

Assess the contestant's skills in performing technical design and drawing tasks

SKILLS AND KNOWLEDGE TO BE TESTED:

The contestant will be challenged with interpreting instructions, reading, and developing a residential or commercial stair project.

Computer Aided Design & Drafting (CADD) and sketching techniques.

POINT BREAKDOWN (1000 POINTS)

PRESENTATION

Line weights & Line type usage
Layout, organization of text and graphic information
Use of appropriate hatching, when applicable

ACCURACY OF DRAWING

Technical working drawing content

- Use of Architectural conventions
- Dimensioning
 - Annotation
- Linetypes
 - hatch
- scale

COMPLIANCE TO STANDARDS

National Building Code (NOT including the Manitoba amendments)

EQUIPMENT, TOOLS, MATERIALS TO BE PROVIDED BY COMMITTEE:

Windows compatible hardware loaded with AutoCAD & Architectural Desktop software. Should other software packages or platforms be desired, the contestant and their mentors are responsible for providing system support (e.g. installing, printing or networking and licensing) to complete the project as specified. Alternate software will require prior approval of the Provincial Technical Committee.

No software reference manuals, textbooks or electronic data, will be permitted for the duration of the competition. However, the NBC will be required.

Only information submitted to the contestant by the Provincial Technical Committee during the contest will be authorized for use.

There will be a printer supplied on site for use by contestants and for judging purposes.

EQUIPMENT, TOOLS, MATERIALS TO BE SUPPLIED BY COMPETITOR:

National Building Code, scales (metric and imperial), calculator, pencil and paper. Back up device, either flash drive or CD.

WORKSITE SAFETY RULES / REQUIREMENTS:

Provided on site

FOR MORE INFORMATION CONTACT TECHNICAL COMMITTEE MEMBER:

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