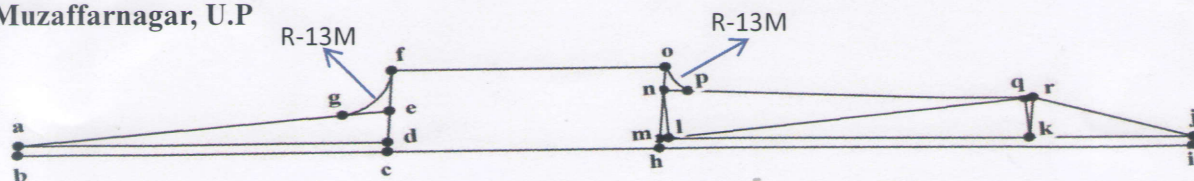
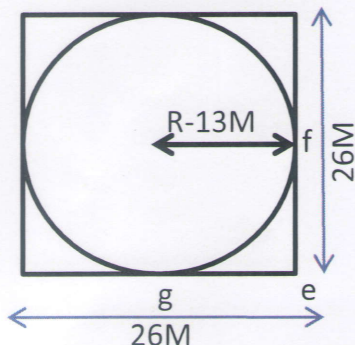


Area Calculation Sheet of Proposed Retail-Outlet of Bharat Petroleum Corporation Limited At Within 3Km of Rohana Khurd Toll Barrier On Muzaffarnagar-Saharanpur Road (LHS) Within Police Station Kotwali City in Khasra No. 128 (Part of), Village – Begampur, Tehsil & District Muzaffarnagar, U.P



Length of Lines in Meter

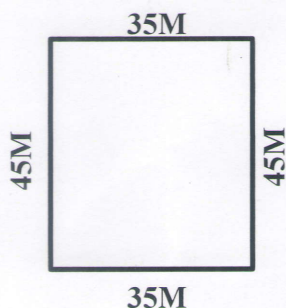


ab	2.25	ij	2.25
bc = ad	67.75	jk	30
de	4.96	kr	9.5
cf	12.86	kq	10.2
ch	39.5	mr	69.8
hi = mj	97.75	nl	11.6

Area of Proposed Forest Land

Sl	Description	Area in Square Meter
1	Area of Square (26Mx26M=676.000 Sq M)	676.00
2	Area of Circle (3.142x13x13=530.66 smt)	530.66
	Area of gef = nop	
3	Area of gef = 676-530.66/4=36.251smt	36.25
4	Area of nop	36.25
5	Area of rectangle abcd	ab x bc = 2.25 x 67.75 = 152.44
6	Area of Right Angle Triangle ade	1/2 x ad x de = 0.50 x 67.75 x 4.96 = 168.02
7	Area of Rectangle cfoh	cf x ch = 12.86 x 39.50 = 507.97
8	Area of Rectangle hijm	hi x ij = 97.75 x 2.25 = 219.94
9	Area of Right Angle Triangle jkr	1/2 x jk x kr = 0.50 x 30.00 x 9.50 = 142.50
10	Area of Parallelogram mnrk	1/2 x mr x (nl + qk) = 1/2 x 69.6 x (11.60 + 10.20) = 760.82
Total Area of Proposed Protected Forest Land in Square Meter (3+4+5+6+7+8+9+10)		2024.19
Total Area of Proposed Protected Forest Land in Hectare		0.2024

Area of Non Forest Land/Private Land



Length of Lines in Meter

Area of Private Land = Area of abcd

= 45 x 35 = 1575 Square Meter

Area of Private Land in Hectare = 0.1575 Hectare

Total Area (Forest Land + Private Land) = 0.2024 + 0.1575 = 0.3599 Hectare