

Code Analysis

Contractor 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)

2018 International Building Code

2018 International Mechanical Code

2018 International Fire Code

2018 International Fuel Gas

2018 International Plumbing Code

2020 National Electric Code

2018 International Residential Code

2018 International Existing Buildingg

Building Construction

Occupancy Classification

Assembly

Institutional

Business

Mercantile

Educational

Residentiall

Factory Industrial

Utility Misc.

High Hazard

Construction Type

Type I

A

B

Type II

A

B

Type III

A

B

Type IV

A

B

Type V

A

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#>