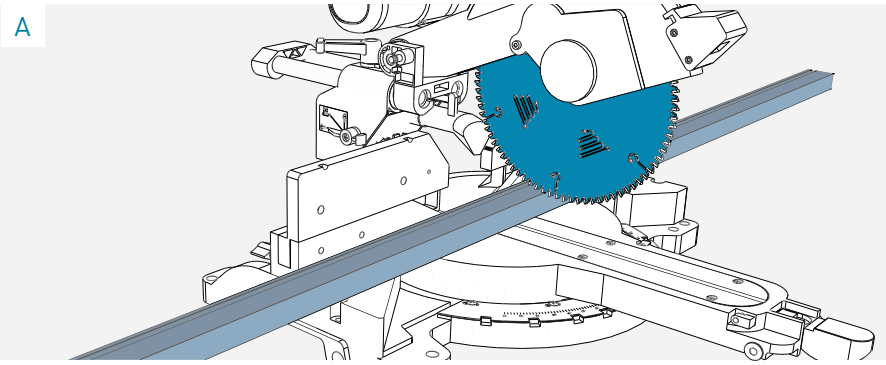
Installing Rails on Sub-Frame

01 Cutting Extrusions

Cut extrusions in the field with TCG non-chip, grind-proof saw blade with carbide teeth count 72-100 (10in diameter) or other recommended non-ferrous metal cutting methods (FIG. A).

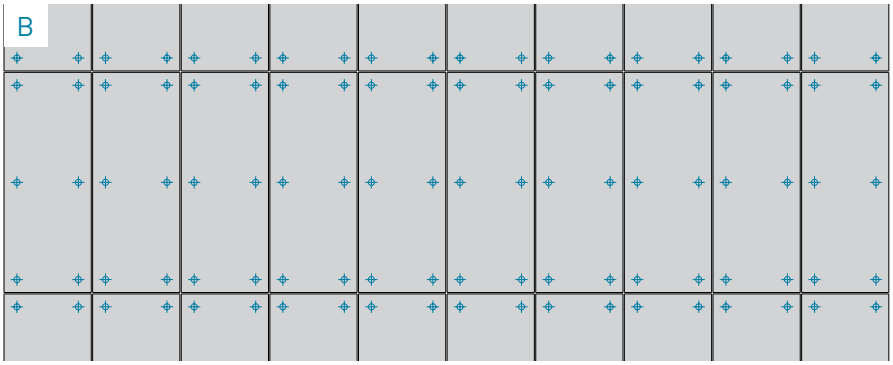
A



02 Review Shop Drawings

Set elevations of rail datum/work points and locate rail positions per the approved shop drawings (FIG. B).

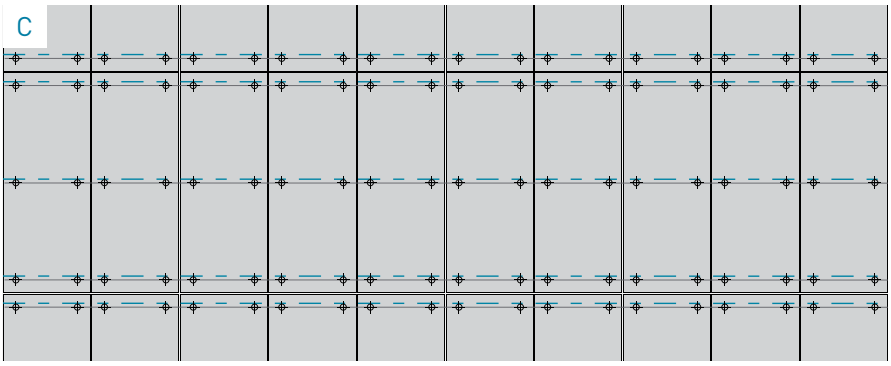
B



03 Clip Offset

Note the offset of panel clip anchor location relative to the rail and layout rails accordingly (5/16") (FIG. C).

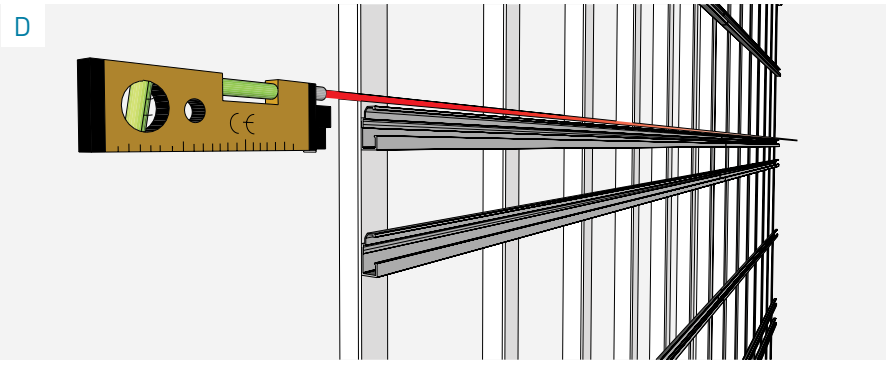
C



04 Rail Installation

Install rails level, plumb, and true to the finished plane of the facade (FIG. D).

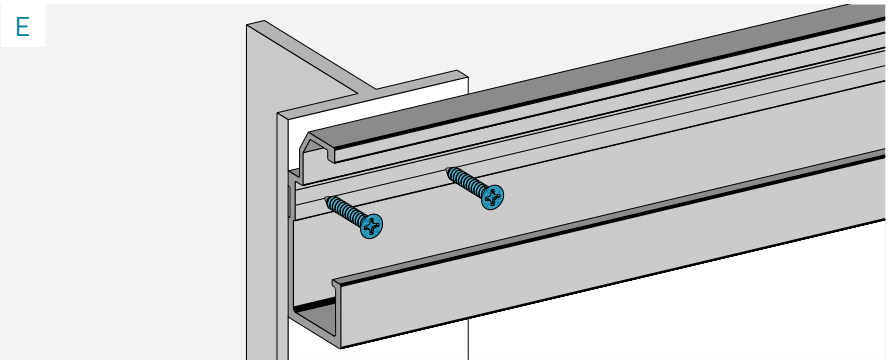
D



4.1 Rail Installation

Fasten the rail to the sub-girts or back-up wall with self-drilling stainless steel screws (spacing, size, and thread of screws per the stamped engineer's calculations) (FIG. E).

E



4.2 Rail Installation

Allow space between joining rails' sections for expansion of aluminum (Example: ±1/4in per 10ft, therefore minimum 1/2in gap between two 10ft rails) (FIG. F).

NOTE: Do NOT bridge rails with fixed connections to back-up wall across building expansion joint or seismic joints. Consult engineer and TAKTL for rail placement and panel layout details.

F