

Code Analysis

Project Information

Date:

Project:

Contact:

Address:

Phone:

City, State

E-Mail:

New Construction

Existing Building

Utilized Codes

Adopted codes by the Oklahoma Uniform Building Code Commission (OUBCC)

By checking all boxes you are verifying that the project will be designed and constructed according to the minimum standards adopted by the State of Oklahoma.

2018 International Building Code 2018 International Existing Building Code 2020 National Electric Code

2018 International Fire Code 2018 International Mechanical Code

2018 International Plumbing Code 2018 International Fuel Gas <https://oklahoma.gov/oubcc/codes-and-rules.html>

Building Construction

Occupancy Classification

- | | |
|---|--|
| <input type="checkbox"/> Assembly | <input type="checkbox"/> Institutional |
| <input type="checkbox"/> Business | <input type="checkbox"/> Mercantile |
| <input type="checkbox"/> Educational | <input type="checkbox"/> Residential |
| <input type="checkbox"/> Factory Industrial | <input type="checkbox"/> Storage |
| <input type="checkbox"/> High Hazard | <input type="checkbox"/> Utility Misc. |

Construction Type

- | | | |
|-----------------------------------|----------------------------|----------------------------|
| <input type="checkbox"/> Type I | <input type="checkbox"/> A | <input type="checkbox"/> B |
| <input type="checkbox"/> Type II | <input type="checkbox"/> A | <input type="checkbox"/> B |
| <input type="checkbox"/> Type III | <input type="checkbox"/> A | <input type="checkbox"/> B |
| <input type="checkbox"/> Type IV | <input type="checkbox"/> A | <input type="checkbox"/> B |
| <input type="checkbox"/> Type V | <input type="checkbox"/> A | <input type="checkbox"/> B |

Total Sq/ft

Stories:

Wood Studs

Metal Studs

Total Occupant Load

Code Reference: 2018 IFC Table 1004.5

Occupancy Use Group Guide:

<https://up.codes/a/occupancy-groups>

Construction Type Guide:

<https://up.codes/a/types-of-construction>

Total Sqft shall include all floors and roof hang overs

Fire Protection Features

Sprinkler Required 2018 IFC 903 Yes No NFPA: 13 13R 13D

Exception Utilized Code Reference:

Permitted Separately Yes No

Fire Alarm Required Yes No NFPA 72

Exception Utilized Code Reference:

Permitted Separately Yes No

Rated Separations Yes No 1 Hour 2 Hour

Wall Assembly Shown on Plan Yes No

Exception Utilized Code Reference:

Wall Assembly Guide: <https://www.usg.com/content/usgcom/en/design-studio/wall-assemblies.html>

Allowable Areas/Heights

Allowable Area in accordance 2018 IBC Table 506.2

Allowable Height in accordance 2018 IBC Table 504.3

Allowable Height/Area Guide: <https://up.codes/a/calculating-allowable-heights-areas>

Exits/Exit Capacity

Number of Exits Required by 2018 IFC 1006

Number of Exits Labeled on Plan

Exit Capacity Required for Stairways 2018 IFC 1005.3.1

Exit Capacity required for Other than Stairways 2018 IFC 1005.3.2

Exit Capacity provided for Stairways

Exit Capacity provided for Other than Stairways

Exit/Exit Capacity Guide: <https://up.codes/s/means-of-egress-sizing#>