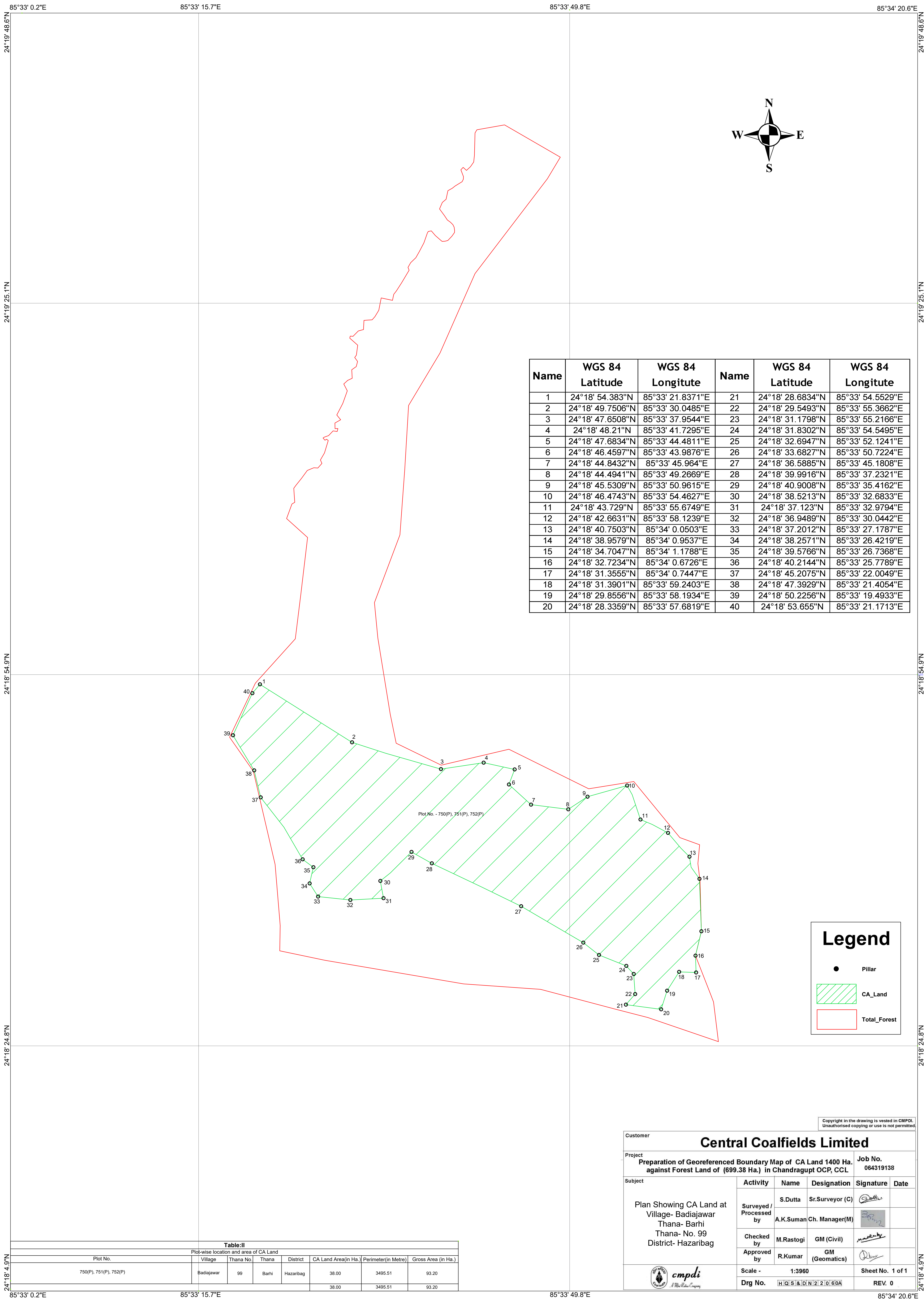
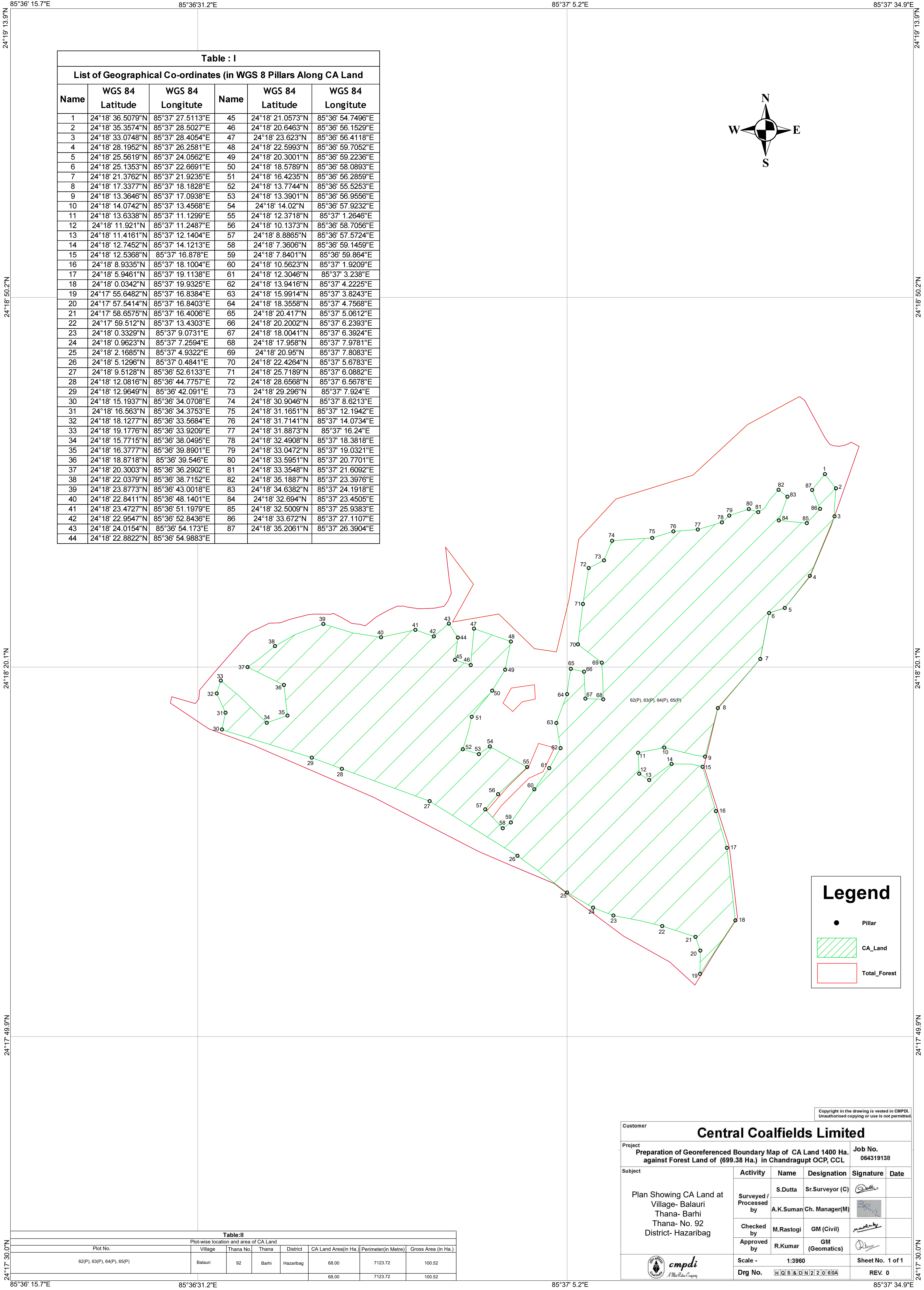
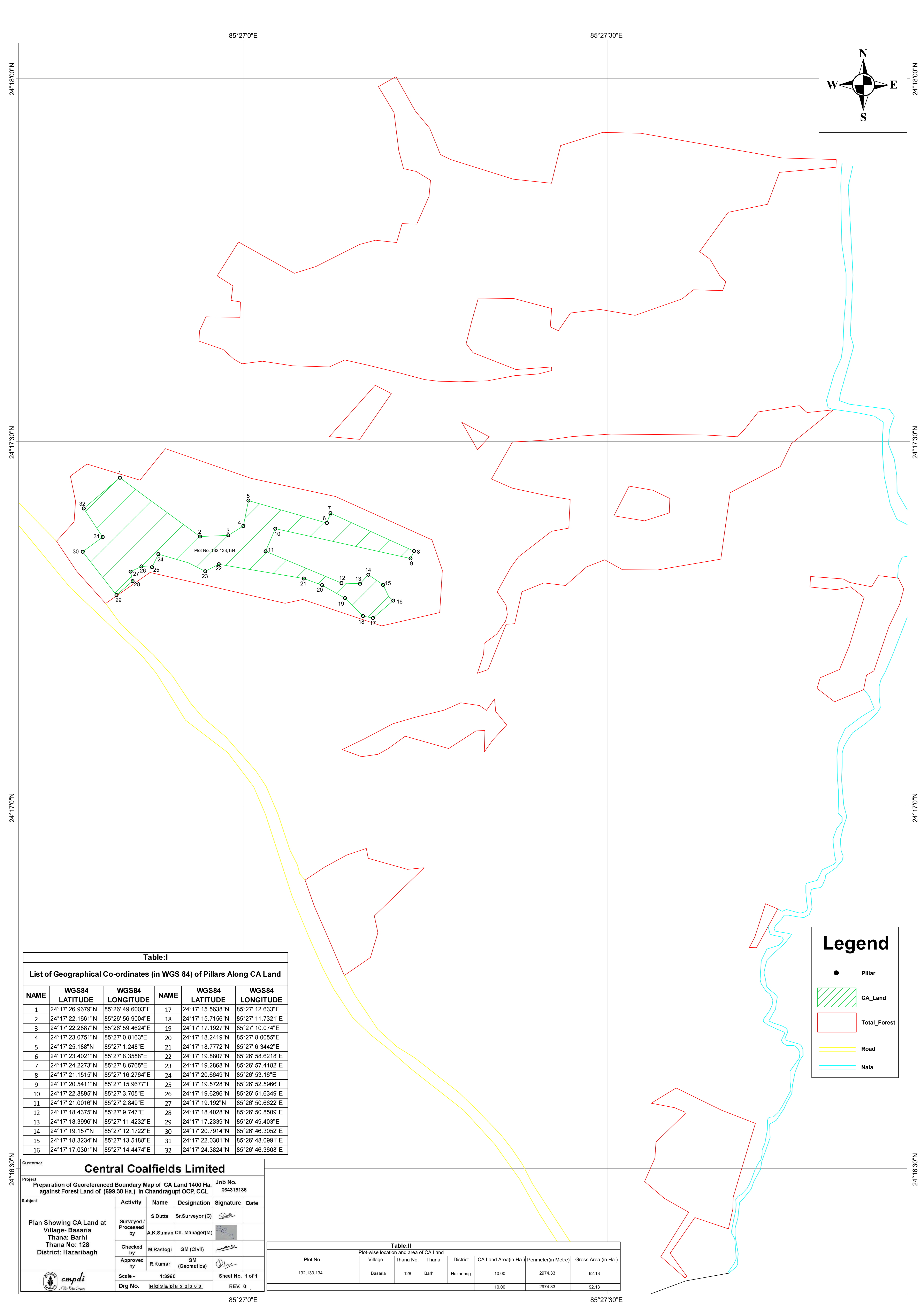








84°55'0"E

84°55'30"E

84°56'00"E

23°47'30"N

23°47'00"N

23°46'30"N

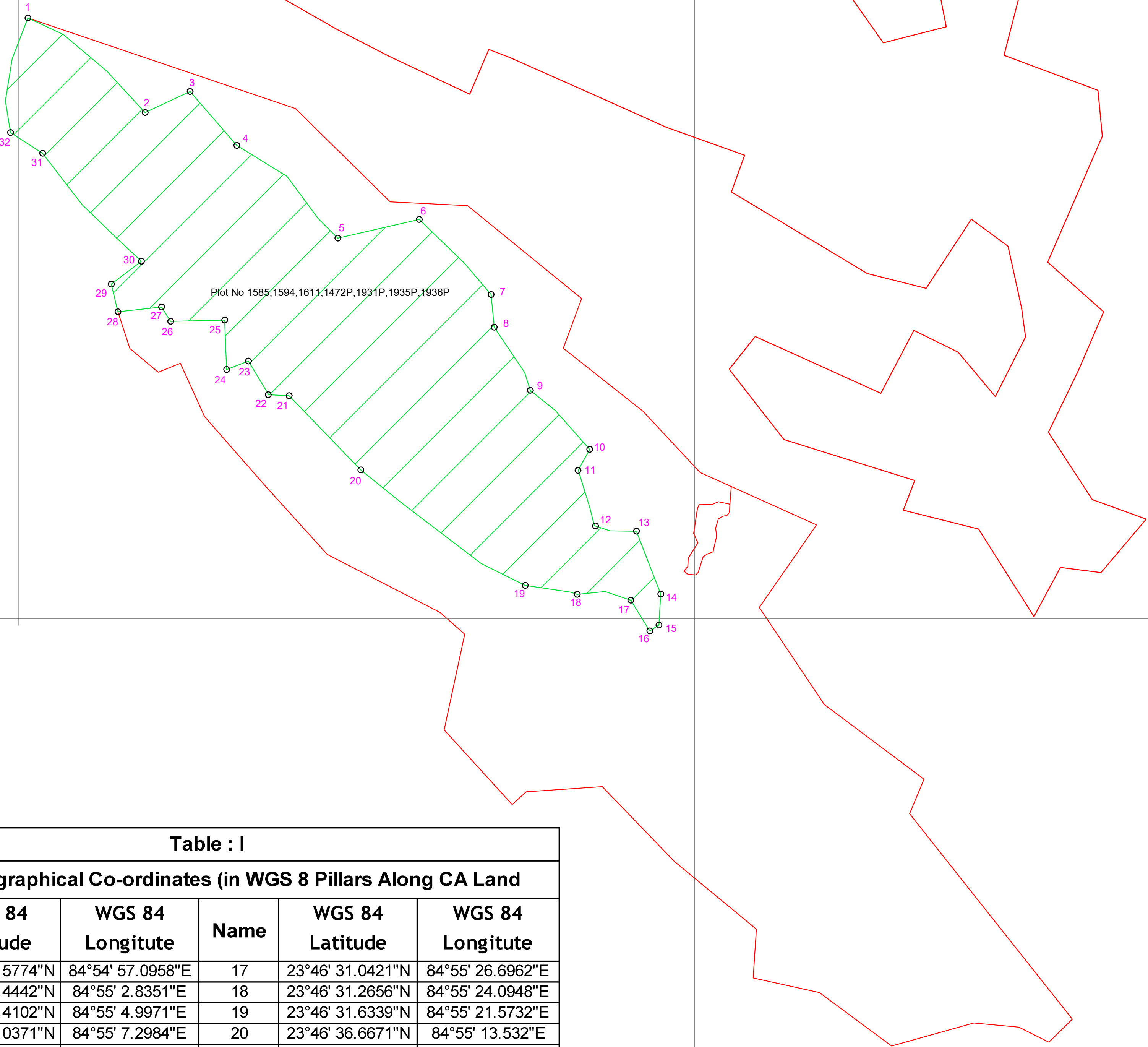
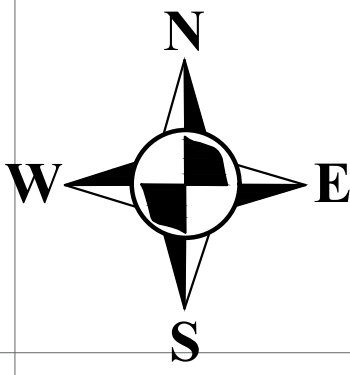
23°46'00"N

23°47'30"N

23°47'00"N

23°46'30"N

23°46'00"N



Legend

Pillar

CA_Land

Total_Forest

Table : I					
List of Geographical Co-ordinates (in WGS 84 Pillars Along CA Land					
Name	WGS 84 Latitude	WGS 84 Longitute	Name	WGS 84 Latitude	WGS 84 Longitute
1	23°46' 56.5774"N	84°54' 57.0958"E	17	23°46' 31.0421"N	84°55' 26.6962"E
2	23°46' 52.4442"N	84°55' 2.8351"E	18	23°46' 31.2656"N	84°55' 24.0948"E
3	23°46' 53.4102"N	84°55' 4.9971"E	19	23°46' 31.6339"N	84°55' 21.5732"E
4	23°46' 51.0371"N	84°55' 7.2984"E	20	23°46' 36.6671"N	84°55' 13.532"E
5	23°46' 46.9753"N	84°55' 12.2563"E	21	23°46' 39.9259"N	84°55' 10.0119"E
6	23°46' 47.8625"N	84°55' 16.1809"E	22	23°46' 39.9585"N	84°55' 8.9943"E
7	23°46' 44.5656"N	84°55' 19.7199"E	23	23°46' 41.4436"N	84°55' 8.0112"E
8	23°46' 43.1143"N	84°55' 19.889"E	24	23°46' 41.0514"N	84°55' 6.9651"E
9	23°46' 40.3226"N	84°55' 21.6819"E	25	23°46' 43.254"N	84°55' 6.8341"E
10	23°46' 37.7327"N	84°55' 24.5981"E	26	23°46' 43.1625"N	84°55' 4.2194"E
11	23°46' 36.7853"N	84°55' 24.0452"E	27	23°46' 43.7941"N	84°55' 3.7732"E
12	23°46' 34.3264"N	84°55' 24.928"E	28	23°46' 43.5505"N	84°55' 1.661"E
13	23°46' 34.1177"N	84°55' 26.9146"E	29	23°46' 44.7798"N	84°55' 1.3243"E
14	23°46' 31.3323"N	84°55' 28.1365"E	30	23°46' 45.8171"N	84°55' 2.7638"E
15	23°46' 29.9552"N	84°55' 28.075"E	31	23°46' 50.561"N	84°54' 57.904"E
16	23°46' 29.6854"N	84°55' 27.6343"E	32	23°46' 51.4639"N	84°54' 56.3384"E

Table:II							
Plot-wise location and area of CA Land							
Plot No.	Village	Thana No.	Thana	District	CA Land Area(in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
1585,1594,1611,1472P,1931P,1935P,1936P,1614,1615,1717,1880,1881,1912,1970,1998	Dahu	65	Tandwa	Chatra	23.80	2865.50	117.50
					23.80	2865.50	117.50

Customer

Central Coalfields Limited

Project

Preparation of Georeferenced Boundary Map of CA Land 1400 Ha. against Forest Land of (699.38 Ha.) in Chandragupt OCP, CCL

Job No.
064319138

Subject

Plan Showing CA Land at Village- Dahu Thana- Tandwa Thana- No. 65 District- Chatra

Activity	Name	Designation	Signature	Date
Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
	A.K.Suman	Ch. Manager(M)		
Checked by	M.Rastogi	GM (Civil)		
	R.Kumar	GM (Geomatics)		

cmpdi
A Bharat Ratna Company

Scale - 1:3960

Drq No. H Q I S & D N 2 2 1 0 6 0 A

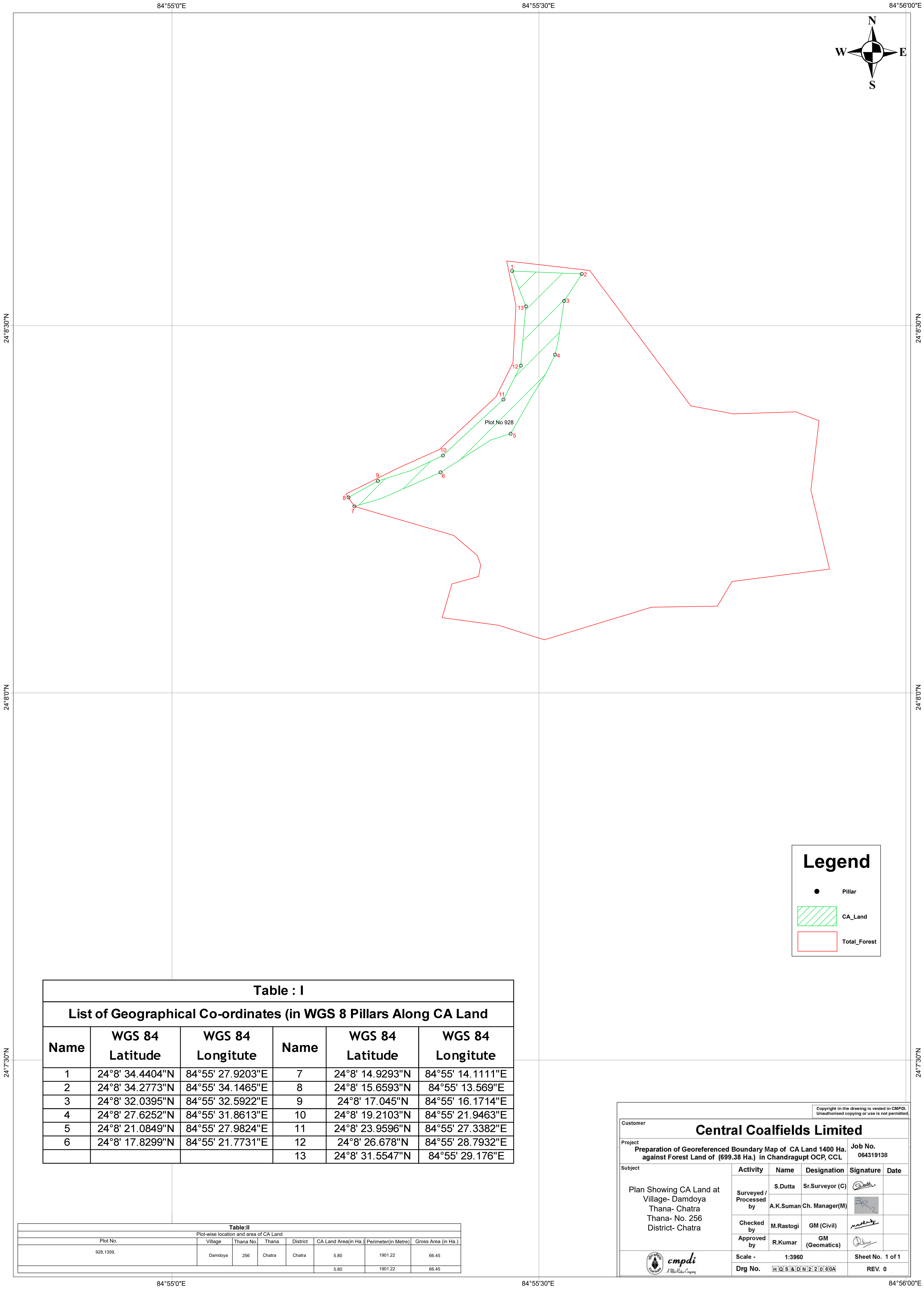
Sheet No. 1 of 1

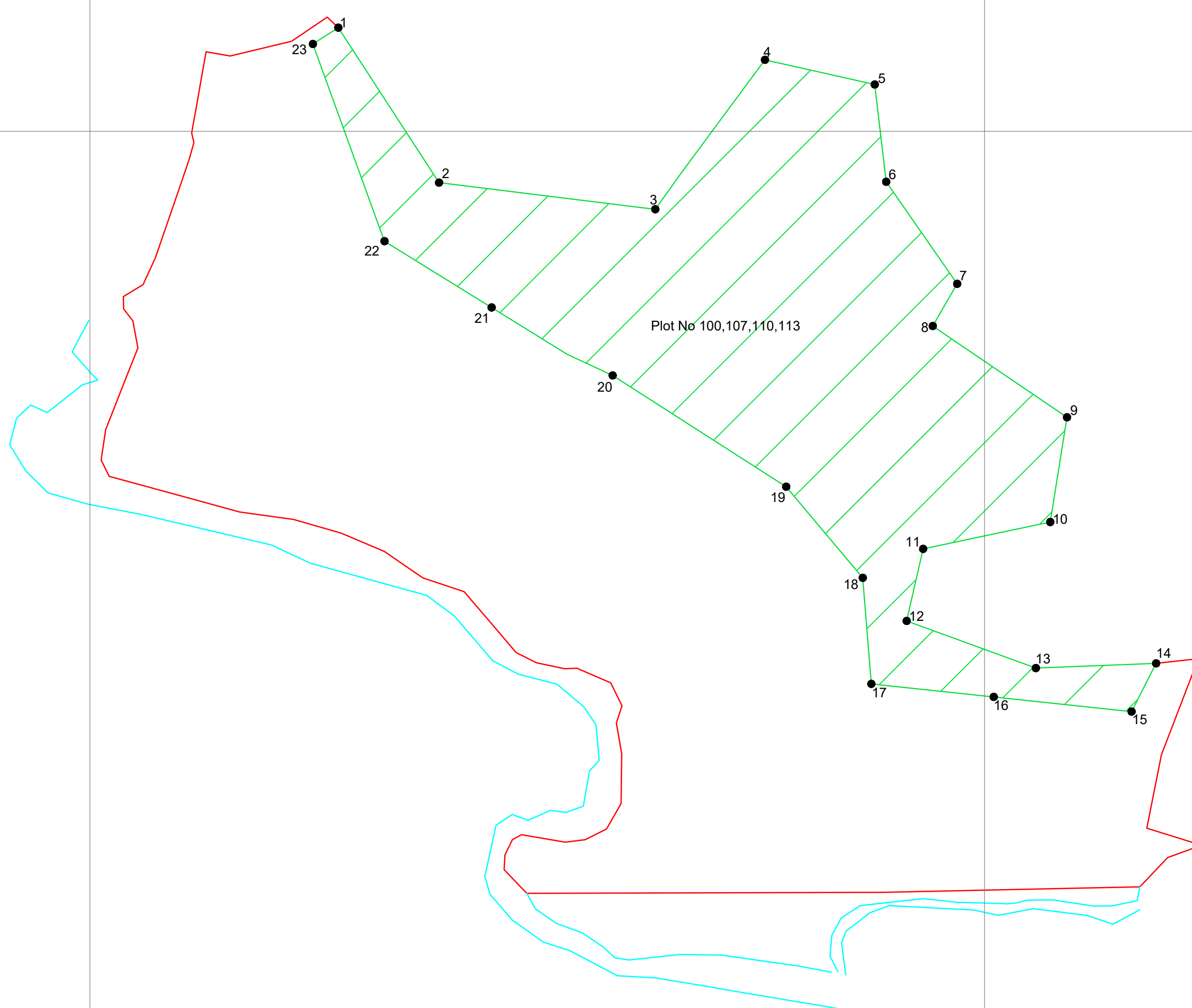
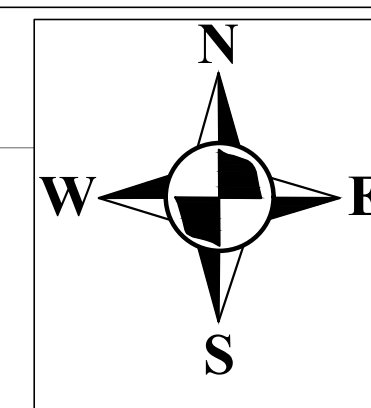
REV. 0

84°55'0"E

84°55'30"E

84°56'00"E





List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					
NAME	WGS84 LATITUDE	WGS84 LONGITUDE	NAME	WGS84 LATITUDE	WGS84 LONGITUDE
LABEL	LATITUDE	LONGITUDE			
1	24° 11' 33.11" N	85° 19' 06.89" E	12	24° 11' 13.38" N	85° 19' 28.00" E
2	24° 11' 27.94" N	85° 19' 10.65" E	13	24° 11' 11.84" N	85° 19' 32.76" E
3	24° 11' 27.13" N	85° 19' 18.60" E	14	24° 11' 12.05" N	85° 19' 37.16" E
4	24° 11' 32.20" N	85° 19' 22.56" E	15	24° 11' 10.42" N	85° 19' 36.29" E
5	24° 11' 31.41" N	85° 19' 26.59" E	16	24° 11' 10.86" N	85° 19' 31.22" E
6	24° 11' 28.15" N	85° 19' 27.05" E	17	24° 11' 11.25" N	85° 19' 26.73" E
7	24° 11' 24.74" N	85° 19' 29.70" E	18	24° 11' 14.81" N	85° 19' 26.37" E
8	24° 11' 23.31" N	85° 19' 28.83" E	19	24° 11' 17.84" N	85° 19' 23.52" E
9	24° 11' 20.29" N	85° 19' 33.79" E	20	24° 11' 21.52" N	85° 19' 17.11" E
10	24° 11' 16.76" N	85° 19' 33.22" E	21	24° 11' 23.76" N	85° 19' 12.64" E
11	24° 11' 15.81" N	85° 19' 28.57" E	22	24° 11' 25.94" N	85° 19' 08.68" E
			23	24° 11' 32.55" N	85° 19' 05.97" E

Plot-wise location and area of CA Land							
Plot No.	Village	Thana No.	Thana	District	CA Land Area(in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
100,107,110,113	Mungarmao	25	Barhi	Hazaribag	19.91	3058.07	54.80
					19.91	3058.07	54.80

Customer

Central Coalfields Limited

Project

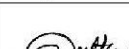
Preparation of Georeferenced Boundary Map of CA Land 1400 Ha.
against Forest Land of (699.38 Ha.) in Chandragpur OCP, CCL

Job No.

064319138

Subject

Plan Showing CA Land at
Village- Mungarmao
Thana: Barhi
Thana No: 25
District: Hazaribagh

Activity	Name	Designation	Signature	Date
Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
	A.K.Suman	Ch. Manager(M)		
Checked by Approved by	M.Rastogi	GM (Civil)		
	R.Kumar	GM (Geomatics)		

cmpdi
A Birla Group Company

Scale - 1:3960

Sheet No. 1 of 1

Drg No.

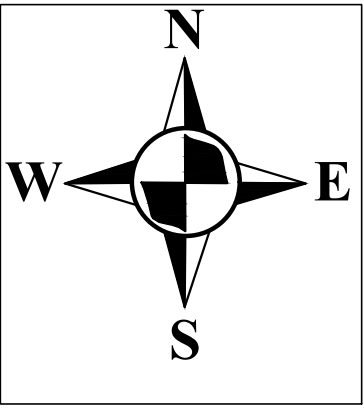
H Q S D N 2 2 2 0 6 0 A

REV. 0

85°25'0"E

85°25'30"E

85°26'0"E



Plot No 3,220,1061

Plot No 219,220,230,242,475

Plot No 143,194

Legend

- Pillar
- CA_Land
- Total_Forest

Table:I

List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land

NAME	WGS84 LATITUDE	WGS84 LONGITUDE	NAME	WGS84 LATITUDE	WGS84 LONGITUDE
1	24°16'14.69"N	85°25'4.49"E	14	24° 15' 47.38" N	85° 25' 17.07" E
2	24° 16' 14.55" N	85° 25' 05.12" E	15	24° 15' 46.72" N	85° 25' 13.55" E
3	24° 16' 11.74" N	85° 25' 05.38" E	16	24° 15' 47.98" N	85° 25' 02.64" E
4	24° 16' 08.52" N	85° 25' 09.62" E	17	24° 15' 49.90" N	85° 24' 59.69" E
5	24° 16' 07.58" N	85° 25' 14.52" E	18	24° 15' 50.69" N	85° 25' 02.13" E
6	24° 16' 06.69" N	85° 25' 17.78" E	19	24° 15' 55.97" N	85° 25' 03.53" E
7	24° 16' 01.46" N	85° 25' 18.85" E	20	24° 15' 56.90" N	85° 24' 56.24" E
8	24° 15' 56.72" N	85° 25' 19.37" E	21	24° 15' 54.76" N	85° 24' 54.82" E
9	24° 15' 54.76" N	85° 25' 18.72" E	22	24° 15' 57.09" N	85° 24' 54.46" E
10	24°15'55.39"N	85°25'16.79"E	23	24° 15' 59.35" N	85° 24' 55.33" E
11	24° 15' 55.87" N	85° 25' 14.54" E	24	24° 16' 01.29" N	85° 24' 55.13" E
12	24° 15' 51.88" N	85° 25' 12.15" E	25	24° 16' 05.96" N	85° 24' 57.85" E
13	24° 15' 49.99" N	85° 25' 15.84" E	26	24° 16' 08.63" N	85° 25' 01.73" E

Table:II

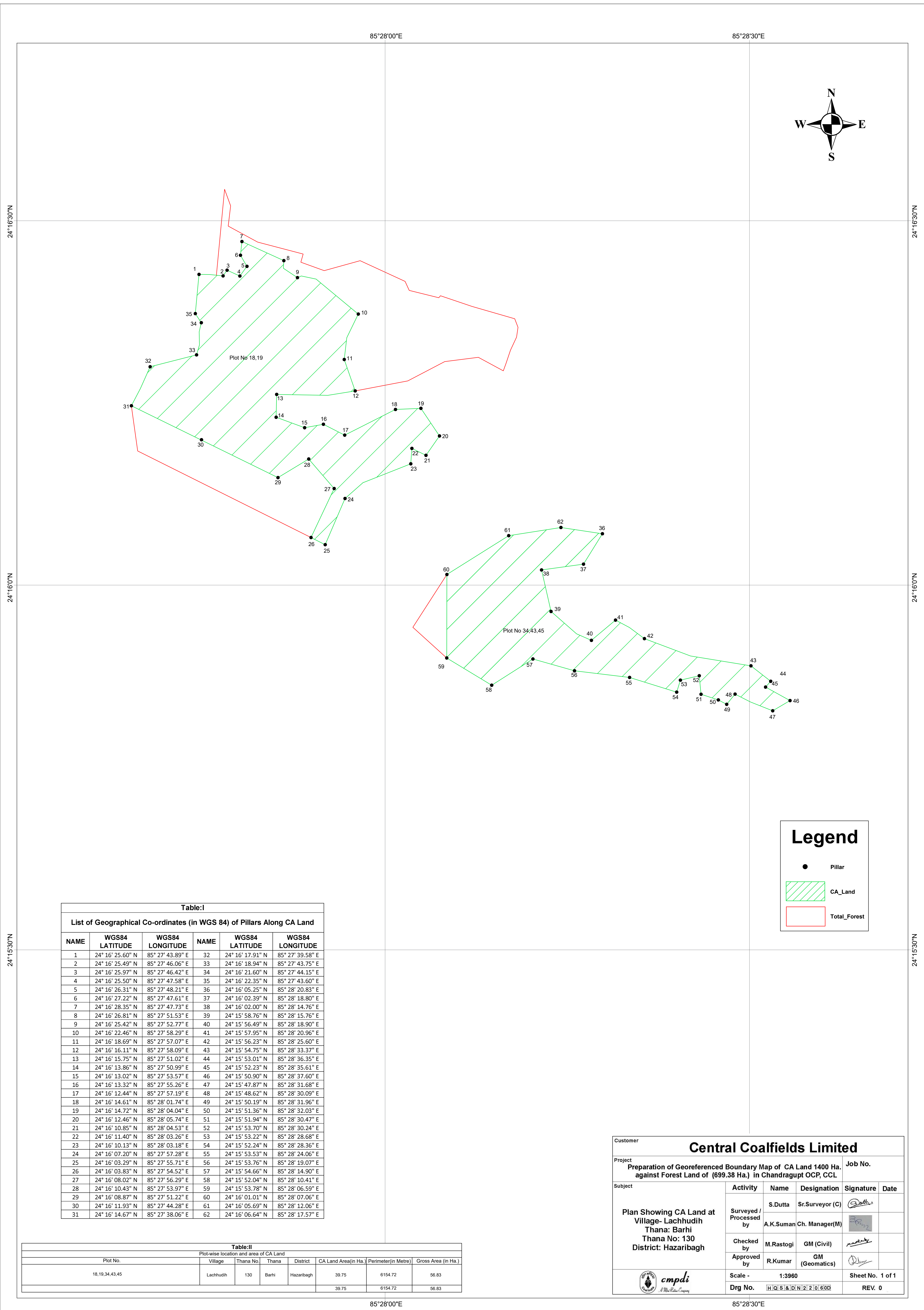
Plot-wise location and area of CA Land						
Plot No.	Village	Thana No.	Thana	District	CA Land Area(In Ha.)	Gross Area (in Ha.)
3 , 194 , 136 , 140 , 143 , 219 , 220 , 222 , 230 , 242, 265,475,1061	Jarahia	59	Barahi	Hazaribag	34.00	102.42
					34.00	102.42

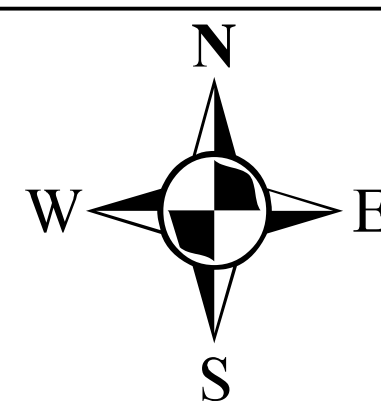
85°25'0"E

85°25'30"E

85°26'0"E

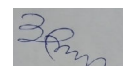
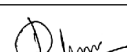
Customer					
Central Coalfields Limited					
Project Preparation of Georeferenced Boundary Map of CA Land 1400 Ha. against Forest Land of (699.38 Ha.) in Chandragupt OCP, CCL					Job No.
Subject	Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Jarahia Thana: Barhi Thana No: 59 District: Hazaribagh	Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
	Checked by	A.K.Suman	Ch. Manager(M)		
	Approved by	M.Rastogi	GM (Civil)		
		R.Kumar	GM (Geomatics)		
Scale -		1:3960		Sheet No. 1 of 1	
Drg No.		H.Q.S.&D.N 2 2 0 6 08		REV. 0	





Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
C1	24° 14' 27.93" N	85° 41' 21.72" E	C24	24° 13' 49.091" N	85° 41' 42.73" E
C2	24° 14' 54.84" N	85° 41' 54.33" E	C25	24° 13' 45.146" N	85° 41' 40.784" E
C3	24° 13' 54.782" N	85° 41' 50.786" E	C26	24° 13' 45.981" N	85° 41' 39.020" E
C4	24° 13' 57.218" N	85° 41' 52.443" E	C27	24° 13' 46.982" N	85° 41' 35.947" E
C5	24° 13' 58.481" N	85° 41' 52.861" E	C28	24° 13' 47.600" N	85° 41' 34.749" E
C6	24° 13' 58.685" N	85° 41' 52.165" E	C29	24° 13' 50.757" N	85° 41' 32.916" E
C7	24° 13' 57.486" N	85° 41' 50.762" E	C30	24° 13' 51.545" N	85° 41' 33.345" E
C8	24° 13' 56.061" N	85° 41' 49.606" E	C31	24° 13' 52.988" N	85° 41' 33.002" E
C9	24° 13' 54.852" N	85° 41' 46.955" E	C32	24° 13' 56.753" N	85° 41' 35.242" E
C10	24° 13' 56.083" N	85° 41' 45.955" E	C33	24° 13' 58.937" N	85° 41' 36.051" E
C11	24° 13' 58.246" N	85° 41' 46.704" E	C34	24° 14' 1.649" N	85° 41' 37.319" E
C12	24° 14' 1.073" N	85° 41' 46.726" E	C35	24° 14' 4.621" N	85° 41' 36.110" E
C13	24° 14' 3.503" N	85° 41' 46.319" E	C36	24° 14' 0.335" N	85° 41' 33.901" E
C14	24° 14' 3.750" N	85° 41' 45.366" E	C37	24° 13' 55.720" N	85° 41' 32.095" E
C15	24° 14' 1.715" N	85° 41' 45.419" E	C38	24° 13' 54.836" N	85° 41' 31.010" E
C16	24° 13' 59.027" N	85° 41' 44.456" E	C39	24° 13' 56.252" N	85° 41' 30.145" E
C17	24° 13' 57.218" N	85° 41' 44.295" E	C40	24° 13' 57.644" N	85° 41' 30.145" E
C18	24° 13' 55.419" N	85° 41' 44.670" E	C41	24° 14' 1.124" N	85° 41' 27.993" E
C19	24° 13' 53.824" N	85° 41' 44.156" E	C42	24° 14' 2.270" N	85° 41' 28.121" E
C20	24° 13' 52.571" N	85° 41' 47.004" E	C43	24° 14' 3.308" N	85° 41' 25.980" E
C21	24° 13' 50.044" N	85° 41' 45.623" E	C44	24° 14' 7.441" N	85° 41' 24.010" E
C22	24° 13' 49.755" N	85° 41' 46.972" E	C45	24° 14' 10.322" N	85° 41' 23.324" E
C23	24° 13' 48.491" N	85° 41' 43.932" E			

Plot-wise location and area of CA Land							
Plot No.	Village	Thana No.	Thana	District	CA LandArea (in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
131, 133, 134, 139	Chandgarh	56	Barkatta	Hazaribagh	64.70	5420.97	64.88
					64.70	5420.97	64.88

Customer					
Central Coalfields Limited					
Project Preparation of Georeferenced Boundary Map of CA Land 1400 Ha. against Forest Land of (699.38 Ha.) in Chandragupt OCOP, CCL					Job No.
Subject Plan Showing CA Land at Village- Chandgarh Thana: Barkatta Thana No: 56 District: Hazaribagh	Activity	Name	Designation	Signature	Date
	Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
		A.K.Suman	Ch. Manager(M)		
	Checked by	M.Rastogi	GM (Civil)		
	Approved by	R.Kumar	GM (Geomatics)		
Scale -		1:3960		Sheet No. 1 of 1	
Drg No.		H Q S & D N 2 2 0 6 OF		REV. 0	

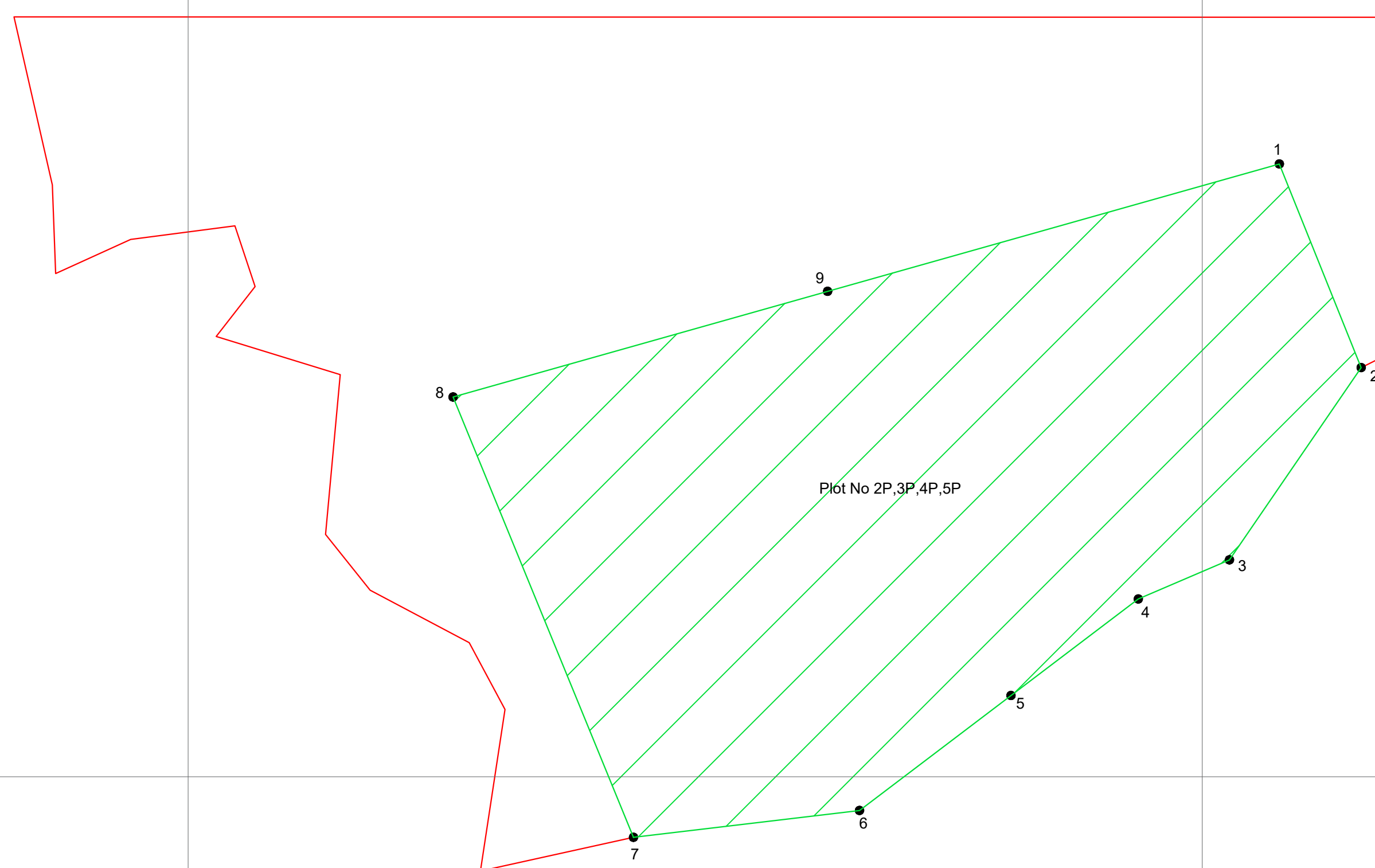
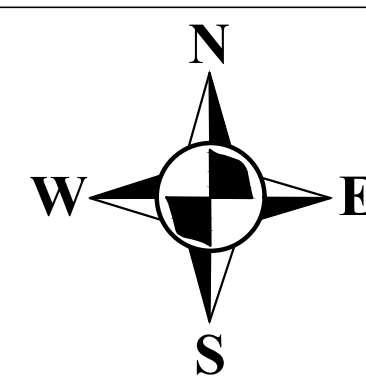
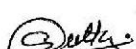
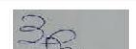


Table:I		
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land		
NAME	WGS84 LATITUDE	WGS84 LONGITUDE
1	24° 13' 18.01" N	85° 03' 2.56" E
2	24° 13' 12.03" N	85° 03' 05.31" E
3	24° 13' 06.27" N	85° 03' 01.14" E
4	24° 13' 05.07" N	85° 02' 58.20" E
5	24° 13' 02.15" N	85° 02' 54.13" E
6	24° 12' 58.67" N	85° 02' 49.27" E
7	24° 12' 57.78" N	85° 02' 41.97" E
8	24° 13' 10.77" N	85° 02' 35.96" E
9	24° 13' 14.59" N	85° 02' 49.92" E

Plot-wise location and area of CA Land							
Plot No.	Village	Thana No.	Thana	District	CA Land Area(in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
2P,3P,4P,5P	Sinduari Khurd	13	Gidhor	Chatra	29.65	1914.28	65.27
					29.65	1914.28	65.27

Customer	Central Coalfields Limited				
Project	Preparation of Georeferenced Boundary Map of CA Land 1400 Ha. against Forest Land of (699.38 Ha.) in Chandragrupt OCP, CCL				Job No.
Subject	Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Sinduri Khurd Thana: Gidhaur Thana No: 13 District: Chatra	Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
		A.K.Suman	Ch. Manager(M)		
	Checked by	M.Rastogi	GM (Civil)		
	Approved by	R.Kumar	GM (Geomatics)		
 cmpdi <i>A Wipro Rabin Company</i>	Scale -	1:3960		Sheet No. 1 of 1	
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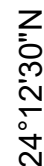
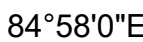
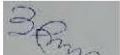
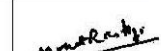
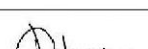
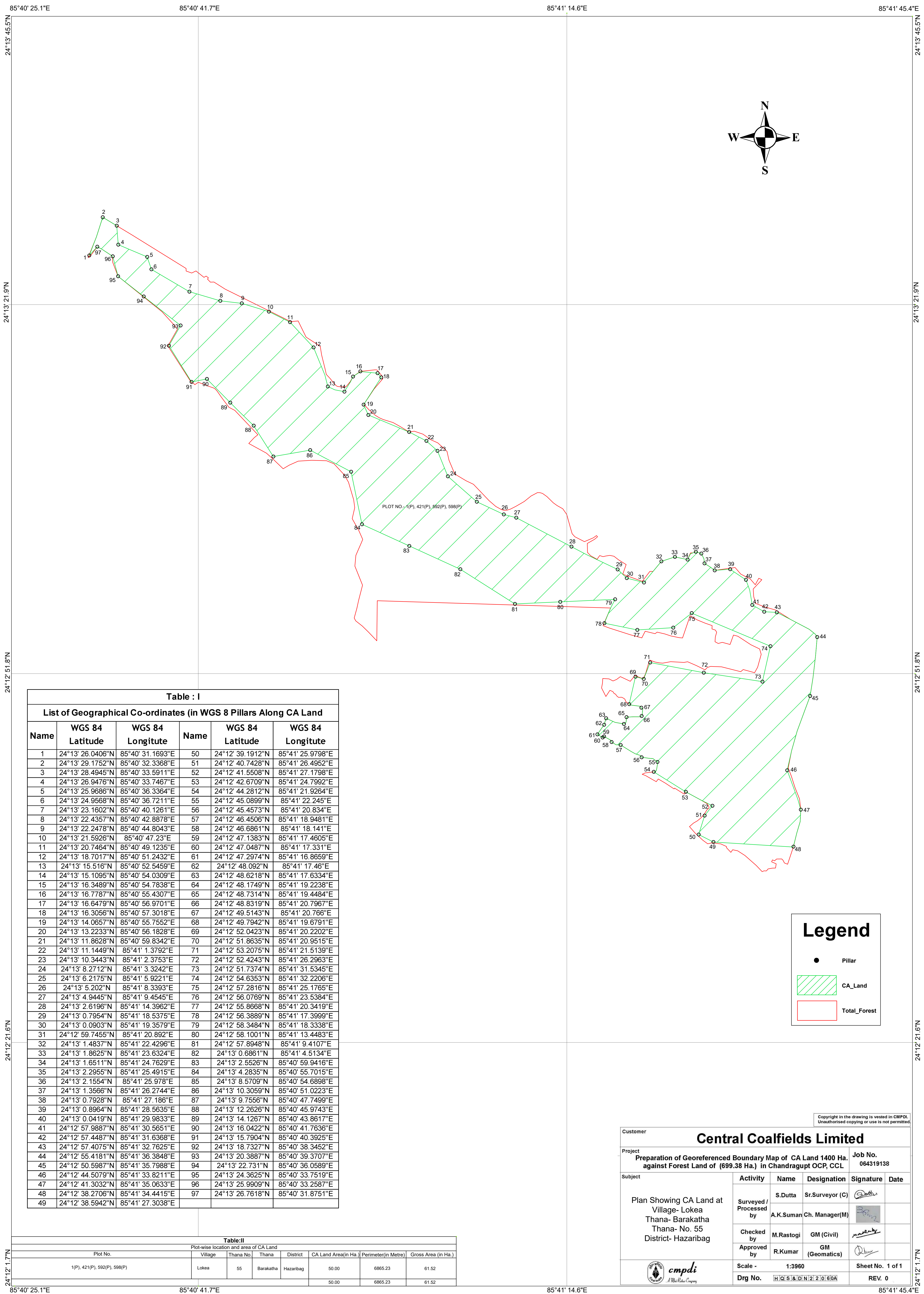
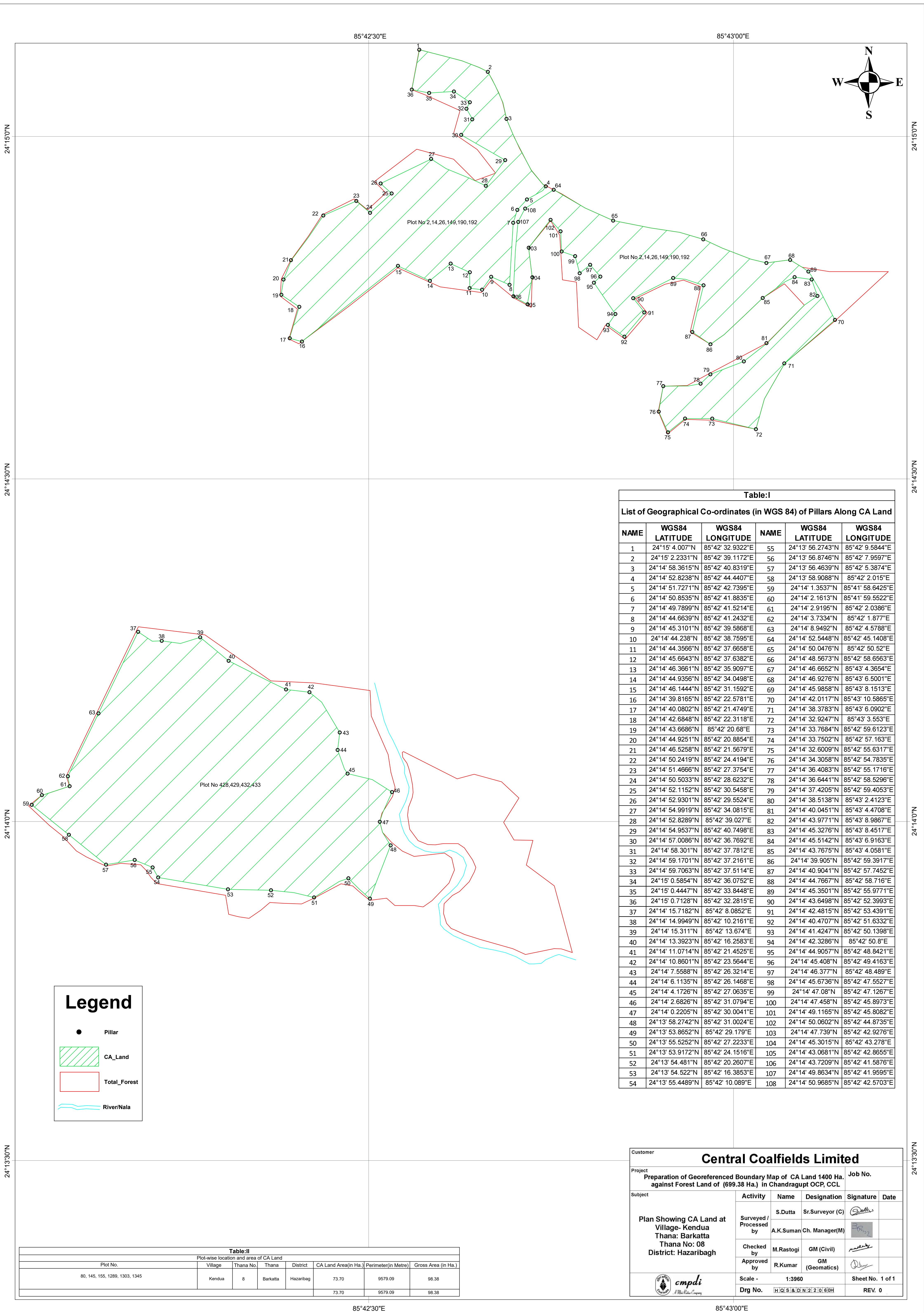


Table:II							
Plot-wise location and area of CA Land							
Plot No.	Village	Thana No.	Thana	District	CA Land Area(in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
1P	UNTA	141	CHATRA	CHATRA	49.99	2919.68	77.95
					49.99	2919.68	77.95

Customer		Central Coalfields Limited				
Project		Preparation of Georeferenced Boundary Map of CA Land 1400 Ha. against Forest Land of (699.38 Ha.) in Chandragupit OCP, CCL			Job No.	
Subject		Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Unta Thana: Chatra Thana No: 141 District: Chatra		Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
			A.K.Suman	Ch. Manager(M)		
		Checked by	M.Rastogi	GM (Civil)		
		Approved by	R.Kumar	GM (Geomatics)		
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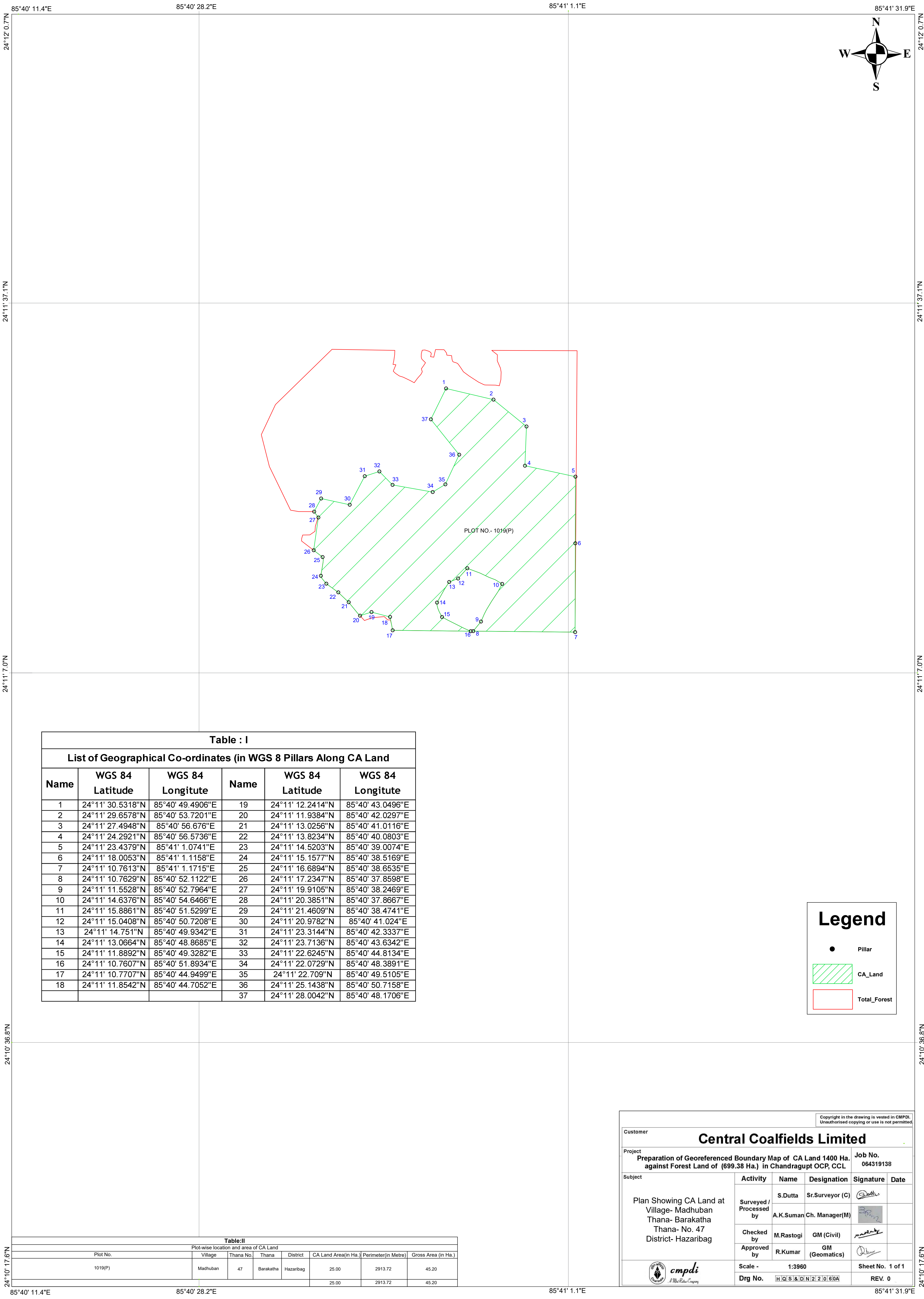
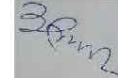
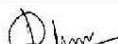


Table : I					
List of Geographical Co-ordinates (in WGS 84 Pillars Along CA Land					
Name	WGS 84 Latitude	WGS 84 Longitude	Name	WGS 84 Latitude	WGS 84 Longitude
1	24°11' 30.5318"N	85°40' 49.4906"E	19	24°11' 12.2414"N	85°40' 43.0496"E
2	24°11' 29.6578"N	85°40' 53.7201"E	20	24°11' 11.9384"N	85°40' 42.0297"E
3	24°11' 27.4948"N	85°40' 56.676"E	21	24°11' 13.0256"N	85°40' 41.0116"E
4	24°11' 24.2921"N	85°40' 56.5736"E	22	24°11' 13.8234"N	85°40' 40.0803"E
5	24°11' 23.4379"N	85°41' 1.0741"E	23	24°11' 14.5203"N	85°40' 39.0074"E
6	24°11' 18.0053"N	85°41' 1.1158"E	24	24°11' 15.1577"N	85°40' 38.5169"E
7	24°11' 10.7613"N	85°41' 1.1715"E	25	24°11' 16.6894"N	85°40' 38.6535"E
8	24°11' 10.7629"N	85°40' 52.1122"E	26	24°11' 17.2347"N	85°40' 37.8598"E
9	24°11' 11.5528"N	85°40' 52.7964"E	27	24°11' 19.9105"N	85°40' 38.2469"E
10	24°11' 14.6379"N	85°40' 54.6466"E	28	24°11' 20.3851"N	85°40' 37.8667"E
11	24°11' 15.8861"N	85°40' 51.5299"E	29	24°11' 21.4609"N	85°40' 38.4741"E
12	24°11' 15.0408"N	85°40' 50.7208"E	30	24°11' 20.9782"N	85°40' 41.0224"E
13	24°11' 14.751"N	85°40' 49.9342"E	31	24°11' 23.3144"N	85°40' 42.3337"E
14	24°11' 13.0664"N	85°40' 48.8685"E	32	24°11' 23.7136"N	85°40' 43.6342"E
15	24°11' 11.8892"N	85°40' 49.3282"E	33	24°11' 22.6245"N	85°40' 44.8134"E
16	24°11' 10.7607"N	85°40' 51.8934"E	34	24°11' 22.0729"N	85°40' 48.3891"E
17	24°11' 10.7707"N	85°40' 44.9499"E	35	24°11' 22.709"N	85°40' 49.5105"E
18	24°11' 11.8542"N	85°40' 44.7052"E	36	24°11' 25.1438"N	85°40' 50.7158"E
			37	24°11' 28.0042"N	85°40' 48.1706"E

Plot-wise location and area of CA Land							
Plot No.	Village	Thana No.	Thana	District	CA Land Area(in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
1019(P)	Madhuban	47	Barakatha	Hazaribag	25.00	2913.72	45.20
					25.00	2913.72	45.20

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Project	Preparation of Georeferenced Boundary Map of CA Land 1400 Ha. against Forest Land of (699.38 Ha.) in Chandragupt OCP, CCL			Job No. 064319138	
Subject	Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Madhuban Thana- Barakatha Thana- No. 47 District- Hazaribag	Surveyed / Processed by	S.Dutta	Sr.Surveyor (C)		
		A.K.Suman	Ch. Manager(M)		
	Checked by	M.Rastogi	GM (Civil)		
	Approved by	R.Kumar	GM (Geomatics)		
Scale -		1:3960		Sheet No. 1 of 1	
Drg No.		HQS&D\N2\2060A		REV. 0	

