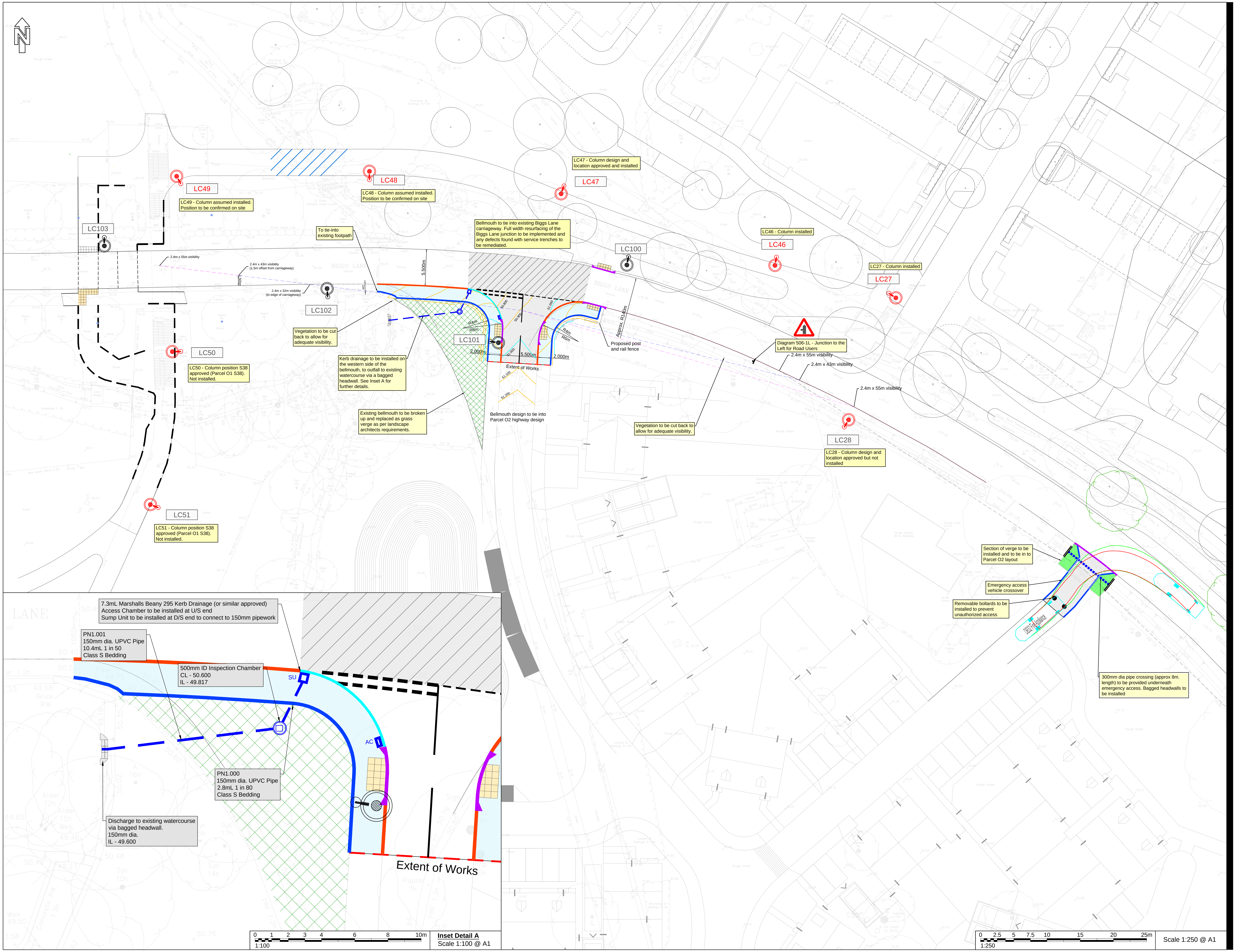
Project Management Initials: Designer: ____ Checked: ____ Approved: ____ ISO A1 841mm x 594mm

Filename: F:\PROJECTS\MUNICIPAL INFRASTRUCTURE - ARBORFIELD GARRISON SDL\DRAWINGS\CURRENT DRAWINGS\PARCEL O2\60312043-CIV-390 P3 PARCEL O2 HIGHWAY ACCESS GA.DWG Last saved by: PALMERL1 Last Plotted: 2024-08-08


LC49
LC49 - Column assumed installed. Position to be confirmed on site
LC48
LC48 - Column assumed installed. Position to be confirmed on site
LC47 - Column design and location approved and installed
LC47
LC103
To tie-into existing footpath
Bellmouth to tie into existing Biggs Lane carriageway. Full width resurfacing of the Biggs Lane junction to be implemented and any defects found with service trenches to be remediated.
LC100
LC46 - Column installed
LC46
LC27 - Column installed
LC27
2.4m x 55m visibility
2.4m x 43m visibility (1.5m offset from carriageway)
2.4m x 32m visibility (to edge of carriageway)
1.500m
1m
5.500m
BIGGS LANE
LC102
Vegetation to be cut back to allow for adequate visibility.
R4m
R6m
LC101
2.000m
5.500m
2.000m
Extent of Works
Approx. R140m
Proposed post and rail fence
Diagram 506-1L - Junction to the Left for Road Users
2.4m x 55m visibility
2.4m x 43m visibility
2.4m x 55m visibility
LC50
LC50 - Column position S38 approved (Parcel O1 S38). Not installed.
Kerb drainage to be installed on the western side of the bellmouth, to outfall to existing watercourse via a bagged headwall. See Inset A for further details.
Existing bellmouth to be broken up and replaced as grass verge as per landscape architects requirements.
Bellmouth design to tie into Parcel O2 highway design
Vegetation to be cut back to allow for adequate visibility.
LC28
LC28 - Column design and location approved but not installed
LC51
LC51 - Column position S38 approved (Parcel O1 S38). Not installed.
Section of verge to be installed and to tie in to Parcel O2 layout
Emergency access vehicle crossover
Removable bollards to be installed to prevent unauthorized access
DB32 Fire Appliance
300mm dia pipe crossing (approx 8m. length) to be provided underneath emergency access. Bagged headwalls to be installed
7.3mL Marshalls Beany 295 Kerb Drainage (or similar approved) Access Chamber to be installed at U/S end Sump Unit to be installed at D/S end to connect to 150mm pipework
PN1.001 150mm dia. UPVC Pipe 10.4mL 1 in 50 Class S Bedding
500mm ID Inspection Chamber CL - 50.600 IL - 49.817
SU
AC
PN1.000 150mm dia. UPVC Pipe 2.8mL 1 in 80 Class S Bedding
Discharge to existing watercourse via bagged headwall. 150mm dia. IL - 49.600
Extent of Works
0 1 2 3 4 6 8 10m
1:100
Inset Detail A
Scale 1:100 @ A1
0 2.5 5 7.5 10 15 20 25m
1:250
Scale 1:250 @ A1

AECOM

PROJECT

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KEY

- 2.4m x 43m Visibility Splay (Main Access)
- 2.4m x 55m Visibility Splay (Main Access)
- 2.4m x 55m Visibility Splay (Emergency Access)
- Proposed carriageway
- Existing Biggs Lane carrigeway to be resurfaced.
- Proposed Footway
- Tactile paving
- Existing bellmouth to be broken up and replaced as verge
- HB2 kerb 125mm upstand
- Bullnose kerb 0-6mm upstand
- Edging kerb (EBN) with 0mm upstand
- Transition kerb
- Previously Technically Approved Lighting Columns
- Parcel O2 Access Proposed Lighting Columns (LC100, LC101 & LC102)
- Road Sign
- Proposed Kerb Drainage - Marshalls Beany 295 or similar approved.
- SU Kerb Drainage Outfall Sump Unit
- AC Kerb Drainage Access Chamber
- Proposed 150mm dia SW Drainage
- Bagged Headwall for SW Drainage
- 500mm Inspection Chamber
- Warning line, 4000mm mark, 2000mm gap, 100mm wide; to diagram 1004
- Edge of carriageway marking at junction 600mm mark, 300mm gap, 100mm wide; to diagram 1009
- Give way marking, 600mm mark, 300mm gap, 200mm wide, 500mm separation; to diagram 1003

8.68
1.52 3.81

DB32 Fire Appliance	
Overall Length	8.680m
Overall Width	2.180m
Overall Body Height	3.452m
Min Body Ground Clearance	0.337m
Max Track Width	2.121m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	7.910m

NOTES

1 - This drawing is not to be scaled.

2 - Topographical Survey data provided has been taken from "Topographical Release Seven.dwg" received from K.A Rylance February 2015.

3 - Initial junction arrangement taken from i-transport drawing "ITL18421-GA-003A" dated 23.11.22.

4 - Parcel O2 layout taken from Odyssey drawing "22-226/001" dated November 2022.

5 - To be read in conjunction with AECOM standard detail drawings:
- 60312043-CIV-392 - Parcel O2 Access Highway Construction Details
- 60312043-CIV-393 - Parcel O2 Access Drainage Construction Details

Issued for Information

ISSUE/REVISION

Rev	Date	Detail	Made	Chk'd	App'd
P03	08.08.24	Comments WBC 10.06.24 - pedestrian crossing moved north, and added resurfacing of carriageway	LP	CP	CP
P02	20.11.23	Amended to include Emergency Access	JS	LP	CP
P01	02.03.23	Issue for Section 278	DN	LP	CP

PROJECT NUMBER

60312043

SHEET TITLE

Parcel O2 - Highway Access
General Arrangement

SHEET NUMBER

60312043/CIV/390