



London Borough of Harrow Local Plan Allocated Sites Capacity Study Report 2024 - 2025

This report has been prepared to document the process and methods used in the undertaking of the Allocated Sites Capacity Studies and their findings.

The Capacity Studies were undertaken and this report written by the Harrow Borough Council Urban Design Team.

Disclaimer:

Please note, the council expects sites within this document to be brought forward through a design led process in accordance with the London Plan and Harrow Local Plan.

This document does not seek to provide design guidance or prescribe outcomes for any of the sites.

This is a high level exercise undertaken to estimate the capacity of the allocated sites having regard to the policies in the draft Harrow Local Plan. Any development brought forward on any of the sites will not necessarily look like what is outlined in this document; these studies only seek to show at a high level a version of what could come forward on the site for the purpose of calculating development capacity as part of preparing the draft Harrow Local Plan.

Any subsequent applications on the sites within this document will be assessed on their individual merits.

Contents

Methodology Opportunity Area Sites

Opportunity Area offes	
OA1 Queens House Car Park	6
OA2 Harrow on the Hill	7
OA3 15-29 College Road	8
OA4 Havelock Place	9
OA5 Congress House	1C
OA5 Signal House	11
OA5 Iceland	12
OA5 Congress House, Signal House & Iceland combined	13
OA6 269-273 Station Road Pub retained	14
OA6 269-273 Station Road Pub reprovided	15
OA6 269-273 Station Road & Debenhams	16
OA6 269-273 Station Road & Debenhams Floorplate & Façade Retained	17
OA6 269-273 Station Road, Debenhams & Greenhill Way Car Park	18
OA6 Greenhill Way Car Park	19
OA6 Greenhill Way Car Park - Leisure Centre	20
OA8 Former Royal Mail Site - C3 only	2
OA8 Former Royal Mail Site - Light Industrial	22
OA10 Wealdstone Parole Office	23
OA11 Ellen Webb Drive	24
OA11 Ellen Webb Drive Hotel Option	25
OA12 Peel Road Car Park	26
OA13 Travis Perkins	27
OA14 Burney Overter	28
OA14 Byron Quarter	28
OA14 Byron Quarter- Leisure Centre OA15 Iceland Wealdstone	30 3°
OAI3 Iceland Wealdstone OAI7 Kodak Admin Building	32
	02
Other Sites	
O1 Waitrose, South Harrow	34
O2 Roxeth Library and Clinic	35
O3 Northolt Road Nursery	36
O3 Northolt Road Car Park	37
O7 Rayners Lane Station Car Park	38
OB Harrow West Conservative Association	39
O9 Telephone exchange, Pinner	40
O10 Telephone exchange, Harrow View	4
O11 North Harrow Methodist Church O11 North Harrow Methodist Church - Church Retained	42 43
211 North Harrow Methodist Church - Church Hall Retained	44
O112 Telephone exchange, Hatch End	45
O12 Telephone exchange, Hatch End O14 Vernon Lodge	46
014 Vernon Lodge 016 Travellers Rest, Kenton Road - Pub Retained	47
016 Travellers Rest, Kenton Road - Pub and Hotel Reprovided	48
016 Travellers Rest, Kenton Road	49
O17 Telephone exchange, Kenton Road	50
019 Former Gasworks - C3 only	5
O19 Former Gasworks - Aldi	52
O20 Canons Park Station Car Park	53
O21 Anmer Lodge Car Park	54
O22 Stanmore Station Car Park	55
GB Royal National Orthopaedic Hospital	56
·	

Methodology

The Local Plan Allocated Sites Capacity Studies undertaken in 2024 followed the method published in *Optimising Site Capacity: A Design-led Approach* as part of the London Plan Guidance by the Greater London Authority in 2023.

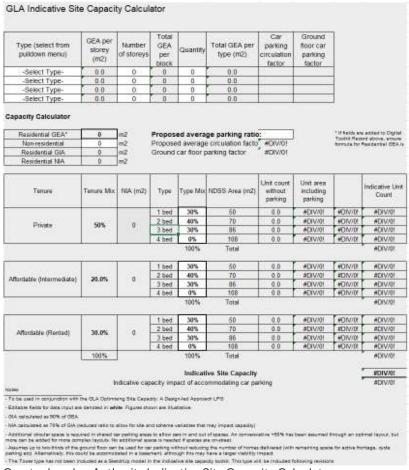
The methodology requires the undertaking of site analysis for each site, looking at relevant policy, heritage assets, conservation areas, protected views, etc. as well as the surrounding site context to determine the appropriate layout, form and height for each site.

Once analysis was complete the sites were then tested through modelling to determine capacity. The GLA have published a toolkit along side their guidance with several SketchUp blocks for deck access blocks, point blocks and houses. These blocks were utilised throughout the capacity studies, however were not always appropriate, especially when testing smaller or more constrained sites. In these cases bespoke blocks were created, with thought being given to the form of the block and maximising dual aspect units.

Once the modelling was complete the GLA Indicitave Site Capacity Calculator (part of toolkit) was used to calculate the capacity for each site. Additionally, as part of our own process, the site capacity was then used to calculate the amount of playspace required for each site and the models were then checked to ensure this amount could be provided, which helped to ensure the sites did not become over developed.

All models were reviewed with Development Management colleagues to ensure they were comfortable with distances between buildings and building heights.

As stated in the LPG, "as with any capacity-modelling exercise, site capacities should be treated as an approximation for development coming forward on site and not an absolute maximum or minimum." (page 30)



Opportunity Area Sites

Queens House Car Park

OA₁





Study Results

C3 units: 129

Commercial space: 2119sqm

Storeys: 1 - 12

Main site constraints: Proximity to existing buildings, Protected Viewing Corridor,

flood zone

Key





C3 units: 363

Commercial space: 4854sqm

Storeys: 1 - 18

Main site constraints: Building height, Metroland context, Protected Viewing

Corridor, flood zone

Additional notes: This study was conducted under the assumption a viewing deck would be provided within the new development to accommodate the existing protected view

Residential
Commercial
Existing Buildings

Key

15 - 29 College Road





Study Results

C3 units: 86 **Storeys:** 5 - 12

Main site constraints: Proximity to existing buildings, Protected Viewing Corridor Additional notes: This study proposes the retention and conversion above ground floor of one of the buildings on site with a single storey extension above.

Key

Residential Existing Buildings Havelock Place OA4





Study Results

C3 units: 294

Commercial space: 2580sqm

Storeys: 1 - 10

Main site constraints: Proximity to surrounding buildings, flood zone, pedestrian

link through to College Road





C3 units: 104

Commercial space: 1870sqm

Storeys: 1 - 9

Main site constraints: High street context, proximity to existing buildings, ensuring development on adjacent sites is not compromised, flood zone

Key

Signal House OA5





Study Results

C3 units: 22

Commercial space: 354sqm

Storeys: 9

Main site constraints: High street context, proximity to existing buildings, ensuring development on adjacent sites is not compromised, flood zone





C3 units: 18

Commercial space: 719sqm

Storeys: 1 - 6

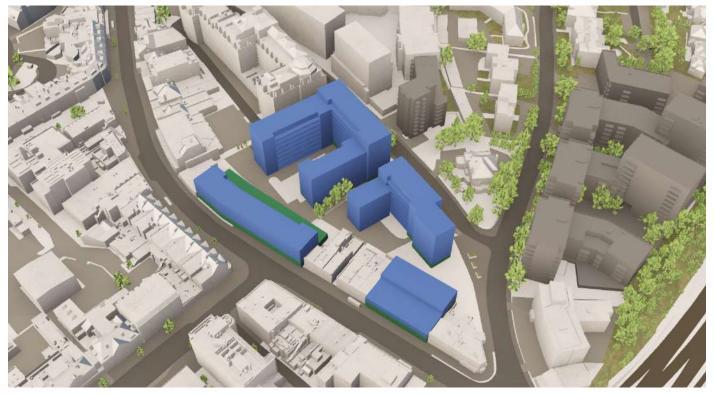
Main site constraints: High street context, proximity to existing buildings, ensuring development on adjacent sites is not compromised, flood zone

Key
Residential
Commercial
Podium
Existing Buildings

OA5

Congress House, Signal House & Iceland combined





Study Results

C3 units: 171

Commercial space: 3185sqm

Storeys: 1 - 9

Main site constraints: High street context, proximity to existing buildings, ensuring development on adjacent sites is not compromised, flood zone





C3 units: 28

Commercial space: 538sqm

Storeys: 1 - 7

Main site constraints: High street context, retention of existing pub

Additional notes: This study proposes the retention of the pub and a single storey

extension above





C3 units: 42

Commercial space: 745sqm

Storeys: 1 - 9

Main site constraints: High street context, proximity to existing buildings





C3 units: 186

Commercial space: 910sqm

Storeys: 3 - 12

Main site constraints: High street context, town centre context

269-273 Station Road, Debenhams Floorplate & Façade Retained OA6





Study Results

C3 units: 184

Commercial space: 5236sqm

Storeys: 1 - 12

Main site constraints: High street context, proximity to existing buildings

Additional notes: This study proposes the retention of the Debenhams floorplate

and façades along Station Road and Greenhill Way

269-273 Station Road, Debenhams & Greenhill Way Car Park







Study Results

C3 units: 371

Commercial space: 936sqm

Storeys: 3 - 12

Main site constraints: High street context, town centre context, maximising

height





C3 units: 196

Commercial space: 684sqm

Storeys: 5 - 12

Main site constraints: High street context, proximity to existing buildings,

minimising overlooking







C3 units: 48

Leisure centre space: 12,000sqm

Storeys: 4 - 7

Main site constraints: High street context, proximity to existing buildings,

minimising overlooking

Key

Residential
Leisure Centre
Existing Buildings





C3 units: 463

Commercial space: 7132sqm

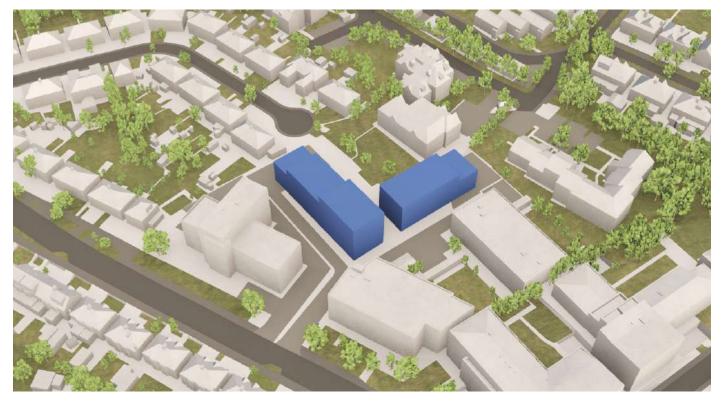
Storeys: 2 - 12

Main site constraints: Mediating between Opportunity Area / Tall Buildings Area

and Metroland context







C3 units: 27 **Storeys:** 3 - 5

Main site constraints: Small backland site, mediating between mid to low rise

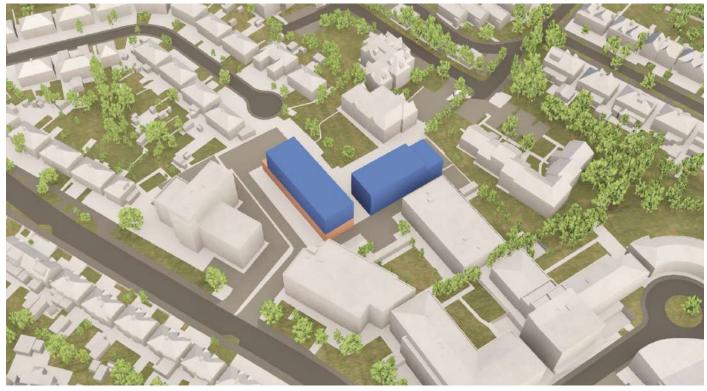
context



Former Royal Mail Site - Light Industrial

OA8





Study Results

C3 units: 18

Light industrial space: 250sqm

Storeys: 1 - 4

Main site constraints: Small backland site, mediating between mid to low rise

context

Key Residential Light Industrial Existing Buildings Poets Corner OA9





Study Results

C3 units: 955

Commercial space: 2000sqm

Storeys: 2 - 15

Main site constraints: Mediating between Opportunity Area / Tall Buildings Area

and Metroland context





C2/C4 units: 70

Ancilliary space: 320sqm

OR

C3 Units: 18

Commercial space: 182sqm

Storeys: 3 - 5

Main site constraints: Small backland site, mediating between mid to low rise

context

Ellen Webb Drive OA11





Study Results

C3 units: 183

Commercial space: 683sqm

Storeys: 6 - 12

Main site constraints: Narrow site, railway to the south, flood zone







C1 units: 282

Hotel amenity space: 1497sqm

Storeys: 1 - 12

Main site constraints: Narrow site, railway to the south, flood zone







C3 units: 207

Commercial space: 2390sqm

Storeys: 1 - 18

Main site constraints: Mediating between town centre and Metroland context.

Key Residential

Travis Perkins OA13





Study Results

C3 units: 18

Light industrial space: 2187sqm

Storeys: 1 - 8

Main site constraints: Mediating between town centre and Metroland context,

back to back distances to residential buildings to the north, flood zone

Key Residential Light Industrial Existing Buildings





C3 units: 36

Light industrial space: 3905sqm

Storeys: 1 - 8

Main site constraints: Mediating between town centre and Metroland context,

back to back distances to residential buildings to the north, flood zone

Key Residential Light Industrial Existing Buildings





C3 units: 790

Commercial space: 1198sqm

Storeys: 3 - 10

Main site constraints: Interface with Byron Park, low rise Metroland context







C3 units: 638

Leisure centre space: 12,444sqm

Storeys: 2 - 10

Main site constraints: Interface with Byron Park, low rise Metroland context

Key Residential Leisure Centre Existing Buildings





C3 units: 25

Commercial space: 485sqm

Storeys: 1 - 5

Main site constraints: Narrow site, proximity to adjacent buildings, flood zone







C3 units: 120

Employment space: 625sqm

Storeys: 3 - 8

Main site constraints: Proximity to adjacent developments, mediating between

low and mid rise contexts.



All Other Sites





C3 units: 124

Commercial space: 3040sqm

Storeys: 2 - 7

Main site constraints: Adjacent approved development, flood zone

Additional notes: This study proposes the reprovision of the supermarket with

podium or undercroft parking below

Key Residential Commercial Podium Existing Buildings





C3 units: 15

Commercial / Community space: 700sqm

Storeys: 2 - 5

Main site constraints: Mediating between highstreet and Metroland contexts,

proximity to surrounding buildings



Northolt Road Nursery





Study Results

C3 units: 30

Nursery space: 390sqm

Storeys: 4 - 6

Main site constraints: Mediating between highstreet and Metroland contexts



Northolt Road Car Park





Study Results

C3 units: 7

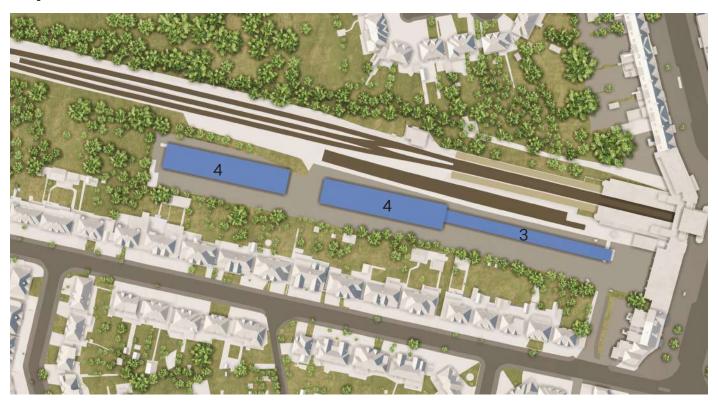
Employment space: 560sqm

Storeys: 1 - 4

Main site constraints: Back land site, flood zone



Rayners Lane Station Car Park



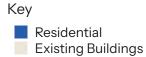


Study Results

C3 units: 69 Storeys: 3-4

Main site constraints: Narrow site, proximity to railway, Metroland context, flood

zone







C3 units: 13

Employment space: 370sqm

Storeys: 1 - 3

Main site constraints: Low rise context, potential overlooking of adjacent gardens



Telephone Exchange, Pinner





Study Results

C3 units: 44 **Storeys:** 3 - 4

Main site constraints: Metroland context, proximity to adjacent buildings

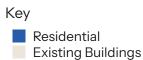






C3 units: 27 Storeys: 13

Main site constraints: Low rise context, potential overlooking







C3 units: 33

Community and/or church space: 860sqm

Storeys: 3 - 4

Main site constraints: Low rise context, potential overlooking of adjacent gardens

Key Residential Community Existing Buildings





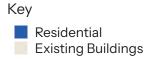
C3 units: 15 **Storeys:** 3 - 4

Main site constraints: Narrow site, proximity to railway, Metroland context, flood

zone

Additional notes: This study proposes the retention of the church and removal of

the church hall



North Harrow Methodist Church - Church Hall Retained







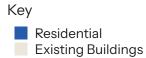
Study Results

C3 units: 18 **Storeys:** 3 - 4

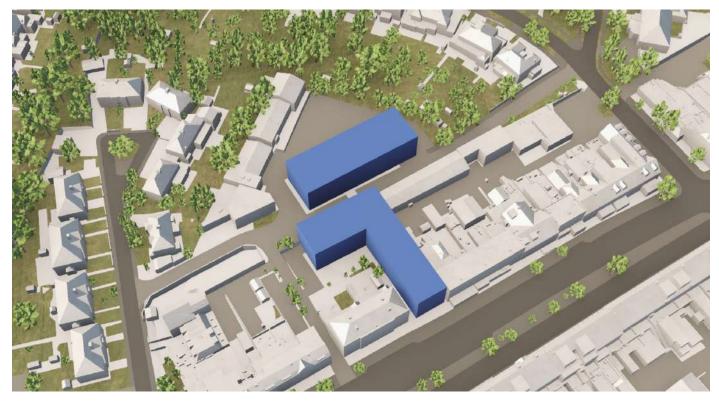
Main site constraints: Low rise context, potential overlooking of adjacent gardens

Additional notes: This study proposes the retention of the church hall and

removal of the church

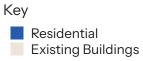






C3 units: 44 Storeys: 4

Main site constraints: Low rise context, potential overlooking of adjacent gardens



Vernon Lodge 014





Study Results

C2/C4 Units: 72

Ancillary Space: 600sqm

OR

C3 units: 25

Ancillary Space: 600sqm

Storeys: 1 - 3

Main site constraints: Low rise context, flood zone

Additional notes: The C3 figure is based on a unit mix of 70% 1beds and 30%

2beds

Key Residential Existing Buildings





C3 units: 68 **Storeys:** 3 - 6

Main site constraints: Proximity to railway, Metroland context, high street context **Additional notes:** This study proposes the retention of the Travellers Rest Pub

Key





C3 units: 109

Commercial space: 1620sqm

Storeys: 4 - 6

Main site constraints: Proximity to railway, Metroland context, high street context

Additional notes: This study proposes the reprovision of the pub

Key Residential Commercial Existing Buildings





C3 units: 67

Hotel and pub space: 7834sqm

Storeys: 4 - 6

Main site constraints: Proximity to railway, Metroland context, high street context

Additional notes: This study proposes the reprovision of the pub and hotel

Key
Hotel
Commercial
Residential
Existing Buildings





C3 units: 12

Commercial space (ground floor): 483sqm

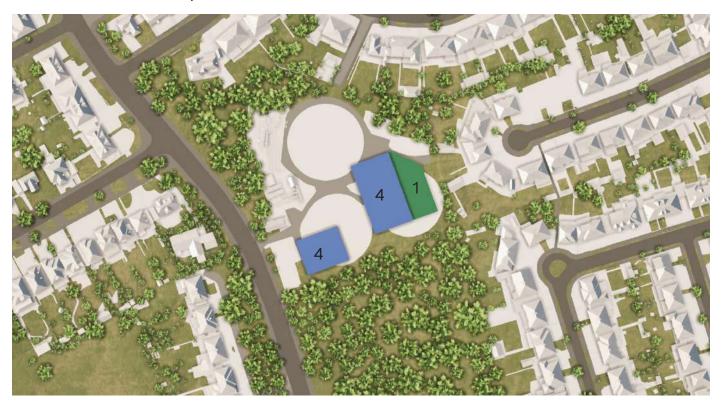
Storeys: 4

Main site constraints: High street context, retention of existing building

Additional notes: This study proposes the conversion of the existing building with

a single storey extension above

Key
Residential
Existing Buildings





C3 units: 41

Commercial space: 1400sqm

Storeys: 1 - 4

Main site constraints: Easements to remaining gas infrastructure, buffer zone to

the SINC







C3 units: 52 **Storeys:** 3 - 4

Main site constraints: Easements to remaining gas infrastructure, buffer zone to

the SINC

Key Residential Existing Buildings

Canons Park Station Car Park





Study Results

C3 units: 26 **Storeys:** 3 - 4

Public parking spaces: 60 (~40% reprovided)

Main site constraints: Low rise context, proximity to the railway

Key Residential Area for parking Existing Buildings





C3 units: 116

Commercial space: 2896sqm

Storeys: 1 - 4

Main site constraints: Back land site, adjacent development

Key Residential Commercial Existing Buildings

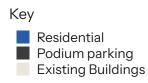




C3 units: 183 **Storeys:** 3 - 6

Public parking spaces: 170 (~40% reprovided)

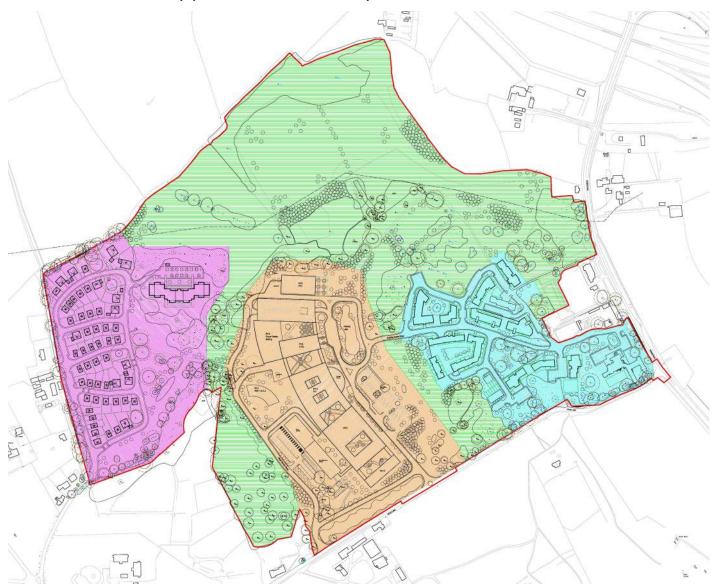
Main site constraints: Narrow site, Metroland context, proximity to the railway





GB1 Royal National Orthopaedic Hospital Local Plan Allocated Sites Capacity Study Report Addendum 01

RNOH Previous Application Summary



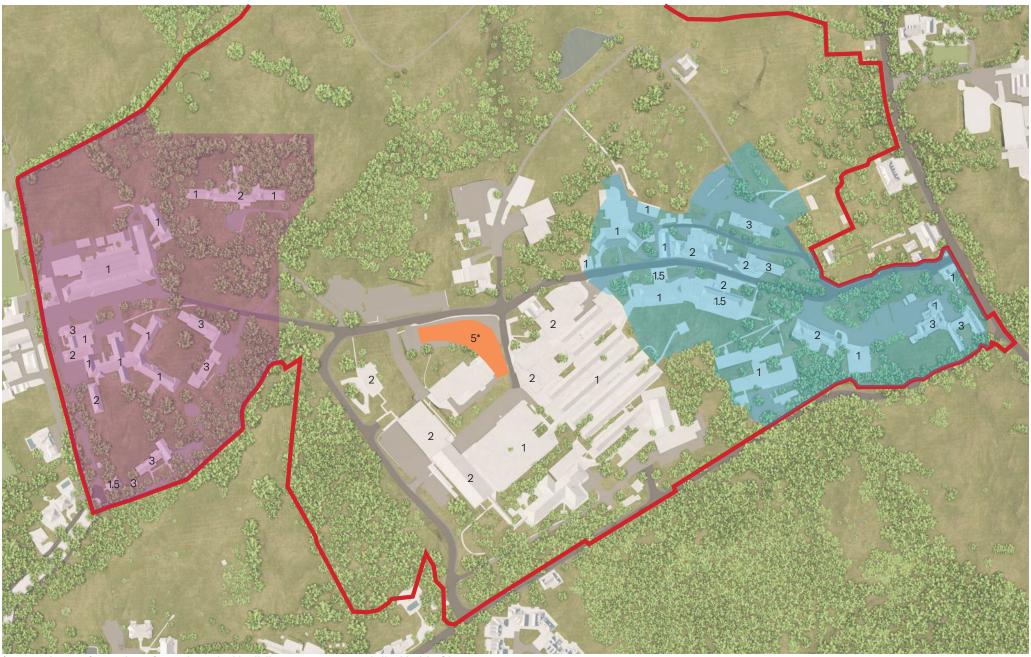
Western Development Zone

- 54 houses and 38 flats (92 dwellings total)
- Max footprint 6682sqm
- All buildings 2 storeys apart from flat block which was 2-3

Eastern Development Zone

- 9 houses and 246 flats (255 dwellings total)
- · Max footprint 8399sqm including Eastgate House
- All buildings 3 storeys

RNOH Existing Site



*approximate footprint of new hospital building - not yet modelled in Vu.City

London Borough Of Harrow | Allocated Sites Capacity Study Report | Add. 01 | Updated June 2025 | Submission Version

WDZ Option 01





Low density detached housing following similar development type to previous application

Units based on floor area: 133 units

Units based on typology: 127 units (83 3b houses, 44 flats)

Unit difference: 35 additional units

Total footprint: 6285sqm

Footprint difference: 397sqm decrease due to no garages proposed / 6% decrease

Additional height: flat block 3 storeys rather than 2-3 storeys

EDZ Option 01





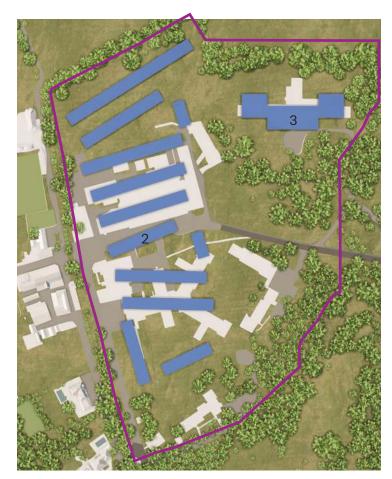
Low rise deck access blocks, following same development pattern as previous application.

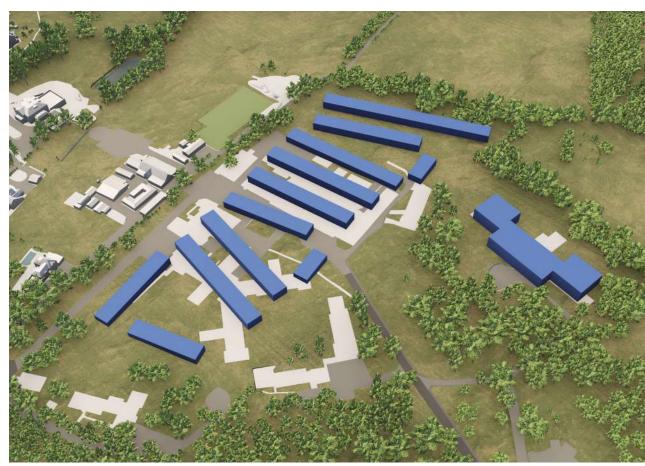
Units: 246 flats

Unit difference: 9 fewer units Total footprint: 8980sqm

Footprint difference: 581sqm increase / 7% increase Additional height: no additional height, all blocks 3 storeys

WDZ Option 02





Terraced development following similar development pattern to previous application.

Units based on floor area: 200 units

Units based on typology: 190 units (146 3b houses, 44 flats)

Unit difference: 98 additional units

Total footprint: 9750sqm

Footprint difference: 3068sqm increase / 46% increase Additional height: flat block 3 storeys rather than 2-3 storeys

EDZ Option 02





Low rise deck access flats and courtyard blocks, following same development pattern as previous application but with an increased footprint.

Units: 304 flats

Unit difference: 49 additional units

Total footprint: 11,005sqm

Footprint difference: 2606sqm increase / 31% increase Additional height: no additional height, all blocks 3 storeys

WDZ Option 03





Low rise deck access flat blocks following a similar development pattern to the existing site.

Units: 205 flats

Unit difference: 113 additional units

Total footprint: 9416sqm

Footprint difference: 2734sqm increase / 40% increase

Additional height: most southern and most eastern blocks increased to 3 storeys to match existing development on site

EDZ Option 03





Low rise deck access flats and courtyard blocks, following similar development footprint as previous application.

Units: 280 flats

Unit difference: 25 additional units

Total footprint: 10,145sqm

Footprint difference: 1746sqm increase / 21% increase Additional height: no additional height, all blocks 3 storeys

WDZ Option 04





Terraces and flats with a village green and secondary amenity space.

Units based on floor area: 220 units

Units based on typology: 212 units (146 3b houses, 66 flats)

Unit difference: 120 additional units

Total footprint: 10,842sqm

Footprint difference: 4160sqm increase / 62% increase Additional height: flat block 3 storeys rather than 2-3 storeys

EDZ Option 04





Low rise deck access flats and courtyard blocks

Units: 355 flats

Unit difference: 100 additional units

Total footprint: 12,894sqm

Footprint difference: 4495sqm increase / 54% increase Additional height: no additional height, all blocks 3 storeys

WDZ Option 05





Terraces and flats with a village green and secondary amenity space, with 1/3 increase in footprint.

Units based on floor area: 192 units

Units based on typology: 187 units (110 3b houses, 77 flats)

Unit difference: 95 additional units

Total footprint: 8862sqm

Footprint difference: 2180sqm increase / 33% increase

Additional height: flat block 3 storeys rather than 2-3 storeys, deck access block 3 storeys

EDZ Option 05





Low rise deck access flats with 1/3 increase in footprint.

Units: 308 flats

Unit difference: 53 additional units

Total footprint: 11,174sqm

Footprint difference: 2775sqm increase / 33% increase Additional height: no additional height, all blocks 3 storeys

WDZ Option 06





Footprint and development location as close to the existing site as possible with a 33% increase in height from the existing site.

Units: 176 units

Unit difference: 84 additional units

Total footprint: 6700sqm

Footprint difference: 18sqm increase / 0.3% increase

Additional height: increase height by 33% from existing site

EDZ Option 06





Footprint and development location as close to the existing site as possible with a 33% increase in height from the existing site.

Units: 196 flats

Unit difference: 59 fewer units Total footprint: 8383sqm

Footprint difference: 16sqm decrease / 0.2% decrease Additional height: increase height by 33% from existing site

Summary

Option	Description	Total units	10% uplift	Total footprint (sqm)	Footprint increase
Original masterplan	WDZ - Low density detached housing EDZ - Low rise flat blocks	347	N/A	15,081	N/A
Option 01	WDZ - Following a similar development pattern as original masterplan but with smaller plots EDZ - same development footprint as original masterplan	373	410	15,265	184 sqm / 1%
Option 02	WDZ - Following a similar development pattern as the original masterplan but with terraced houses EDZ - Following a similar development as the original masterplan but with an increased footprint to create courtyard blocks	494	543	20,755	5674 sqm / 38%
Option 03	WDZ - Deck access flats following development pattern of the existing site EDZ - Deck access flats following development pattern of the existing site	485	534	19,561	4480 sqm / 30%
Option 04	WDZ - Standard capacity study - terraced houses and deck access flats arranged around a green space EDZ - Standard capacity study -Deck access courtyard blocks and villa block flats	567	624	23,736	8655 sqm / 57%
Option 05	Standard capacity study with the development footprint increase capped at one third.	495	545	20,036	4955 sqm / 33%
Option 06	Footprint and development location as close to the existing site as possible with a 33% increase in height from the existing site.	372	409	15,083	2 sqm / 0.01%

Selected Sites Parking Studies Local Plan Allocated Sites Capacity Study Report Addendum 02

Queens House Car Park - Parking Option 01

OA₁





Study Results

C3 units: 92

Commercial space: 1078sqm

Storeys: 2 - 12

Public parking spaces: 195 (~50% reprovided) - podium 0.5 storeys below ground **Main site constraints:** Proximity to existing buildings, Protected Viewing Corridor,

flood zone

Key
Residential
Commercial
Podium parking
Existing Buildings





C3 units: 55

Commercial space: 1078sqm

Storeys: 1 - 11.5

Public parking spaces: 390 (~100% reprovided) - podium 0.5 storeys below ground **Main site constraints:** Proximity to existing buildings, Protected Viewing Corridor,

flood zone

Key
Residential
Commercial
Podium parking
Existing Buildings





C3 units: 320

Commercial space: 936sqm

Storeys: 3 - 12

Public parking spaces: 264 (~100% reprovided) – podium 0.5 storeys below ground **Main site constraints:** High street context, town centre context, maximising height Key

ResidentialCommercialPodium parkingExisting Buildings





C3 units: 192

Commercial space: 1323sqm

Storeys: 1 - 18

Public parking spaces: 144 (~50% reprovided) - podium 0.5 storeys below ground **Main site constraints:** Mediating between town centre and Metroland context.

Key
Residential
Commercial
Podium parking
Existing Buildings





C3 units: 167

Commercial space: 632sqm

Storeys: 2 - 18

Public parking spaces: 300 (~100% reprovided) - podium 0.5 storeys below ground

Main site constraints: Mediating between town centre and Metroland context.

Key
Residential
Commercial
Podium parking
Existing Buildings

