

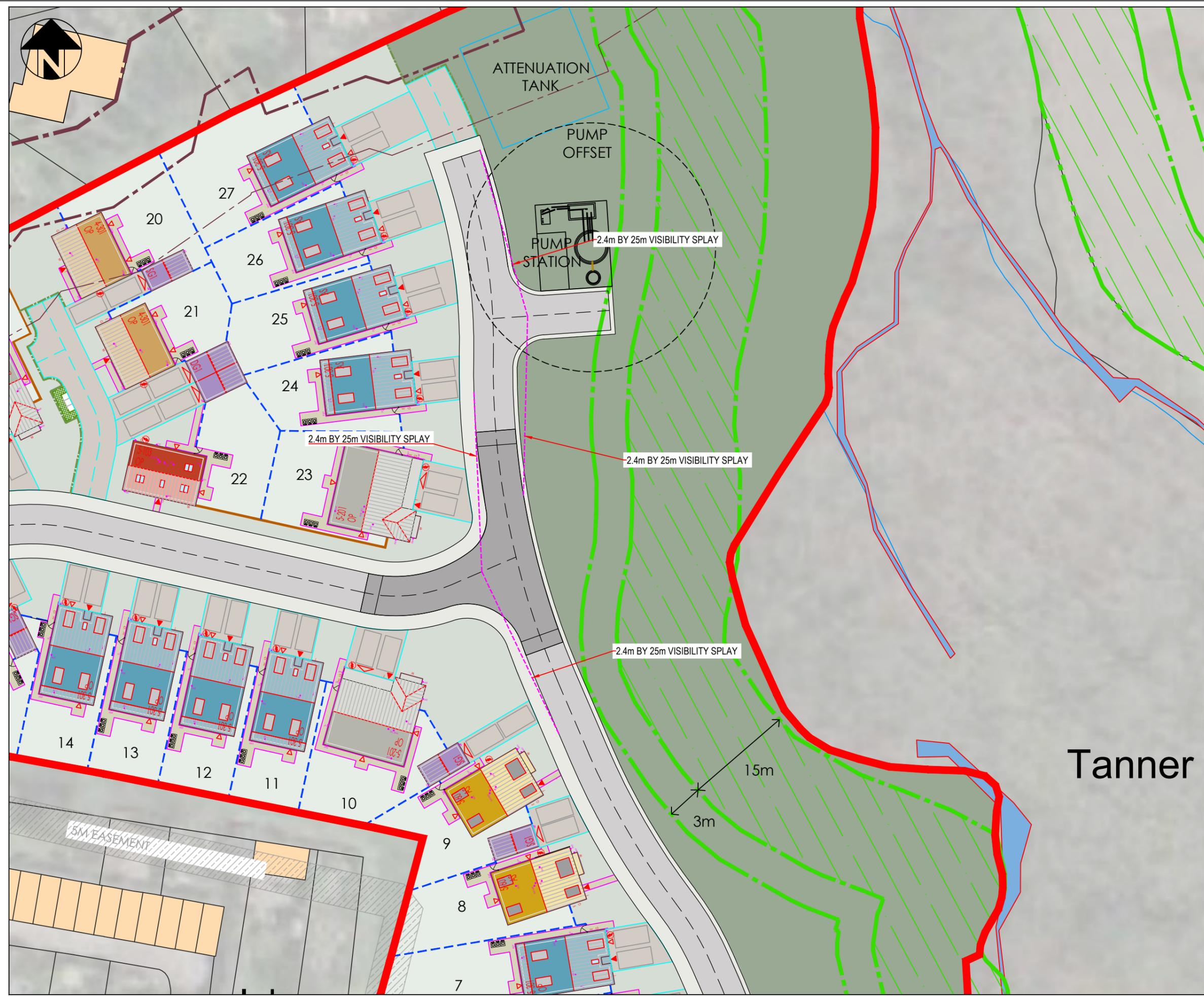
- **HIGHWAYS COMPLIANCE CHECKLIST:** Proposed Residential Development of 27 Dwellings, Barnsley Road, Denby Dale
- **LOCAL AUTHORITY:** Kirklees Council (KC)
- **SUPPORTED BY:** **Appendix A** – Proposed Site Layout, **Appendix B** – Site Visibility Splays; **Appendix C** – Site Access Visibility Splays; **Appendix D** – Site Access Design; **Appendix E** – Swept Path Analysis

	Relevant Guidance	Requirement	Proposed Development	Indicated on Appended Drawing
Parking	Kirklees Highway Design Guide SPD	Kirklees Council has not set local parking standards for residential and non-residential development. However, as an initial point of reference for residential developments (unless otherwise evidenced using the criteria in Para. 5.1), it is considered that new: <ul style="list-style-type: none"> <li>→ 4+ bedroom dwellings provide three off-street spaces.</li> </ul> One cycle space per unit is recommended.	4/5 bedroom dwellings are provided with 3 parking spaces in the form of driveways and garages.  Cycle parking and EV charging is provided for within the garages of each unit.	Driveways and garages are set out in the proposed site layout plan at <b>Appendix A</b> .
Carriageway width (adopted roads)	Kirklees Highway Design Guide SPD	Local Residential Street (Type B) – Carriageway width 5.5m	Carriageway widths of 5.5m are provided across the site.  2m wide pedestrian footways will also be provided on at least one side of all adopted sections of road. Where a footway is provided only on one side of the carriageway, a 0.6m wide margin is to be provided on the opposite site.	Carriageways and footways are set out in <b>Appendix A</b> .
Carriageway Width (private drives)	Kirklees Highway Design Guide SPD	Shared Surface Street (Type C) – Carriageway width 5.5m	Shared surface private drives are 5.5m wide.	Identified with pink road lining in <b>Appendix A</b> .
Visibility Splays within site	Manual for Streets	Site Design Speed of 20mph	The site has been designed with a 20mph speed limit.	Visibility splays are set out in the drawings numbered AMA-21154-SK-005/006 <b>Appendix B</b> .
Visibility at Site Access	Design Manual for Roads and Bridges	Barnsley Road is subject to a 40mph speed limit. In accordance with DMRB standards, visibility splays of 120m are required.	24 hour 7 day ATC speed surveys are currently being undertaken on the Barnsley Road carriageway within the vicinity of the proposed site access. Visibility splays will be provided in accordance with the results of the speed surveys.	Site access visibility splays are currently demonstrated in <b>Appendix C</b> . These will be revisited upon the receipt of the speed survey data.
Kerb Radii	Kirklees Highway Design Guide SPD	The recommended guidelines for junction radii set out that for the road type provided across the development (Type A / Option A), kerb radii's of 6m should be provided.	Kerb radii's of 6m have been provided across the site.	This is set out in the site access design drawing at <b>Appendix D</b> and is also seen across the site in <b>Appendix A</b> .
Turning heads / vehicle tracking	Kirklees Highway Design Guide SPD	Turning space is required for refuse vehicles to avoid the need for long reversing manoeuvres.  For a Type C Shared Surface Street which is less than 20m long, it may be possible for the refuse vehicle to reverse, under supervision, from a Type A or B street into the shared area. Where such arrangements are considered acceptable, the turning space at the end of a Type C street may be reduced to that required by a private car only. Consideration should also be given to providing a communal collection point at the access to the street.  Highways should be designed to accommodate a refuse vehicle with the dimensions: <ul style="list-style-type: none"> <li>→ Length = 11.85m</li> <li>→ Width = 2.50m</li> <li>→ Width when Loading = 4.10m</li> <li>→ Height = 6.00m (including toploader arms)</li> <li>→ Turning circle (wall to wall) = 22.07m</li> <li>→ Turning circle (between kerbs) = 17.88m</li> <li>→ Gross Vehicle Weight = 32 tonnes</li> </ul>	All turning areas including the site access have been tracked using the standard Kirklees Refuse Vehicle which has been demonstrated to suitably access and egress all areas of the site.	The swept path analysis is set out in <b>Appendix E</b> .
Max distance to bin stores	Kirklees Highway Design Guide SPD	Bin storage areas should be no further than 25m away from where an refuse vehicle can gain access.	One bin store is proposed which is situated a maximum of 10m from the furthest dwelling and 15m from the carriageway.	Provided for plots 20 and 21 as set out in <b>Appendix A</b> .

## APPENDIX A



## APPENDIX B



NOTES

P1	Preliminary - Initial Issue	-	-
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Project:  
BARNSELY ROAD, DENBY DALE

Client:  
STRATA HOMES YORKSHIRE LTD

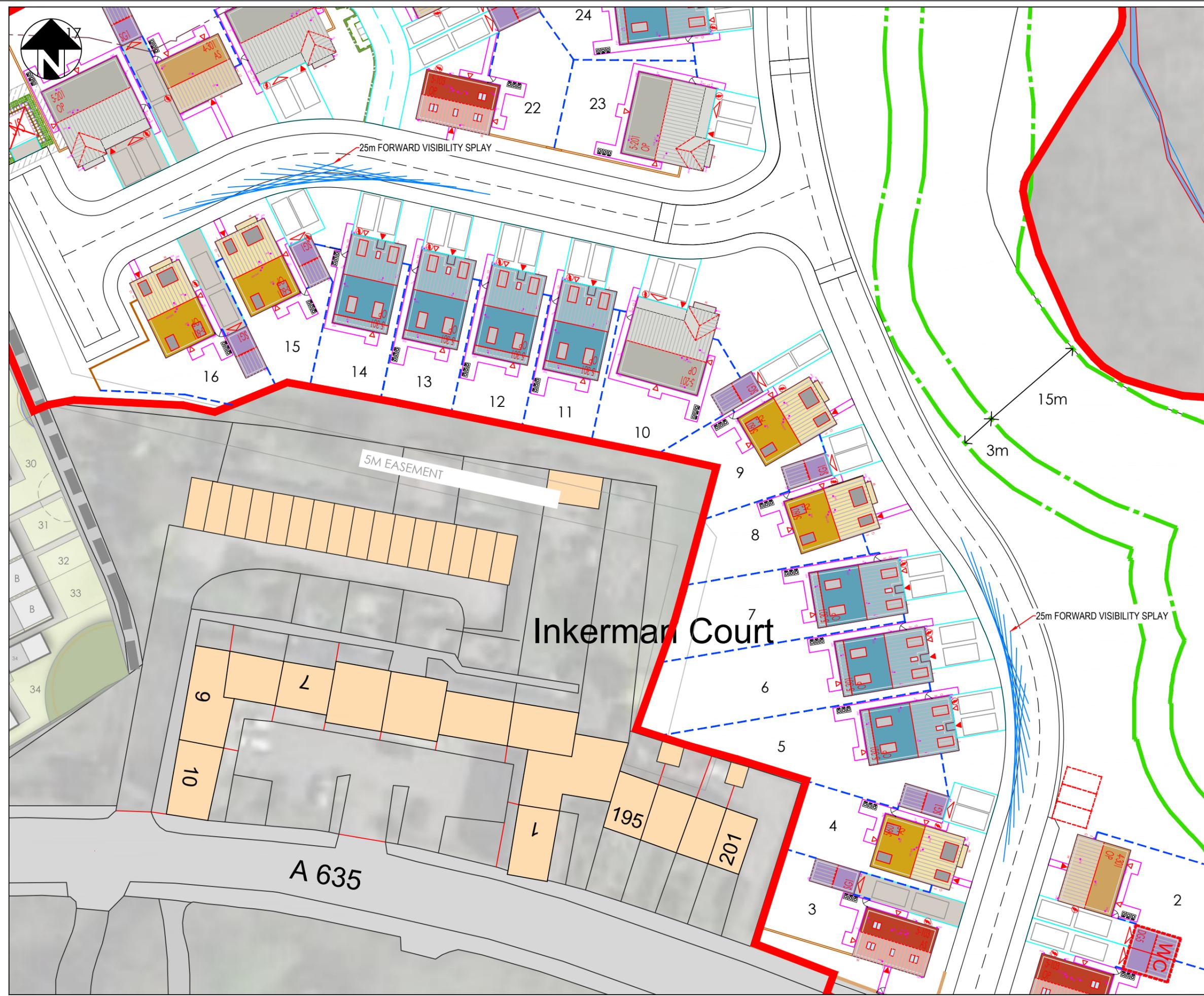
Drawing:  
VISIBILITY SPLAYS

Drawn By: RID	Date: 19/05/2023
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Drawing No. AMA/21154/SK005	Rev. -
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NOTES

P1	Preliminary - Initial Issue	-	-
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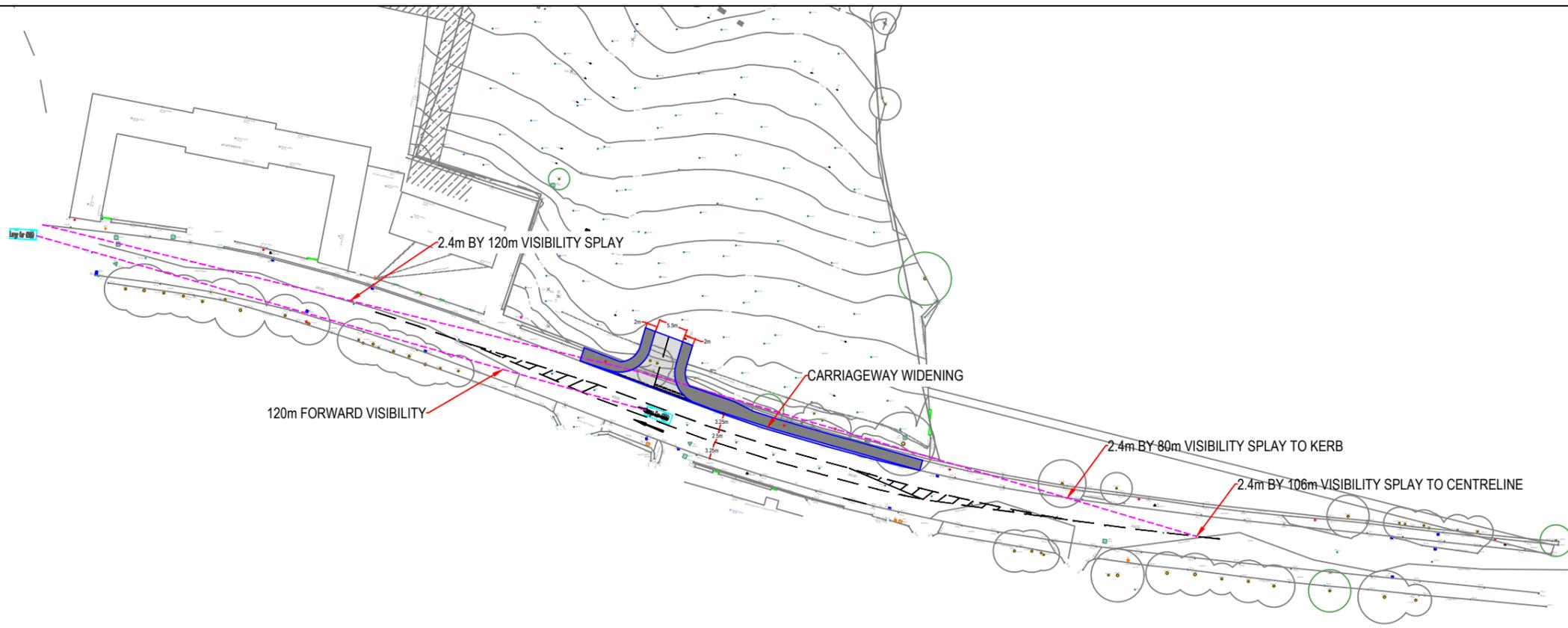
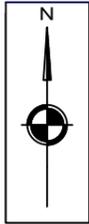
Project:  
BARNSELEY ROAD, DENBY DALE

Client:  
STRATA HOMES YORKSHIRE LTD

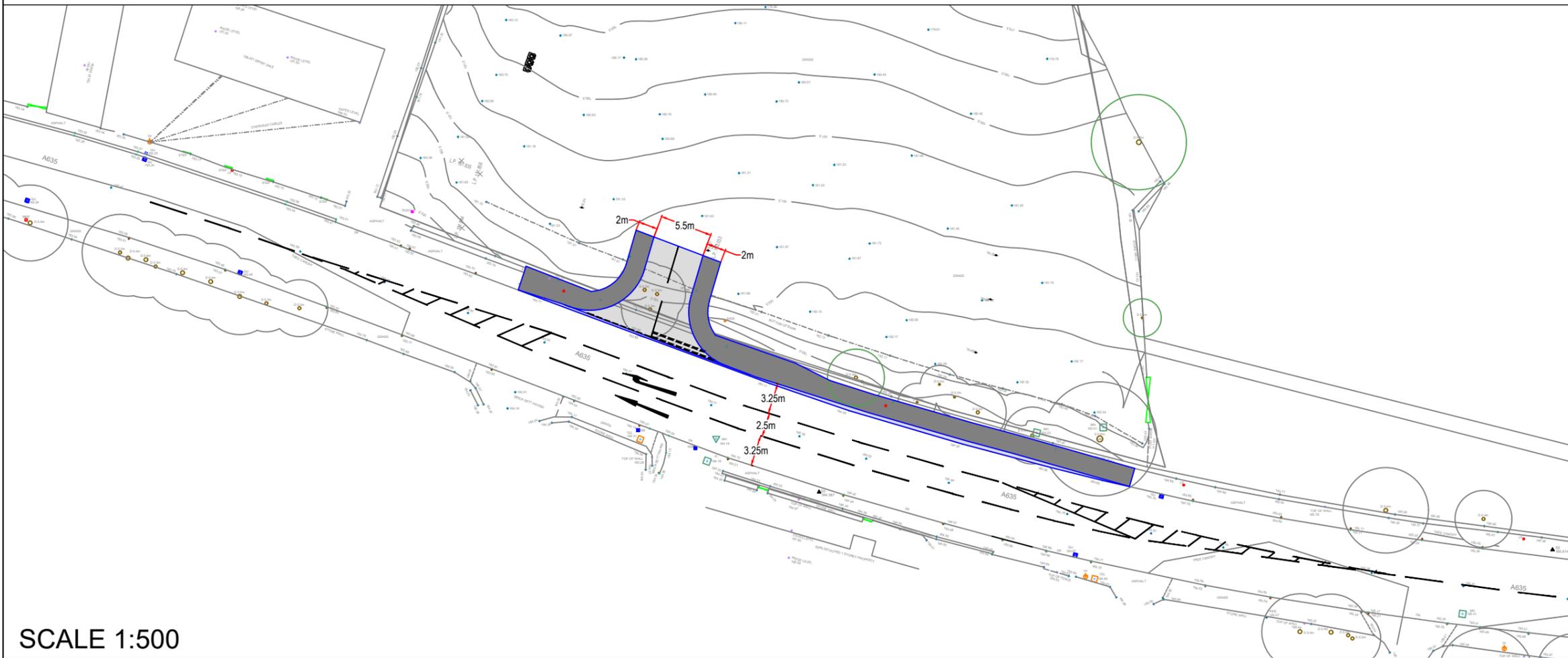
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VISIBILITY SPLAYS

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## APPENDIX C



SCALE 1:1000



SCALE 1:500

NOTES

REVISIONS

REV	DESCRIPTION	DATE	BY
-	-	-	-



Project:  
BARNESLEY ROAD, DENBY

Client:  
STRATA

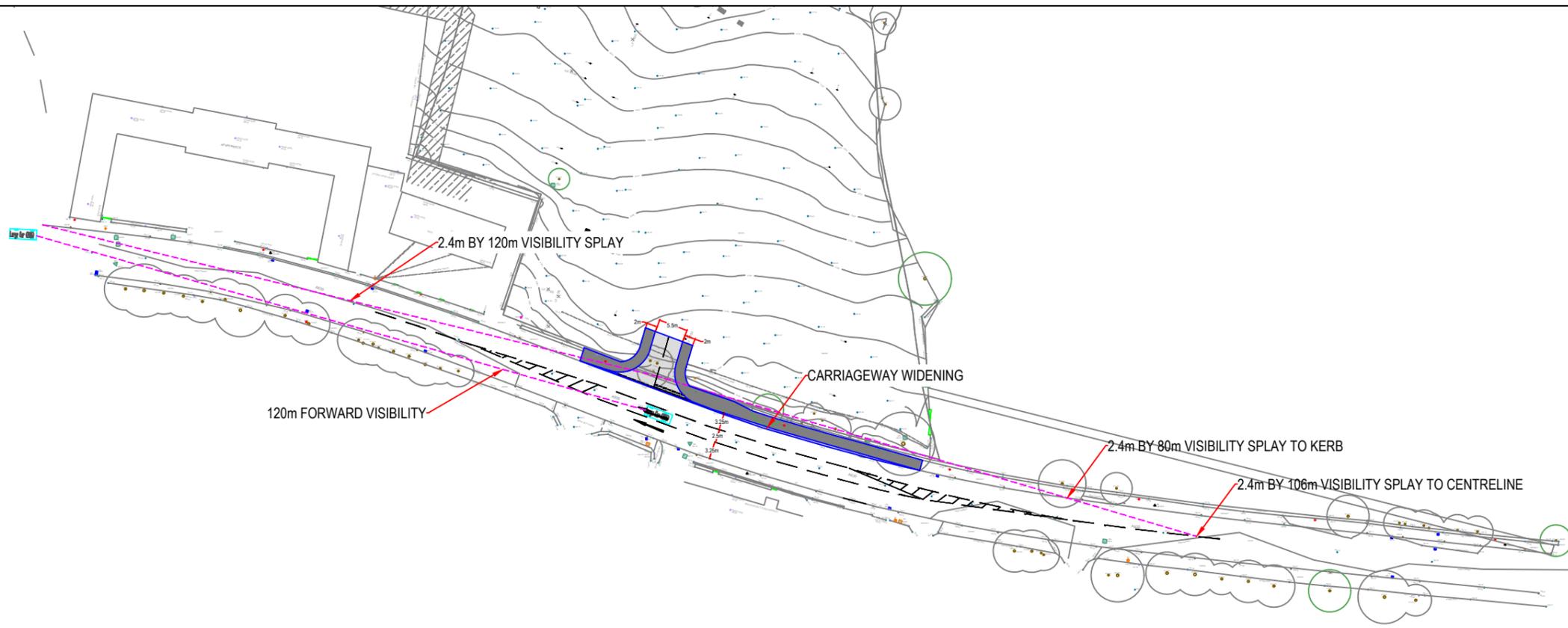
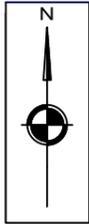
Drawing:  
PROPOSED SITE ACCESS  
VISIBILITY SPLAYS

Drawn By: MHT Date: 06/10/22

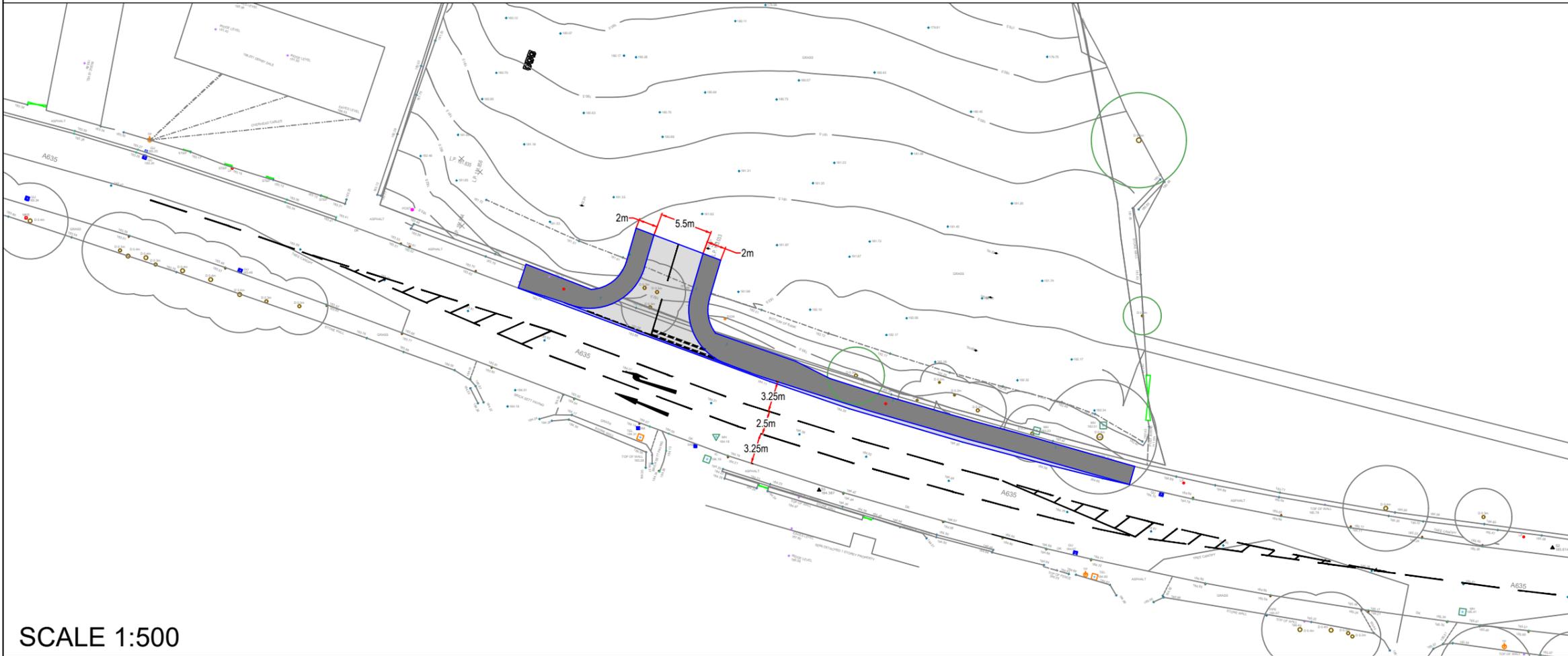
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Drawing No. AMA/21154/SK004 Rev. -

## APPENDIX D



SCALE 1:1000



SCALE 1:500

NOTES

REVISIONS

REV	DESCRIPTION	DATE	BY
-	-	-	-



Project:

BARNESLEY ROAD, DENBY

Client:

STRATA

Drawing:

PROPOSED SITE ACCESS  
VISIBILITY SPLAYS

Drawn By:

MHT

Date:

06/10/22

Checked:

ATM

Scale:

AS SHOWN @ A3

Drawing No.

AMA/21154/SK004

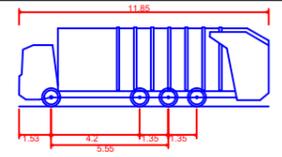
Rev.

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## APPENDIX E



NOTES



Kirklees Refuse Vehicle 2018	11.850m
Overall Length	2.500m
Overall Width	3.749m
Overall Body Height	0.302m
Min Body Ground Clearance	2.490m
Track Width	6.00s
Lock to lock time	11.000m
Wall to Wall Turning Radius	

P1 Preliminary - Initial Issue



Project:  
**BARNSELY ROAD  
DENBY DALE**

Client:  
**STRATA**

Drawing:  
**KIRKLEES REFUSE VEHICLE  
SWEEP PATH ANALYSIS**

Drawn By: <b>MSF</b>	Date: <b>12/05/2023</b>
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Drawing No. <b>AMA/21154/ATR005</b>	Rev. <b>-</b>
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