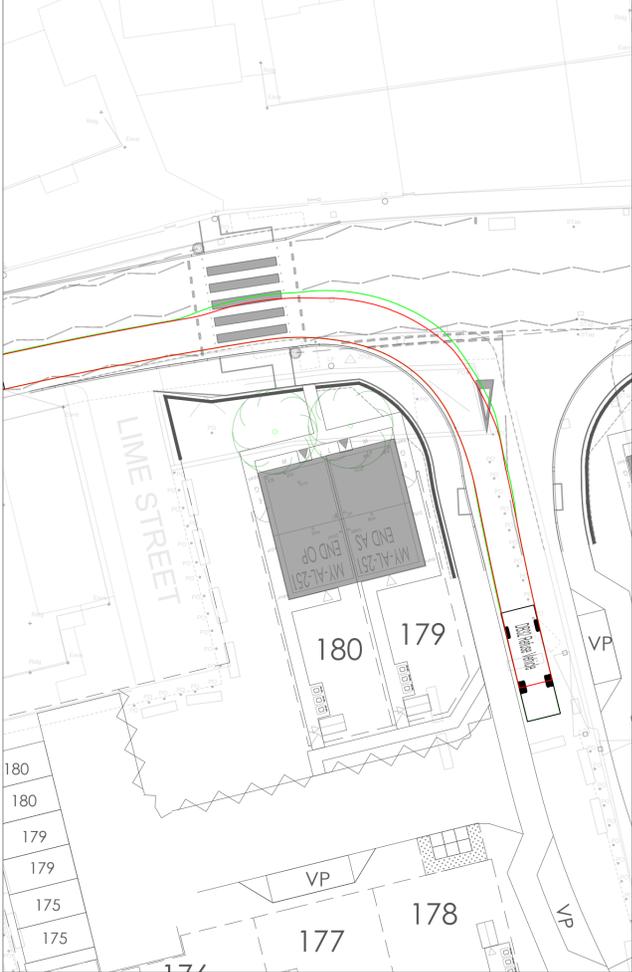


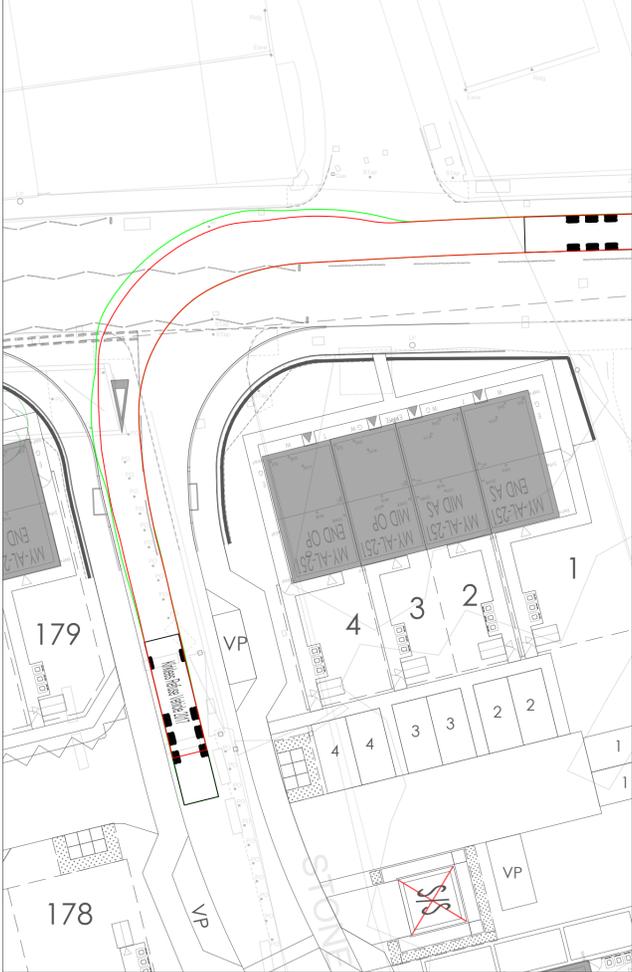
LEFT OUT - Kirklees Refuse Vehicle 2017



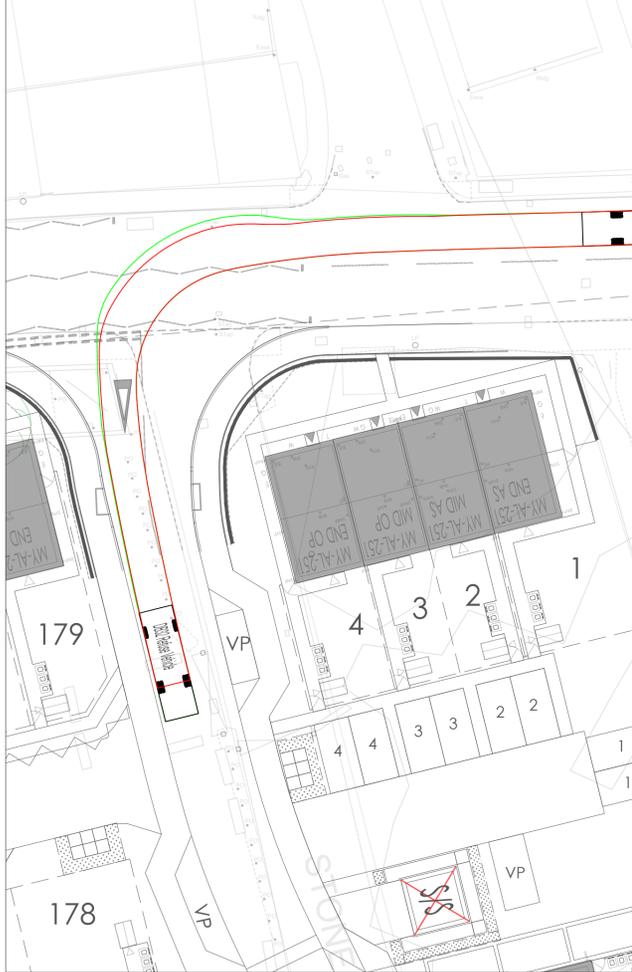
LEFT OUT - DB32 Refuse Vehicle



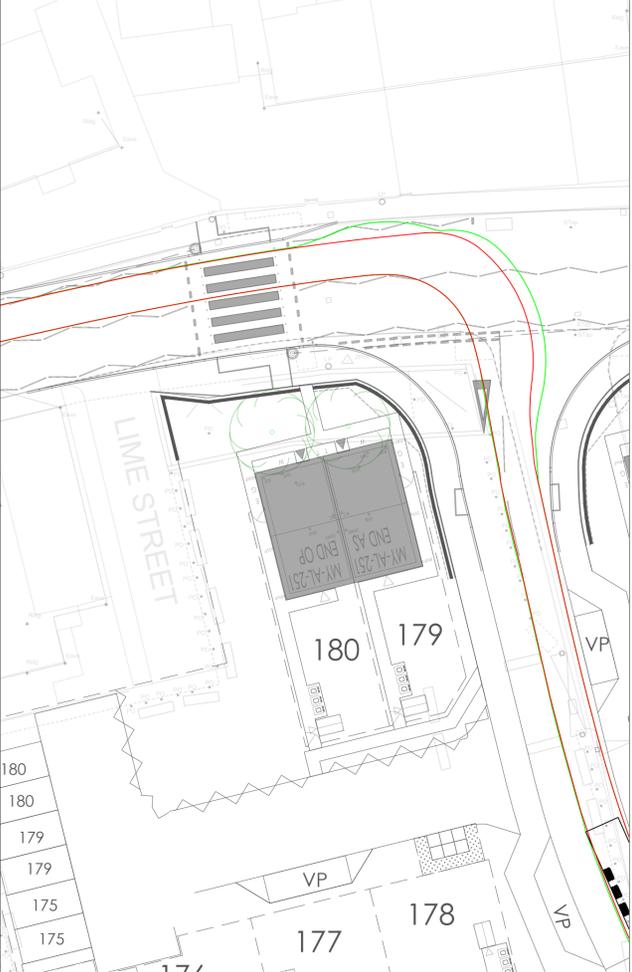
RIGHT OUT - Kirklees Refuse Vehicle 2017



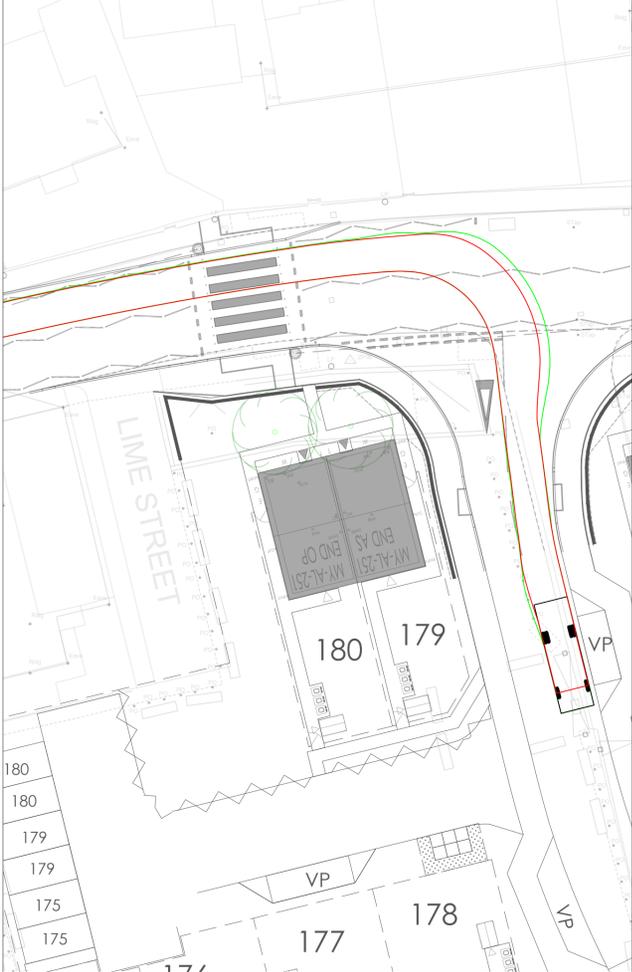
RIGHT OUT - DB32 Refuse Vehicle



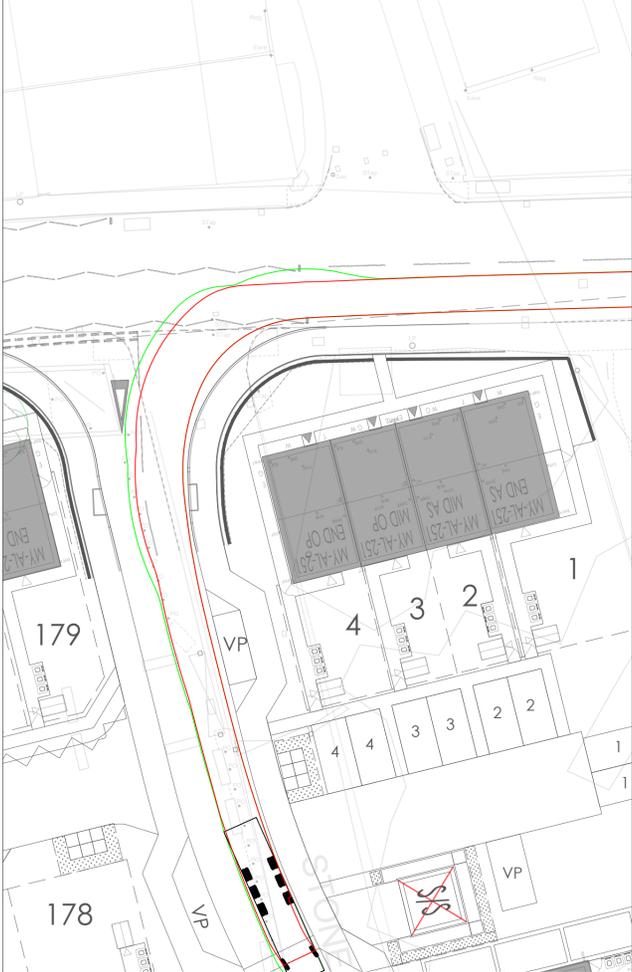
RIGHT IN - Kirklees Refuse Vehicle 2017



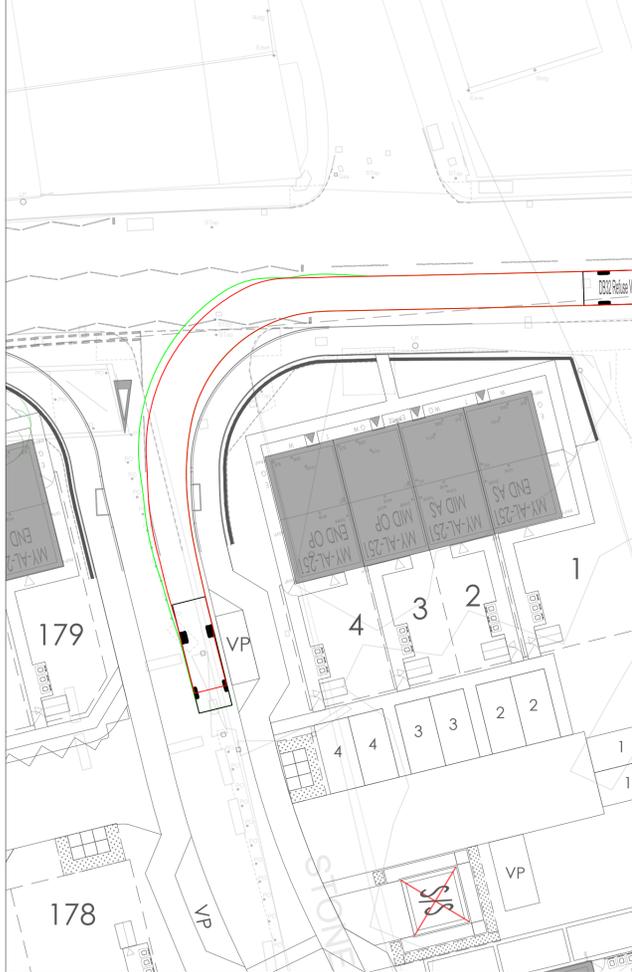
RIGHT IN - DB32 Refuse Vehicle



LEFT IN - Kirklees Refuse Vehicle 2017



LEFT IN - DB32 Refuse Vehicle



Only PDF/DWG files of this drawing are controlled. All other formats (eg. DWG AutoCAD FILES) are UN-controlled and are used at your own risk.

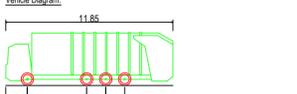
- General Notes:**
- DO NOT USE THIS DRAWING IN ISOLATION. This drawing has been prepared as part of a set, and must therefore be read in conjunction with all other drawings. Any discrepancies or design queries must be reported to the engineer prior to completion of tender and commencement of works. Following completion of tender it is assumed that developer and Contractor are in full agreement with the design drawings (with the exception of pre tender queries only).
 - Third party information is used to prepare the engineering design (including architectural layout, ground investigation, existing utilities records, and specialist design items). The engineering design must therefore be read in conjunction with all third party information prior to commencing work. Queensberry Design Ltd are not responsible for any third party information or details.
 - House type working drawings are to be used in conjunction with the plot setting out drawing.
 - Drawing status will remain preliminary until full technical approval is received from local authority and sewerage undertaker. Works commenced prior to technical approval are done so at risk and may be subject to change.
 - The Contractor is expected to prepare appropriate construction method statements for all aspects of appointed work. This should include any temporary protection works.
 - Land drainage is not permitted to discharge into the public sewer network. Any need for land drainage should be assessed by the ground worker and landscaper during construction and placement of gardens on an individual plot basis. If land drainage designs are required, they should be appointed prior to plot completion.
 - The Contractor is expected to cross check all drainage inverts prior to commencing work, this may involve completion of trial holes if invert levels have been interpolated.
 - The Contractor must monitor the 'as built' progress of each construction stage (roads/sewers/plot works/ etc.) to enable the next stages of construction to be checked before installation. For this reason the design of floor levels, external works, retaining walls, and plot drainage are to be read as guidance only.

- Highways**
- All highway works to be carried out in accordance with the Design Manual for Roads and Bridges (DMRB), the Manual of Contract Documents for Highway Works, Specification for Highway Works (MCHW SHW) and the current local authority highway design guide.
 - Highway authority to be notified by the Contractor prior to the commencement of works.
 - All statutory consents, opening notices etc. as required under the Highways Act are to be obtained by the Contractor.
 - Extents of works shown is for guidance only and shall be read against all drawings.
 - Swept paths are tracked at the fastest speed at which the preferred line can be followed - further turning-on-the-spot could reduce the extent of path shown significantly.

Existing Services
Any existing services which may be affected by the proposed works should be located by means of a hand dig in close liaison with the statutory service authorities. The Contractor shall inform the developer of any services that may affect the proposed design.
Contractor to notify statutory service authorities prior to commencement of work.

As Constructed Information
Refer to General Note 8 above. It is the Contractor's responsibility to provide the following as constructed drawings to the developer upon the completion of the works covered by the contract:

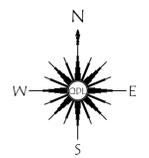
- Position/coordinates of all adoptable manholes.
- Invert and cover levels of all adoptable manholes.
- New gully positions and connections.
- Position and depth of service ducts for water, gas, electric, BT, cable and street lighting, stating size and number of ducts.



Kirklees Refuse Vehicle 2017
Overall Length 11.850m
Overall Width 2.430m
Overall Body Height 3.740m
Min Body Ground Clearance 0.388m
Track Width 2.450m
Lock to lock time 6.00s
Wall to Wall Turning Radius 11.900m



DB32 Refuse Vehicle
Overall Length 7.900m
Overall Width 2.430m
Overall Body Height 3.153m
Min Body Ground Clearance 0.388m
Max Track Width 2.450m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 9.625m



Rev	Date	Revision Details	Drawn	Checked
C	22.08.2024	MODIFIED FOLLOWING KC COMMENTS.	MK	ND
B	20.08.2024	DESIGN VEHICLE MODIFIED.	MK	ND
A	19.07.2024	MODIFIED FOLLOWING KC COMMENTS.	MK	ND
-	11.07.2024	INITIAL ISSUE FOR KC DESIGN REVIEW.	MK	ND

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Client	STRATA HOMES		
Project	Westgate Cleckheaton		
Title	Section 278 Refuse Vehicle Swept Path Analysis		
Drawn	MK	Checked	ND
Date	JULY 2024		
Drawing Number	QD1776-40-11		
Drawing Status	PRELIMINARY	Scale	1:250 (@ A1)
Rev	C		