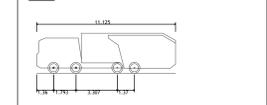


**DO NOT SCALE**  
**NOTES**

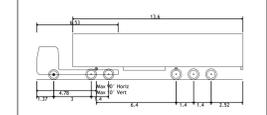
**GENERAL NOTES**  
 1. THE TOPOGRAPHICAL SURVEY IS BASED ON INFORMATION PRODUCED BY HAYCOCK & TODD, JOB NO. 25477, FILE 2017-10, BARNLEY WEST (DWG DATED MAY 2019). THE INFORMATION USED IN PREPARATION OF THIS AND ALL OTHER FORE CONSULTING DRAWINGS AND DRAWINGS IS NOT WARRANTED TO BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SURVEY INFORMATION PROVIDED AND REPORT ANY ANOMALIES TO FORE CONSULTING.

**DESIGN NOTES**  
 1. ALL DESIGN AND WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS:  
 - DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB);  
 - SPECIFICATION FOR HIGHWAY WORKS (SHW);  
 - MANUAL FOR STREETS AND HIGHWAYS;  
 - BARNLEY METROPOLITAN BOROUGH COUNCIL (BMBC) DESIGN GUIDE AND SPECIFICATION.  
 2. SWEEP PATH ANALYSIS PERFORMED USING AUTODESK VEHICLE TRACKING 2019 SOFTWARE WITH DYNAMICS SETTINGS ON.

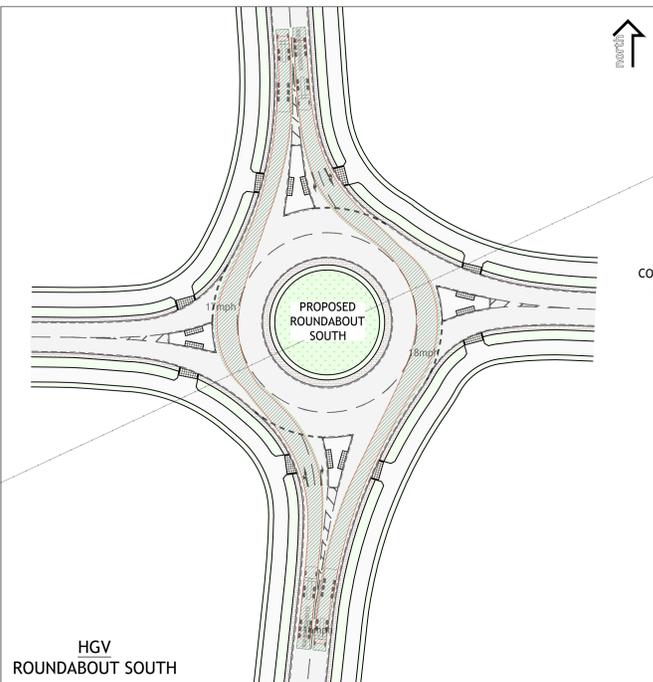
**KEY**  
  
 - WHEEL TRACK LINES  
 - VEHICLE MOVEMENT ENVELOPE



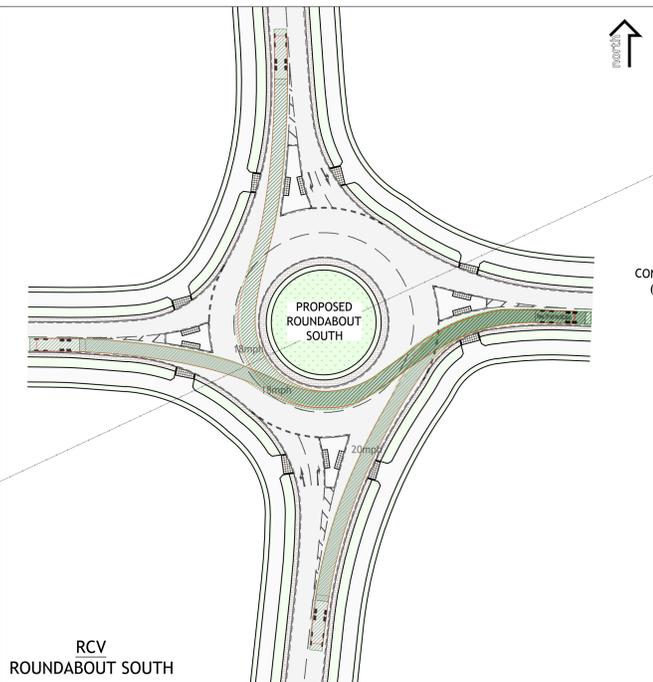
Phoenix 2.25W (with Volvo FM12 chassis)  
 Overall Length 11.125m  
 Overall Width 2.330m  
 Overall Body Height 3.300m  
 Min Body Ground Clearance 0.410m  
 Track Width 2.500m  
 Lock to lock time 4.00s  
 Kerb to Kerb Turning Radius 9.250m



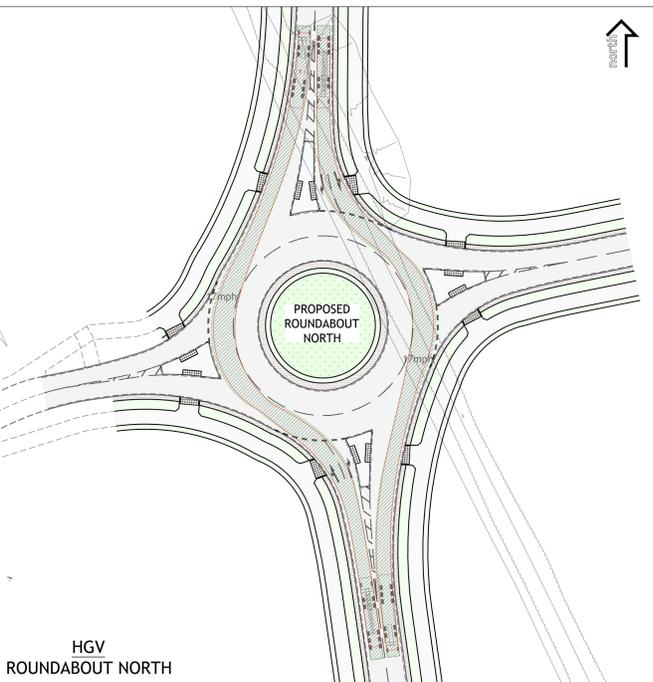
Max Legal Length (UK) Articulated Vehicle (16.5m)  
 Overall Length 16.500m  
 Overall Width 2.330m  
 Overall Body Height 3.481m  
 Min Body Ground Clearance 0.411m  
 Max Track Width 2.500m  
 Lock to lock time 6.30s  
 Kerb to Kerb Turning Radius 6.530m



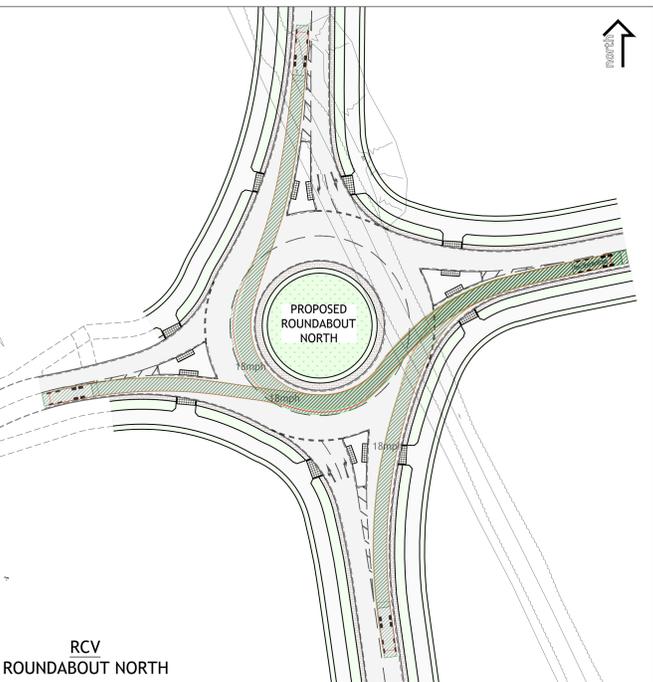
HGV  
 ROUNDABOUT SOUTH



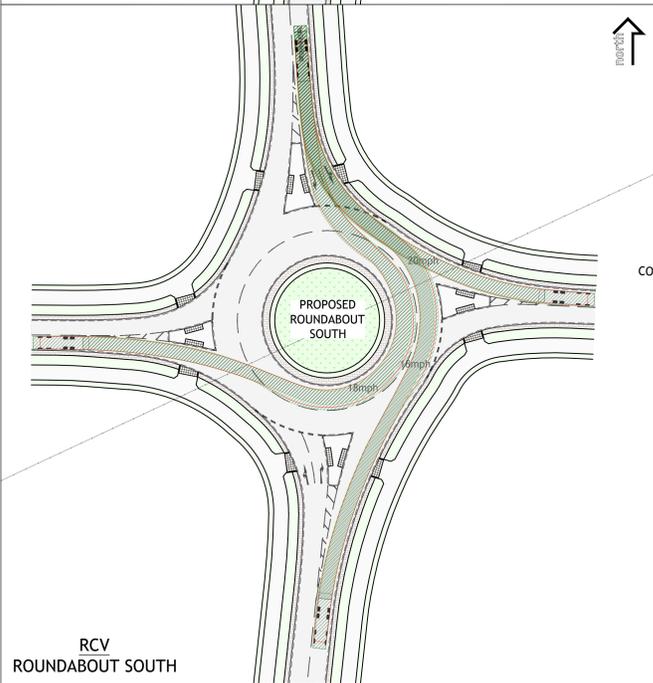
RCV  
 ROUNDABOUT SOUTH



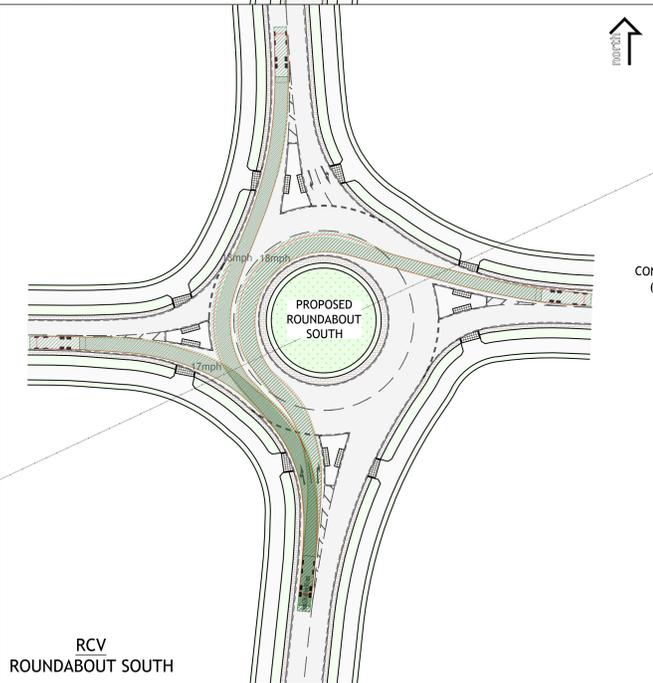
HGV  
 ROUNDABOUT NORTH



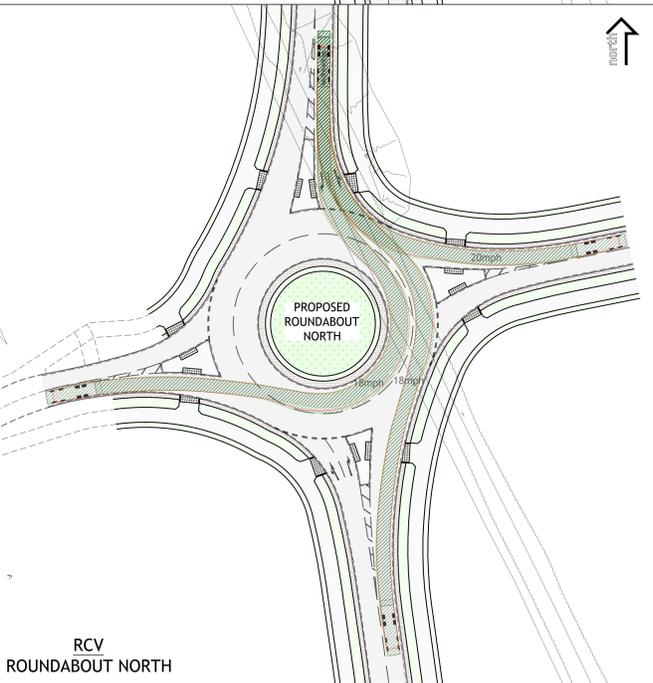
RCV  
 ROUNDABOUT NORTH



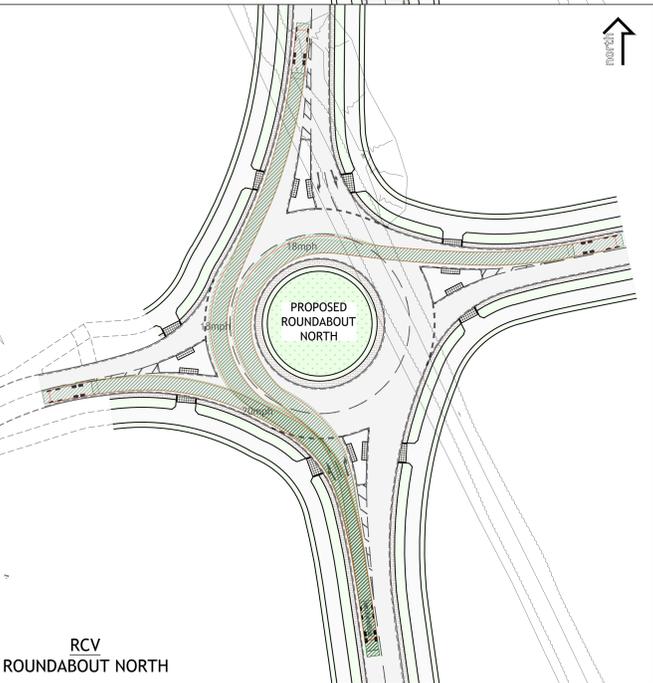
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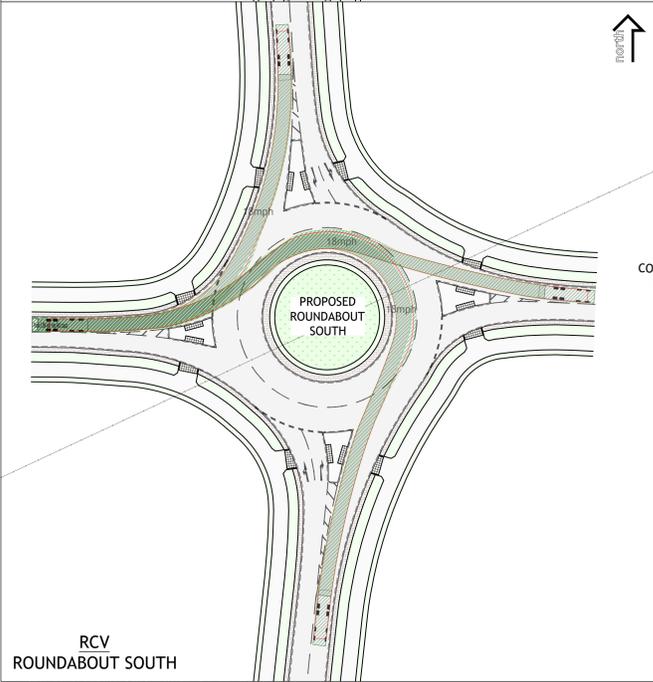
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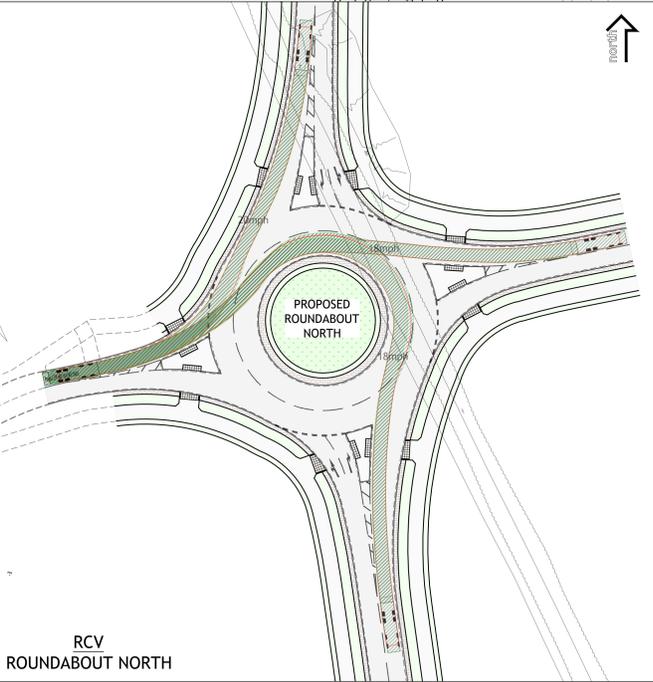
RCV  
 ROUNDABOUT NORTH



RCV  
 ROUNDABOUT NORTH



RCV  
 ROUNDABOUT SOUTH



RCV  
 ROUNDABOUT NORTH

REV	DESCRIPTION	DATE	BY
A	CHANGES FOLLOWING COMMENTS	28.05.24	ML

Client:  
 STRATA STERLING BARNLEY WEST LTD  
 Project:  
 BARNLEY WEST  
 LINK ROAD

Drawing Title:  
 SWEEP PATH ANALYSIS  
 SHEET 1 OF 2

**PRELIMINARY**

Hydrock Fore, new Stanton  
 Riverside Works, Whitwell Road  
 Leeds  
 LS1 4AW  
 0113 543 1700  
 www.hydrock.com

ML	PI	20.11.2023	1:500	A0
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