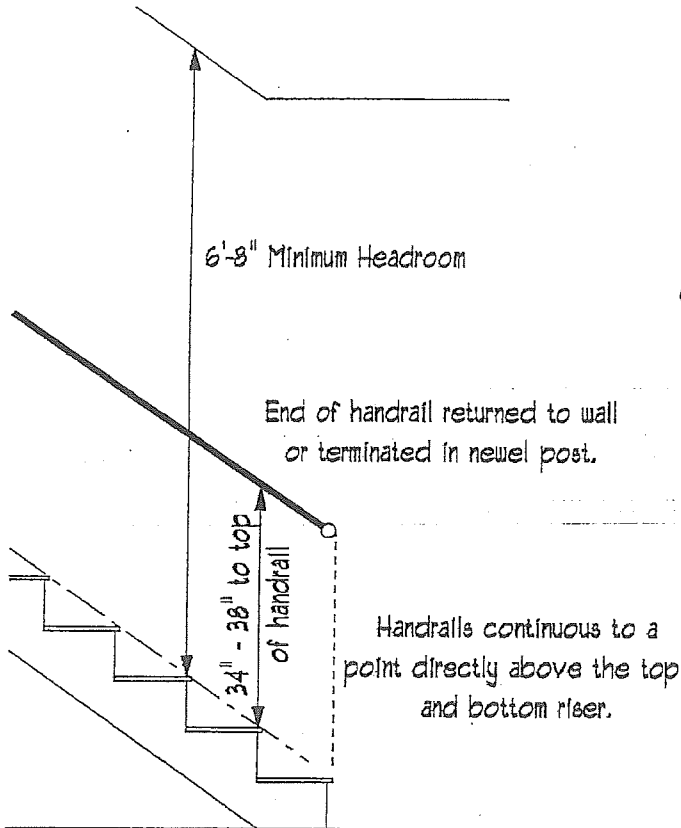


STAIRS & HANDRAILS

ONE AND TWO FAMILY DWELLINGS

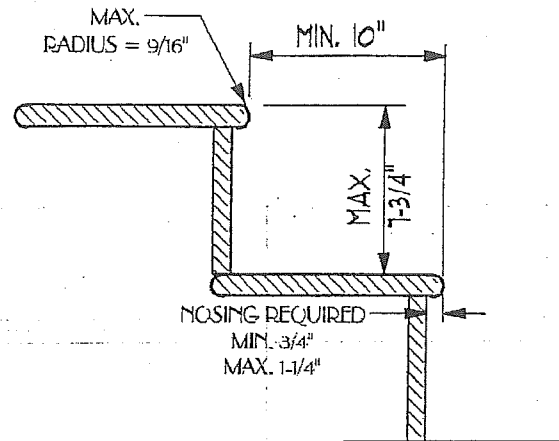
2000 International Residential Code, Sec. 314 & 315



TREAD DETAIL

ONE AND TWO FAMILY DWELLINGS

2000 International Residential Code, Sec. 314



TREADS & RISERS: Maximum riser is 7-3/4" and the minimum tread depth is 10". No more than 3/8" differential between the smallest and greatest riser height.

PROFILE: NOSING REQUIRED: A nosing not less than 3/4" and not more than 1-1/4" shall be provided on stairs with solid risers. The greatest nosing projection shall not exceed the smallest by more than 3/8". Open risers are permitted if the opening between treads does not permit the passage of a 4" diameter sphere. A nosing is not required where the tread depth is a minimum of 11".

HANDRAILS: Shall be continuous the full length of the stairs from a point directly above the top riser of a flight to a point directly above the lowest riser of the flight. A handrail is required on at least one side of stairs with two or more risers.

HANDRAILS & STAIRS

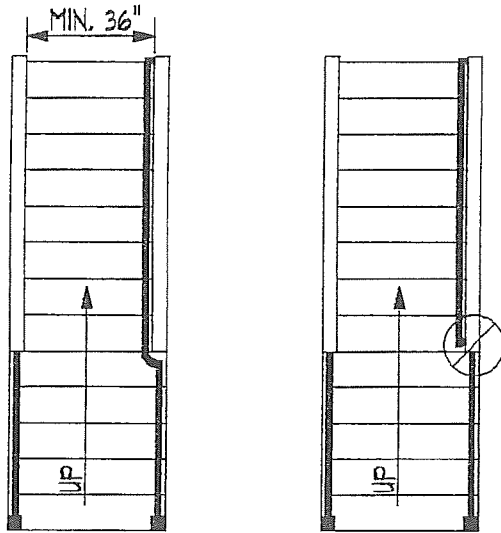
ONE AND TWO FAMILY DWELLINGS

2000 International Residential Code, Sec. 312, 314 & 315

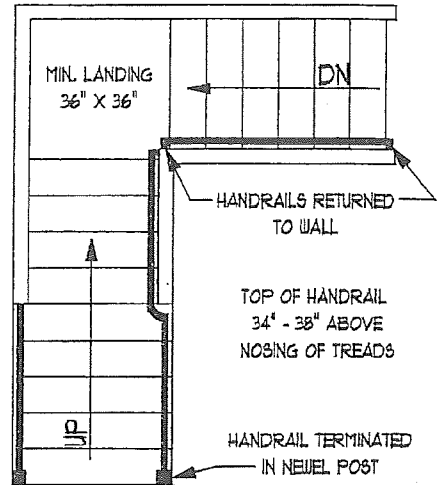
CONTINUOUS HANDRAIL REQUIRED FULL FLIGHT OF STAIRS

APPROVED

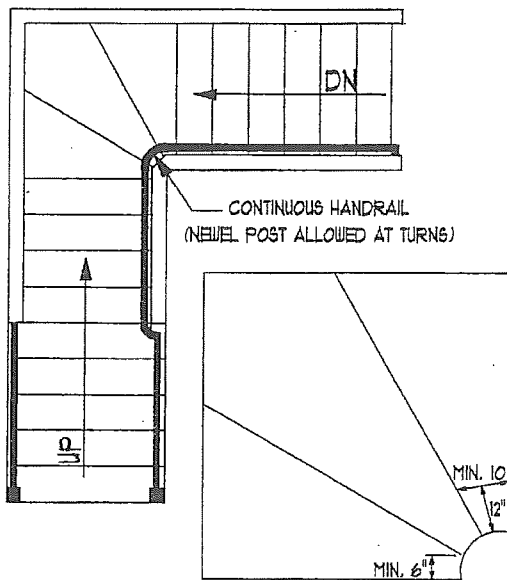
NOT APPROVED



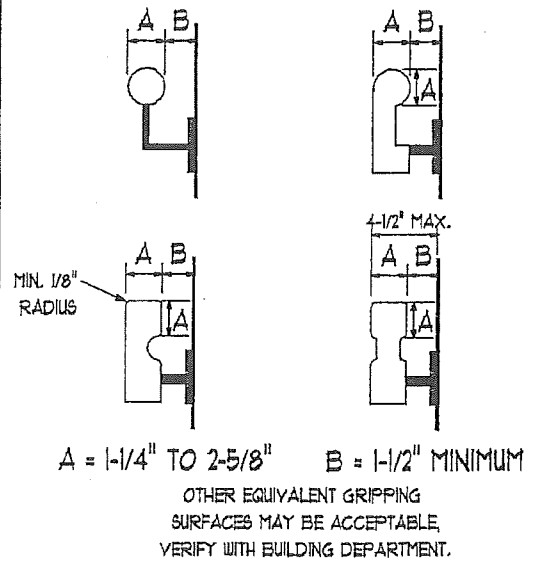
HANDRAILS ALLOWED TO BE INTERRUPTED AT LANDING



WINDERS



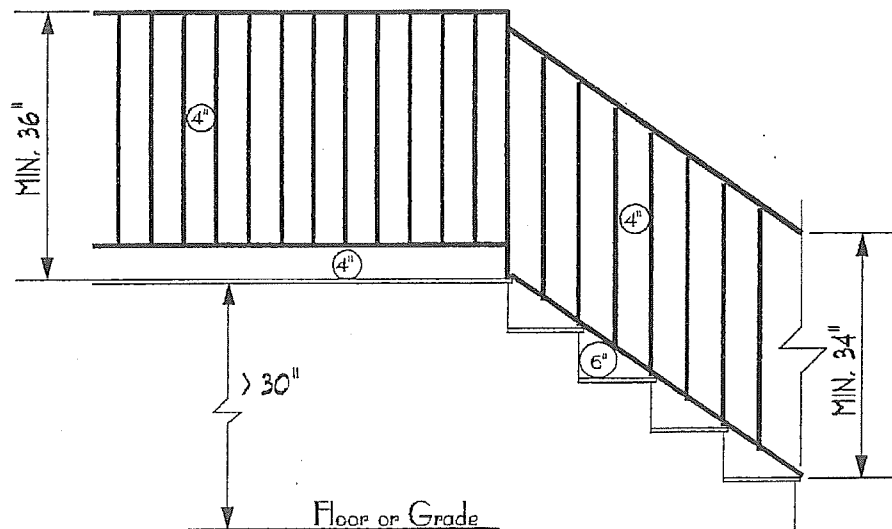
HANDRAIL SHAPES



GUARDS

ONE AND TWO FAMILY DWELLINGS

2000 International Residential Code, Sec. 316



Decks, porches, or raised floor surfaces located more than 30 inches above the floor or grade below shall have guards not less than 36 inches in height.

Open sides of stairs with a total rise of more than 30 inches above the floor or grade shall have guards not less than 34 inches in height measured vertically from the nosing of the treads.

Required guards shall have intermediate rails or ornamental closures that do not allow passage of a sphere 4 inches in diameter.

The triangular openings formed by the riser, tread and bottom rail of a guard at the open side of a stairway are permitted to be of such a size that a sphere 6 inches in diameter cannot pass through.