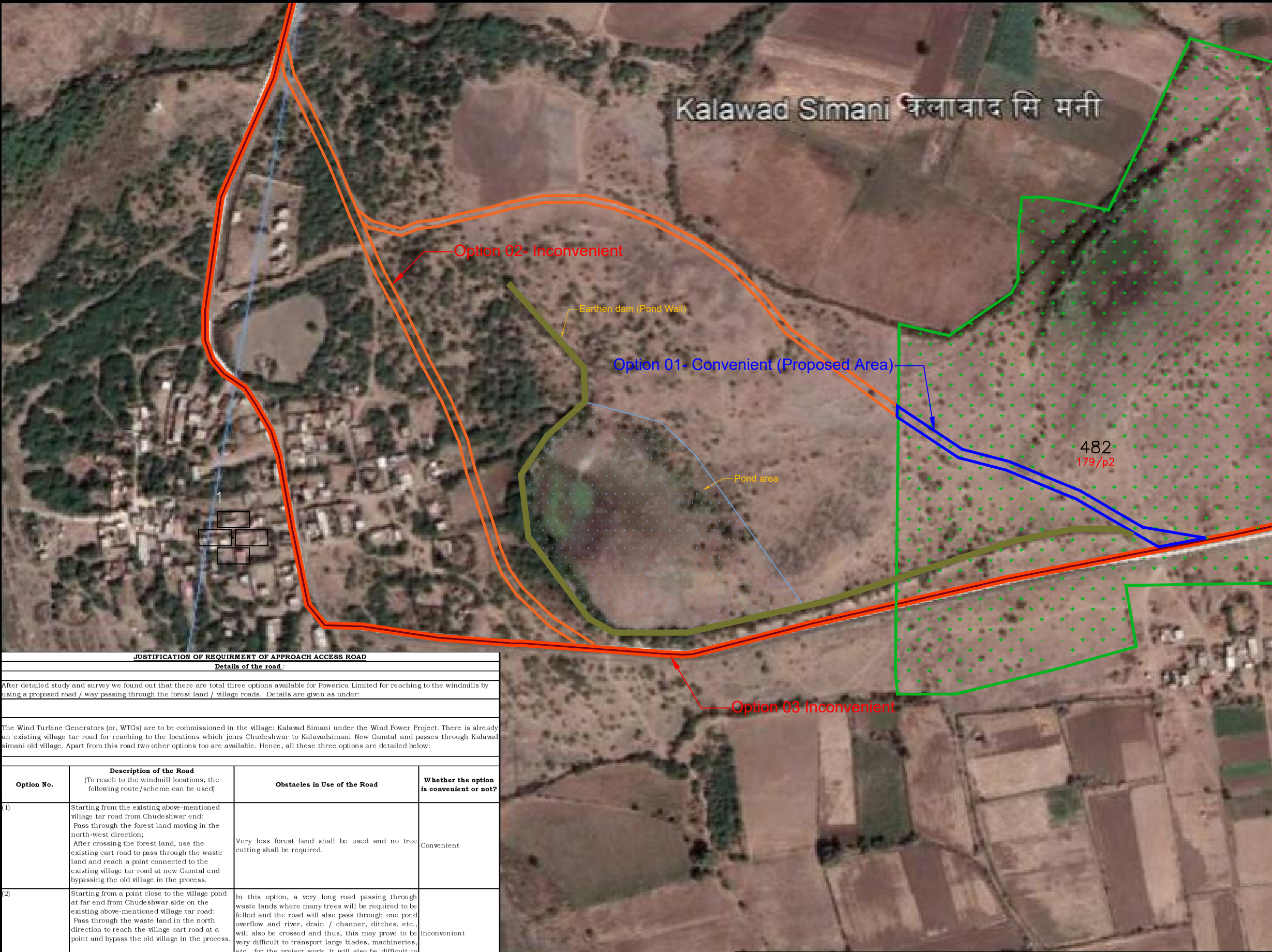


FOREST APPLICATION MAP FOR PROPOSE ROAD AREA 0.24 Ha.
VILLAG-KALAVAD SHIMANI, TALUKA-KHAMBHALIYA, DIST:-DEVBHUMI DWARKA.



JUSTIFICATION OF REQUIRMENT OF APPROACH ACCESS ROAD			
Details of the road :			
After detailed study and survey we found out that there are total three options available for Powerica Limited for reaching to the windmills by using a proposed road / way passing through the forest land / village roads. Details are given as under:			
The Wind Turbine Generators (or, WTGs) are to be commissioned in the village: Kalavad Simani under the Wind Power Project. There is already an existing village tar road for reaching to the locations which joins Chudeshwar to Kalavadsimani New Gantal and passes through Kalavad Simani old village. Apart from this road two other options too are available. Hence, all these three options are detailed below:			
Option No.	Description of the Road (To reach to the windmill locations, the following route/scheme can be used)	Obstacles in Use of the Road	Whether the option is convenient or not?
(1)	Starting from the existing above-mentioned village tar road from Chudeshwar end: Pass through the forest land moving in the north-west direction; After crossing the forest land, use the existing cart road to pass through the waste land and reach a point connected to the existing village tar road at new Gantal end bypassing the old village in the process.	Very less forest land shall be used and no tree cutting shall be required.	Convenient
(2)	Starting from a point close to the village pond at far end from Chudeshwar side on the existing above-mentioned village tar road: Pass through the waste land in the north direction to reach the village cart road at a point and bypass the old village in the process.	In this option, a very long road passing through waste lands where many trees will be required to be felled and the road will also pass through one pond overflow and river, drain / channer, ditches, etc., will also be crossed and thus, this may prove to be very difficult to transport large blades, machineries, etc., for the project work. It will also be difficult to reach the locations during emergency maintenance and scheduled maintenance.	Inconvenient
(3)	Starting from the existing above-mentioned village tar road from Chudeshwar end: Use the existing village tar road going towards Kalavad Simani new gantal village in the north direction of the above said village tar road crossing the old village; Use roads in Kalavad simani old village,	The roads in Kalavad simani village will have to be used which roads are quite narrow to carry wind turbine blades and other machineries and not suitable for even during maintenance due being too narrow which will cause big problems.	Inconvenient.
Request: Reviewing the above three options, it can be seen that only option no. 1 is convenient and feasible in which a very small forest land area will be used. The option no. (2) & (3) are not at all feasible and hence, permission for roads in option no. (1) Will be considered & granted.			

L E G E N D S		NAME OF APPLICANT:-		DRAWING TITLE :-	
ROAD (8 MTR. WIDTH)		POWERICA LIMITED		FOREST APPLICATION DRAWING	
FOREST AREA		VILLAGE	KALAVAD SHIMANI		Drg.Name :- JUSTIFICATION OF REQUIREMENT MAP
ROAD TURNING		TALUKA	KHAMBHALIYA	Drawing No. :- Sheet-1	Date 04/08/2021
NON FOREST AREA - ROAD		DISTRICT	DEVBHUMI DWARKA	Scale :- 1 : 3	Drawing V K
VILLAGE TAR ROAD		STATE	GUJARAT		Site
PLOT BOUNDARY WITH NEW SURVEY NO.				CHARBARA PROJECT (POWERICA)	Checked A G
PLOT BOUNDARY WITH OLD SURVEY NO.					Approved V G