

# Architecture Design (2023)

## Architectural applications. 1

- 1 Identify historical styles of architecture and types of structural designs. 1.1

---

- 2 Design a functional structure suitable for a particular site. 1.2

---

- 3 Calculate/estimate building costs for a particular structure and develop brief specifications for the project. 1.3

---

- 4 Produce a floor plan with all walls, doors, windows and stairs properly identified. 1.4

---

- 5 Draw plumbing and electrical layers. 1.5

---

- 6 Draw a foundation plan for a single-family dwelling. 1.6

---

- 7 Draw elevations and pictorial presentations e.g. exterior, interior, etc. 1.7

---

- 8 Dimension and draw wall section with all components identified. 1.8

---

- 9 Develop Plot Plan with house, out buildings, trees, utility supply lines and communications supply lines identified. 1.9

---

- 10 Demonstrate the ability to 3D model a structure using different mediums in design. 1.10

---

- 11 Draw a roof framing plan for a single-family dwelling. 1.11