

SPRINKLER TRADE-OFFS BY OCCUPANCY TYPE

FROM THE 2006 EDITION INTERNATIONAL BUILDING CODE

Assembly Occupancy (Group A) – The Heights and Area Table permits as much as a 200% area increase per floor, with 52 trades-offs in the table and 66 trade-offs in the text for a total of **118**.

Business Occupancy (Group B) - allowable areas permit up to a 72,000 sq. ft. increase in Type IV construction with 29 trade-offs in the table and 60 trade-offs in the text, for a total of **89**.

Educational Occupancy (Group E) - allowable areas in the table permit 15 area increases up to 82,000 sq. ft. and 64 trade-offs in the text, for a total **79**.

Factory and Industrial Occupancy (Group F-1 & F-2) – the table allows for 45 area increases of up to 151,000 sq. ft. and 40 trade-offs in the text, for a total of **85**.

High Hazard Occupancy (Group H-1 through H-5) - allow for 21 trade-offs in the table; up to 75,000 sq. ft. increases and 29 trade off's in the text, for a total of **50**.

Institutional Occupancy (Group I) – the table allows for 112 area increases; up to 165,000 sq. ft. and 34 text trade-offs, for a total of **146**.

Mercantile Occupancy (Group M) – the table permits 24 area increases; up to 70,000 sq. ft. and 58 text trade-offs for a total of **82**.

Residential Occupancy (Group R) – the table allows for 64 area increases; up to 72,000 sq. ft. per floor and 61 text trade-offs for a total of **125**.

Utility Occupancy (Group U) – the table permits **22** area increases.

Total Sprinkler Trade-offs: **796**