TYPE 1 HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1-1/4" AND NOT GREATER THAN 2". IF THE HANDRAIL IS NOT CIRCULAR, IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4" AND NOT GREATER THAN 6-1/4" WITH A MAXIMUM CROSS SECTION DIAMETER OF 2-1/4".

RAILING MOUNT BRACKETS (SPACE ACCORDINGLY)

PROVIDE RAILING RETURN 1-1/2" CLEARANCE BETWEEN HANDRAIL AND OPPOSING SURFACE

RISERS AND TREADS

THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8"

THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".

POST TO JOIST CONNECTION

GUARD POST

A 4" SPHERE CANNOT PASS THROUGH (2) 1-1/2" DIA. THRU-BOLTS AND WASHERS (NO CARRIAGE BOLTS)

POST DETAIL

HANDRAIL DETAILS

OTHER SHAPES MAY BE ACCEPTABLE IF THEY PROVIDE EQUIVALENT GRIPPING SERVICE. CONTACT BUILDING AND INSPECTION.

HANDRAIL SAMPLES

FINGER RECESS AREA BOTH SIDES

HANDRAILS ARE TO BE FASTENED PER THE MANUFACTURER'S RECOMMENDATION

RESIDENTIAL STAIRS (INTERIOR and EXTERIOR)