

Our Ref: 784-B028044

Mr G Beattie
Alpha Design

By email

Date: 24 March 2021

Dear Glen

SCALEGILL ROAD, MOOR ROW – ACCESS ADVICE

As requested, we have completed our review of the proposed access to serve a proposed residential redevelopment of up to 25 homes on land at Scalegill Road, Moor Row.

The site is located to the north of Scalegill Road which joins the town of Moor Row to the A595. In the vicinity of the site, Scalegill Road has a carriageway width of 6.2m and a footway 1.8m wide on the northern side and 1.6m wide on the southern side. The road is street-lit and is subject to a 30mph speed limit. In August 2020 a series of speed humps were installed at intervals of 80m which replaced the rumble strips. Speed humps at these intervals are expected to reduce vehicle speeds to 30mph or less.

The proposals are for a residential development of up to 25 homes to be served via a new access junction from Scalegill Road. The access road is designed in accordance with the Cumbria Development Design Guide with a 5.5m wide carriageway, 1.8m wide footways on both sides, and 6. kerb radii. There is an existing speed hump located on Scalegill Road at the site of the proposed access. It is proposed to replace with speed hump with a raised speed table at the proposed junction to maintain the spacing of traffic calming features. The proposed speed table will serve to further reduce speeds as vehicles approaching the junction have to traverse the speed table ramps.

Given the presence of effective traffic calming features, and the proposed speed table, it is considered appropriate to base the junction visibility on the Manual for Streets visibility splays for speeds of 30mph. From a 2.4m set-back distance visibility splays in excess of 43m can be provided in each direction along Scalegill Road. The attached drawing shows (ref 784-B028044/C001) the proposed junction and the 43m visibility splays.

According to TRICS, the national database for trip information, a development of 25 houses would be expected to generate 13 trips (3 arrivals and 10 departures) in the AM peak hour (8.00 to 9.00am), that is 1 additional vehicle every 4 minutes and 40 seconds. Similarly in the PM peak hour (5.00 to 6.00pm), 13 trips are likely to be generated (9 arrivals and 4 departures); again, that is 1 additional vehicle every 4 minutes and 40 seconds. Scalegill Road and the local road network can easily accommodate the small amount of generated traffic.

A review of personal injury accident data from Crashmap shows that in the most recent 3 years (ending 31 December 2020) there have been no accidents on Scalegill Road.

A new access junction onto Scalegill Road is proposed to serve up to 25 new homes. The presence of effective traffic calming on Scalegill Road means that traffic speeds will be low and the addition of a speed table at the proposed junction will further reduced speeds at the access. Visibility from the junction is in accordance with and in excess of MfS for 30mph approach speeds. The junction and the internal road dimensions will be suitable to accommodate 25 dwellings and are in accordance with Cumbria Development Design Guide. Scalegill Road has an excellent safety record. It is therefore considered that the proposed junction is a safe and suitable means of access to the site.

Yours sincerely,

Dr Nick Bunn

Director

For and on behalf of TetraTech Europe

Enc. Tetra Tech Drawing 784-B028044/C001 – Proposed Access Arrangements


