## Architectural DRAFTING

### I. Demonstrate understanding of terms and principles used in the architectural profession

**Tasks Instructions:**

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<tbody>
<tr>
<td>Each number to the right refers to a single student/candidate (1-10). Place a check (√) in the respective column for the appropriate student/candidate number (1-10) if the skills listed below are observed as stated. Leave blank if not observed. Student/candidate will only get credit for the skills they have demonstrated.</td>
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- Define and use terms commonly used in the architectural profession
- Explain the application of geometric objects to building materials

**Safety and infection control are adhered to during all aspects of this task.**

**The student completed task within the time limited.**

**Points earned**

**Total possible points (4)**

### II. Interpret and apply conventional General Drafting Standards to architectural drafting situations

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</table>
| Define function of each line in the alphabet of Lines
- Explain the graphical characteristics of each line |
Explain orthographic elevation projection

Explain the terms and definitions used in detail drawings, working drawings and drafting

Define and describe the components that comprise architectural drawings

Define and describe the components that comprise architectural construction (working) drawings

Safety and infection control are adhered to during all aspects of this task.

The student completed task within the time limited.

Points earned

Total possible points (8)

III. — Develop a set of working drawings from a provided scenario with provided materials using competencies identified for drafting certification by the American Design Drafting Association

Tasks Instructions:

1. Produce multiview drawings with lines, curves, surfaces, holes, fillets, rounds, chamfers, run outs and ellipses
2. Use standard drafting techniques to create section views to improve the visualization of new designs
3. Clarify multiview drawings and facilitate the dimensioning of drawings
4. Summarize and apply the principles and procedures for adding size information to a drawing according to standard dimensioning practices
5. Draw and label site plans, floor plans, foundation plans, plumbing plans, mechanical plans, electrical plans and landscaping plans with elevations, sections, details, schedules and necessary multiviews

Safety and infection control are adhered to during all aspects of this task.

The student completed task within the time limited.

Points earned

Total possible points (7)

Total points earned for all sections (A) 19
| Student/candidate score (divide A/B) |   |   |   |   |   |   |   |   |   |   |   |