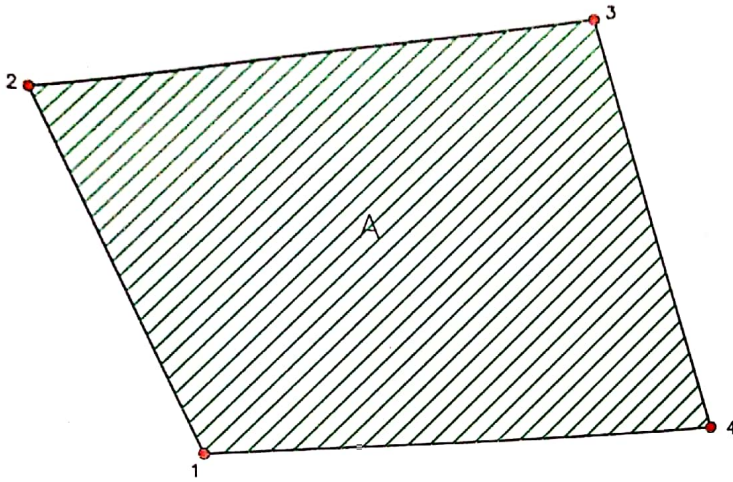


**PROPOSED COMPENSATORY AFFORESTATION LAND
GEO REFERENCE MAP OF PROPOSED 765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
FOREST LAND NEAR VILLAGE- NAGLA KALE, ETAWAH**



Forest Area DGPS Coordinates			
AREA	SL. NO.	LATITUDE	LONGITUDE
A	1	26°37'06.77"	79°09'12.68"
	2	26°37'11.70"	79°09'10.06"
	3	26°37'12.91"	79°09'18.48"
	4	26°37'07.24"	79°09'20.39"

AREA PROPOSED FOR DIVERSION	
Forest Area (m2)	Forest Area (ha.)
38013	3.8013

Formula of Area Calculation

Area = $\sqrt{p(p-a)(p-b)(p-c)}$
Where p is half the perimeter, or $a+b+c/2$

$$p = 235.884 + 182.328 + 317.021 / 2 = 367.6165$$

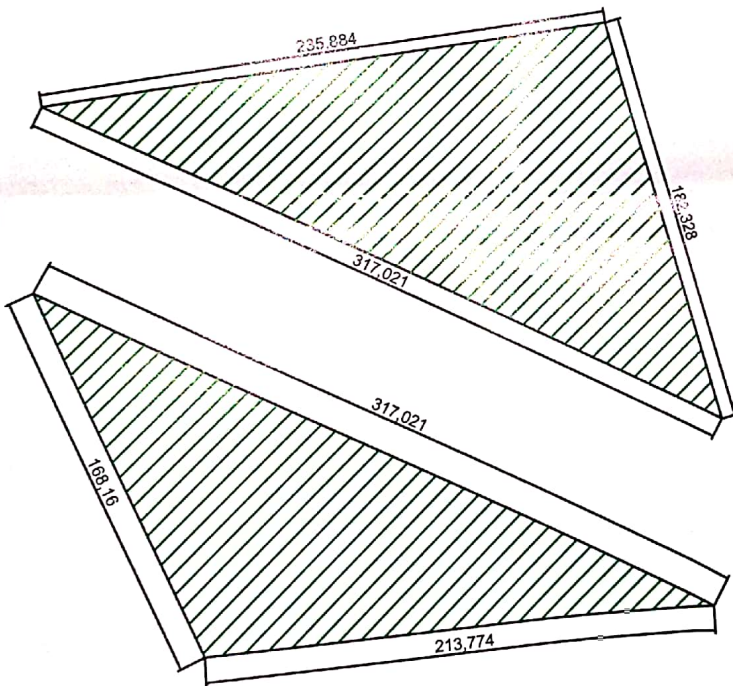
$$\text{Area} = \sqrt{(367.6165 * 131.7325 * 185.2885 * 50.5955)} = 21307.0902$$

2.13070902 Hectares

$$p = 317.021 + 213.774 + 168.16 / 2 = 349.4775$$

$$\text{Area} = \sqrt{(349.4775 * 32.4565 * 135.7035 * 181.3175)} = 16706.1293$$

1.67061293 Hectares



SCALE
0 5 10 20 30 40 METERS



Legend
 Forest Area DGPS Coordinates
 Compensatory Afforestation area

PROJECT:-	765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765KV S/C AGRA-GREATER NOIDA PROPOSED TRANSMISSION LINE ROUTE (IN HATHRAS FOREST DIVISION)
DATE:- 13/03/2020	DRAWING NO.-GTL/A-G/55

प्रभागीय वनाधिकारी
हथरस का प्रभाग
हथरस

प्रभागीय निदेशक
सं० व० प्रभाग
इटावा

उप प्रभागीय वनाधिकारी
सामाजिक वानिकी प्रभाग, इटावा

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