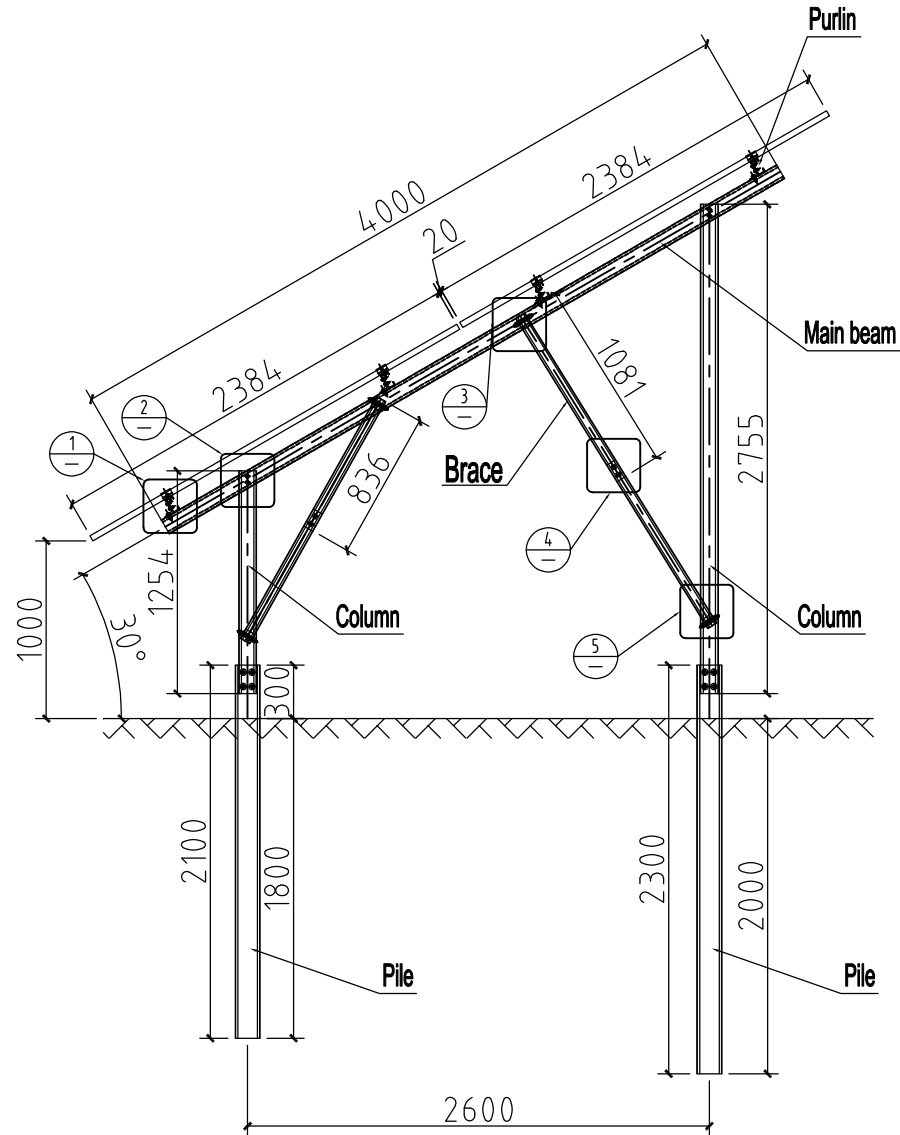
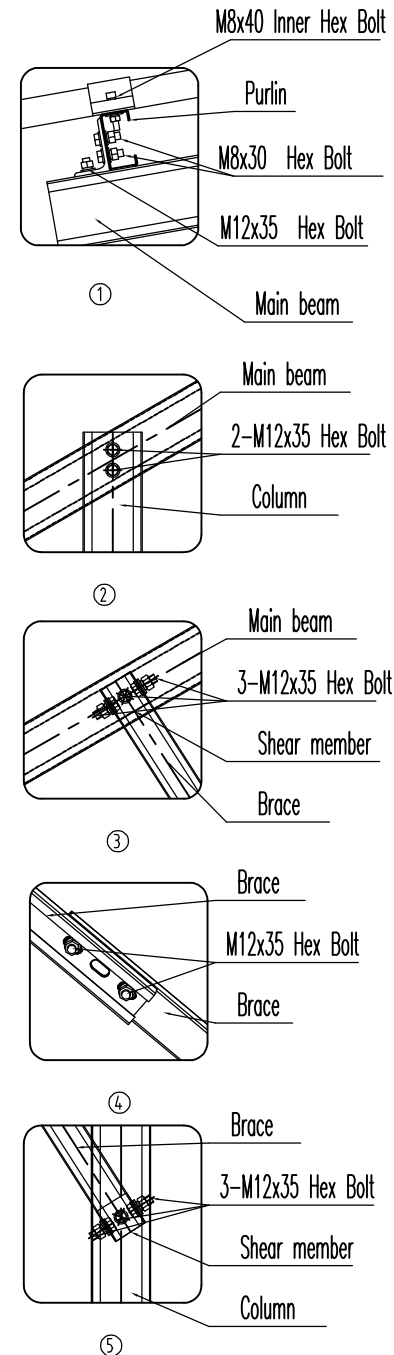


The steel grade corresponding to ST52 in China is Q345B. The minimum yield strength is 345 MPa.
The lowest grade of material used by HDsolar in this project is S350GD, with the minimum yield strength being 350 MPa.



Because there is no geological report, the foundation design is based on the assumption that the soil is normal and designed according to experience, without guaranteeing the hammerability and burial depth of the pile.



备注:
REMARK:

Design conditions:
Design Criteria :
American Standard
①, Panel : 710W - 2384*1303*33mm
Weight : 38.7kg
②, Wind Speed:
53m/s(3s gust in 300 year)
③, Snow Load: 1.5kN/m2
④, Layout: 2x26/2x13
⑤, Angle: 30°
⑥, GL: 1.0M
⑦, Foundation type :
Vertical pile
⑧, Main materials :
Steel +ZAM
⑨, Seismic resistance grade:
Zone 4, 0.35g

设计单位:
Designer:



项目名称
Project Name: 3MW unit for 1.5GW Fixed Bracket

项目编号
Project Nr.: 项目编号

签名 Signature 日期 Date

审核 Verified by Yu 2025.03

校对 Checked by Wang 2025.03

设计 Drawn by Xiang 2025.03

图名 Title: Structure (Vertical pile)

图号 Drawing Nr.: HD-JS-02

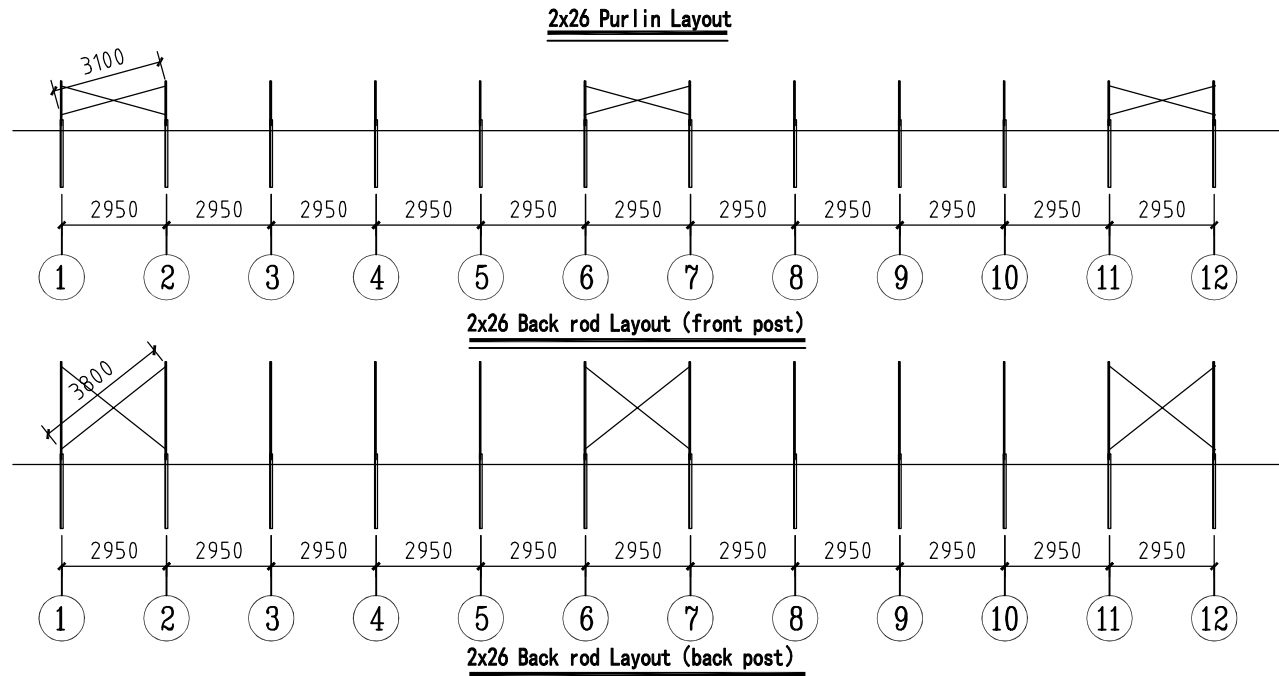
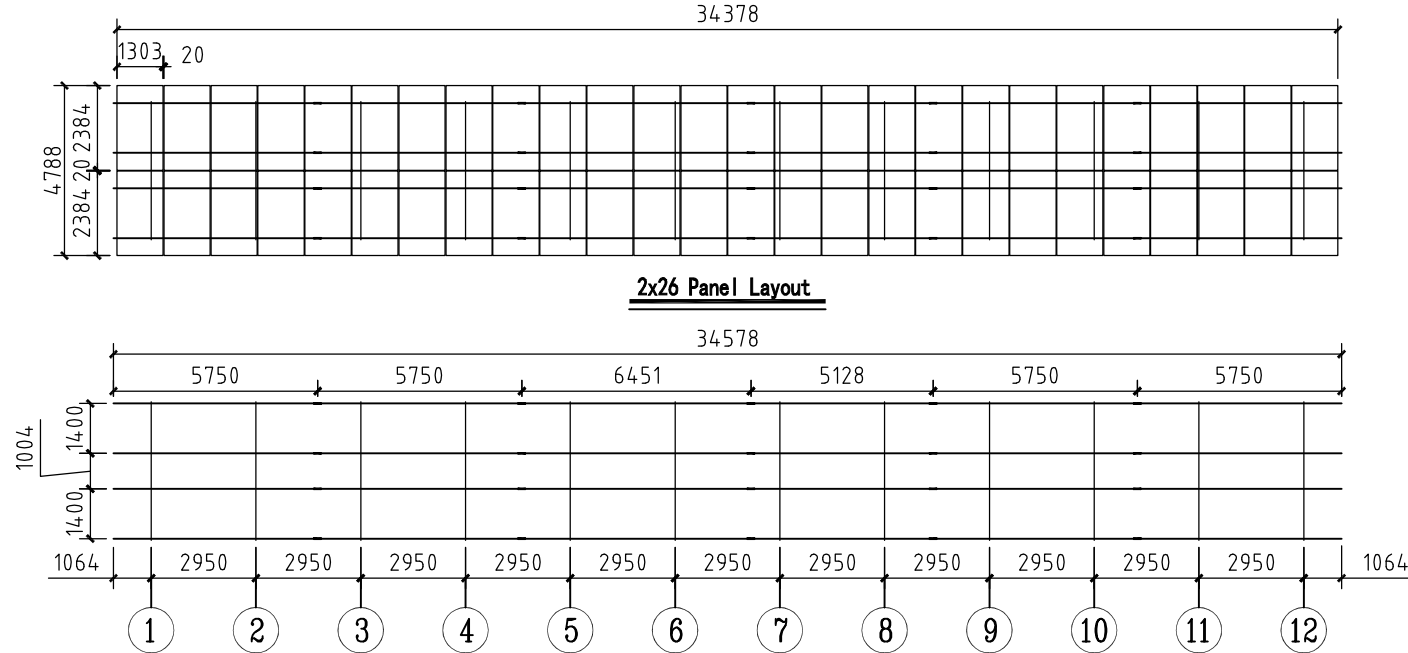
比例 Scale: 1:100

页码 Sheet: 第 02 页 版本号 第 6 版

Page: 02 Version Number NO. 6

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The steel grade corresponding to ST52 in China is Q345B. The minimum yield strength is 345 MPa.
The lowest grade of material used by HDsolar in this project is S350GD, with the minimum yield strength being 350 MPa.



备注:
REMARK:

Design conditions:
Design Criteria :
American Standard
①, Panel : 710W -
2384*1303*33mm
Weight : 38.7kg
②, Wind Speed:
53m/s(3s gust in 300 year)
③, Snow Load: 1.5kN/m2
④, Layout: 2x26/2x13
⑤, Angle: 30°
⑥, GL: 1.0M
⑦, Foundation type :
Vertical pile
⑧, Main materials :
Steel +ZAM
⑨, Seismic resistance grade:
Zone 4, 0.35g

设计单位:
Designer:



项目名称: 3MW unit for 1.5GW Fixed Bracket

Project Name: 项目编号

Project Nr. 签名 Signature 日期 Date

审核 Verified by Yu 2025.03

校对 Checked by Wang 2025.03

设计 Drawn by Xiang 2025.03

图名 Title 2x26 Layout

图号 Drawing Nr. HD-US-03

比例 Scale 1:100

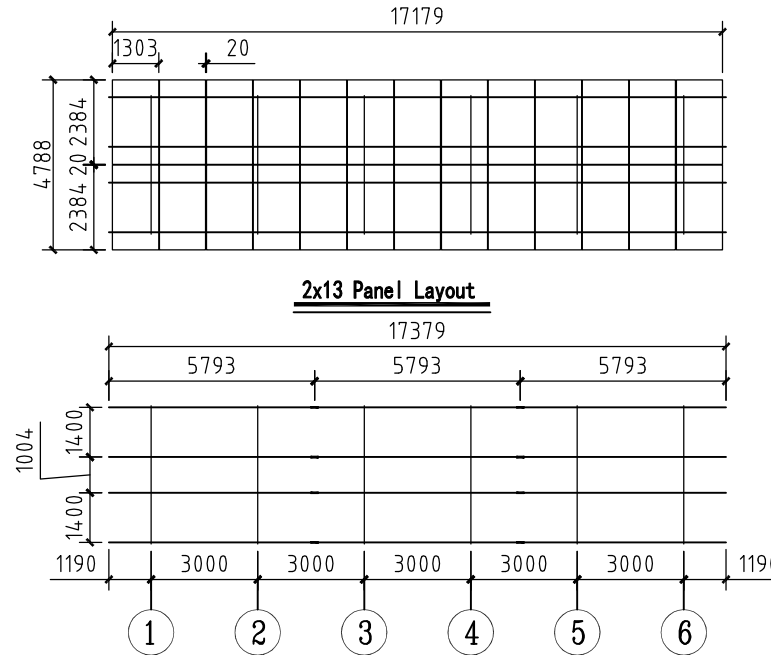
页码 Sheet 第 03 页 版本号 第 6 版

Page: 03 Version Number NO. 6

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The steel grade corresponding to ST52 in China is Q345B. The minimum yield strength is 345 MPa.
The lowest grade of material used by HDsolar in this project is S350GD, with the minimum yield strength being 350 MPa.



备注:
REMARK:

Design conditions:
Design Criteria :
American Standard
①, Panel : 710W -
2384*1303*33mm
Weight : 38.7kg
②, Wind Speed:
53m/s(3s gust in 300 year)
③, Snow Load: 1.5kN/m²
④, Layout: 2x26/2x13
⑤, Angle: 30°
⑥, GL: 1.0M
⑦, Foundation type :
Vertical pile
⑧, Main materials :
Steel +ZAM
⑨, Seismic resistance grade:
Zone 4, 0.35g

设计单位:
Designer:



项目名称
Project Name

项目编号
Project Nr.

审核
Verified by

校对
Checked by

设计
Drawn by

图名
Title

图号
Drawing Nr.

比例
Scale

页码
Sheet

第 04 页
Page: 04

版本号
Version Number

第 6 版
NO. 6

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