

Re: Further Information Request

Planning Reference Number 2360068 RE: PERMISSION FOR RETENTION for 2 number Holiday chalets for short term rental, 2 number aerated sewerage treatment systems pumped to existing tertiary distribution field, Hot tub, access roadways and all ancillary works at Cornode, Portroe, Nenagh, County Tipperary

Response to

6.1 Road Design & Visibility at a Direct Access

Planning application at Cornode, Portroe, Nenagh, County Tipperary

Applicant: Colm Quigley

- 80 kph Mandatory Speed limit applies to this carriageway
- Sightlines cannot be achieved and are restricted to minimal distances by neighbouring property boundaries and the narrow vergeless nature of the laneway
- Average Carriageway width <3.0m

Table 6.2: Design Speeds and associated Y-Distances

Mandatory Speed Limit	Design Speed (operational Speed)	Rural Non-National Road	Urban Non-National Road
km/h	km/h	Y-Distance (m)	Y-Distance (m)
30	40	N/A	33
40	50	70	45
50	60	90	59
60	70	120	72
80	85	160	N/A
100	100	215	N/A

While the Mandatory Speed limit is 80 km/h the operational speed is measured at < km/h due to the narrow single carriageway and the poor condition of said road. Sightlines are deemed not applicable based on the requirements set out in table 6.2 above for a rural non national road where operational speeds do not exceed 40km/h.

Y- Distance required in Table 4 based on **Mandatory Speed** limit:

Y- Distance available from proposed entrance (as measured): Left 3 (m) Right 5 (m)

If a lower **Operational Speed** is proposed to be used in lieu of the **Mandatory Speed** please complete the table below.

Speed Measurement over a distance of 1000m (500m either side of proposed entrance).

	Approach From Left Direction (secs)	Approach From Right Direction 2 (secs)
Run 1	128	124
Run 2	124	120
Run 3	125	121
Average Time for runs	125.6	121.6
Speed (m/s)	7.96	8.19
Operational Speed (km/h) (to convert m/s to km/h multiply by 3.6)	28.66	29.48

Date of Survey 13/12/2023 Time of Survey 9 AM

Y- Distance corresponding to Operational Speed (taken from Table 4 above):

Left N/A (m) Right N/A (m)

Note: The minimum Y-Distance on a Rural Non-National Road shall be 70m, corresponding to an Operational Speed of 50km/h.

Justification for use of a lower speed:

The operational safe speed on this road has been measured at < 30km/h. The road is a single carriage way with blind bends and significant undulation resulting in hidden dips. Traffic is light and slow moving. Carriageway width < 3m

Survey completed by:

[Signature]

MARTIN SHINNERS ARCHITECT.

Guidance Note:

The Y-Distance will, by default, be that corresponding to the Mandatory Speed limit for that road, ie National Roads generally have a speed limit of 100km/h, Regional and Local Roads generally have a speed limit of 80km/h. Only in exceptional circumstances may a lower speed be proposed to determine the Y-Distance. The use of a lower speed must be justified by the Applicant in the Planning Application. The sightlines should always be indicated on the drawings accompanying the Application. This should include the sightline corresponding to the Mandatory Speed limit as well as any proposed sightline, if different. These should be indicated in different colours for clarity, with the distances indicated on the drawing.

When carrying out a speed survey, the driver should drive normally within the traffic flow or at a comfortable speed for the road geometry. Driving at an inappropriately slow speed for the purpose of reducing the Y-Distance will not be accepted.

Tipperary County Council shall determine whether the appropriate speed and sight distance has been used for each planning application.