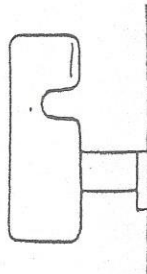
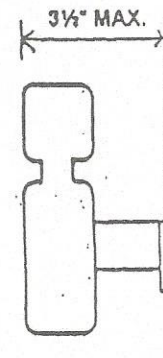
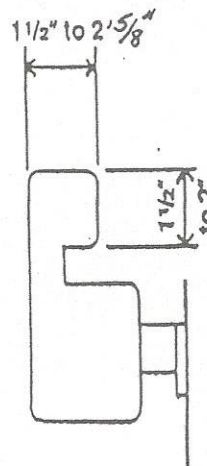
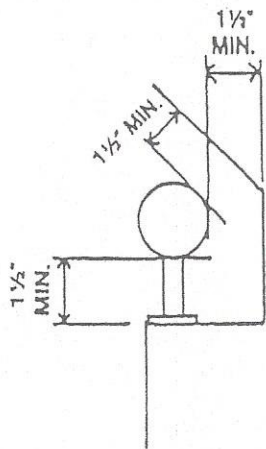
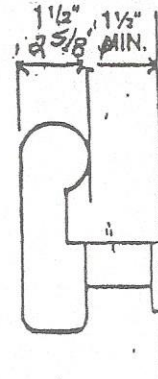
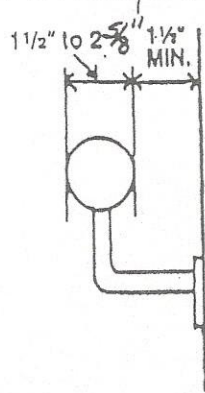
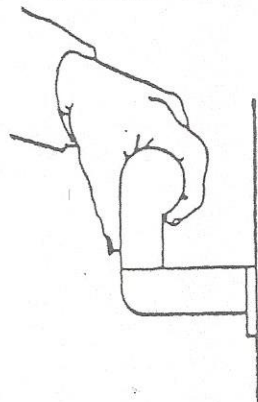
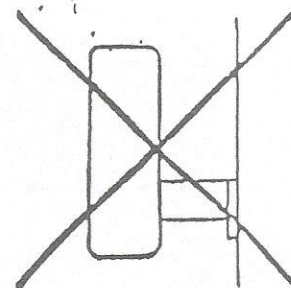


Examples of Handrails  
M.R.C. 2015



NOTE:  
OTHER SHAPES MAY BE ACCEPTABLE  
IF THEY PROVIDE AN  
EQUIVALENT GRASPING SURFACE



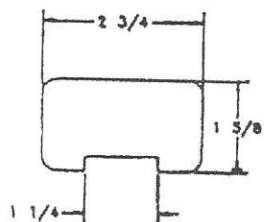
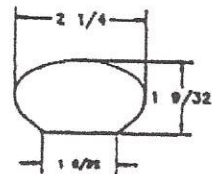
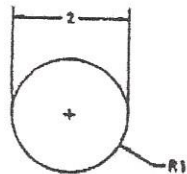
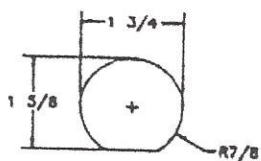
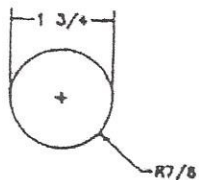
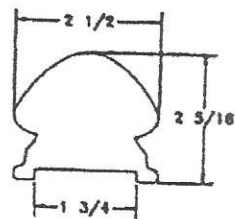
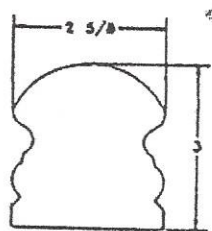
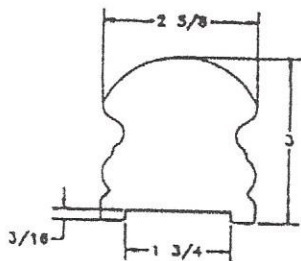
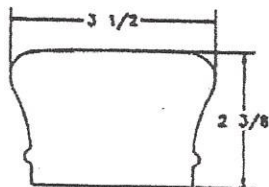
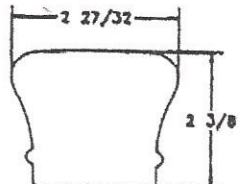
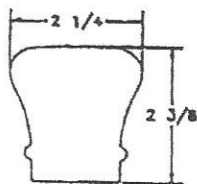
NOT  
ACCEPTABLE

Note: Minimum Height 34" - Maximum Height 38"

See section R311 for complete code language and exceptions

See attachment A for other approved graspability designs

Attachment A

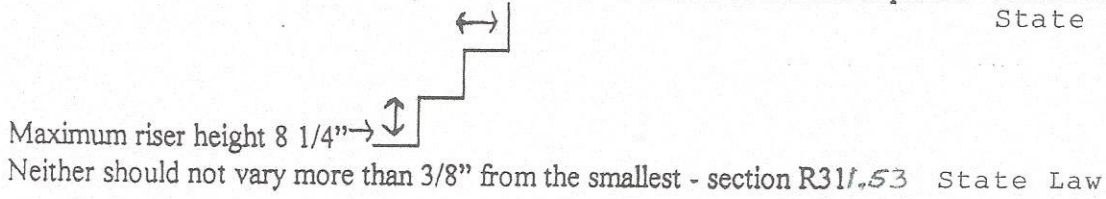


# Graphics

## Stairs (residential) Treads and Risers

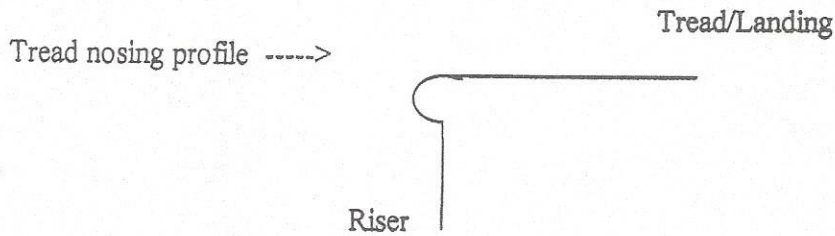
### MRC 2015

9" Minimum tread measured from nose profile - section R311.53  
State Law



Maximum slope of treads and landings is 1:48 = 1/4" : 12"

Note:



Section R311.53 Maximum curvature 9/16"  
Minimum profile 3/4"  
Maximum profile 1 1/4"

Not to vary more than 3/8" - including the nosing on the landing.

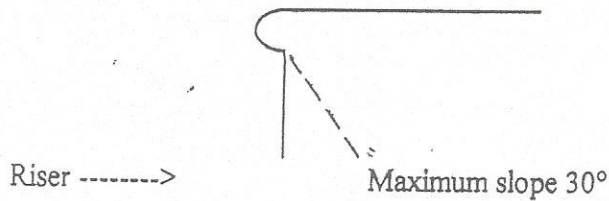
Maximum beveling of the nose is 1/2"

\* no nosing required when tread depth is 11" or greater

Note:

Riser maximum slope from vertical 30°  
Tread

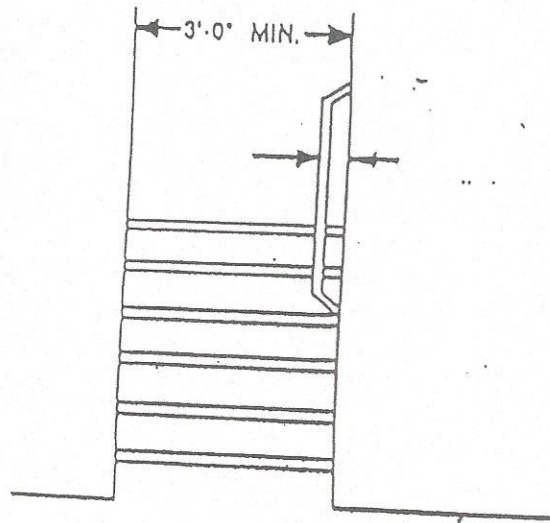
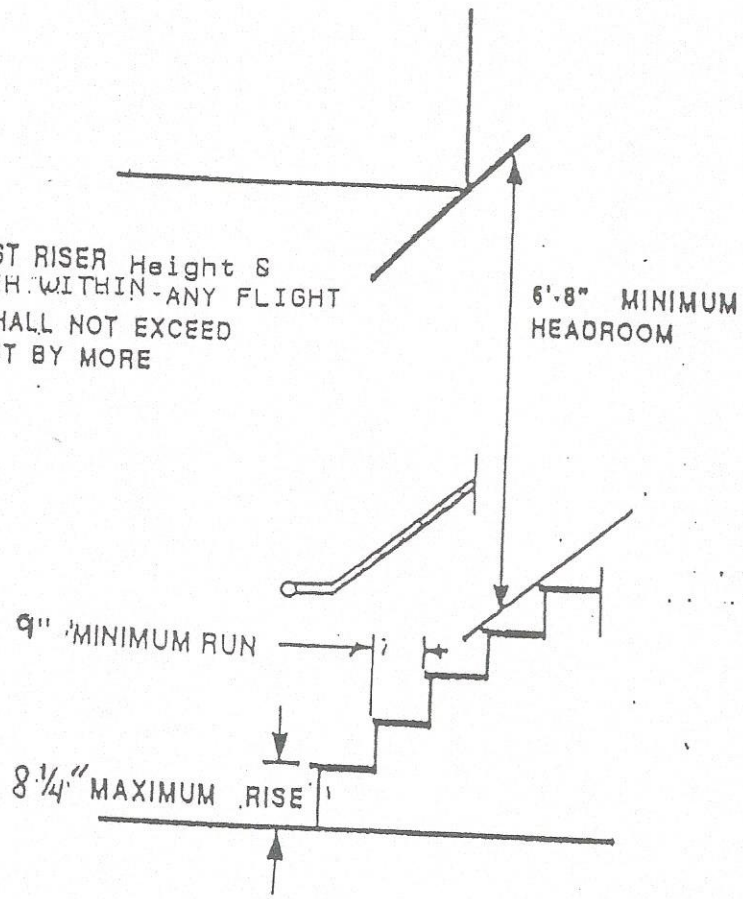
Profile ----->



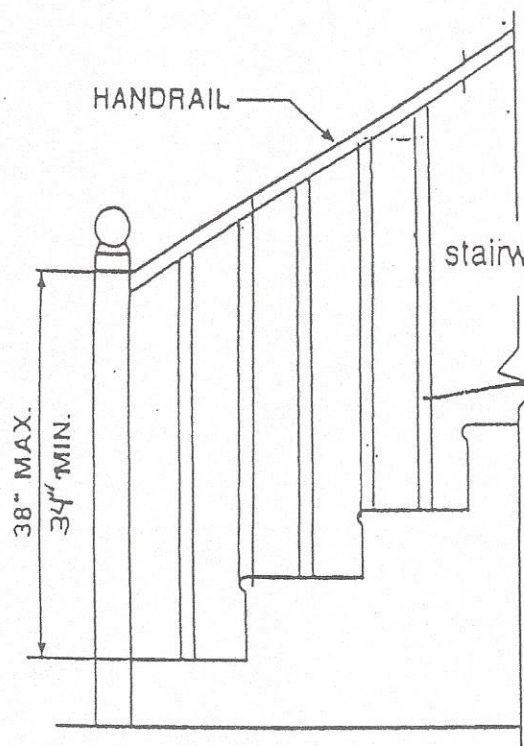
Open risers are permitted, if over 30" from floor or grade below - maximum of 4" opening

3'-0" MINIMUM STAIRWAY WIDTH

NOTE:  
THE GREATEST RISER Height &  
TREAD DEPTH WITHIN ANY FLIGHT  
OF STAIRS SHALL NOT EXCEED  
THE SMALLEST BY MORE  
THAN 3/8"



STAIRWAYS  
SECTION R 311

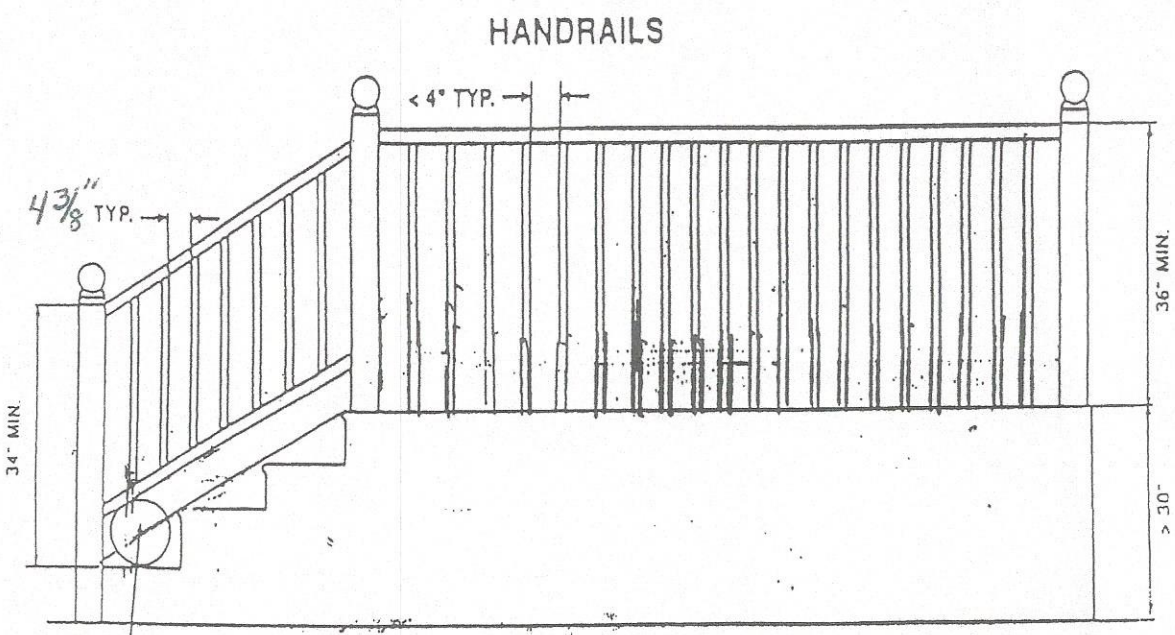


See handrail graphics for approved graspability designs.

SECTION A—A

stairways having four or more risers

—NOTE—  
VERTICAL MEASUREMENT  
MADE AT THE LEADING  
EDGE OF THE TREAD



4" SPHERE  
UNABLE  
TO PASS  
THROUGH  
OPENING

# HANDRAILS AND GUARDRAILS

## SECTION: R311 & R312

See section R311 & R312 for code language and exceptions