



2 Murray Road Northwood Children's Day Nursery Operational Management Plan

Business Premises: 2 Murray Road, Northwood HA6 2YN

Hours Of Opening: Monday to Friday 7.30am to 6.30pm

Introduction

This document has been produced to support a planning application for a change of use of 2 Murray Road, Northwood to a Children's Day Nursery accommodating up to 117 children aged 6 months to 4 years.

Purpose

The purpose of this Operational Management Plan is to set out how the Nursery will operate on a daily basis from a highway perspective.

Background

The proposed nursery is located on Murray Road which falls within a Controlled Parking Zone (CPZ) (Ref: 'N') which prohibits vehicle parking from Monday to Friday between the hours of 1pm – 2pm. Single yellow lines are also present on both sides of the road in proximity to the site which restrict on-street parking from Monday to Saturday between the hours of 8am – 6.30pm. An additional traffic regulation order (TRO) is also present which restricts the stopping of buses and >5T vehicles between Midnight – 8am and 6.30pm – Midnight.

Drop off times are to be staggered from 7:30am until 10am in the morning and 4pm and 6.30pm. It is anticipated that the majority of traffic will be generated between the hours of 8:00 – 9:00 am and 5:00 – 6:00pm.

This application seeks a change of use of the former Police Station to a Children's Day Nursery, together with ancillary car parking and a turning area. The details of the site layout are included as [Appendix 1](#) to this Statement.

The maximum number of pupils would not exceed 117, whilst the use would generate a need for around 28 full-time equivalent staff members.

The make-up of the pupils is shown below

- 6 months – 2 years ----- 21 pupils
- 2 – 3 years ----- 46 pupils
- 3 + years ----- 24 pupils
- 4 years ----- 26 pupils

Operational Characteristics

The Day Nursery would be operational Monday through to Friday from 7:30 AM to 6:30PM. Staff would arrive at 7:00AM and would depart once the last Pupil had been collected. Children would be brought at specific pre-arranged times rather than arriving ad hoc, and this would be spread over the course of an hour or more at the start and end of each day, to ensure that congestion was minimalised.

Although the number of pupils will be limited to 117, it is anticipated that some pupils will be attending for just a half day, either within the morning or the afternoon. The likely impact from parents dropping children off and collecting will therefore be spread across the day, rather than concentrated to the AM and PM peak periods.

Pick up and drop off for the nursery will be undertaken from the on-site parking bays whilst there are also opportunities for pick up and drop off from on-street parking bays on Murray Road and Maxwell Road. as well as the Green Lane public car park, a short distance from the site.

The site accommodates a total of 11 parking spaces (including a dedicated disabled parking bay) and staff will be discouraged from using the on-site parking.

Typical dwell time for pick up and drop off at a nursery is 5-10 minutes, therefore taking an average of 7.5 minutes, each parking bay can accommodate up to 8 vehicles per hour. The 10 general use on-site parking bays for the nursery could therefore accommodate up to 80 pickups / drop offs per hour.

Traffic Impact

The Application is supported with a comprehensive Transport Statement which addresses the highway implications of the development and includes an analysis of the likely traffic impact using latest TRICS Data. Using the TRICS Trip Rates as set out within the Transport Statement, the table below shows the likely traffic impact from a 117 pupil Day Nursery.

	Traffic Impact Based on 117 Children								
	AM (0800 -0900)			PM (1700-1800)			Total Two Way		
	Arrival	Depart	2 Way	Arrival	Depart	2 Way	Arrival	Depart	2 Way
Vehicles	19.89	15.68	36	15.91	20.12	36	89.15	89.15	178
Pedestrians	11.50	3.74	16	5.15	10.65	16	60.37	62.50	123
Cyclists	1.29	0.35	1	0.000	0.35	0	2.22	1.87	4
Pub Transport	1.99	0.12	2	0.59	0.94	2	8.42	8.31	16

From the above, it can be seen that based on TRICS data a 117 Child Day Nursery could generate some 36 two-way vehicular movements in the AM peak period, 36 two-way movements in the PM peak period and a total of some 178 movements on a daily basis.

Interestingly, the data also shows that there is a higher number of pedestrian, cycle and public transport inward movements in the AM peak as opposed to outward movements. This would suggest that the majority of these movements is generated by staff, rather than parents. The same is true in the PM peak, with a greater number of outward trips by such modes than inward movements.

Staff Travel

The site will employ around 28 staff although many of these will be part time, given that the Nursery will be operating between 7:30AM and 6:60PM. Some staff will therefore work a half day, whilst some staff will also not work a full 5-day week.

Staff will not be permitted to park on-site, although it is the experience of the Operator, that staff generally do not drive, but tend to be local, therefore they either walk or use public transport. This is recognised by some degree through the TRICS data given above.

Staff will be encouraged to travel by alternative transport modes where possible and a number of incentives will be put into place to achieve this. A Travel Plan Framework has been produced and as the Nursery is not currently operating, once up and running, travel habit surveys will be undertaken, and a suitable Travel Plan will be formulated. The Travel Plan Framework is a separate document and forms part of the formal application submission.

Although the site falls within a PTAL zone with a rating of 3 which represents a moderate level of accessibility, the site is located close to a number of bus stops that provide a good level of service, together with Northwood Underground Station which is located on the Metropolitan Line. This offers a range of services to various destinations. In the northbound direction, the station is served by trains to Watford (4tph), Amersham (2tph) and Chesham (2tph) trains (at peak times, 'fast' trains do not stop at stations between Harrow-on-the-Hill and Moor Park). In the southbound direction, off-peak services generally run 4tph to Baker Street and 4tph to Aldgate.

A secure and undercover cycle store is to be provided and the building will be provided with changing facilities for staff who cycle.

The site is also located close to two public car parks, these being Green Lane which provides 157 spaces, whilst Northwood Station provides 185 spaces. Car parking is therefore available locally for staff who do decide to travel by car, but again in this case, staff will be encouraged to car share. Staff will be instructed not to park on the highway.

Nick Culhane March 2024