

Parking Plan:

The site is an existing petrol station with car repair facility. Now it is proposed to be converted as a Convenience store .

The future customers who will visit the shop will be for the purchase of fuel and do some shopping.

This is an existing site and the space is confined.

Various options of parking facility are tried :

- 1) Option -1 – 7 parking spaces could be provided, but some cars will have shorter reversing distance.
- 2) Option -2 – only 4 parking space could be provided
- 3) Option -3 – 5 parking spaces could be achieved (preferred option)
- 4) Option -4 - 45 degree, only 5 parking spaces can be achieved

To facilitate the customers, five parking spaces are provided meeting highway standards and additionally two cars can be parked at the pump islands, totalling 7 parking spaces at any one time.

Analysing at the time scale of the customers visiting the site, the fuel customers who have fuel alone will park for maximum 5 minutes, to have fuel and pay for it. They will park only in the pump islands. However, the general shoppers could park for maximum 10 minutes to complete the shopping. This is not a supermarket which will requires more parking time for customers.

Since, Holbeach is a village and the site is a small fuel station with two pump islands, the flow of customers will be steady and minimal.

Hence the provision of 5 parking facility and 2 at the pumps, totalling 7 parking spaces at any one time would be sufficient to fulfil the customers parking needs even at peak hours.