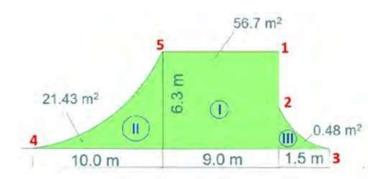**Project**: Diversion of 0.048 Ha. Protected Forest Land for Construction of Mahadev Picnic Spot for Eco-Tourism purpose b/w Ch. 88+650 to 88+750, Khasra No. 2531 of NH-09 R.H.S in Village- Garh Banger, Tehsil- Garhmukteswar, District Hapur in Uttar Pradesh State

Forest Area Statement

Area

I = Length x Width
  = 6.3m x 9m=56.7 m^2

II = Area of Square (10m Side) - ¼ Area of Circle (R=13m)
  =(10mx10m) - ¼ (22/7x10x10)
  = 100-78.57=21.43 m^2

III = Area of Square (1.5m Side) - ¼ Area of Circle (R=1.5m)
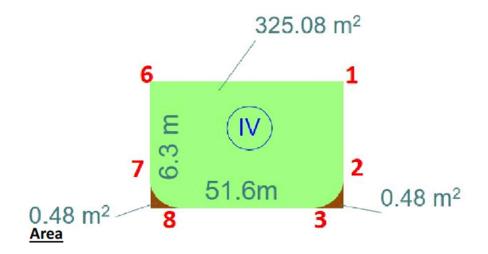 =(1.5mx1.5m) - ¼ (22/7x1.5x1.5)
  = 2.25-1.77=0.48 m^2

Total Area = I+II+III
Entry Area = 56.7 m^2 + 21.91 m^2 = 78.61 m^2
Exit Area = 56.7 m^2 + 21.91 m^2 = 78.61 m^2

Entry+ Exit Area = 78.61 + 78.61 m^2 = 157.22 m^2 or say 0.016 Hectare

Area

IV = Length x Width
   = 6.3m x 51.6m=325.08 m^2

III = Area of Square (1.5m Side) - ¼ Area of Circle (R=1.5m)
   =(1.5mx1.5m) - ¼ (22/7x1.5x1.5)
   = 2.25-1.77=0.48 m^2

Total Area to be remove = III+III = 0.48 + 0.48 =0.96 m^2
Separator Area = 325.08 − 0.96 = 324.12 m^2 or say 0.032 Hectare

Total Forest Area Requirement = 0.016 + 0.032 ha = 0.048 ha

For Mahadev Picnic Spot

Mrs. Santosh Yadav
W/o Harender Singh Yadav
1272, Raghubeer Kunj, Hapur

Date: 26.09.2022
Place: Hapur