# **Residential Structural Calculation Report**

## 1. Project Information

| Project Name    |  |
|-----------------|--|
| Project Address |  |
| Owner           |  |
| Date            |  |
| Engineer        |  |

## 2. Introduction

## 3. Codes and Standards

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## 4. Structural System Description

## 5. Design Loads

| Load Type | Description | Magnitude | Unit |
|-----------|-------------|-----------|------|
|           |             |           |      |
|           |             |           |      |

## 6. Calculations

6.1 Foundation

6.2 Beams

6.3 Columns

6.4 Walls

6.5 Roof/Floor

## 7. Materials

| I | Material | Grade/Type | Strength | Notes |
|---|----------|------------|----------|-------|
|   |          |            |          |       |
|   |          |            |          |       |

## 8. Structural Plans & Details

## 9. Conclusion

| 10. Engineer's Certification | 1 | 0. | Eng | ine | er's | Cer | tific | atio |
|------------------------------|---|----|-----|-----|------|-----|-------|------|
|------------------------------|---|----|-----|-----|------|-----|-------|------|

| Signature: _ |  |  |
|--------------|--|--|
| Date:        |  |  |