



STRINGER DESIGN		
RUN LENGTH	MATERIAL	NUMBER OF SUPPORTS
0 FT - 12 FT	(2) 2x8	SUPPORT TOP AND BOTTOM
12 FT - 16 FT	(2) 2x10	SUPPORT TOP AND BOTTOM
16 FT - 19 FT	(2) 2x12	SUPPORT TOP AND BOTTOM
OVER 19 FT	na	ADD INTERMEDIATE POST TO REDUCE RUN LENGTH

- RAMP NOTES:**
1. RAMP MAY BE STRAIGHT RUNS OR "L" OR "U" SHAPED.
 2. RAMP SHALL HAVE A MAXIMUM SLOPE OF 1:12 (THAT MEANS FOR EVERY INCH IN HEIGHT THE RAMP HAS TO CLIMB, IT SHALL BE ONE FOOT LONG), WHERE IT IS TECHNICALLY INFEASIBLE BECAUSE OF SITE CONSTRAINTS THE MAXIMUM SLOPE MAY BE 1:8.
 3. IF RAMP EXCEEDS 30 FEET LONG, A MINIMUM 3' LONG INTERMEDIATE FLAT LANDING IS REQD.
 4. HANDRAILS ARE REQUIRED ON AT LEAST ONE SIDE OF RAMP, AND MAY BE ATTACHED TO THE HOUSE. REFER TO STAIRWAY SHEET FOR HANDRAIL DETAILS.
 5. GUARDRAILS ARE REQUIRED WHERE THE HEIGHT OF THE RAMP ABOVE GRADE EXCEEDS 30"

RAMP DETAILS