ISO A0 841mm x 1189mm

Approved: ——

Checked: ——

Designer: ——

Project Management Initials:

Last Plotted: 2024-12-04

Last saved by: RYAN.ABELL

Filename: P:\PROJECTS\MUNICIPAL INFRASTRUCTURE - ARBORFIELD GARRISON SDL\DRAWINGS\CURRENT DRAWINGS\DISTRICT CENTRE DESIGN WORK\DISTRICT CENTRE SPINE ROAD SECTION 3\60312043-CIV-DC-1050-1051 PXX - DC HIGHWAY DRAINAGE PLAN - SHEET 1-2.DWG

INDICATIVE DRAINAGE ARRANGEMENT TO SERVE TEMPORARY HAMMERHEAD. FUTURE DETAIL TO BE RESOLVED AS PART OF PARCEL N DRAINAGE DESIGN

SW N2
CL 53.680
MH Size 1500 mm
IL (IN) 51.067, 225dia
IL (OUT) 51.817, 375dia

N1.000 L 13.316m
225ø @ 1:24.1

EXISTING DRAINAGE SPUR FROM ATTENUATION BASIN TO BE EXTENDED TO ALLOW CONSTRUCTION OF TEMPORARY HIGHWAY DRAINAGE. ALIGNMENT AND LEVEL BASED ON PARCEL N DEVELOPERS PACK DRAWINGS (TO BE CONFIRMED)

SW N1
CL 53.970
MH Size 1200 mm
IL (OUT) 52.250, 225dia

58.862m²
99.120m²
33.392 m²
54.458m²
23.173 m²
43.394 m²
130.918m²
163.686m²
111.225m²
57.107 m²
165.375m²
174.671m²
64.838m²
134.070m²
171.561m²
142.827m²
162.934m²
145.656 m²
99.999 m²
151.494 m²

S38 MH5
CL 54.821
MH Size 1200 mm
IL (OUT) 52.503, 225dia

S38 MH4
CL 54.559
MH Size 1350 mm
IL (IN) 52.175, 300dia
IL (OUT) 52.100, 375dia

S38 MH3
CL 54.134
MH Size 1200 mm
IL (IN) 52.420, 225dia
IL (OUT) 52.345, 300dia

REFER TO 60312043-CIV-DC-1050

REFER TO INSET FOR CONTINUATION

CYCLE & BIN STORE

EXISTING CENTRE

ARBORFIELD GARRISON LEISURE CENTRE

RY SECURE REA

S38 MH4
CL 54.559
MH Size 1350 mm
IL (IN) 52.175, 300dia
IL (OUT) 52.100, 375dia

S38 MH3
CL 54.134
MH Size 1200 mm
IL (IN) 52.420, 225dia
IL (OUT) 52.345, 300dia

S38 MH2
CL 54.338
MH Size 1200 mm
IL (OUT) 52.672, 225dia

REFER TO MAIN DRAWING FOR CONTINUATION

120.934m²
97.284m²
145.656 m²
99.999 m²
51.494 m²
66.442 m²
89.250 m²
66.442 m²
89.250 m²
119.067 m²
90.324 m²

INSET

0 5 10 15 20 25m
1:250

Scale 1:250 @ A0

0 5 10 15 20 25m
1:250

Scale 1:250 @ A0

AECOM

PROJECT

Arborfield Garrison SDL

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KEY

- S38 highway boundary
- Proposed highway drain
- Proposed highway gully
- Proposed highway drainage easement (3m each side)
- Proposed gully drainage catchments
- Proposed Surface Water sewer to be adopted by others
- Proposed Foul Water sewer to be adopted by others

NOTES

1. This drawing is not to be scaled.
2. All Highway works to be in accordance with
3. Wokingham Borough Council Design Guide 2019 and in general accordance with MCHW Specification for Highway Works and Highway Construction Details.
4. Drawing to be read in conjunction with AECOM S38 drawing numbers '60312043-CIV-DC-1000-1141'
5. All works within the public highway must comply with current health and safety standards
6. Highway drainage will be required to be tested prior to laying of the base course
7. Sub-grade CBR to be determined by using CBR test in accordance with BS 1377
8. Kerbs to be laid with 125mm upstand. Except where required to tie into existing kerb lines. At vehicle crossings the upstand is to be 25mm maximum. At dropped crossings for pedestrians and cyclists the upstand is to be 5mm maximum.
9. Tactile paving units and layouts to be in accordance with 'Guidance for use of tactile paving' (1999) produced by the DETR
10. Location of existing services and utilities to be confirmed prior to construction works commencing.
11. Speed table to be laid 75mm high kerb to kerb. 75mm height must not be exceeded (DFT TAL 02/96). It is recommended that the contractor adopts a laying specification of 65mm + 10mm / -0mm
12. For vehicle crossing and tactile paving layout refer to WBC highway construction details drawing WDS_HD_04
13. Site Masterplan as "P21-2598_05Z District Centre Site Layout" received from Pegasus August 2024.
14. Topographical survey data based on Warner Surveys drawing reference "RT222007ZP0001-0005" dated September 2022. Survey data has been amended to removed soil bunds.

ISSUE/REVISION

Rev	Date	Detail	Made	Chk'd	App'd
P04	04.12.24	Fall of parking bay reversed, gully relocated to suit	RA	MBB	CP
P03	29.08.24	Masterplan & drainage updated	RA	MBB	CP
P02	18.07.24	Adoption extents reduced to east and extended to south, turning head added. Gully positions adjusted	RA	MBB	CP
P01	01.12.23	First Issue	DN	DM	CP

PROJECT NUMBER

60312043

SHEET TITLE

District Centre
Highway Drainage Plan
Sheet 2 of 2

SHEET NUMBER

60312043/CIV/DC/1051