

LGV - RIVER LODDON CROSSING - LONGSECTION
SCALE: H 1:1000,V 1:200. DATUM: 35.000

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GENERAL NOTES: consent.

Do not scale.
Refer to all other Project Drawings and supporting notes.

4:

general:

- Uncontrolled Blister Tactile Paving at Dropped Crossing
- Controlled Blister Tactile Paving at Signalised Crossing
- Segregated Footway / Cycleway Corduroy Tactiles
- Proposed 5m Segregated Footway / Cycleway
- Proposed 3m Shared Footway / Cycleway
- Proposed 2m Footway
- Proposed Verge
- Proposed Mown Path
- Proposed Carriageway
- Proposed Hard Standing
- Proposed Batter Slope 1in5
- Proposed Batter Slope 1in3

logy Survey - Based on information received from
R dated 16/05/25:

— Veteran Tree Buffer

on FLAC dated 15/05/25:

06/25	FIRST ISSUE			CS	LPA												
Date	Description			Drawn	Checked												
 www.ableyletchford.co.uk																	
UNIVERSITY OF READING																	
LODDON GARDEN VILLAGE																	
IVER LODDON CROSSING PLAN AND PROFILE																	
<table border="1"> <tr> <td>OWN @ A1</td> <td>Date JUN 2025</td> <td>Drawn CS</td> <td>Checked LPA</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">ng No 392-OPA-0121</td> <td>Revision</td> <td>A</td> </tr> </table>						OWN @ A1	Date JUN 2025	Drawn CS	Checked LPA			ng No 392-OPA-0121				Revision	A
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ng No 392-OPA-0121				Revision	A												

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Manhole Schedule/Longitudinal:
1. Do not scale.
2. This drawing is to be read in conjunction with and checked
against all other drawings, including details, Specifications and
any other drawings, General Notes or other specific documents
provided.
3. Levels shown for context only, refer to other project
drawings for details.
4. All adoptable drainage works to be constructed as detailed
in the drainage section of the drawing.
5. All adoptable drainage works to be constructed as detailed in the water
authorities addendum.
6. All public sewers are to be the subject of Section 100
agreements with the industry act 1993.
7. Invent levels of existing manholes and sewers are to be checked
on site before construction commences and results reported to
engineers.
7. The contractor is responsible for ensuring the correct quantity of flow
for foul and surface water, the location of the boundaries and the
works for the duration of the project.
8. All drainage networks to comply with section 124, and be
stamped with the appropriate stamp to be foul feeding as below:
-carriageways and roads - 4400
-driveways - 4401
-footways and pedestrian areas - b121
-gardens/landscaping - a15
9. All new pipes to be installed and tested strictly in accordance
with the manufacturers' printed instructions, as in T52, to
1601, local water authority requirements and the building
regulations.
10. All bedding shall be class 5 unless noted otherwise.
11. All drainage pipes to be backfilled with a granular
material, unless otherwise specified. All drainage pipes are to
be backfilled with thoroughly compacted type 1 granular
sub-base material.
12. Drainage beneath roads and areas of vehicular access (car
parking etc) with less than 1200mm of cover shall be encased
in concrete bed and surround with associated movement joints.
13. All drainage pipes to be backfilled with a granular
material, unless otherwise specified. All drainage pipes with
less than 900mm of cover shall be similarly treated.
14. Concrete protection shall be applied to all drainage pipes
shall be fitted with gair bars, safety chains or other appropriate
devices.
15. The use of Portland cement concrete products made with sulphate
resisting cement is mandatory, unless a laboratory report
proves such cement is not necessary.
16. All drainage pipes to be backfilled with a granular
material, unless otherwise specified. It is the responsibility of the
client to identify any laterated connections that are still live and any found to be
non-functional to be replaced.
17. All foul and storm drains which are not to be adopted as
public sewers, are to be accordance with document 6 of the
building regulations, together with other relevant chapters
where applicable.
18. Where pipes are to be backfilled with a granular
material, these are to be provided over 100mm.
19. Where pipes are to be backfilled with a granular
material, these are to be provided over 100mm.
20. Where pipes are to be backfilled with a granular
material, these are to be provided over 100mm.
21. Construction details subject to refinement through detailed
design/technical approval process.

ALL PIPE BEDDING TO BE CLASS
'S' GRANULAR SURROUND
UNLESS NOTED OTHERWISE
ON THE DRAWING

Manhole diagrams are indicative and do not show every
incoming sewer/gully connection. Refer to Engineering
Report for details.
Manhole covers are derived from a 3D digital terrain
model. final cover levels to suit finished surfaces onsite.
Manhole covers to be located wholly within one surface. Le
grass or hard standing. Manhole covers are to be fully
accessible to users.

KEY:
— Existing Ground Profile
— Proposed Centrelne Profile
— Proposed Foul Sewer
— Proposed Storm Sewer

Scale: 1:1000
10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500

A 06.25 FIRST ISSUE
JS Date: June 2025
Drawing No: A392-OPA-0130

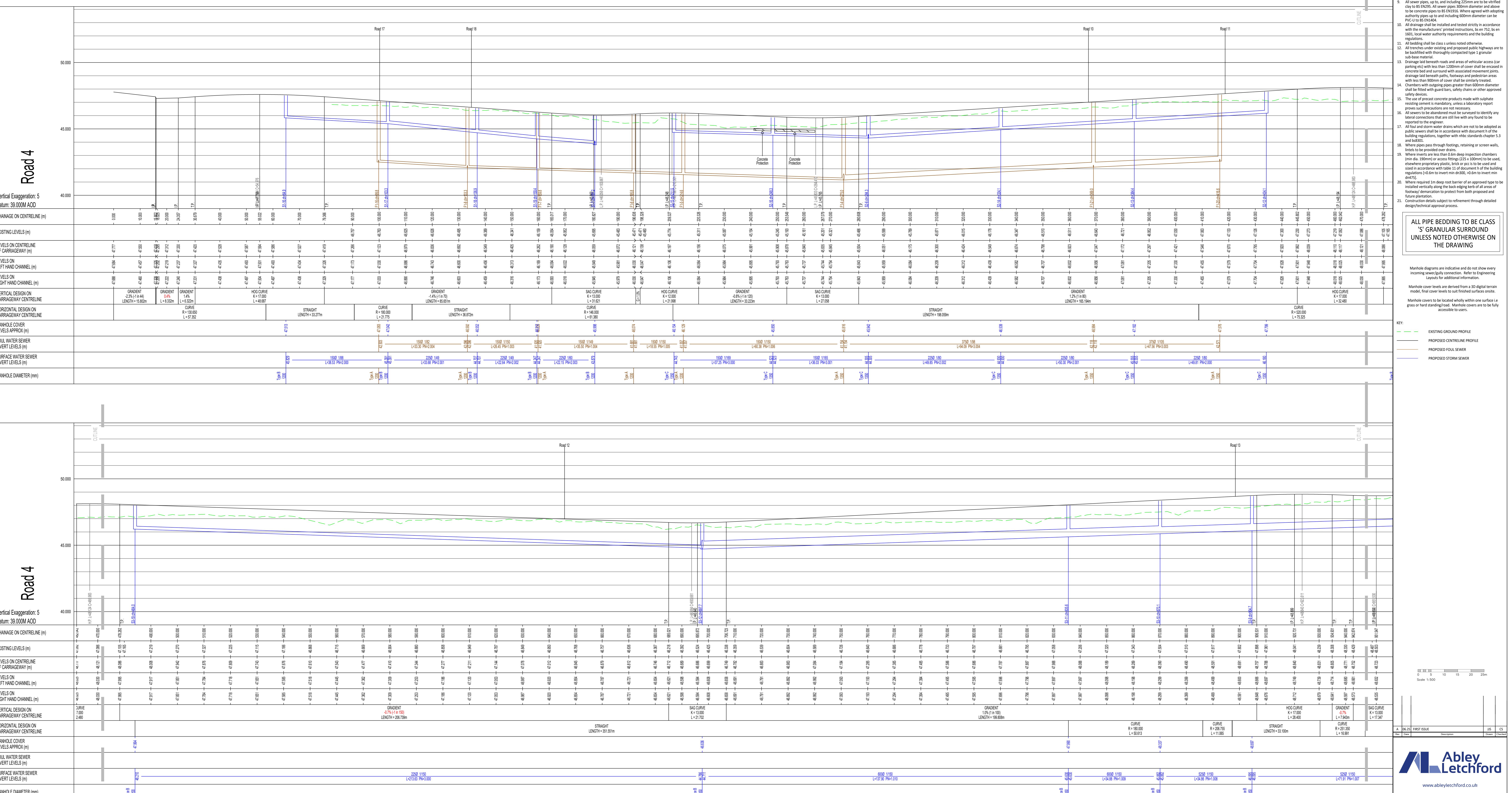
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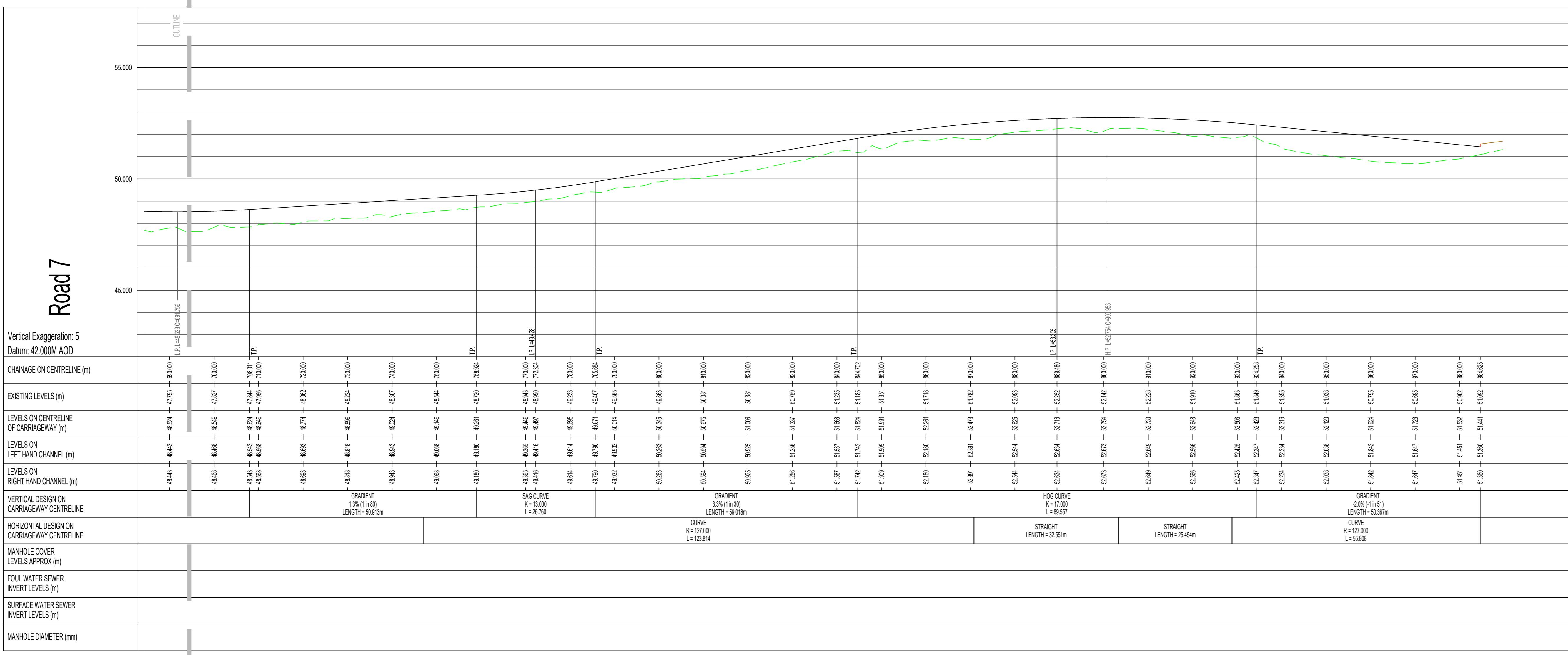
UNIVERSITY OF READING

Project: LODDON GARDEN VILLAGE

Title: LONGITUDINAL SECTIONS
SHEET 1 OF 6

Scale: 1:1000
1500 H @ A0 Date: June 2025 Drawing No: A392-OPA-0130
1100 V Drawing No: A392-OPA-0130
Drawing No: A392-OPA-0130 Revision: A





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ection:

be read in conjunction with and checked
rawings, Engineering details, Specification and
otechnical or other specialist document

for context only, refer to other project
ls.

age works to be constructed as detailed in
ction guidance or as stipulated in the water
dum.

re to be the subject of a section 104
water industry act 1991.

sting manholes and sewers are to be checked
struction commences and results reported to

responsible for maintaining continuity of flow
vers within the site boundary and limit of
ation of the project.

works to comply with bs en124, and be
kitemark. covers to suit loading as below;
ays and roads - d400
and verges - c250
and pedestrian areas - b125
ndscaping - a15
o to, and including 225mm are to be vitrified
All sewer pipes 300mm diameter and above
es to BS EN1916. Where agreed with adopting
to and including 600mm diameter can be
04.

be installed and tested strictly in accordance
ducers' printed instructions, bs en 752, bs en
uthority requirements and the building

the class s unless noted otherwise.

existing and proposed public highways are to
thoroughly compacted type 1 granular

neath roads and areas of vehicular access (car
ess than 1200mm of cover shall be encased in
surround with associated movement joints.

neath paths, footways and pedestrian areas
mm of cover shall be similarly treated.

ntgoing pipes greater than 600mm diameter
n guard bars, safety chains or other approved

concrete products made with sulphate
s mandatory, unless a laboratory report
utions are not necessary.

andoned must be surveyed to identify any
s that are still live with any found to be
engineer.

water drains which are not to be adopted as
ll be in accordance with document h of the
ns, together with nhbc standards chapter 5.3

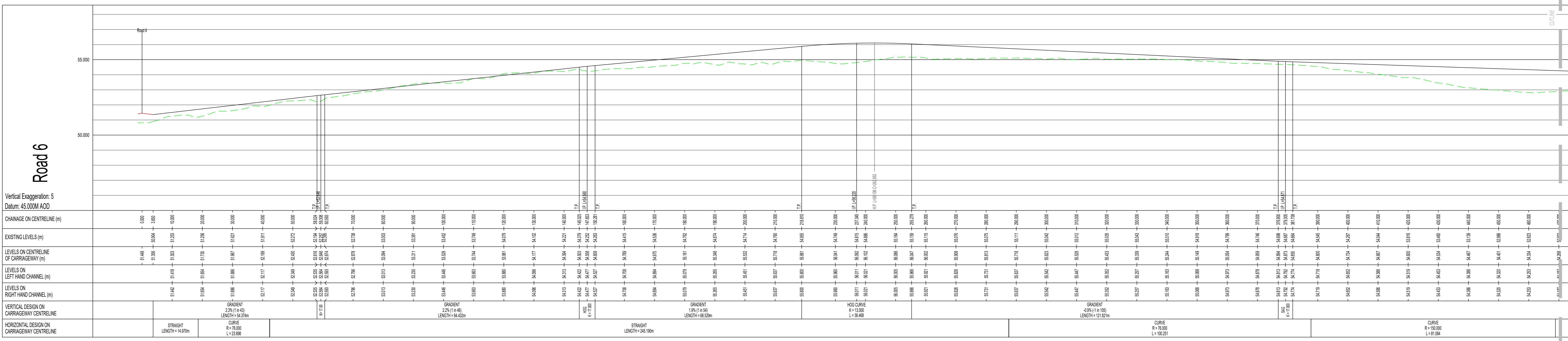
through footings, retaining or screen walls,
led over drains.

less than 0.6m deep inspection chambers
or access fittings (225 x 100mm) to be used,
ary plastic, brick or pcc is to be used and
e with table 11 of document h of the building
n to invert min dn300, >0.6m to invert min

m deep root barrier of an approved type to be
along the back edging kerb of all areas of
tion to protect from both proposed and

ils subject to refinement through detailed
pproval process.

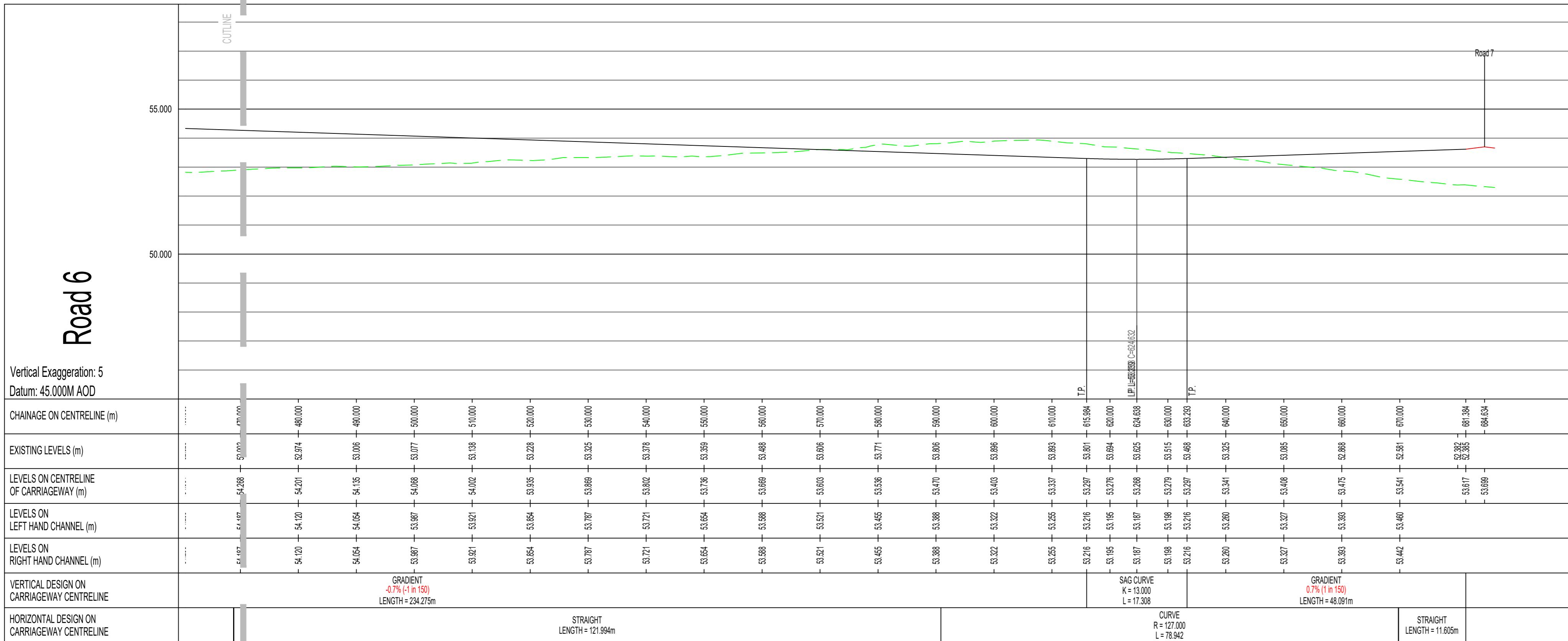
ANULAR SURROUND
NOTED OTHERWISE ON
THE DRAWING



ams are indicative and do not show every
r/gully connection. Refer to Engineering
uts for additional information.

to be located wholly within one surface i.e
driveway/road. Manhole covers are to be fully
accessible to users.

STING GROUND PROFILE POSED CENTRELINE PROFILE



A horizontal number line with tick marks at 10, 15, 20, and 25m. The segment from 10 to 25m is shaded gray.

10 of 10 | Page

THE INFLUENCE OF THE CULTURE OF THE PARENTS ON THE CHILD'S LANGUAGE 11

	JJS	CS
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Description	Drawn	Checked

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Page 1 of 1

TY OF READING

GARDEN VILLAGE

ORDINAL SECTIONS DEF. 6

JF 6

11. **What is the primary purpose of the following statement?**

5-2025	Drawn	Checked
	HS	CC

E 2025	JJS	CS
000A_0122		Revision A

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Manhole Schedule/longitudinal:

- Do not scale.
- This drawing is to be read in conjunction with and checked
against all other drawings, including details, Specification
and any other drawings, General notes or other specific documents
provided.
- Levels shown for context only, refer to other project
drawings for details.
- All adoptable drainage works to be constructed as detailed in
the drainage specification and checked in the water
authorities addendum.
- All public sewers are to be the subject of Section 100
Approval by the water industry act 1991.
- Invest levels of existing manholes and sewers are to be checked
on site before construction commences and results reported to
engineers.
- The contractor is responsible for ensuring the correct continuity of flow
for foul and storm sewers within the boundaries and limits
of the works for the duration of the project.
- All drainage networks to comply with section 124, and be
stamped with the relevant authority to foul feeding as below:
-carriageways and roads - 4400
-driveways - 4401
-footways and pedestrian areas - b121
-gardens/landscaping - a15
- All new foul and storm sewers 225mm are to be vitrified
clay to BS EN295. All sewer pipes 300mm diameter and above
to be vitrified clay to BS EN1311. Where agreed with the
authority pipes up to and including 600mm.
- PVC-U to BS EN1401
- All drainage to be installed and tested strictly in accordance
with the manufacturers' printed instructions, as on page 732, in
1601, local water authority requirements and the building
regulations.
- All bedding shall be class 5 unless noted otherwise.
- Manholes shall be located in the carriageway and footways are to
be backfilled with thoroughly compacted type 1 granular
- Driveways, roads and areas of vehicular access (car
parking etc) with less than 1200mm of cover shall be encased
in concrete bed and surround with association movement joints.
driveways such as paved areas and paths shall be encased
with less than 900mm of cover shall be similarly treated.
- Cast iron manholes shall be encased in concrete and
shall be fitted with guard bars, safety chains or other appropriate
safety devices.
- The most recent concrete products made with sulphate
resisting cement is mandatory, unless a laboratory report
proves such products are not necessary.
- All manholes are to be braced and located to identify any
latent connections that are still in use any found to be
repaired.
- All foul and storm drains which are not to be adopted as
public sewers shall be in accordance with document F of the
building regulations, together with either chapter 5.3
and/or 5.5.
- Where pipes are less than 1.6m deep inspection chambers
must be provided. Inspection chambers must be located
elsewhere in accordance with table 11 of document F of the building
regulations, together with either chapter 5.3 and/or 5.5.
- Where required in deep road cuts an approved type to be
installed vertically along the back edging of all areas of
footway/ demarcation to protect from both proposed and
future movements.
- Construction details subject to refinement through detailed
design/technical approval process.

ALL PIPE BEDDING TO BE CLASS
'S' GRANULAR SURROUND
UNLESS NOTED OTHERWISE
ON THE DRAWING

Manhole diagrams are indicative and do not show every
incoming sewer/gully connection. Refer to Engineering
and Construction drawings for details.

Manhole cover levels are derived from a 2D digital terrain
model, final cover levels to suit finished surfaces onsite.

Manholes to be located wholly within one surface. Le
grass or hard standing/road. Manhole covers are to be fully
accessible to users.

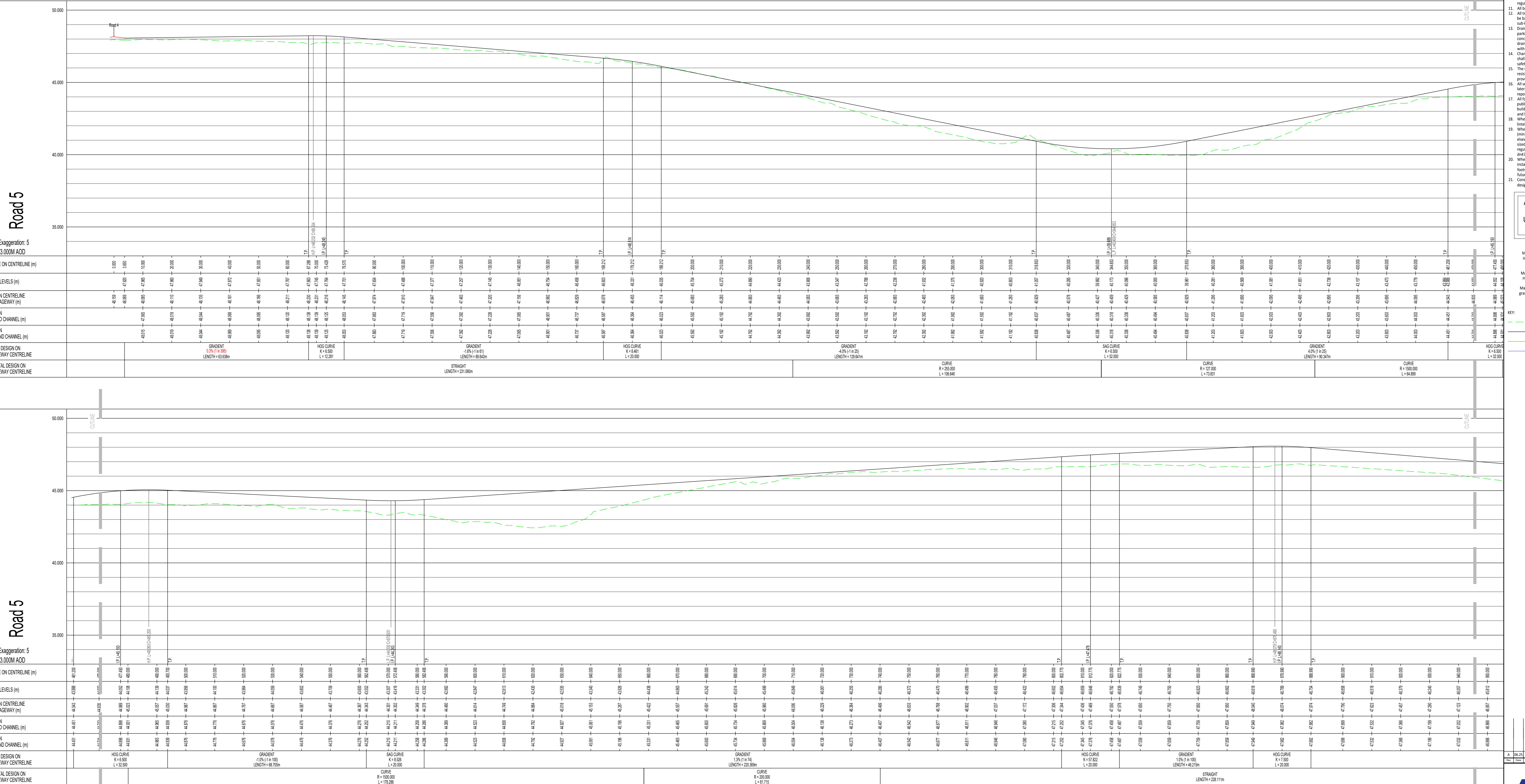
KEY:

EXISTING GROUND PROFILE

PROPOSED CENTRELINE PROFILE

PROPOSED FOUL SEWER

PROPOSED STORM SEWER



Scale 1:1000

0 5 10 15 20 25 30 35 40 45 50

UNIVERSITY OF READING

Project: LODDON GARDEN VILLAGE

Title: LONGITUDINAL SECTIONS SHEET 5 OF 6

Sheet:

1500 H @ A0

1100 V

Drawing No:

A392-OPA-0134

A

Date: June 2025

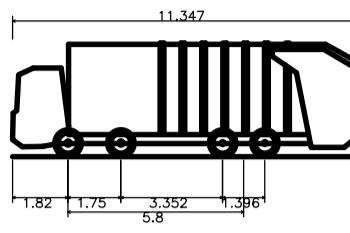
Drawn: JJS

Checked: CS

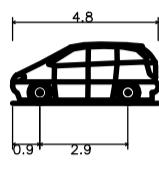
GENERAL NOTES:

1. Do not scale.
2. Refer to all other Project Drawings and supporting notes.

VEHICLE DIMENSIONS AND SPECIFICATIONS:



Large Refuse Vehicle (4 axle)
Overall Length 11.347m
Overall Width 2.500m
Overall Body Height 3.751m
Min. Body Ground Clearance 0.100m
Track Width 2.500m
Lock to lock time 6.00s
Wall to Wall Turning Radius 11.330m

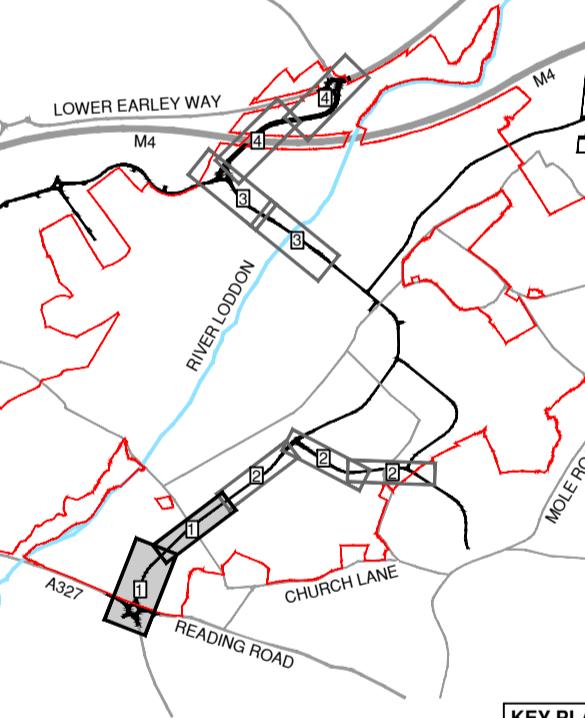


Standard Design Vehicle (SDV)
Overall Length 4.800m
Overall Width 2.000m
Overall Body Height 1.950m
Min. Body Ground Clearance 0.100m
Track Width 2.000m
Lock to lock time 4.00s
Wall to Wall Turning Radius 6.00m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

Scale 1:500



KEY PLAN
Redline Boundary

A 06.25 FIRST ISSUE RG CS
Rev Date Description Drawn Checked

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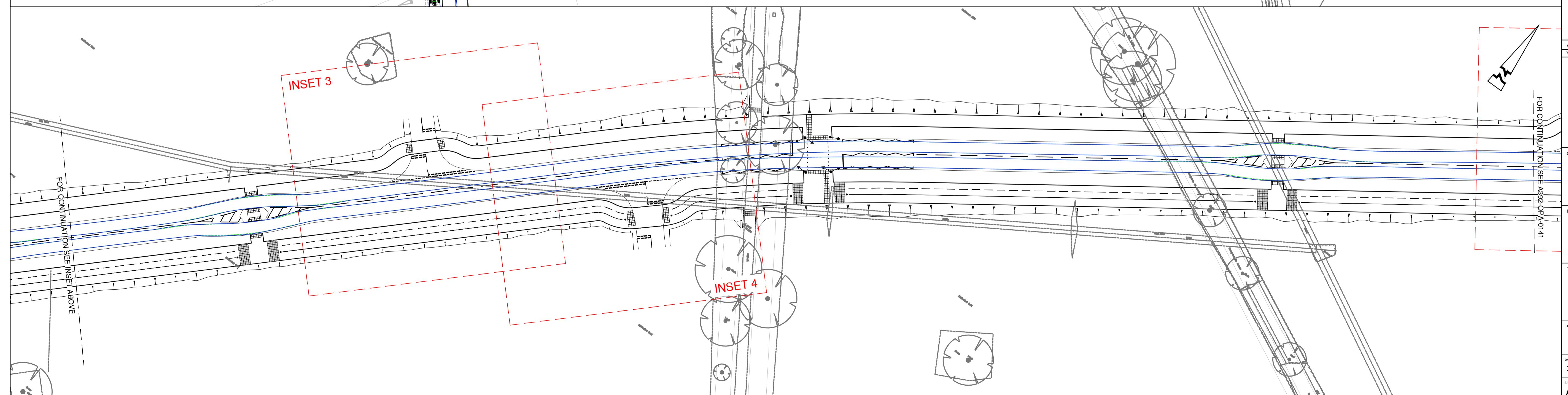
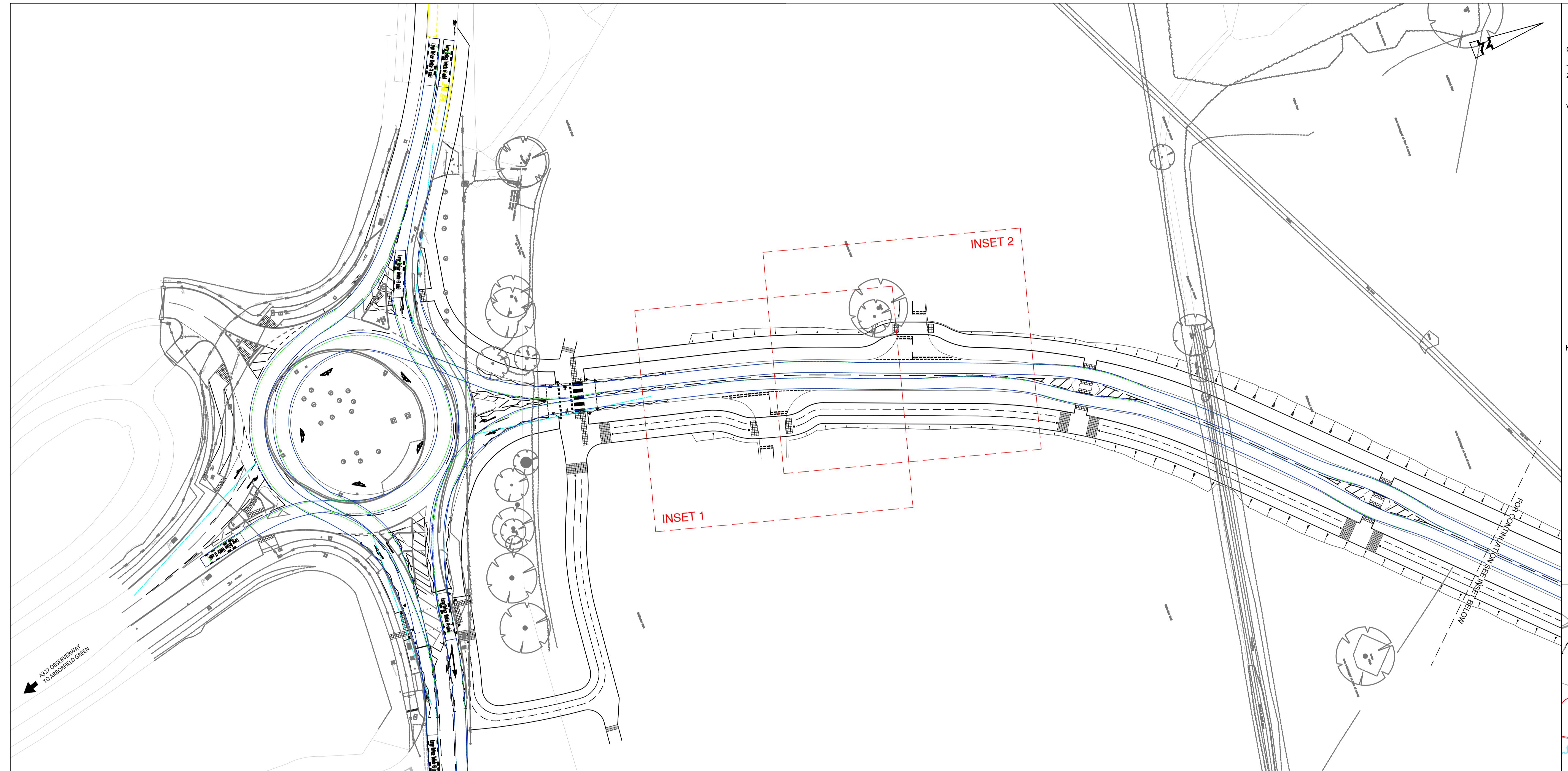
LODDON GARDEN VILLAGE

Title
REFUSE VEHICLE AND FIRE
TENDER SWEPT PATHS
SHEET 1 OF 6

Status

Scale 1:500 @ A1 Date JUN 2025 Drawn RG Checked CS

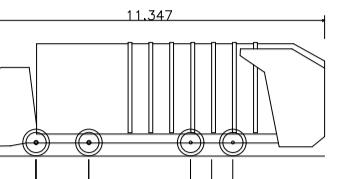
Drawing No A392-OPA-0140 Revision A



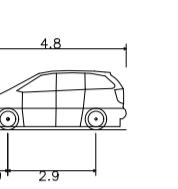
GENERAL NOTES:

1. Do not scale.
2. Refer to all other Project Drawings and supporting notes.

VEHICLE DIMENSIONS AND SPECIFICATIONS:



Large Refuse Vehicle (4 axle)
Overall Length 11.347m
Overall Width 2.50m
Overall Body Height 3.75m
Min Body Ground Clearance 0.304m
Track Width 2.00m
Lock to lock time 6.00s
Wall to Wall Turning Radius 11.330m

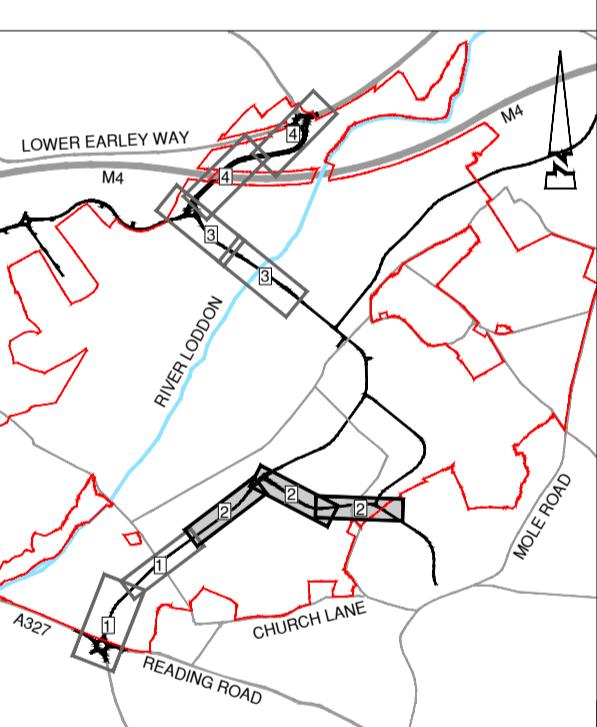


Standard Design Vehicle (SDV)
Overall Length 4.800m
Overall Width 2.00m
Overall Body Height 1.95m
Min Body Ground Clearance 0.100m
Track Width 1.900m
Lock to lock time 4.00s
Wall to Wall Turning Radius 6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MFS)

Scale 1:500
0 5 10 15 20 25



KEY PLAN
Redline Boundary

A	06.25	FIRST ISSUE	RG	CS
Rev Date		Description	Drawn	Checked

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Client

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Project

LODDON GARDEN VILLAGE

Title
REFUSE VEHICLE AND FIRE
TENDER SWEPT PATHS
SHEET 2 OF 6

Status

Scale 1:500 @ A1 Date JUN 2025 Drawn RG Checked CS

Drawing No A392-OPA-0141 Revision A

