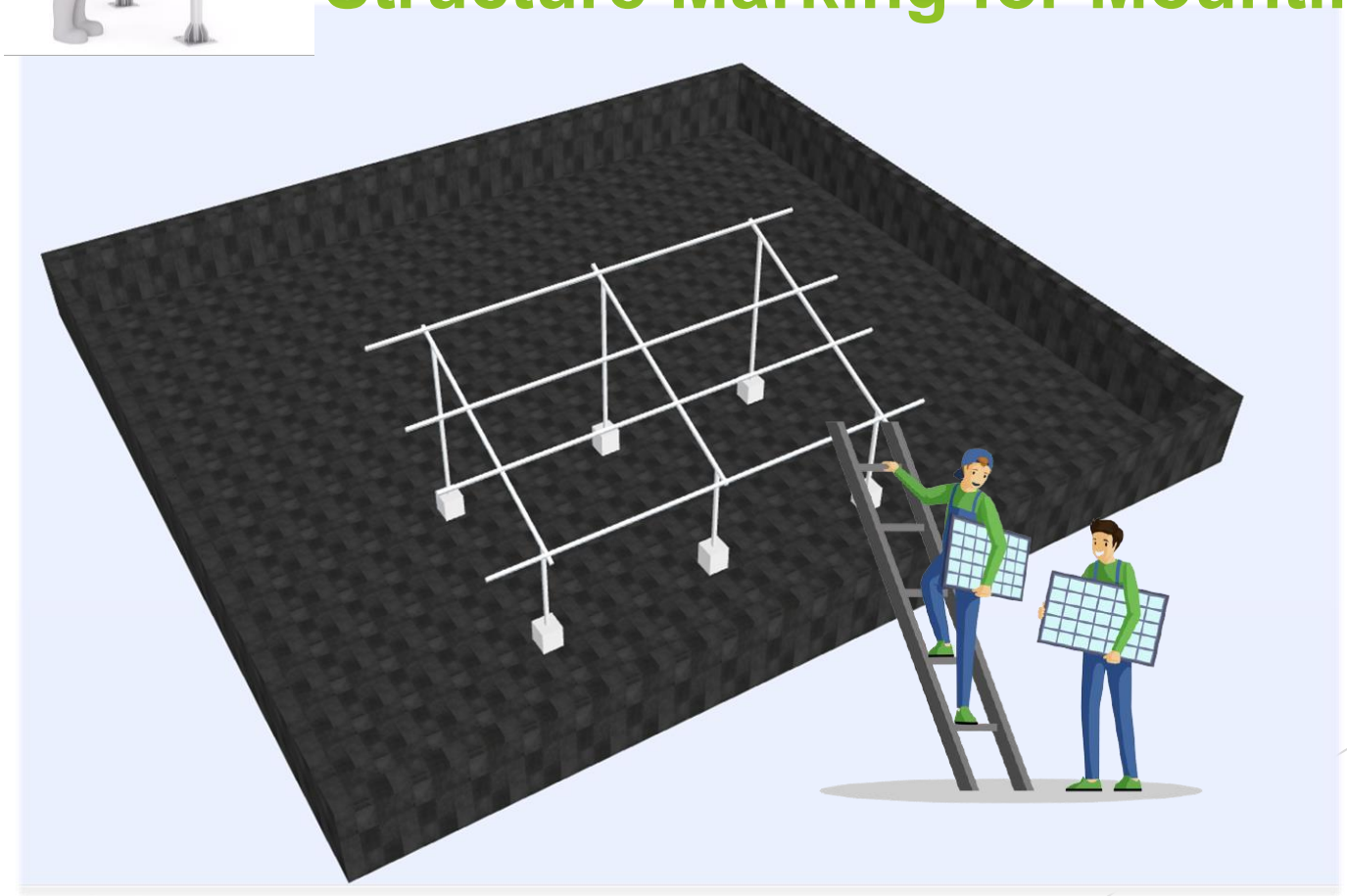
# Structure Dimensions Calculation

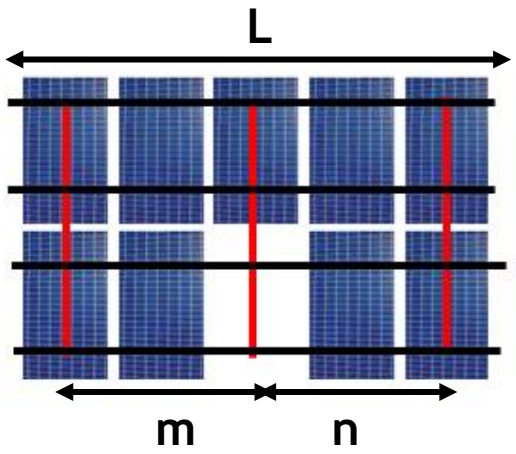
# &

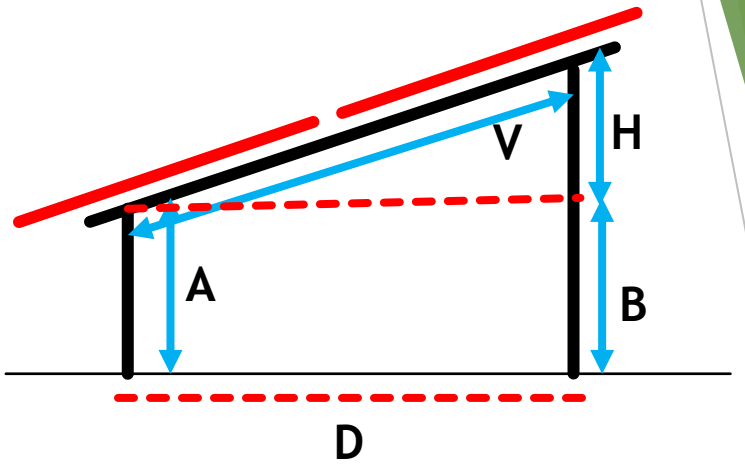
# Structure Marking for Mounting



Designed by- Krishh Shrivastava

Table size - 5X2



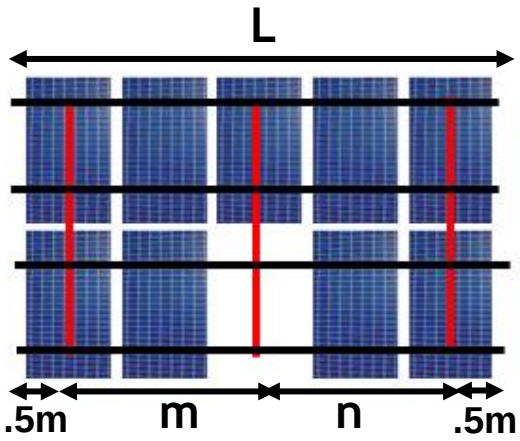




**Required data for marking -**

1. **Value of V (Vertical distance between front leg & last leg)**
2. **Value of A (front leg height)**
3. **Value of H (height difference due to angle)**
4. **Value of D (Horizontal distance between front and Last leg)**
5. **Tilt Angle**
6. **Value of L (length of Perlin)**
7. **Value of m & n (distance between leg to leg)**

Designed by- Krishh Shrivastava

Table size - 5X2




**L=**

**(Module width*no. of Module) + (Clamp width* no. of clamps)**

**= 1mtr*5+ (.05*6)**
**= 5.30 mtr**

**M & N =**

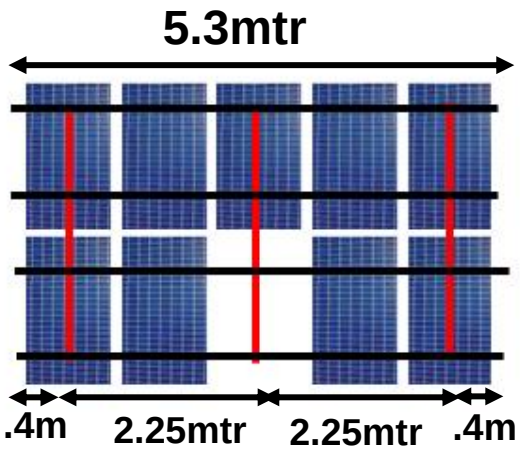
**(L-1m)/2.5mtr**

**= (5.3-1)/2.5**

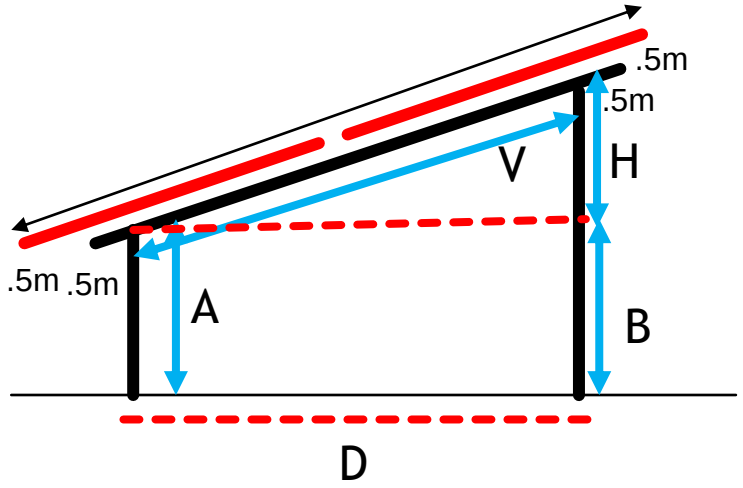
**= 1.72mtr optional**

**We can take 2.25mtr distance .**

It will be depends on your design




Designed by- Krishh Shrivastava




V = 2 mtr
A= 1 mtr

Last Leg( B+H) =

B = A ( front Leg)
H= ?

Sin (tilt angle) = H/V

Or H= Sin (20°)*V
H= .68 mtr

So Last leg = 1.68 mtr

Cos(Tilt angle)= D/V

Or D= Cos(20°)*V

D= 1.879 mtr or 1.88 mtr

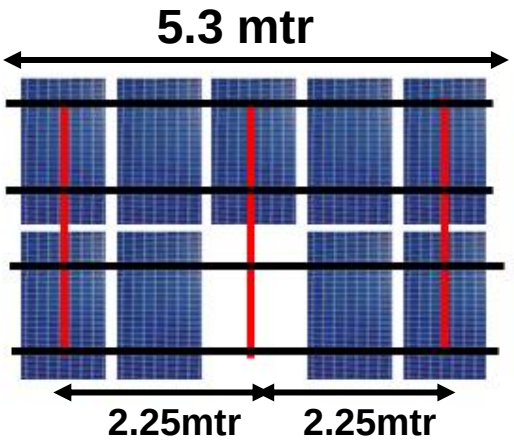
Tan(Tilt angle)= H/D

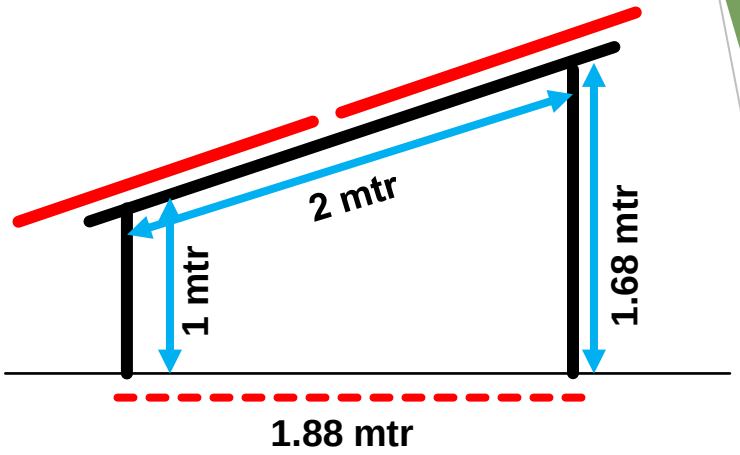
Or D= .68/.364

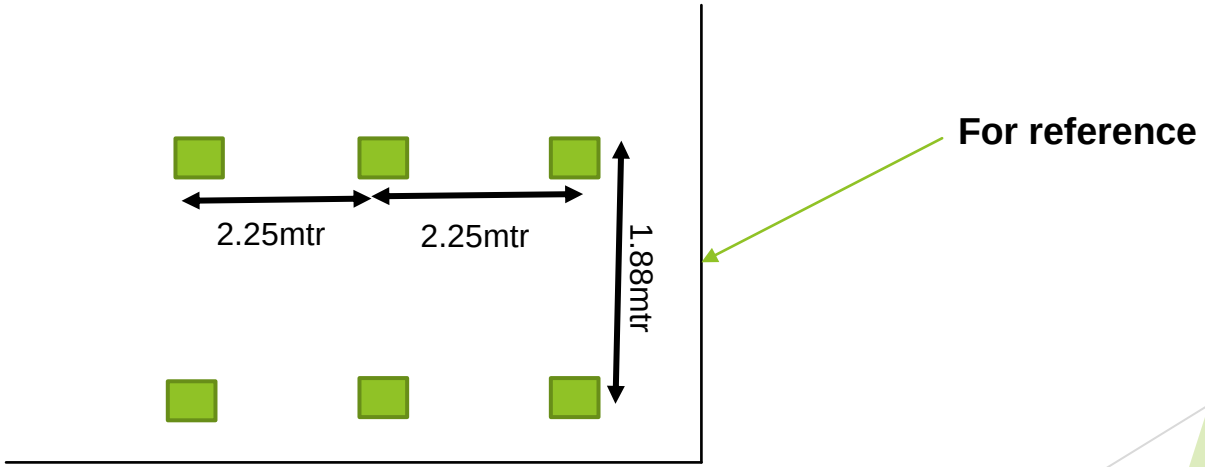
D= 1.88 mtr

Designed by- Krishh Shrivastava

Table size - 5X2




Designed by- Krishh Shrivastava