

ENVISION SOLARSM SOLAR TREE[®] SOCKET

transforming parking lots and parking structures into clean power plants



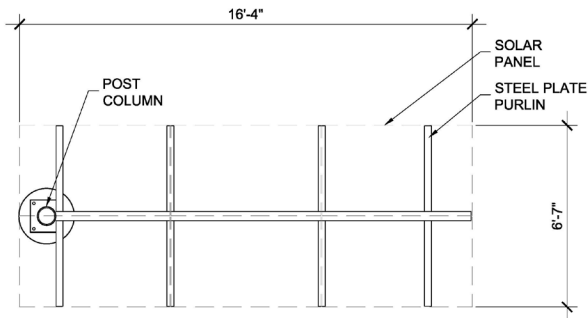
Turn-key Photovoltaic Shade System Delivered On-Site For Easy Installation

The Solar Tree[®] Socket is the ideal solution to create distinguished, sustainable real estate. The Socket is designed to meet the needs of a wide variety of applications, shading vehicles from the sun, reducing carbon footprints through the production of renewable energy, and advancing the infrastructure for electric vehicles. Envision Solar's Solar Tree[®] Sockets are the ideal combination of form, function and sustainability.

- Each Socket provides shade for one standard parking space
- Iconic design suitable for a wide variety of properties
- System supports a variety of module types
- Easily deployed on existing structures or new construction
- Integrated Wire Management System
- Tilted at 15° to optimize aesthetics, energy production and shade, and to minimize maintenance
- Available for shipment worldwide



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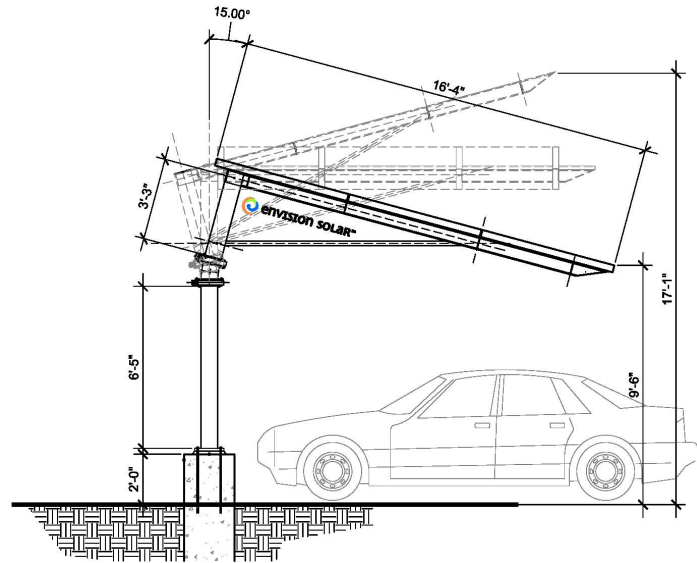
1 | PV SYSTEM

PV System Size Per Tree:
1.44 kW DC (STC)

Module Type and Model Number:

MAGE Powertech® Plus 240/6MF

Tilt Angle:
15°



2 | DIMENSIONS

Canopy: 16'-4" x 6'-7"
(4.97m x 2.01m)

Base Plate Dimensions: 14" x 14" x 1-1/4"
(35.56cm x 35.56cm x 3.18cm)

Column Dimensions: 8" Diameter Pipe (Standard; Can Vary)
(20.32cm)

Foundation: 24" sq. concrete pier or driven steel pile
(60.96cm) (if applicable)

3 | FOUNDATION (Below Grade)

Material: Reinforced concrete (caisson) foundation, structurally designed for each location. Depth of caisson varies per soil conditions.

NOTE: Structural foundation design is not included. Additional engineering services available in select locations upon request.

4 | ELECTRICAL SYSTEM INTEGRATION

Lighting: Optional lighting fixtures can be mounted to column or canopy, providing indirect ambient light or direct downlighting. Energy-efficient LED's are recommended.

Electric Vehicle Charging Station (Optional): Accommodates a variety of charging station configurations.

NOTE: All Sockets are pre-fit with spare conduits for future devices such as communication, security, or flat-screen advertising panels.

5 | ASSEMBLY INFORMATION

Equipment Requirements:

Light Crane, Forklift, Manlifts, Hand Tools
(Backhoe/Drill Rig if being installed on-grade)

Labor Requirements:

Envision Solar or other skilled supervision
3 Skilled Workers

Contractor License Requirements:

B, C (Varies by State)

Finishes:

Steel Column: ASTM-123 Hot-Dipped Galvanized Steel
Purlins: G-90 Galvanized Steel
Trusses: ASTM-123 Hot-Dipped Galvanized Steel

6 | CODE COMPLIANCE

Each Socket structure exceeds code requirements in any jurisdiction in the United States with certain site specific modifications.

