

WAGNER SYSTEM

GLASS RAILING

CABLE RAILING

SPIRAL STAIRS BALCONIES

ALUMINUM RAILINGS

BRASS / SS FITTINGS

HANDRAIL AND GUARDRAIL

Handrails are in place to provide guidance while the purpose of a guardrail is to prevent accidental falls.

Guards are generally required for ramps, stairs or landings above 30". The height will vary depending on the code. Commercial codes commonly require a guard to be 42" in height while residential codes only require a guard to be 36" in height – always confirm these dimensions with your local authorities.

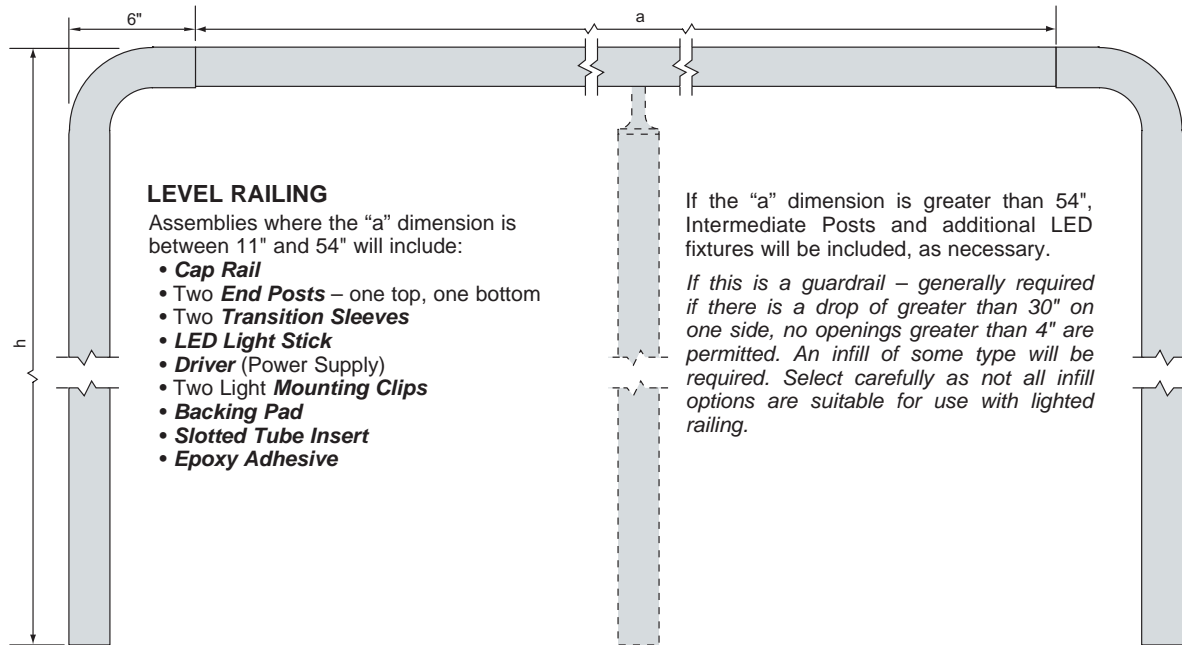
Handrails are located between 34" and 38" and have dimensional limitations for graspability. As such, if a 42" guardrail is called for on a stair or ramp, it will also require a secondary handrail at the appropriate height. A guard **Cap Rail** that is not used as a handrail would not have a graspability size limitation.

Guards also have opening limitations to consider. The most common requirement is that no opening be large enough to allow a 4" sphere to pass. Infills such as **3form Ecoresin® Panels**, **Archimesh**, glass or cable may be used and will present different challenges when used with **Lumenrail®**

An option is to install **Lumenrail®** into the handrail portion of a guard and use the light to *wash* the infill. Go to www.lumenrail.com for the latest developments.

The details shown here are variations to consider when specifying a guard or stair railing.

Refer to pages 276 and 277 for **Installation Instructions**.



Chad • Bending



Mike • Manufacturing Services



Paul • Maintenance