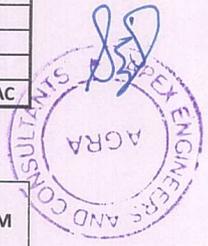DETAIL CALCULATION FOR AREA OF THE PROTECTED FOREST LAND PROPOSED TO BE DIVERTED FOR ENTRY/EXIT AND MIDDLE APPROACH TO BPCL RETAIL OUTLET AS WELL AS NON FOREST AREA ON CHANDOSI- MORADABAD ROAD NH-93 AT KM 223 (CH. 222.036, LHS) AT KHASRA NO.-82, VILLAGE- CHAKFAZALPUR, TEHSIL- BILARI, DISTRICT- MORADABAD, UTTAR PRADESH

FOREST LAND

SL.NO.	MKD NO.	SHAPE	LENGTH	BREADTH	DEPTH/HEIGHT	CHORD LENGTH (I)	CURVE RADIUS (R)	CURVE HEIGHT (H)	AREA IN SQM
					ENTRY				
1	A	TRAINGLE	18.025		6.026				54.309
2	B	TRAINGLE	6.176		9.057				27.968
3	B'	CURVE PART				9.205	13	0.842	5.202
4	C	TRAINGLE	27.641		5.374				74.271
5	E	TRAINGLE	62.935		6.224				195.854
6	E'	CURVE PART				62.935	650	0.762	31.972
7	F	CURVE PART				18.025	33.605	1.231	14.847
8	G	CURVE PART				27.641	65.5	0.181	1.175
								AREA OF ENTRY	331.250
					MIDDLE PART				
1	D	TRAINGLE	27.118		5.351				72.554
2	H	AREA OF TRAPEZIUM BCGF	32.07	9.46					303.382
3	I	RECTANGLE	47.14	5.351					252.246
4	M	TRAINGLE	48.307		5.351				129.245
5	O	CURVE PART				48.602	655.5	0.562	20.337
6	G	CURVE PART				27.641	655.5	0.181	3.717
7	F	CURVE PART				18.025	33.605	1.231	14.847
8	K	CURVE PART				17.563	29.21	1.287	14.781
								AREA OF MIDDLE PART	703.745
					EXIT PART				
1	J	TRAINGLE	17.563		6.196				54.41
2	L	TRAINGLE	9.205		6.379				29.359
3	N	TRAINGLE	48.602		5.161				125.417
4	P	TRAINGLE	63.376		6.114				193.74
5	Q	TRAINGLE	48.397		4.5				108.893
6	K	CURVE PART				17.593	29.21	1.287	14.781
7	L'	CURVE PART				9.205	13	0.842	5.202
8	O	CURVE PART				48.602	655.5	0.562	20.337
9	P'	CURVE PART				62.376	650	0.749	31.157
								AREA OF EXIT	510.578
								TOTAL AREA	1545.573
								SAY	0.1545573 HAC

AND FOR RETAIL OUTLET (NON FOREST LAND)

SL.NO.	MKD NO.	SHAPE	LENGTH	BREADTH	DEPTH/HEIGHT	CHORD LENGTH (I)	CURVE RADIUS (R)	CURVE HEIGHT (H)	AREA IN SQM
1	(1)	TRAINGLE	34.454		2.577				44.394
2	(2)	TRAINGLE	34.454		43.571				750.598
3	(3)	TRAINGLE	40		44.01				880.2
								TOTAL	1675.192
									0.1675192 HAC

AREA OF TRAINGLE	0.5XBASEXHEIGHT
AREA OF PARALLELOGRAM	AVERAGE OF TWO PARALLEL SIDES X DISTANCE BETWEEN PARELLEL SIDE
AREA OF CURVE PART	$\{R^2[COS^{-1}(R-H)/R]-(R-H) \ SQRT \ (2XRXH-H^2)\}$
AREA OF RECTANGLE	LENGHTH X WIDTH

SIGN & SEAL
KUMAR AVINASH
TERRITORY MANAGER
BHARAT PETROLEUM CORPORATION LTD, MEERUT

DATE 18-05-18
PLACE MEERUT

ATTESTED
Manik Chand Verma
Advocate
Gazetted Officer
Distt. Notary, Agra
Regd. No. 1694/200?

कुमार अविनाश
प्रादेशिक प्रबन्धक (रिटेल)
भारत पेट्रोलियम कार्पोरेशन लिमिटेड
आबू का मकबरा, केसर गंज
मेरठ—250002 (उ0प्र0)

PLAN OF THE PROTECTED FOREST LAND PROPOSED TO BE DIVERTED FOR ENTRY/EXIT AND MIDDLE APPROACH TO BPCL RETAIL OUTLET AS WELL AS PROPOSED LAND OF RETAIL OUTLET ON CHANDOSI-MORADABAD ROAD NH-93 AT KM 223

(CH. 222.036, LHS) AT KHASRA NO.- 82, VILLAGE- CHAKFAZALPUR, TEHSIL- BILARI, DISTRICT- MORADABAD, UTTAR PRADESH

SIGN & SEAL
KUMAR AVINASH
TERRITORY MANAGER
BHARAT PETROLEUM
CORPORATION LTD, MEERUT

PLACE: MEERUT
DATE: 18-05-2018

NON FOREST PLOT

MIDDLE PART

EXIT

ENTRY

TO MORADABAD

TO CHANDOSI

R.O.W.

(NH-93)
C/L OF CARRIAGEWAY
7.0M WD CARRIAGEWAY
1.50M WD PAVED SHOULDER
1.0M WD EARTHEN SHOULDER

D1 = 842
D2 = 1287
D5 = 562
D6 = 749

D1 = 842
D2 = 1231
D3 = 762
D4 = 181

कुमार अविनाश
प्रादेशिक प्रबन्धक (रिटेल)
भारत पेट्रोलियम कार्पोरेशन लिमिटेड
आलू का मकबरा, केसर गंज
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