

# Practice Information

## SECONDARY COMPETITION PRACTICE INFORMATION

Please Note: This practice information is NOT the project for the 2025 competition. It is intended to be used as a training resource to help prepare for the competition.

## DAY TWO COMPETITION

### Day 2 Competition Overview

Day 2 is a continuation of Day 1, Task 3. Competitors will continue working on the residential drawing project. Technical and graphic skills will continue to be challenged through the production of a Cover Page, Building Sections and a Section Detail.

Refer to the instructions on the following pages, as well as the digital folder and hard copy drawings that accompany this package. Competitors will complete the following tasks in Day 2:

- Create a Cover Page,
- Create Building Sections, and
- Create a Section Detail

**Note. You may use your Day 1 competition documents for reference material in Day 2.**

All competitors will complete their tasks as specified, manage their project files appropriately; and produce a compiled PDF of their drawings in continuation of Task 3. All drawings must apply appropriate standard architectural scales. Electronic files must be submitted to the competition invigilators before competitors leave the competition area. Competitors' work will be reviewed by judges on the second day, after then end of the competition. Winners will be announced at the end of the competition at the formal awards ceremony. Ensure that only your competitor number is identified on your tasks, and drawings in the space provide in title block. Competitors who do not use their competitor number, or who identify their work with their names may be disqualified from the competition. Create an electronic folder on your computer desktop – name of the folder is your Competitor Number - and save all work, including PDFs in this folder. Apply proper file management including frequent saving to ensure any work is not lost. Make sure to submit all required documents at the end of Day 1 or Day 2 as specified.

### **Program and Requirements. Task 3 continued**

All drawings and designs must be completed as follows:

- using a standard CADD application such as Autodesk Revit, or Autodesk AutoCAD
- only “out of the box” templates, families, etc.
- units are imperial (feet and fractional inches) unless noted otherwise
- apply appropriate architectural drafting scales, standards, and graphic conventions
- use a standard title block that accompanies your CADD application you are using
- competitors must be identified on drawings by Competitor Number ONLY (competitors subject to disqualification if this rule is not strictly followed).

## Title Blocks & Sheet Numbering Convention

Use an ARCH 'C' size title block. Use the standard title block that comes with your chosen CADD application. DO NOT use your name. In the locations where your name would typically go in the title block, use your competitor number.

The sheet number convention is the same as Day 1. The Cover Page shall be sheet 'A0.' The Building Sections shall be next in your set after the Elevations from Day 1. The Section Detail shall follow after the Building Sections.

**A0** – Cover Page

**Ax** – Building Section 1

**Ax** – Section Detail

You may use additional sheets as required. Continue the sheet number sequence in order. Be sure to make efficient use of sheets.

## Required Views – Day 2

Refer to Figure 3. Main Floor (Day 2)

- Cover Sheet (see below)
- Building Section 1
- Building Section 2
- Section Detail

## Cover Sheet

- Not to scale (N.T.S)
- Sheet List
- Minimum one high quality perspective image (your choice) demonstrating curb appeal

## Building Sections

- 1/4" = 1'-0" Scale
- Refer to Figure 3 for cut planes of the two required building sections
  - Building Section 1. Transverse section cutting through the stairs
  - Building Section 2. Longitudinal section cutting through the front entry
- Layout both building sections applying proper architectural drafting standards
- **Fully annotate the Building Section 1 section only** (section cutting through the stairs). Annotation of the other building section is not required
- Create a callout on Building Section 1 at the base of the foundation wall at the basement. It should include the footing, foundation wall, furring wall, and basement floor slab.

## Section Detail

If you have not done so already, in Building Section 1, create a callout on Building Section 1 at the base of the foundation wall at the basement. It should include the footing, foundation wall, furring wall, and basement floor slab. This is the section detail that you will develop as follows:

- Choose an appropriate standard architectural scale for this view.
- Create a section detail at the bottom of the basement foundation wall
- Fully annotate the detail
- Be sure to include, and address the following:
  - Structural elements, features, and their relation to each other
  - Non-structural building elements or other features as required at this location
  - Building envelope features
  - Drainage and moisture protection features

## Technical Information

Per requirements outlined in Day 1.

## Construction Assemblies

Per requirements outlined in Day 1.

## **Day 2 - Task Point Values, and Assessment**

<b>1. Task 3. Cover sheet</b>	<b>5.0 points</b>
a. Illustrations	3.0 points
b. Sheet Setup/Layout	2.0 points
<b>2. Task 3. Building Sections</b>	<b>15.0 points</b>
a. Building Section 1	
i. Technical/Accuracy	6.0 Points
ii. Graphic Standards	5.0 Points
b. Building Section 2.	
i. Technical/Accuracy	2.0 Points
ii. Graphic Standards	2.0 Points
<b>3. Task 3. Section Detail</b>	<b>15.0 points</b>
i. Technical/Accuracy	8.0 Points
ii. Graphic Standards	7.0 Points
<b>Total Day Two</b>	<b>35 Points</b>

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### ***END OF DAY 2***

#### **Before Submitting and Leaving the Competition Area:**

1. Save all the ARCH D PDFs as well as digital work files to the desktop project folder AND on the memory stick provided to you.
2. Submit memory stick to judges.

**Leave ALL competition documents and notes in the competition area.**

**Do NOT start packing computers until ALL competitors are finished.**

## Rubric

Category	GRADE				
	Excellent	Good	Satisfactory	Marginal	Incomplete
8.0 Pt. Item	8	6	5	3	0
6.0 Pt. Item	6	5	4	2	0
5.0 Pt. Item	5	4	3	2	0
4.0 Pt. Item	4	3	2.5	1.5	0
3.0 Pt. Item	3	2		1	0
2.0 Pt. Item	2	1.5		1	0

## Rubric Assessment Criteria

**Incomplete.** Required elements missing or substantially incomplete.

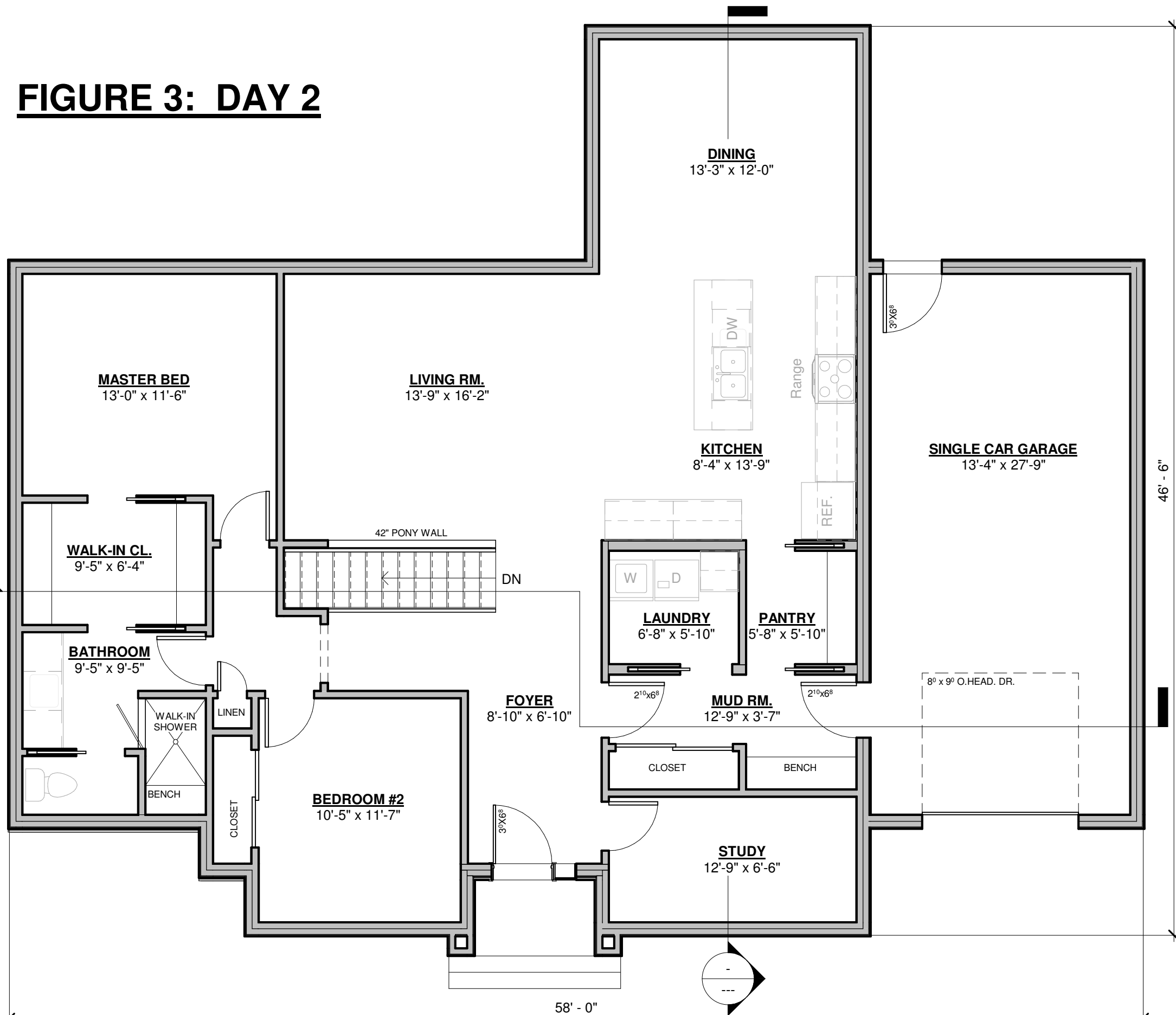
**Marginal.** Required elements are present but substantially incorrect, or do not substantially convey design intent.

**Satisfactory.** Required elements are substantially complete. Combination of accuracy and/or drafting standards, are marginal. Technical solutions and design intent are generally conveyed although substantial interpretation may be required. Demonstrates general understanding of subject matter.

**Good.** Required elements are complete. Drawings demonstrate reasonable degree of accuracy, quality design and drafting standards. Demonstrates ability to apply technical solutions and convey design intent. Drawings or solutions still not perfect but demonstrates fundamental understanding of subject matter.

**Excellent.** High quality drawings. Demonstrates strong ability to apply technical solutions and convey design intent. Complete and accurate, demonstrating strong presentation skills and knowledge of drafting and graphic standards.

# FIGURE 3: DAY 2



SKILLS ALBERTA  
 ARCH. TECH. -  
 SECONDARY

FIGURE 3. MAIN FLOOR PLAN

Project number	SKILLS AB. 2023	<b>FIG. 3</b> Scale 3/16" = 1'-0"
Date	APRIL 2023	
Drawn by	P. KELLY	
Checked by		

1 1st FLOOR PLAN - Day 2  
 FIG. 3 3/16" = 1'-0"