

CODE ANALYSIS

YAMPA VALLEY ENGINEERING  
P.O. BOX 772192  
STEAMBOAT SPRINGS, CO 80477  
970-870-9229

PROJECT LOCATION: 24535 ROUTT COUNTY ROAD 27

PROJECT DESCRIPTION: TO PERMIT A SECONDARY UNIT ON THE UPPER LEVEL OF AN AG. BUILDING

THIS CODE STUDY IS BASED ON THE 2015 INTERNATIONAL BUILDING CODE & 2015 INTERNATIONAL ENERGY CONSERVATION CODE

BASIC BUILDING DESCRIPTION:

TYPE OF CONSTRUCTION = VB-NON-SPRINKLERED  
ONE HOUR SEPARATION BETWEEN THE U OCCUPANCY AND THE R-3.

HEIGHT OF BUILDING:

U OCC.-ACTUAL HEIGHT = 10'-0" FT. ALLOWED BLDG. HEIGHT = 40'-0"  
R-3 OCC.-ACTUAL HEIGHT = 12'-6" FT. ALLOWED BLDG. HEIGHT = 40'-0"

SQUARE FOOTAGE

U OCC.-FIRST STORY-ACTUAL SQ.FT.=1,760 ALLOWED SQ.FT.=5,600  
R-3 OCC.-SECOND STORY-ACTUAL SQ.FT.= 809 SQ.FT. ALLOWED SQ.FT.= UL

STORIES

U OCC-ACTUAL STORIES = 1 ALLOWED STORIES = 1

EXIT/EGRESS

SECOND FLOOR:

R-3 REQ'D EXITS = 1 ACTUAL EXITS = 1 MAX. TRAVEL DISTANCE = 200'-0"

