

CENTURY TIRE AREA CALCULATIONS

BUILDING 'A' PROPOSED AREA = 5,021 SF

USE: A-2

TYPE: V-B

ALLOWABLE:

TABULAR (IBC 503) 6,000 SF

FRONTAGE INCREASE (IBC 506.2) = $(100((235'/310')-.25))*(24/30) = 40\%$

$(40\%)*6,000 \text{ SF} = 2,400 \text{ SF}$

SPRINKLER INCREASE (IBC 506.3) = 300%

$(300\%)*6,000 \text{ SF} = 18,000 \text{ SF}$

TOTAL ALLOWABLE = 6,000 + 2,400 + 18,000 = **26,400 SF**

BUILDING 'B' PROPOSED AREA = 8,325 SF

USE: A-2

TYPE: V-B

ALLOWABLE:

TABULAR (IBC 503) 6,000 SF

FRONTAGE INCREASE (IBC 506.2) = $(100((382'/382')-.25))*(24/30) = 60\%$

$(60\%)*6,000 \text{ SF} = 3,600 \text{ SF}$

SPRINKLER INCREASE (IBC 506.3) = 300%

$(300\%)*6,000 \text{ SF} = 18,000 \text{ SF}$

TOTAL ALLOWABLE = 6,000 SF + 3,600 SF + 18,000 SF = **27,600 SF**