Schematic Design Drawing

Deliverable #1
April 1st

National Chiao Tung University
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1. GENERAL
GE-001 COVER SHEET
GE-101 SHEET LIST
GE-201 GENERAL SYMBOLS
GE-301 GENERAL ABBREVIATIONS
GE-401 EXTERIOR RENDERING

14. SITE OPERATION (SO) Please refer to Note 3

15. HEALTH AND SAFETY (HS) Please refer to Note 4

16. PUBLIC TOUR (PT)

2. ARCHITECTURAL
AR-011 Site Plan
AR-021 Floor Plan
AR-031 Roof Plan
AR-051 Architectural Footprint
AR-052 Maximum Measurable Area
AR-101 Site Elevation
AR-111 East Elevation
AR-112 North Elevation
AR-113 South Elevation
AR-114 West Elevation
AR-111 Building Elevations
AR-201 Longitudinal Sections
AR-211 Transversal Sections

3. BIOCLIMATIC ANALYSIS (BA)
BA-001 Bioclimatic Drawings

4. INTERIORS (IN)
IN-001 Floor
IN-011 Reflected Ceiling
IN-201 Elevations
IN-301 Furnishings
IN-501 Bathroom Plan
IN-511 Bathroom Elevations
IN-601 Interior Renderings

5. STRUCTURAL (ST)
ST-001 Foundation Plan and Details
ST-002 Structural Floor Framing Plan
ST-011 Structural Floor Plan(s)
ST-021 Structural Roof Plan
ST-101 Structural Longitudinal Sections
ST-111 Structural Transversal Sections

6. FIRE PROTECTION (FP)

7. PLUMBING (PL)
PL-001 Plumbing Plan, Supply and Removal
PL-011 Grey Water
PL-021 Drain / Waste / Vent

8. SOLAR WATER HEATING (SW)

9. MECHANICAL (ME)
ME-001 HVAC DISTRIBUTION PLAN

10. ELECTRICAL (EL)
EL-001 LIGHTING PLAN

11. PHOTOVOLTAIC SYSTEM (PV)
PV-001 Photovoltaic System: General

12. TELECOMMUNICATIONS AND BUILDING AUTOMATIZATION SYSTEM (BAS)

13. SDE INSTRUMENTATION DRAWINGS (ID)
General Abbreviations

# Pound; DR Number
A: And
@: At
ACT: Acoustic Ceiling Tile
AD: Area Drain
AFF: Above Finished Floor
ALUM: Aluminum
AND: Anodized
BSMT: Basement
BVSD: Beyond
CDT: Bottom
CIP: Cast In Place
CMI: Channel
C: Control Joint
CLG: Ceiling
CLS: Clear
CML: Concrete Masonry Unit
CM: Column
COMP: Compressible
CONC: Concrete
CN: Continuous
CP: Carpet
CT: Ceramic Tile
CTO: Courtyard
CUL: Double
DE: Demolish or Demolition
DI: Diameter
DIM: Dimension
DM: Dimensions
DN: Down
DR: Deer
DWO: Drawing
EA: Each
EJ: Expansion Joint
EL: Elevation
ELEC: Electrical
ELEV: Elevator or Escalator
EPDM: Ethylene Propylene Diene M-Class (Reading)
EC: Equal
EXIT: Existing
EXP-JT: Expansion Joint
F: Exterior
FD: Floor Drain or Fire Department
FEC: Fire Extinguisher Cabinet
FXT: Fixture
F: Floor
FM: Filled Metal
FO: Face Of
FND: Foundation
GA: Gauge
GAL: Galvanized
GWB: Gypsum Wall Board
HC: Hollow Core
HI: High
IML: Insulated Metal
HP: High Point
HR: Hour
HVAC: Heating, Ventilating, And Air Conditioning
IRGWB: Impact Resistant Gypsum Wall Board
ILD: In Line Of
INSUL: Insulated or Insulation
INT: Interior
LD: Low
MAX: Maximum
MD: Masonry Opening
ME: Mechanical
MEMBR: Membrane
MIN: Minimum
MRUWB: Moisture-Resistant Gypsum Wall Board
MTL: Metal
NIC: Not In Contract
NO: Number
NOM: Nominal
O: Opposite
OZ: Ounce
PCC: Pre-Cast Concrete
PLUMB: Plumbing
PLY: Plywood
PNT: Paint or Painted
PPC: Polypropylene
RBR: Rubber
RCP: Reflective Ceiling Plan
RD: Roof Drain
RFGD: Required
RM: Room
SIM: Similar
SPEC: Specifications
SPK: Speaker
SST: Stainless Steel
SST: Sound Transmission Coefficient
SS: Steel
ST: Structure
TA: Tongue And Groove
TELE: Telephone
T: Top
TCT: Top Cut
TOD: Top Of Steel
TPD: Toilet Paper Dispenser
TYP: Typical
U: Unless Otherwise
VFF: Verify In Field
V: Vision Panel
W: With
WD: Wood
HYBRID PANEL SYSTEM

DOUBLE LAYER GLASS

FOUNDATION

4% SLOPE
**Light thru BIPV Module**

**GCG210-6P106FL3**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-20°C~75°C</td>
</tr>
<tr>
<td>DC Voltage</td>
<td>600V</td>
</tr>
<tr>
<td>DC Current</td>
<td>10A</td>
</tr>
<tr>
<td>Power</td>
<td>10W</td>
</tr>
</tbody>
</table>

**Dimensions**: 1,210 x 1,090 x 30mm

**Weight**: 12kg

**Efficiency**: 12%

**Application**: Suitable for residential and commercial applications

**Mounting**: Designed for easy installation on flat roofs and walls

**Interconnection**: Mono-crystalline silicon

**Performance**: Weather-resistant and durable

**Certification**: CE, TUV, IEC, UL

**Company**: DelSolar

**Contact**: info@del-solar.com

**Website**: www.del-solar.com

**Notes**: Use in shaded areas with caution.