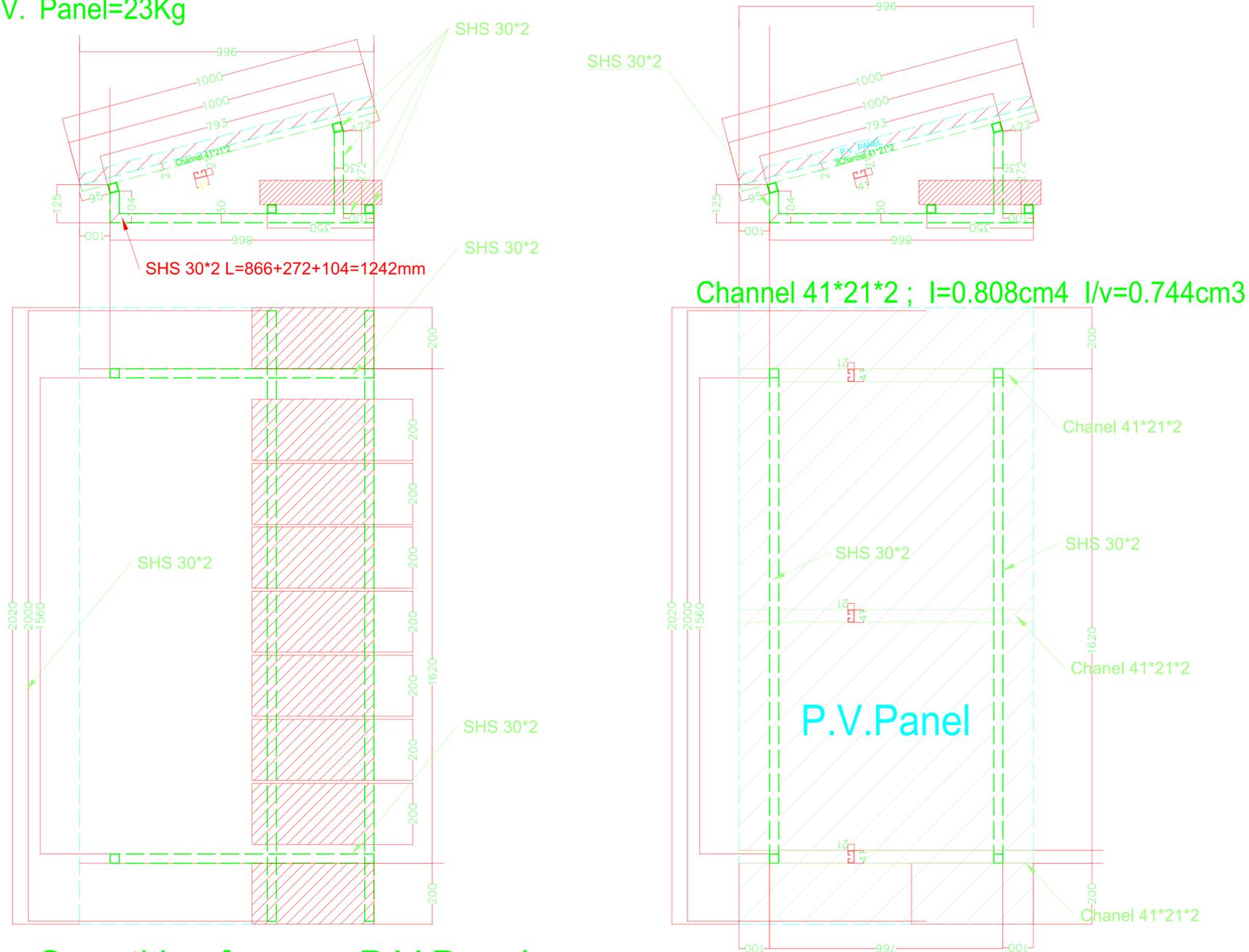


TYPICAL STRUCTURE FOR 1 PV PANEL

LOADS: Self weight + wind (exposed)
or Self weight + Snow(125kg/m²)

P.V. Panel=23Kg



Quantities for one P.V.Panel

SHS 30*2=2*1242+4000+2*1620=9724mm=17Kg

Channels 41*21*2=3*1000=3000mm=4.5Kg

Total Weight=17+4.5=21.5Kg

Concrete blocks 400*200*8=9U*15Kg=135Kg

Channel 41*21*2 ; Equivalent to RHS 40*20*1 :I=0.81cm⁴

NOTES:

LEGEND:

REVISIONS:

REVISION NO.	DESCRIPTION	DATE
0	ISSUED FOR EXECUTION	05-05-23

CONSULTANT:



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CLIENT:

GIZ

PROJECT DESCRIPTION:

ROOF PV SYSTEM

DRAWING TITLE:

STEEL STRUCTURE DESIGN

PROJECT PHASE:	DRAWING SCALE:	DRAWING DISCIPLINE:
EXECUTION	NTS	STRUCTURAL