





GLOBAL VERSION

INSTALLATION MANUAL

TECHNICAL SPECIFICATION

SYSTEM TYPE: RAMMED INTO THE GROUND

MODULS LAYOUT: PORTRAIT PER ROW: 2

ANGLE OF THE STRUCTURE: 30° (27° FOR K502 XL NORTH)



HELTH AND SAFETY INSTRUCTION

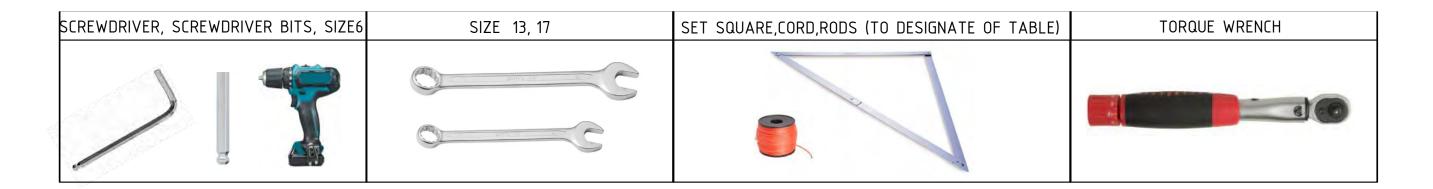
Before starting PV system installation works, the installer should be equipped with individual protective measures such as:

- Personal fall protection equipment consisting of a full-body harness with an attached internal shock lanyard;
- A ladder, scaffolding, or lift;
- put on work clothes, footwear, and protective gloves;
- remove all unnecessary items from a workplace;
- prepare equipment and check its efficiency (ladders, power tools needed during the work, etc.);
- make sure, the commencement of work does not any threats to people present near the workplace or its immediate vicinity;
- allowed to start performing the tasks if there are no signs of danger in a workplace
- make sure there are no collisions in the place of installation (cables in the ground) before structure installation

Additional notes

In the event of being in immediate danger because of non-compliance with health & safety regulations and rules by people staying near a workplace or in its immediate vicinity, the person who installs PV systems has the right to suspend performing work.

TOOLS NEEDED FOR INSTALLATION



TOOLS ENABLING CORRECT INSTALLATION OF CONSTRUCTION RAMMED INTO THE GROUND

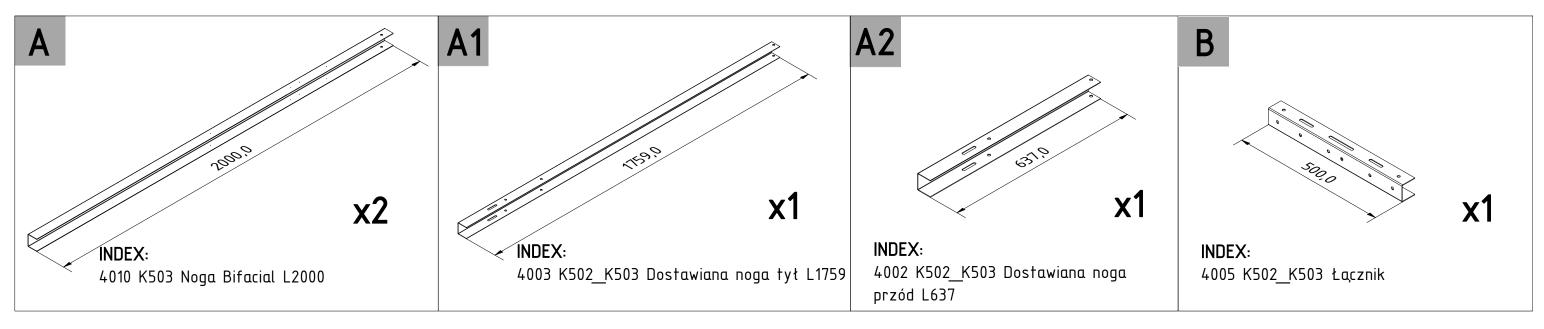
We suggest purchasing a special die on quick couple SDS HEX to the demolition hammer toward correct installation of support structure

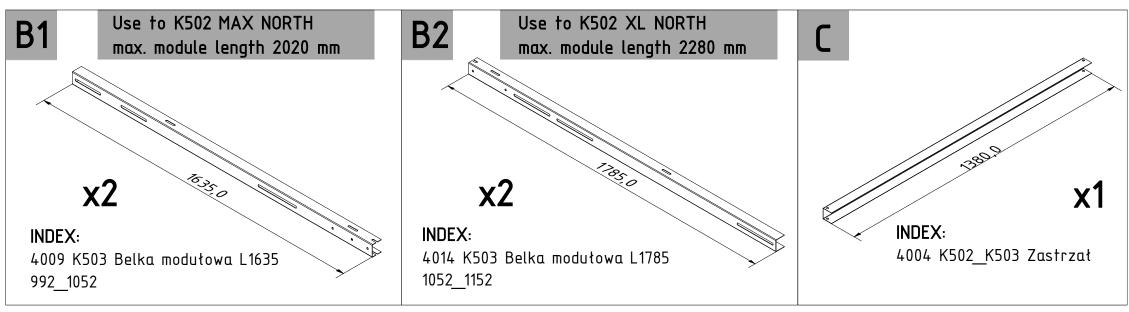
DEMOLITION HAMMER DIE K500

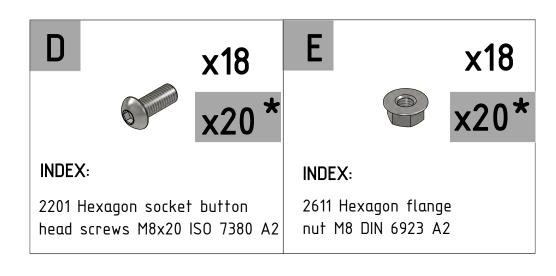




LIST OF PARTS PER SUPPORTING COLUMN OF SUPPORTING STRUCTURE



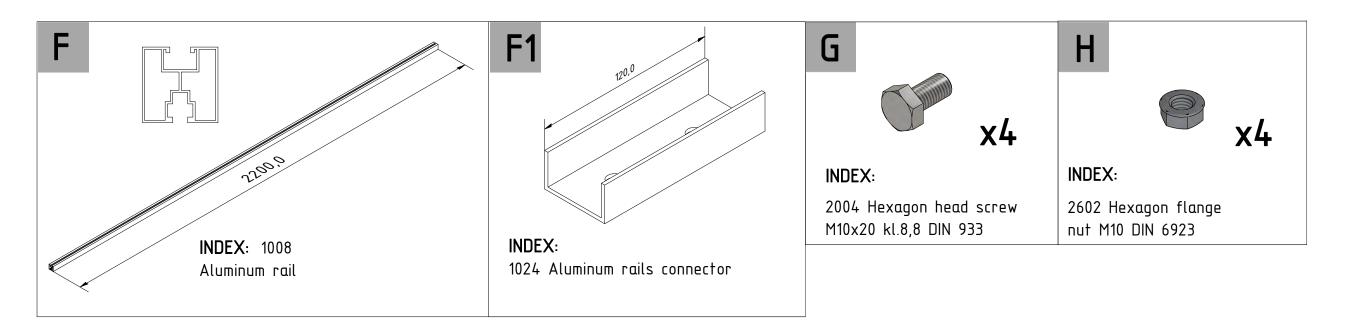


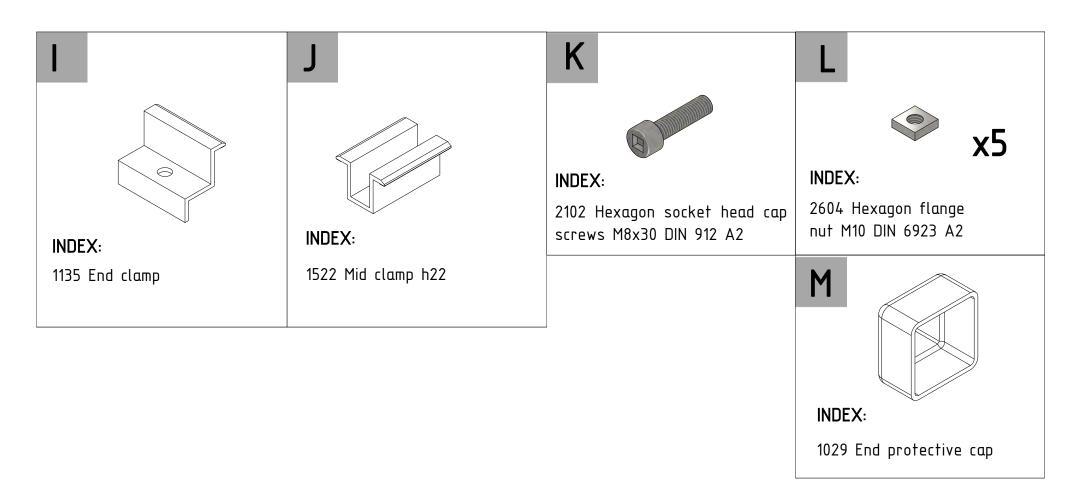


NOTE

* only for K502 XL SYSTEM TYPE

LIST OF PARTS PER SUPPORTING COLUMN OF SUPPORTING STRUCTURE





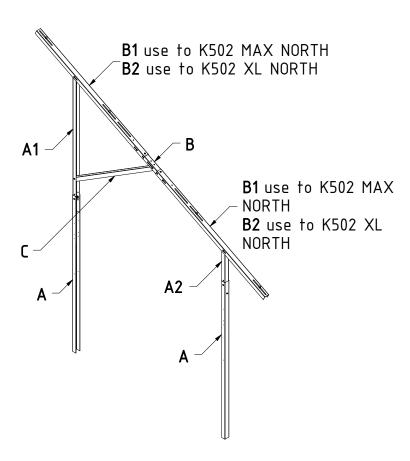
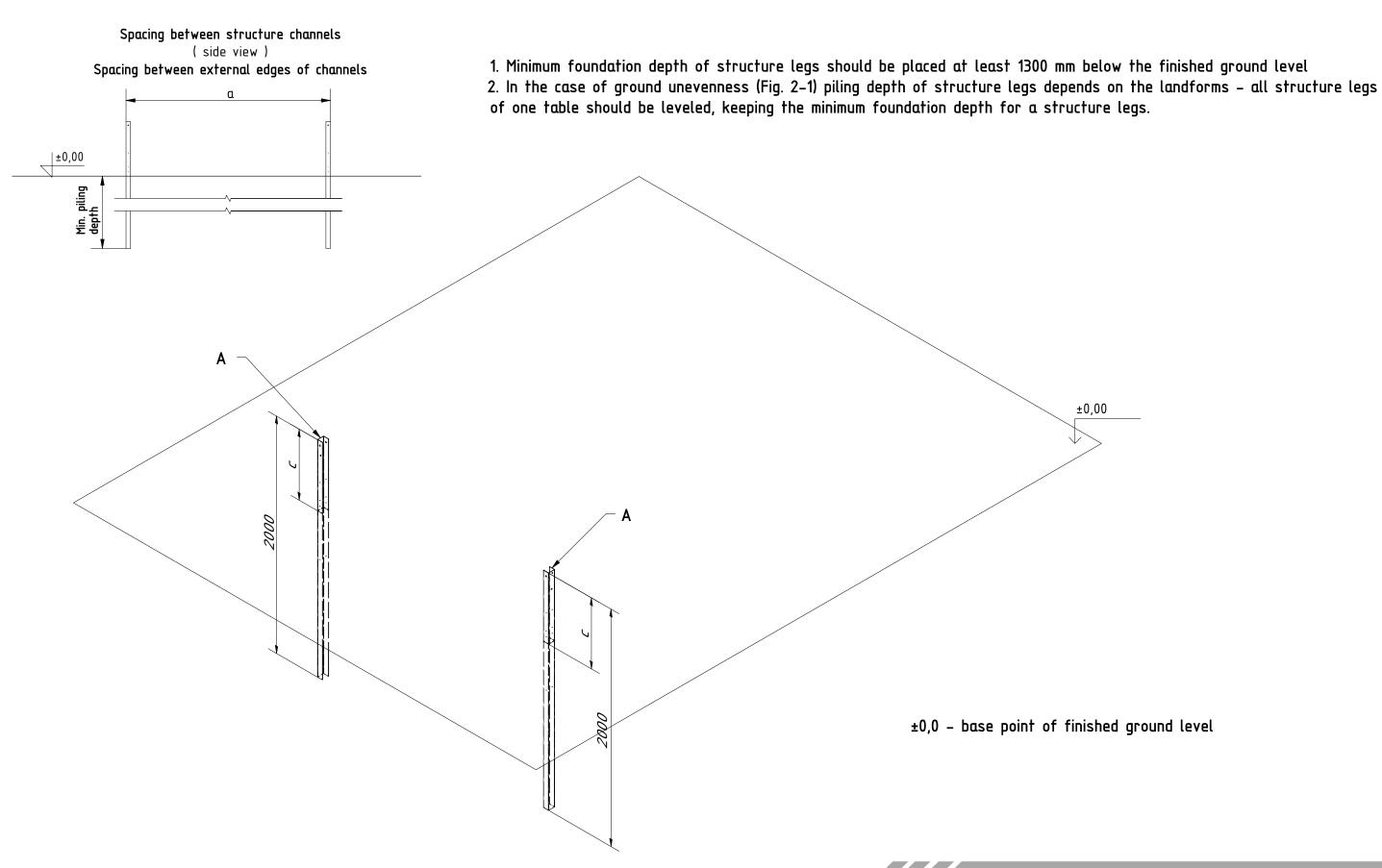
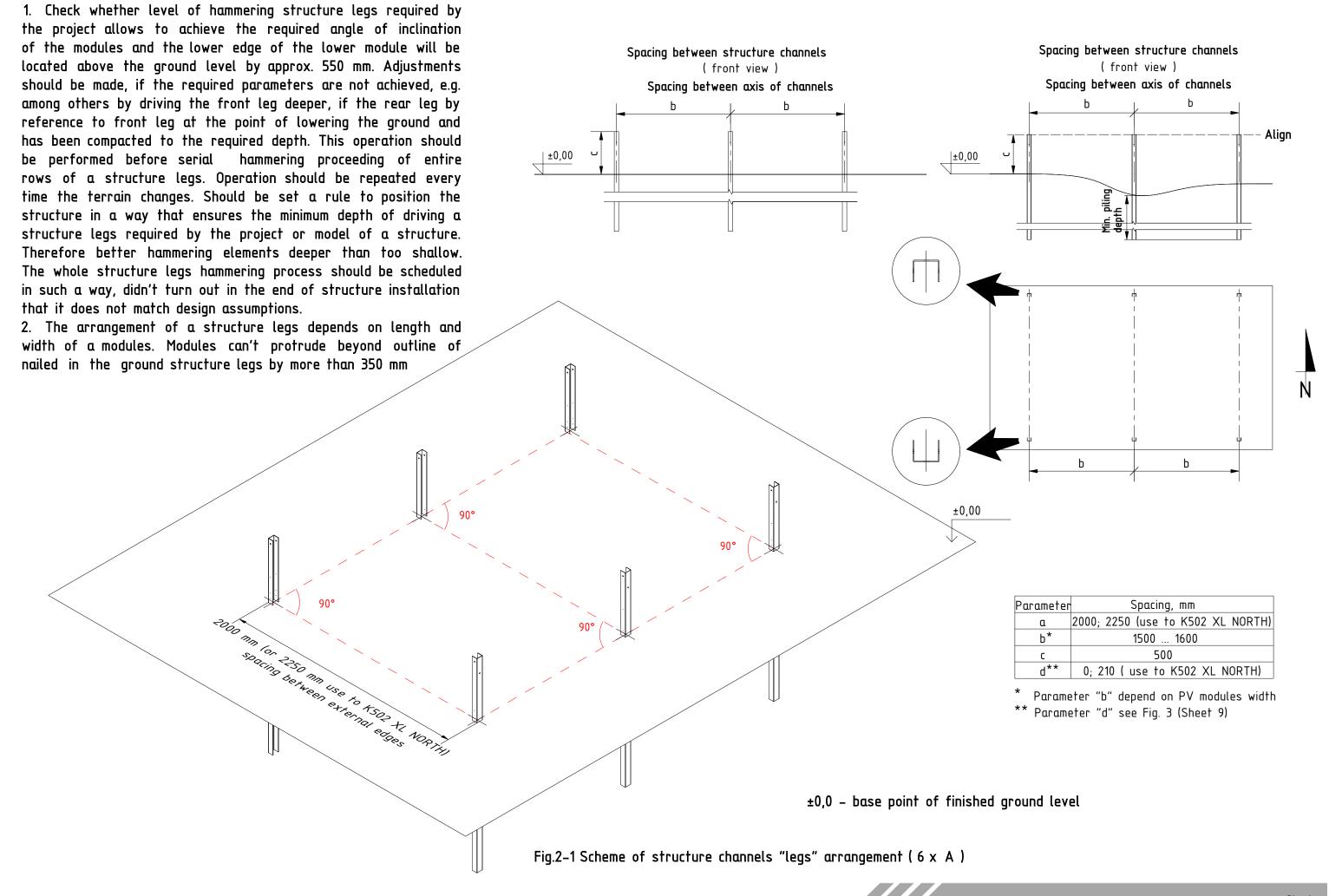


Fig.1 Supporting column - Assembly





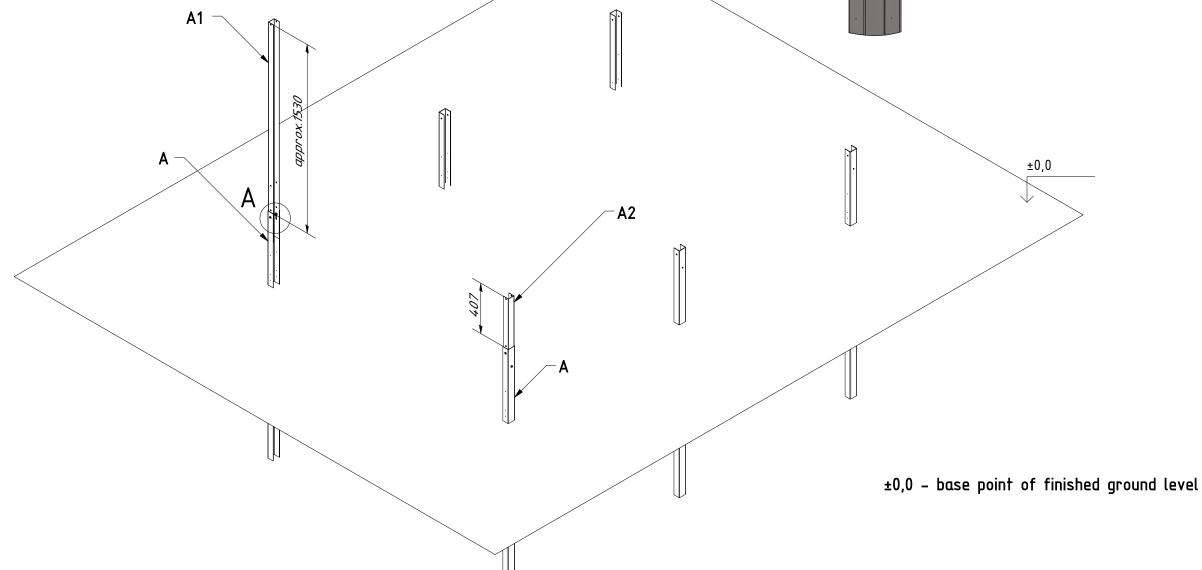


Fig.2-2 Joining structure channels "legs" (A) to add-on rear (A1) and front channels (A2)

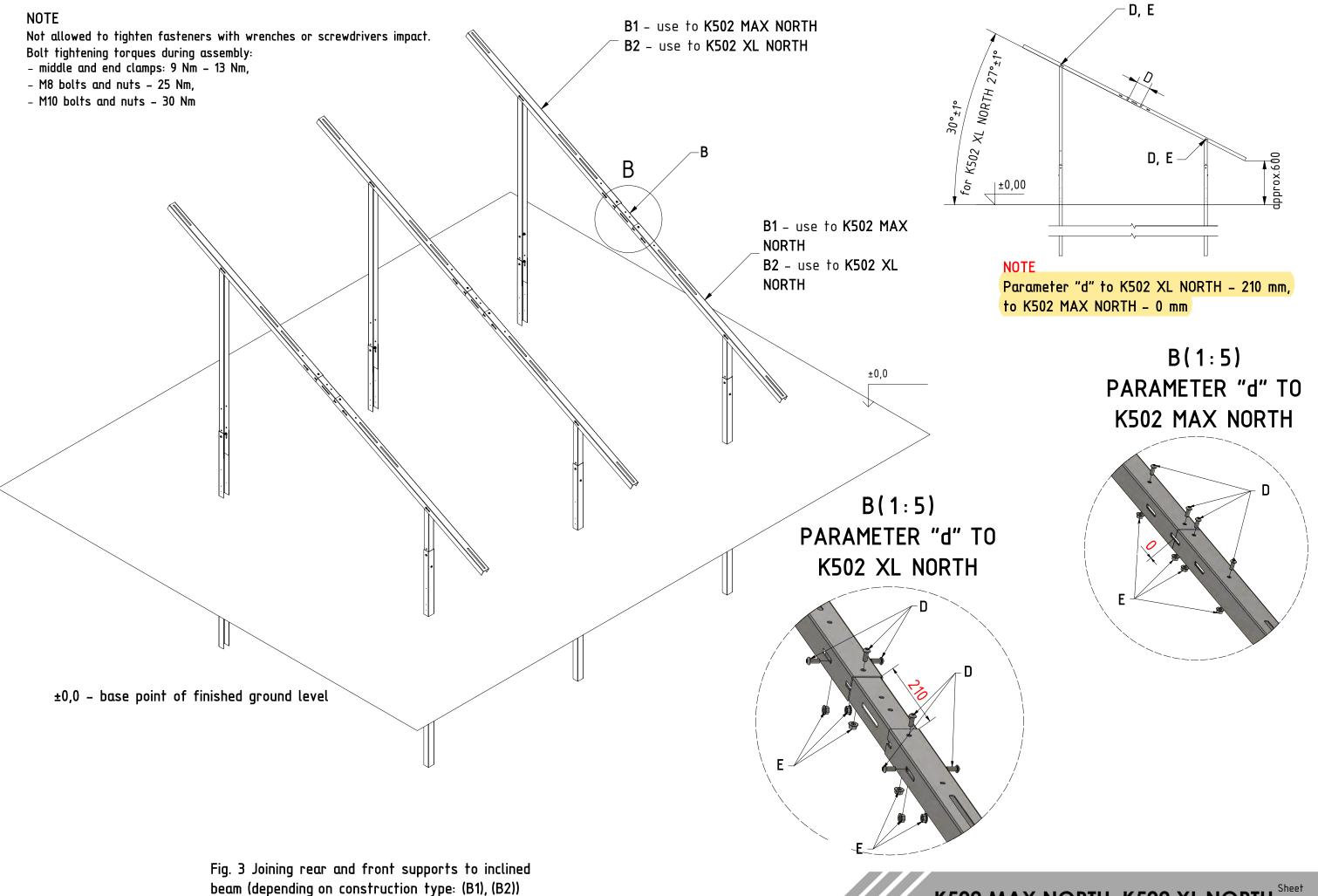


Fig. 3-1 Joining brace (CPV773) to inclined beam

Bolted connection

Not allowed to tighten fasteners with wrenches or screwdrivers impact.

Bolt tightening torques during assembly:

- middle and end clamps: 9 Nm 13 Nm,
- M8 bolts and nuts 25 Nm,

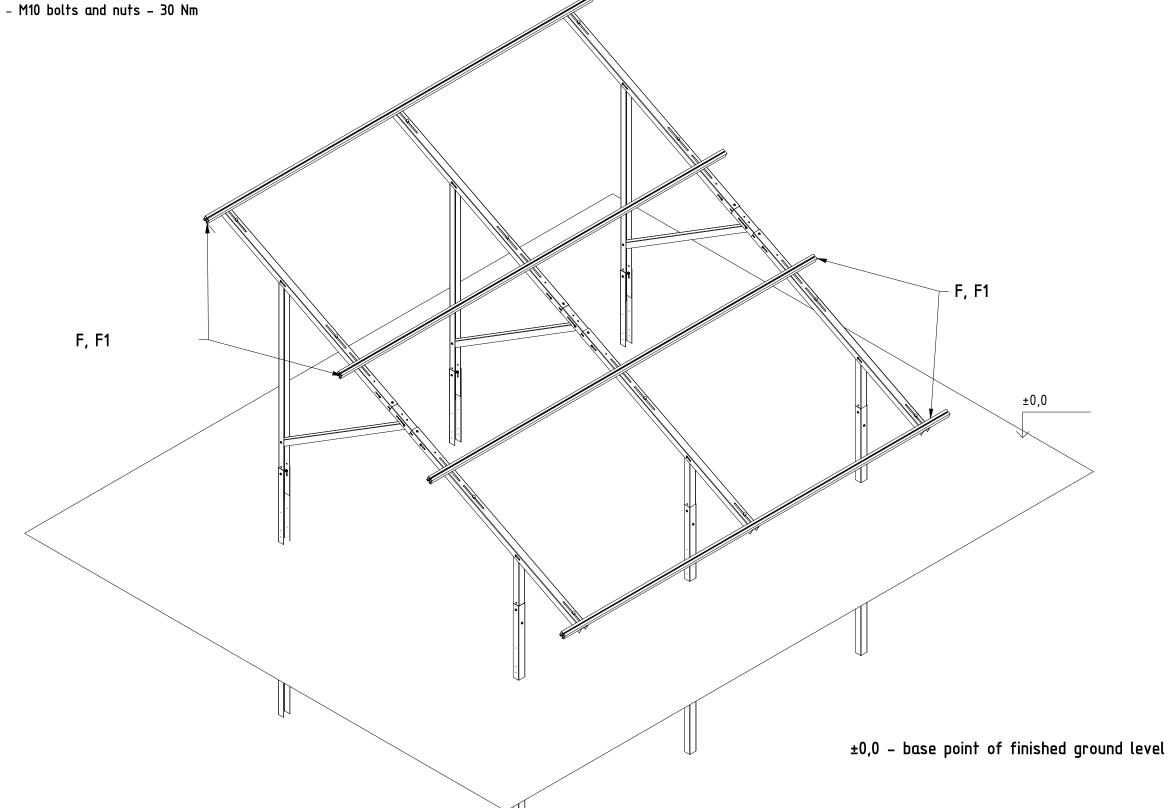
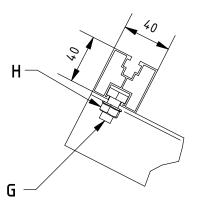


Fig. 4 Transverse aluminum rail (F, F1) installation (joining rails to inclined beam)

Joining aluminum rails to inclined steel beam



NOTE

Not allowed to tighten fasteners with wrenches or screwdrivers impact.

Bolt tightening torques during assembly:

- middle and end clamps: 9 Nm 13 Nm,
- M8 bolts and nuts 25 Nm,
- M10 bolts and nuts 30 Nm

INSTALLATION OF MODULES

