

**Community Development Department**

**1600 First St., P.O. Box 660  
Napa, CA 94559-0660**

**Engineering Division**  
Phone: (707) 257-9530

**Planning Division**  
Phone: (707) 257-9530

**Building Division**  
Phone: (707) 257-9540  
Inspections: (707) 257-1063

Facsimile: (707) 257-9522

**Napa Fire Department  
Fire Prevention Division**  
Phone: (707) 257-9590



**STAIRWAYS TYPICAL**

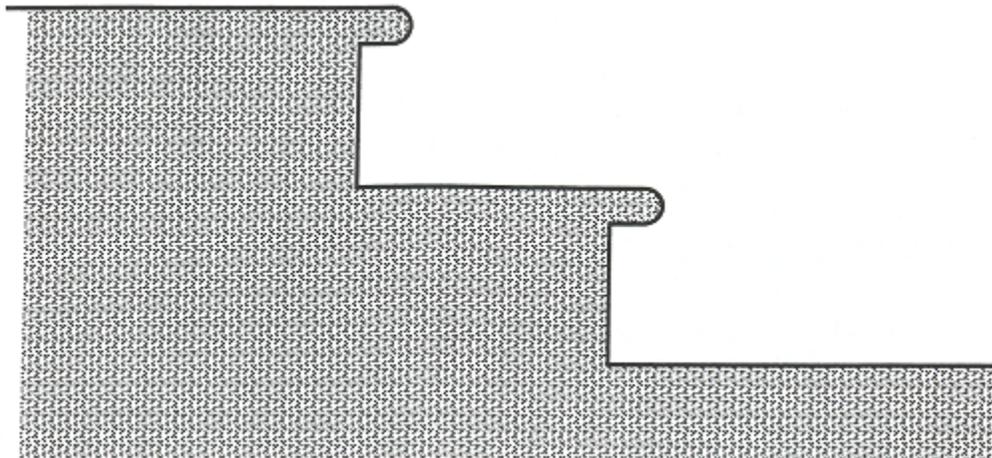
STAIRWAYS OF TWO OR MORE RISERS SERVING ANY BUILDING OR PORTION THEREOF SHALL CONFORM TO SECTION 1003.3.3

STAIRS OR LADDERS USED ONLY TO ATTEND EQUIPMENT OR WINDOWS WELLS ARE EXEMPT FROM THE REQUIREMENTS OF SECTION 1003.3.3

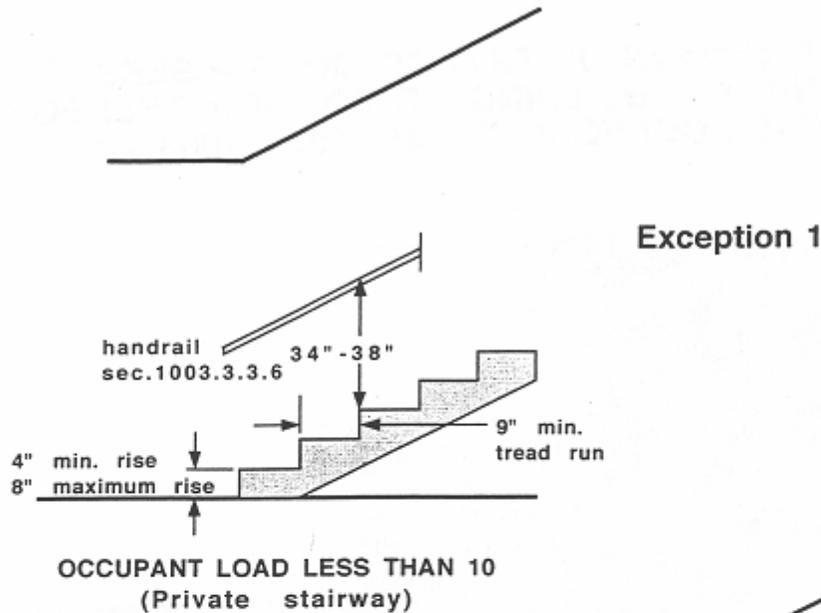
AISLE STEPS IN ASSEMBLY ROOMS ARE REGULATED BY SECTION 1004.3.2

SINGLE RISERS (STEPS) NEED TO COMPLY ONLY WITH THE RISER HEIGHT REQUIREMENT OF 1003.3.3.3: OTHER REQUIREMENTS OF 1003.3.3 ARE NOT APPLICABLE PER SECTION 1003.2.6

"STAIRWAY" SHALL INCLUDE STAIRS, LANDINGS, HANDRAILS AND GUARDRAILS

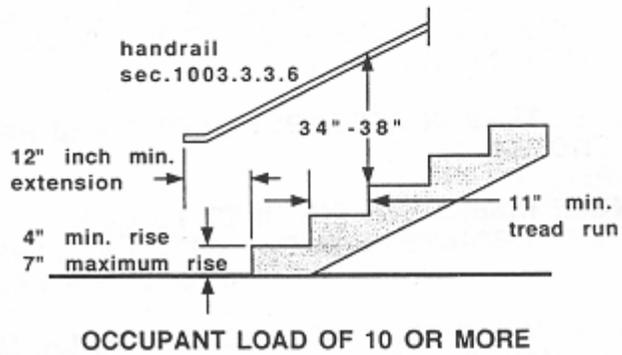


# STAIRWAY RISE AND RUN

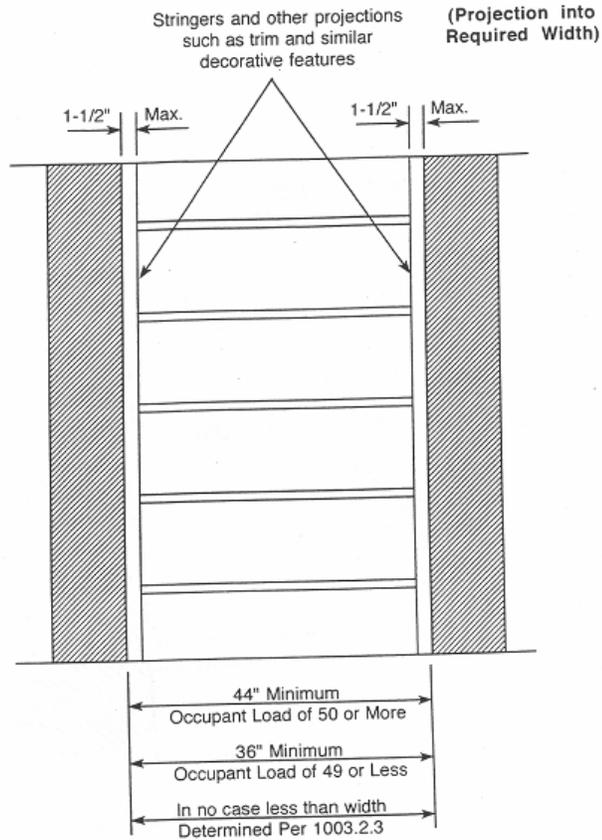


**MAXIMUM CONSTRUCTION VARIATION PERMITTED**

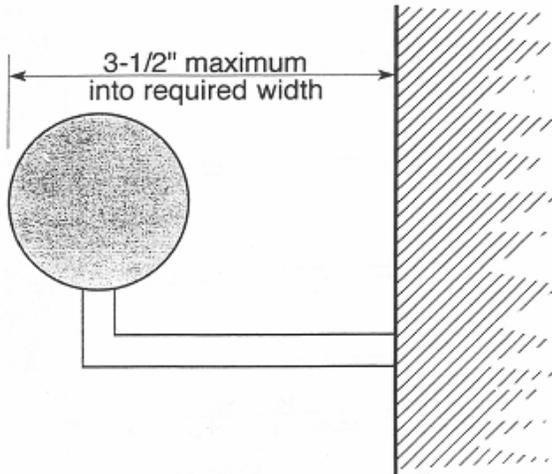
- 3/8" for tread run
- 3/8" for riser height



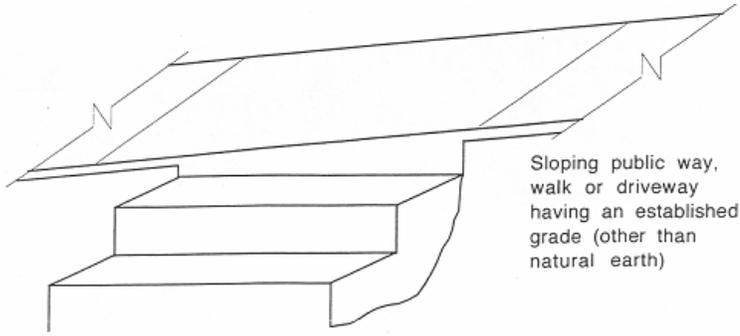
# STAIRWAY WIDTH



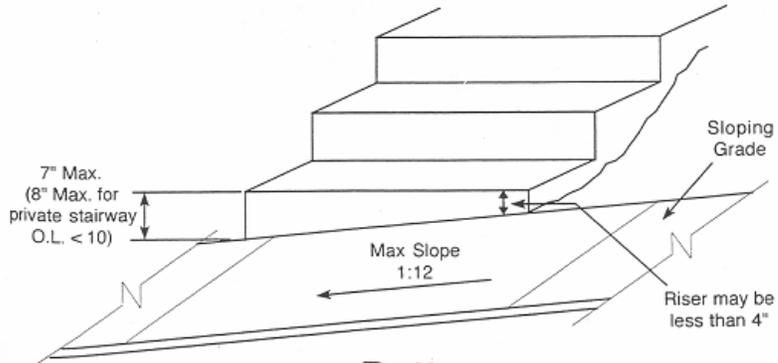
# HANDRAILS PROJECTION INTO REQUIRED WIDTH



# EXTERIOR STAIRWAY RISE AND RUN

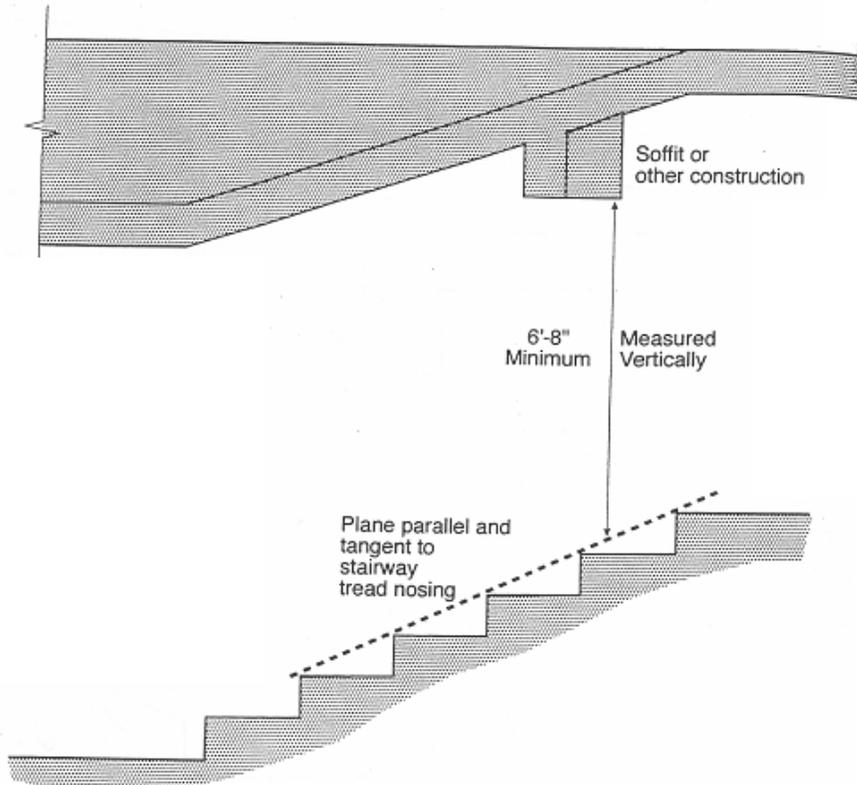


**Top**

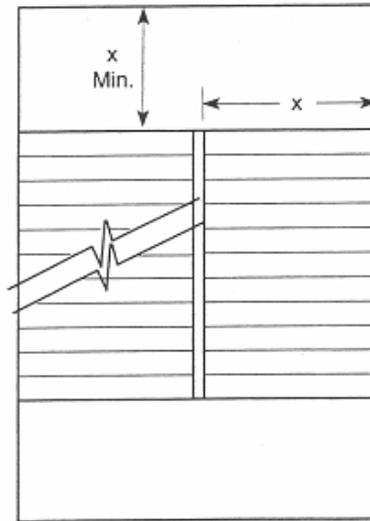


**Bottom**

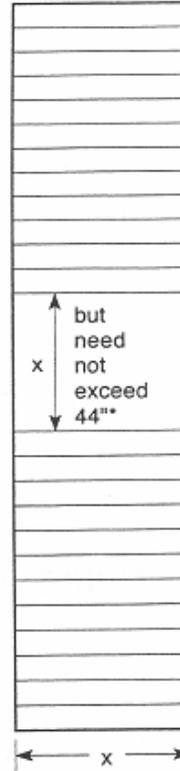
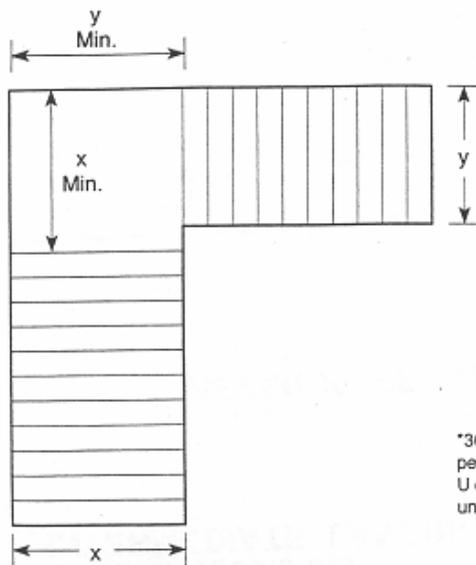
# STAIRWAY HEADROOM CLEARANCE



# STAIRWAY LANDINGS



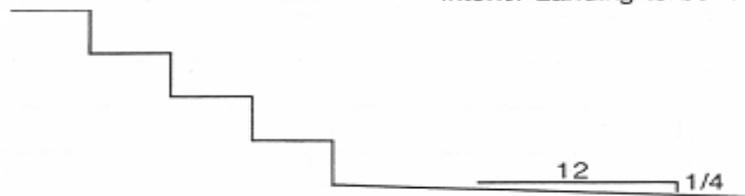
There shall be a floor or landing at the top and bottom of each stairway or stair run.



\*36" length permitted in R-3, U or individual units of R-1



Interior Landing to be level



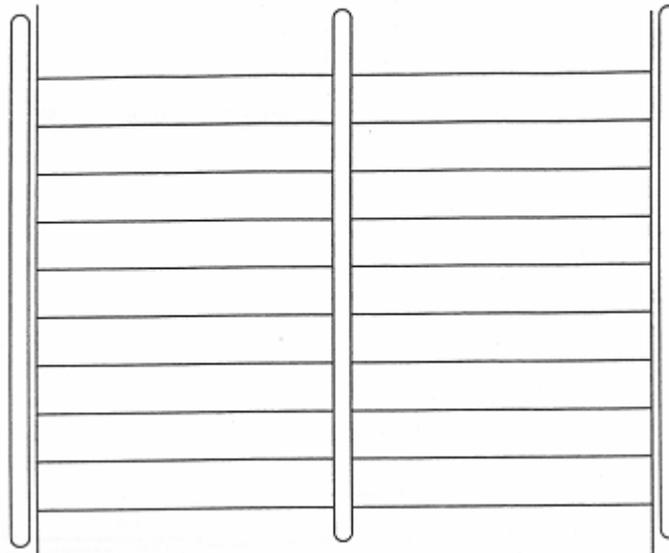
Exterior Landing may slope no more than 2%

# STAIRWAY LANDINGS

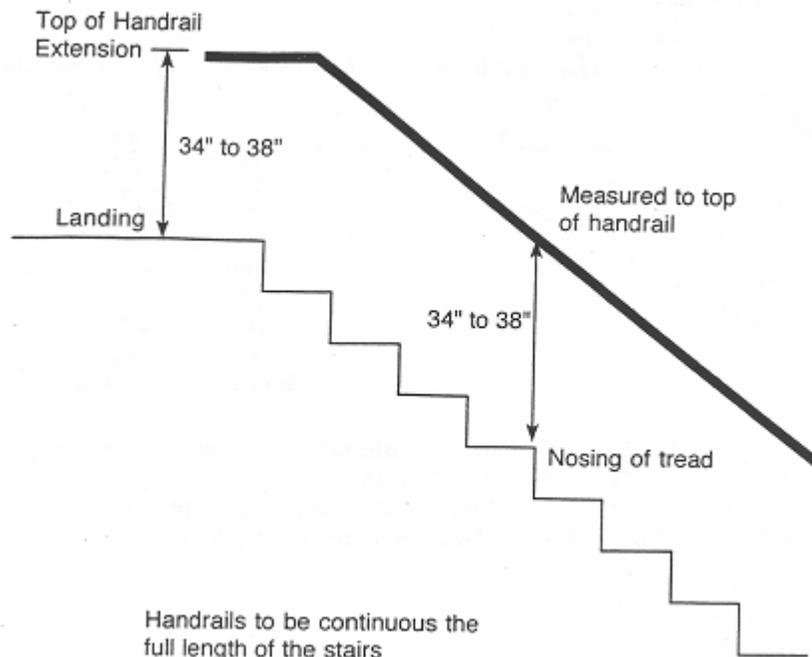
All forms and handouts are available on [www.cityofnapa.org](http://www.cityofnapa.org)

INTERMEDIATE HANDRAILS  
REQUIRED WHEN REQUIRED  
WIDTH OF STAIRWAY  
EXCEEDS 88 INCHES

88 INCHES  
MAXIMUM

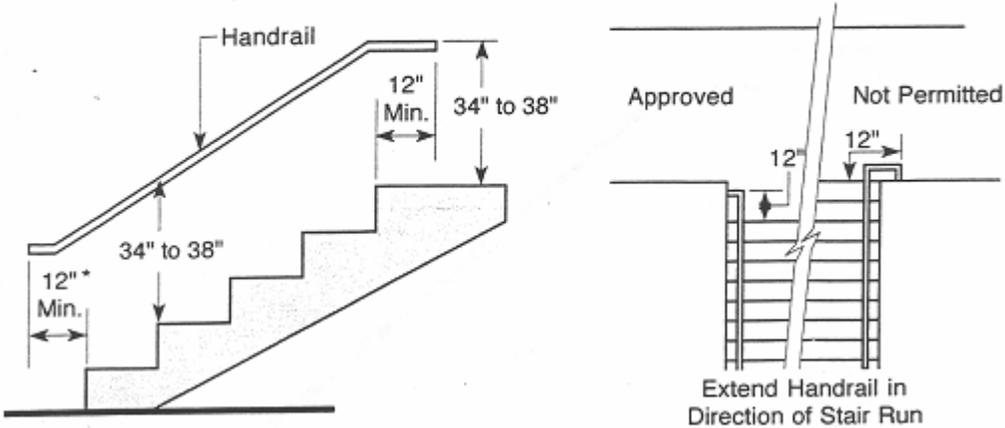


INTERMEDIATE HANDRAILS SHALL BE  
SPACED APPROXIMATELY EQUALLY

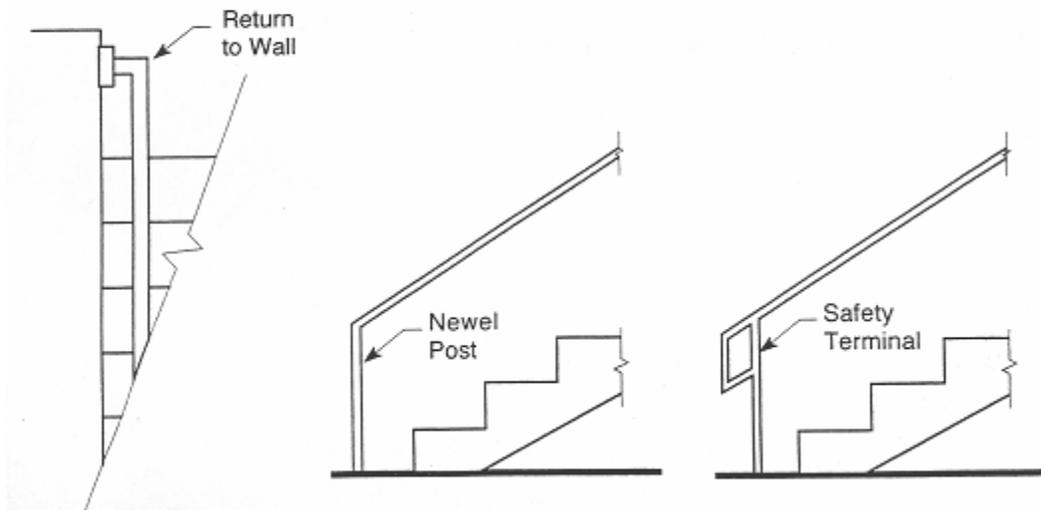


# HANDRAILS EXTENSIONS

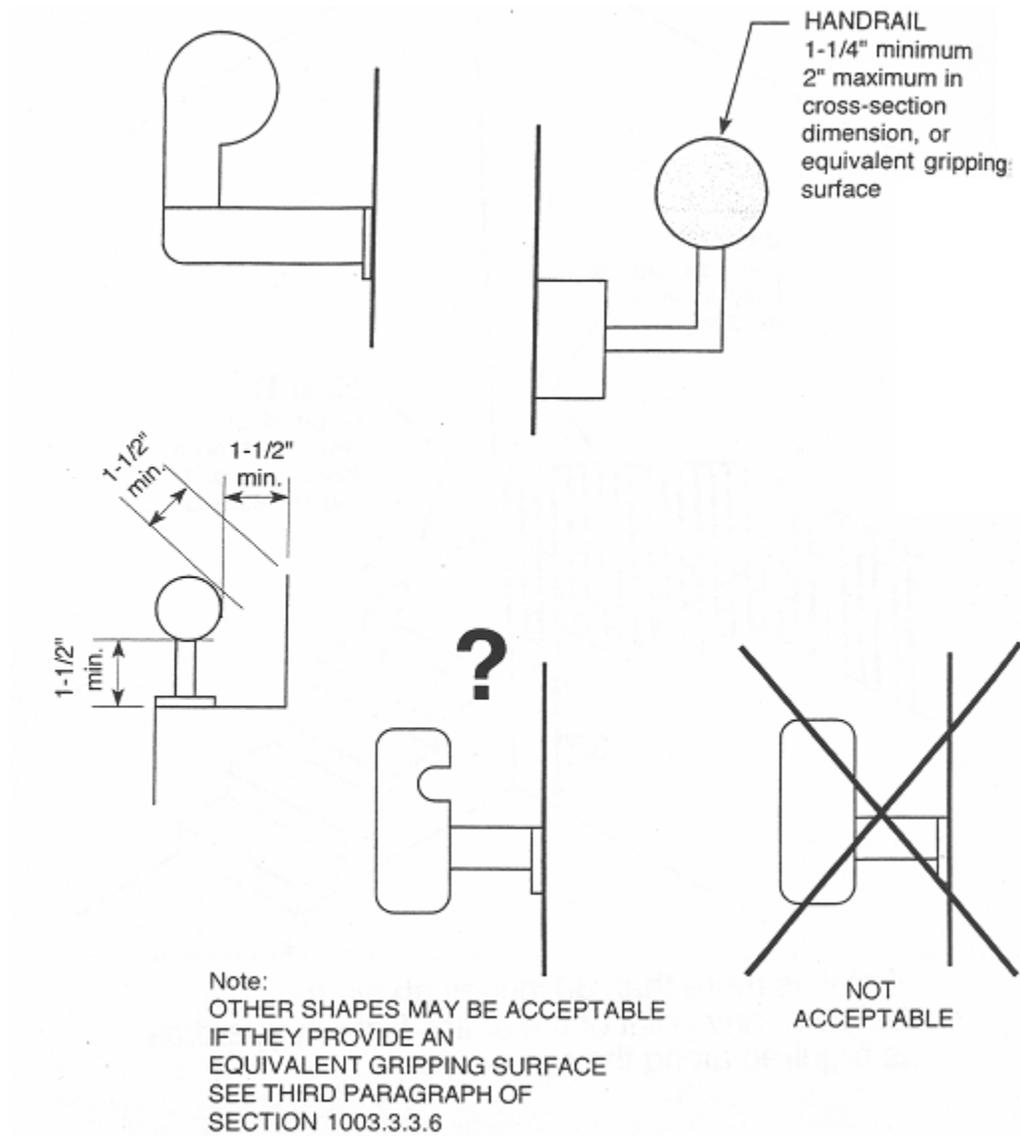
Except for private stairways, at least one handrail shall extend in the direction of the stair run not less than 12 inches beyond the top riser nor less than 12 inches beyond the bottom riser.



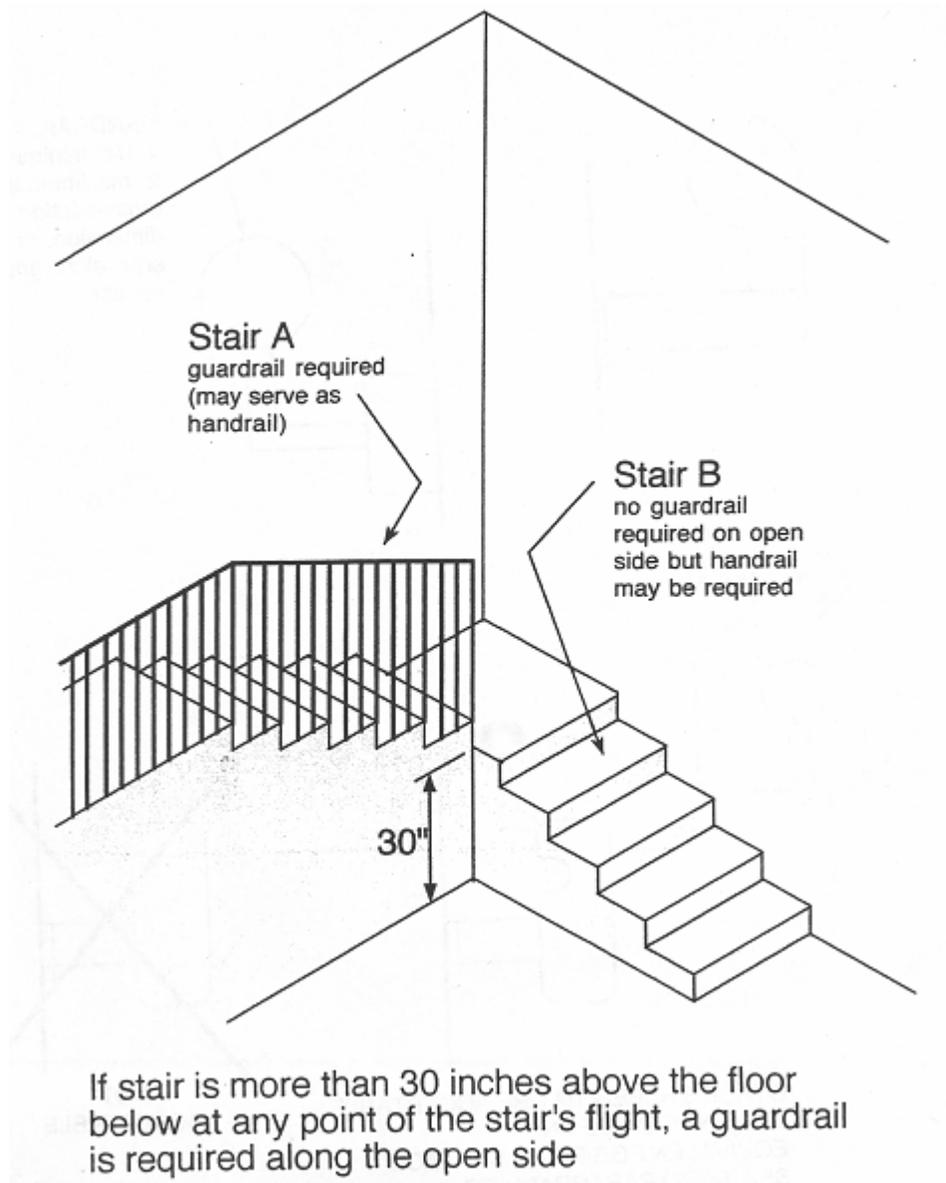
Ends of handrails, including those on private stairways, shall be returned or shall have rounded terminations or bends. In R-3 Occupancies and within individual units of R-1 Occupancies handrails may have starting or volute newels within the first tread.



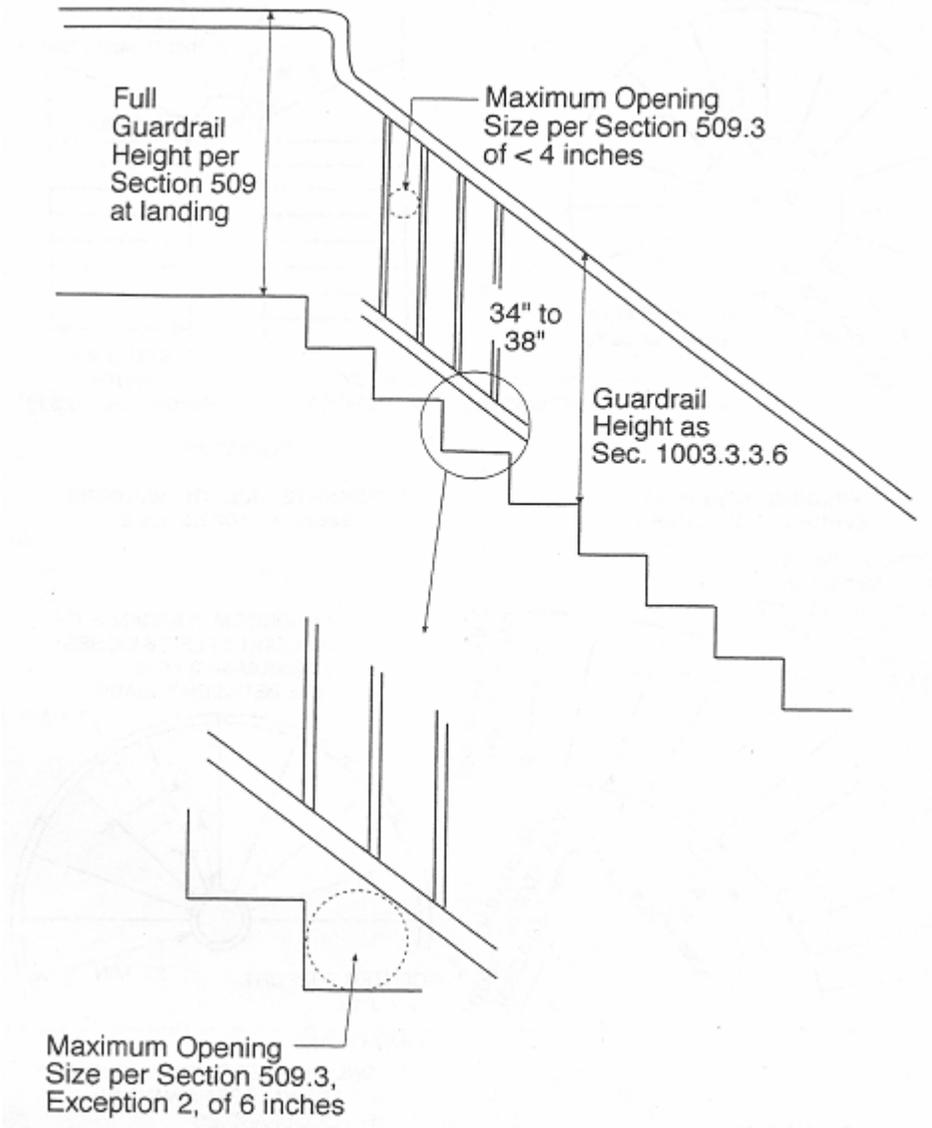
## ACCEPTABLE HANDRAIL DETAILS



## STAIRWAY GUARDRAILS



# GUARDRAILS AT STAIRS

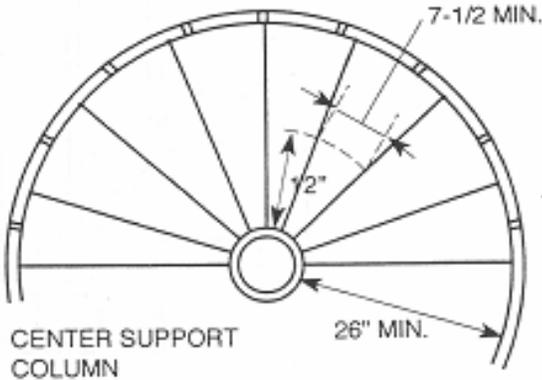


# ALTERNATIVE STAIRWAYS

SPIRAL STAIRWAY

**CIRCULAR STAIRWAY**

HEADROOM CLEARANCE OF AT LEAST 6 FEET, 6 INCHES  
MAXIMUM 9-1/2-INCH RISE BETWEEN TREADS

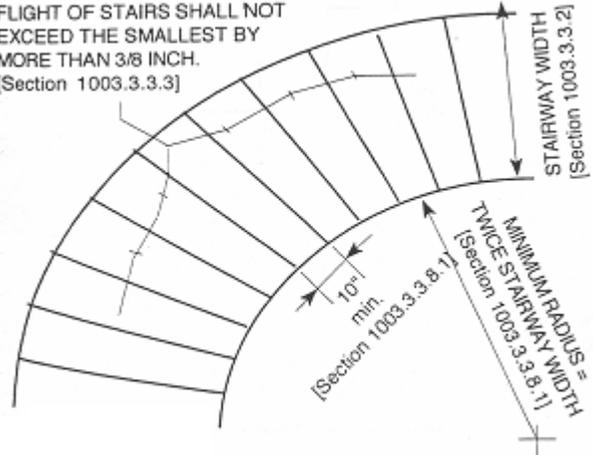


CENTER SUPPORT COLUMN

**LIMITATIONS:**

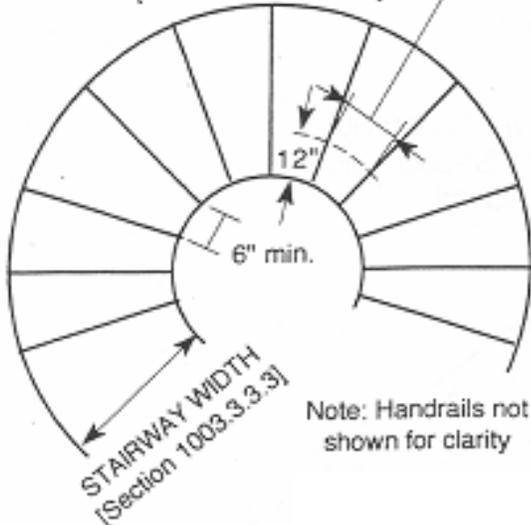
1. ONLY APPLIES TO R-3 OCCUPANCY AND PRIVATE STAIRWAYS IN R-1 OCCUPANCIES
2. LIMITED TO SERVING AS EXIT FOR 400 SQUARE FEET MAXIMUM PLAN VIEW

THE LARGEST TREAD WIDTH OF RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.  
[Section 1003.3.3.3]



LIMITATION: APPLIES TO R-3 OCCUPANCY AND PRIVATE STAIRWAYS IN R-1 OCCUPANCY

REQUIRED WIDTH OF RUN SHALL BE PROVIDED IN THIS LOCATION  
[Section 1003.3.3.3]



WINDING STAIRWAY

**ALTERNATE USE OF WINDERS**

REQUIRED WIDTH OF RUN SHALL BE PROVIDED IN THIS LOCATION  
[Section 1003.3.3.3]

