

KM STONE NO-176, (CHAINAGE-175.523, R.H.S) KHASRA NO-128/7/2, VILLAGE- BILAR, TEHSIL- SIKANDRA RAO, DISTRICT- HATHRAS, (U.P.)



चन्द्रमणि शाह (रिटेन सेल्स)
गिरिद प्रबंधक (कार्पोरेशन दि०
डिप्टन ऑयल कार्यालय
आगरा मंडल कार्यालय
संजय देसा, आगरा-282002

**DETAIL OF AREA CALCULATION FOR THE PROTECTED FOREST LAND PROPOSED TO BE DIVERTED FOR ENTRY / EXIT AND MIDDLE APPROACH TO IOCL
RETAIL OUTLET AS WELL AS NON FOREST AREA ON ALIGARH-KANPUR ROAD NH-34 (OLD NH-91)
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FOREST LAND

SL.NO.	MKD NO.	SHAPE	LENGTH	BREADTH	DEPTH/H EIGHT	CHORD LENGTH (I)	CURVE RADIUS (R)	CURVE HEIGHT (H)	AREA IN SQM
ENTRY									
1	A	TRAIANGLE	17.098		7.11				60.783
2	B	TRAIANGLE	8.759		9.415				41.233
3	B'	CURVE PART				10.487	13.00	1.104	7.785
4	C	TRAIANGLE	7.9		5.500				21.725
5	E	TRAIANGLE	61.191		5.500				168.275
6	F	CURVE PART				17.098	20.407	1.877	21.6
AREA OF ENTRY									305.831
SAY									305.830
MIDDLE PART									
1	D	TRAIANGLE	7.867		0.720				2.832
	H	AREA OF TRAPEZIUM BCGF	34.947	10.131					354.043
3	I	RECTANGLE	48.893	0.850					41.559
4	M	TRAIANGLE	4.990		0.850				2.121
7	F	CURVE PART				17.098	20.407	1.877	21.6
8	K	CURVE PART				21.111	21.457	2.776	39.605
AREA OF MIDDLE PART									339.350
SAY									339.350
EXIT PART									
1	J	TRAIANGLE	21.111		6.168				65.106
2	L	TRAIANGLE	6.814		11.336				38.622
3	N	RECTANGLE	59.868	5.500					329.274
4	P	TRAIANGLE	30.500		5.500				83.875
5	G	TRAIANGLE	4.023		5.500				11.063
6	K	CURVE PART				21.111	21.457	2.776	39.605
7	L'	CURVE PART				11.457	13.000	1.33	10.267
AREA OF EXIT									557.278
SAY									557.280
TOTAL AREA									1202.46
SAY									0.120246 HAC

AND FOR RETAIL OUTLET (NON FOREST LAND)

SL.NO.	MKD NO.	SHAPE	LENGTH	BREADTH	DEPTH/H EIGHT	CHORD LENGTH (I)	CURVE RADIUS (R)	CURVE HEIGHT (H)	AREA IN SQM
1	1	RECTANGLE	45	45					2025
TOTAL									2025

0.202500 HAC

AREA OF TRAIANGLE
AREA OF PARALLELOGRAM
AREA OF CURVE PART
AREA OF RECTANGLE

0.5XBASEXHEIGHT
AVERAGE OF TWO PARALLEL SIDES X DISTANCE BETWEEN PARELLEL SIDE
{R²[COS⁻¹(R-H)/R]-{R-H} SQRT (2XRXH-H²)}
LENGTH X WIDTH

TOTAL AREA = 0.322746

DATE 20.04.2021

PLACE AGRA

SIGN & SEAL

(Signature)
चन्द्रमणि राय
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