

DO NOT SCALE

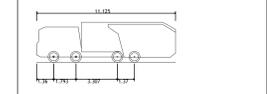
NOTES

GENERAL NOTES
 1. THE TOPOGRAPHICAL SURVEY IS BASED ON INFORMATION PRODUCED BY HAYCOCK & TODD, JOB NO. 25474, FILE 2017-10, BARNLEY WEST (DWG DATED MAY 2019). THE INFORMATION USED IN PREPARATION OF THIS AND ALL OTHER FORE CONSULTING DESIGN AND DRAWING IS NOT WARRANTED TO BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL SURVEY INFORMATION PROVIDED AND REPORT ANY ANOMALIES TO FORE CONSULTING.

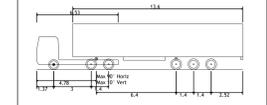
DESIGN NOTES
 1. ALL DESIGN AND WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS:
 - DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB);
 - SPECIFICATION FOR HIGHWAY WORKS (SHW);
 - MANUAL FOR STREETS AND HIGHWAYS;
 - BARNLEY METROPOLITAN BOROUGH COUNCIL (BMBC) DESIGN GUIDE AND SPECIFICATION.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

KEY

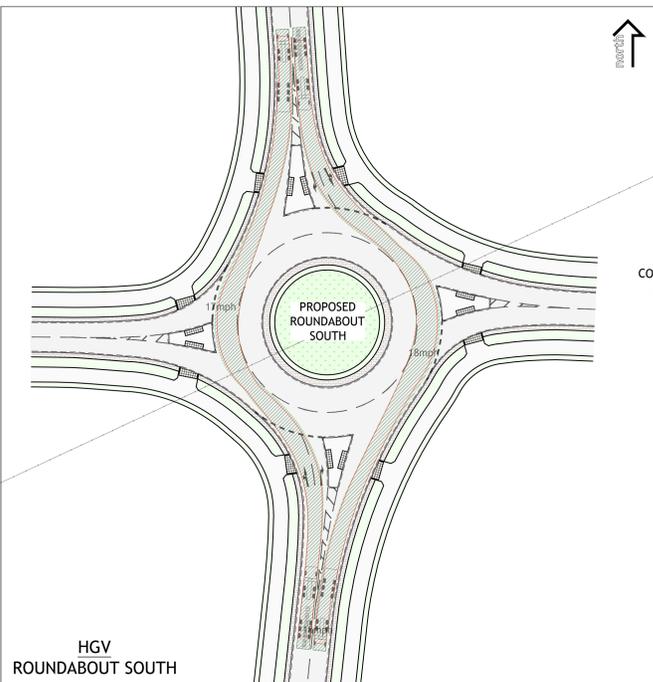
 - WHEEL TRACK LINES
 - VEHICLE MOVEMENT ENVELOPE



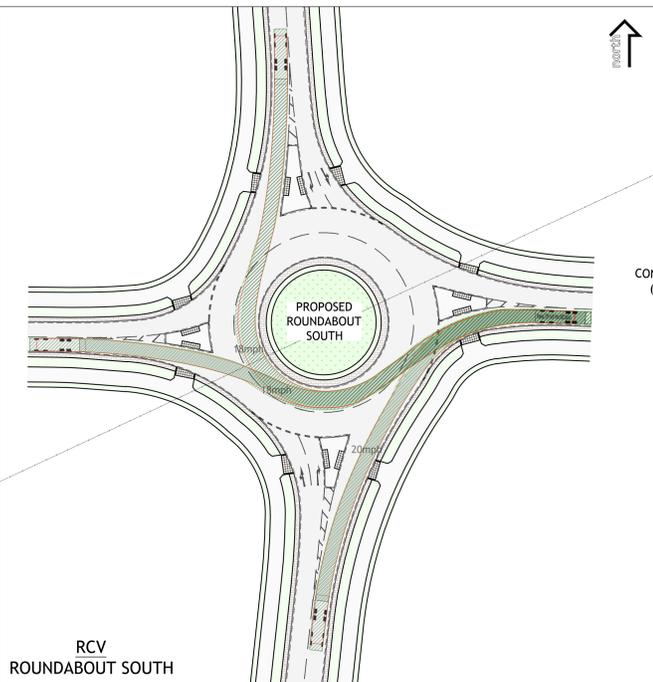
Phoenix 2.25W (with Volvo FM12 chassis)
 Overall Length 11.125m
 Overall Width 2.330m
 Overall Body Height 3.300m
 Min Body Ground Clearance 0.410m
 Track Width 2.500m
 Lock to lock time 4.00s
 Kerb to kerb Turning Radius 9.250m



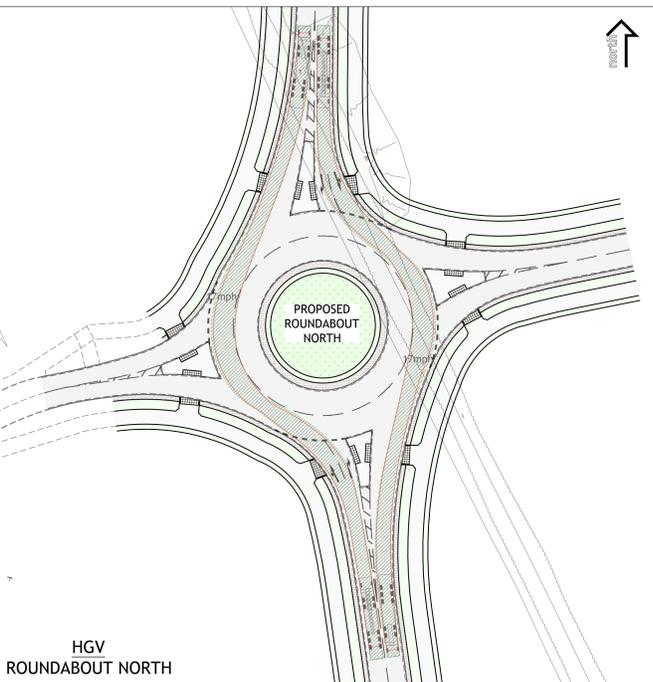
Max Legal Length (UK) Articulated Vehicle (16.5m)
 Overall Length 16.500m
 Overall Width 2.350m
 Overall Body Height 3.481m
 Min Body Ground Clearance 0.311m
 Max Track Width 2.500m
 Lock to lock time 6.50s
 Kerb to kerb Turning Radius 6.530m



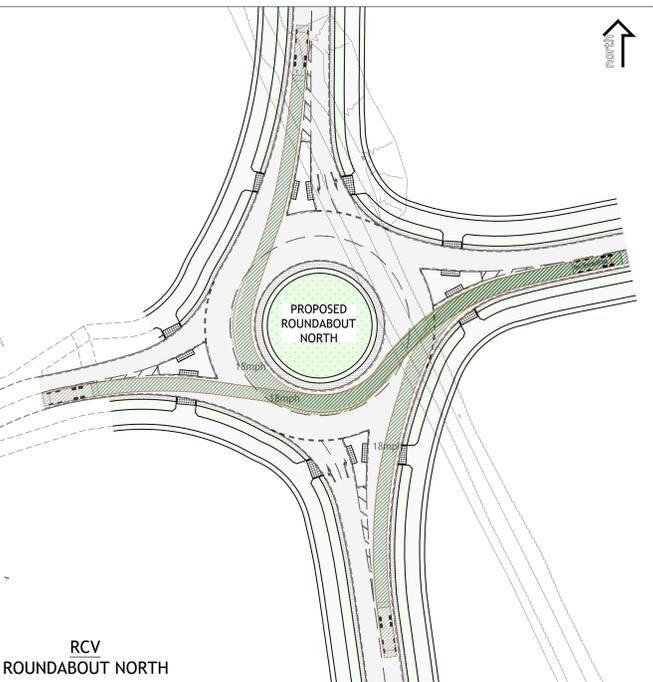
HGV ROUNDABOUT SOUTH



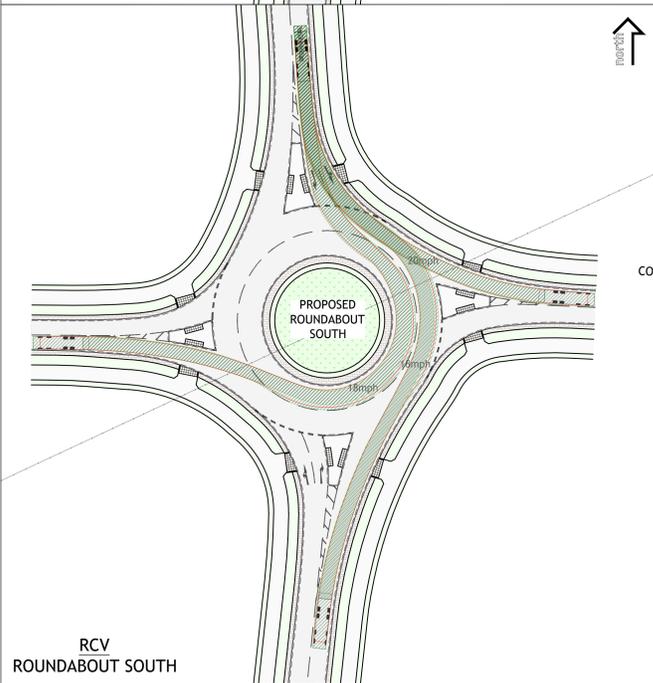
RCV ROUNDABOUT SOUTH



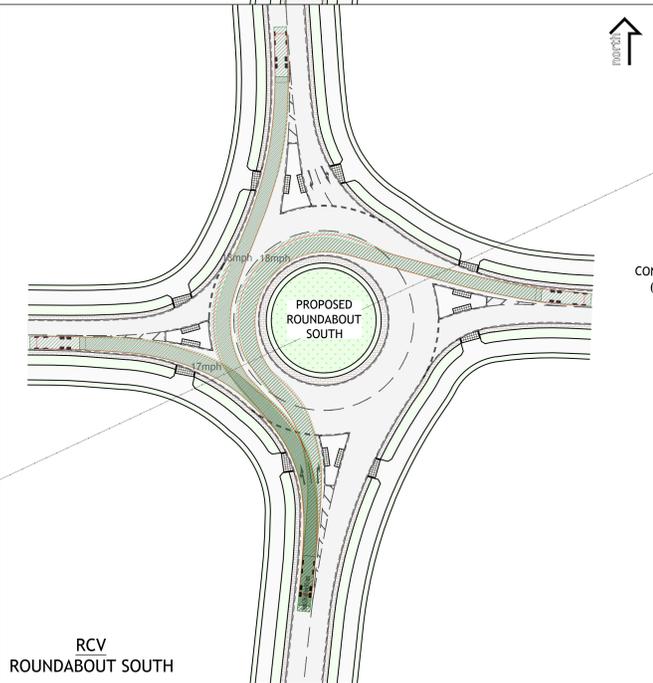
HGV ROUNDABOUT NORTH



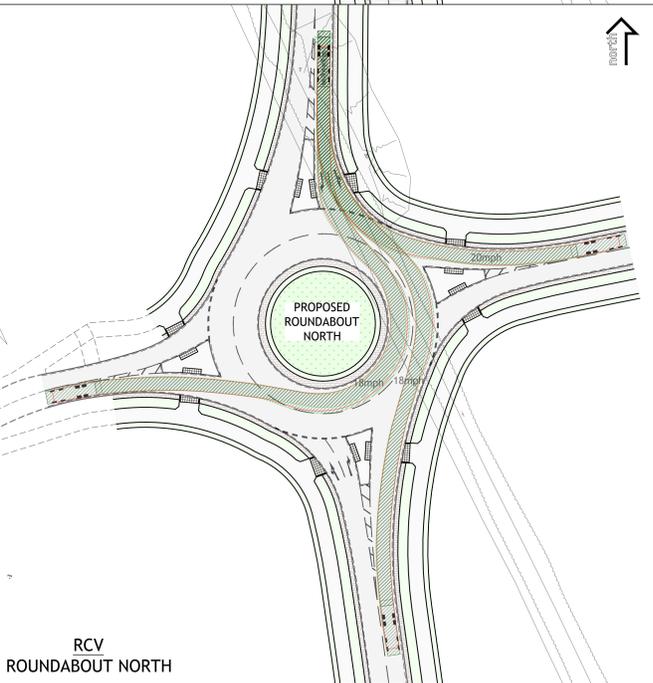
RCV ROUNDABOUT NORTH



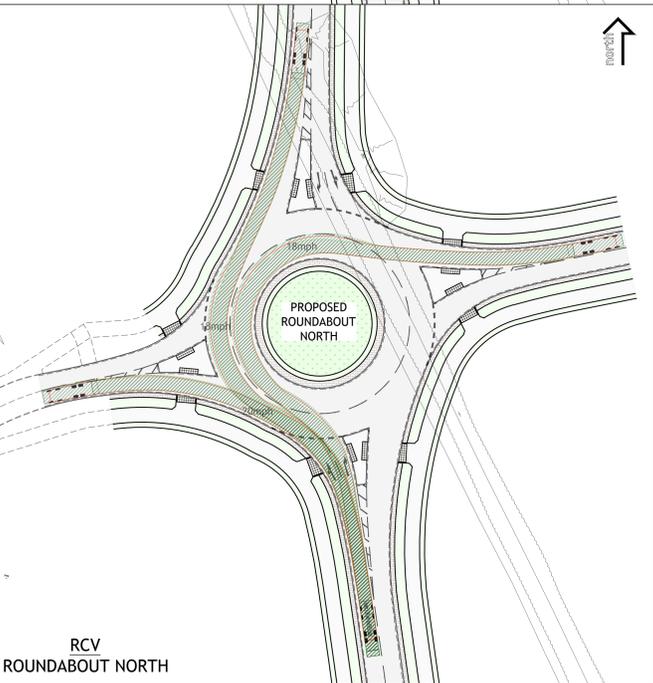
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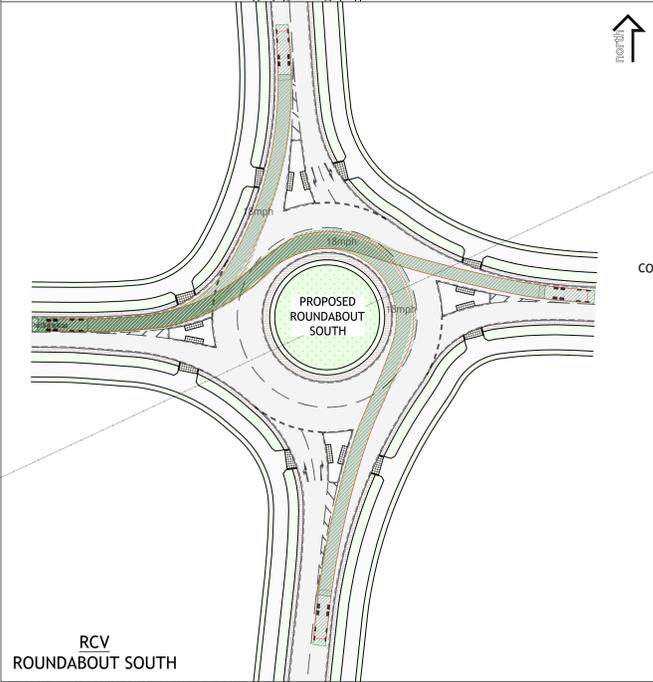
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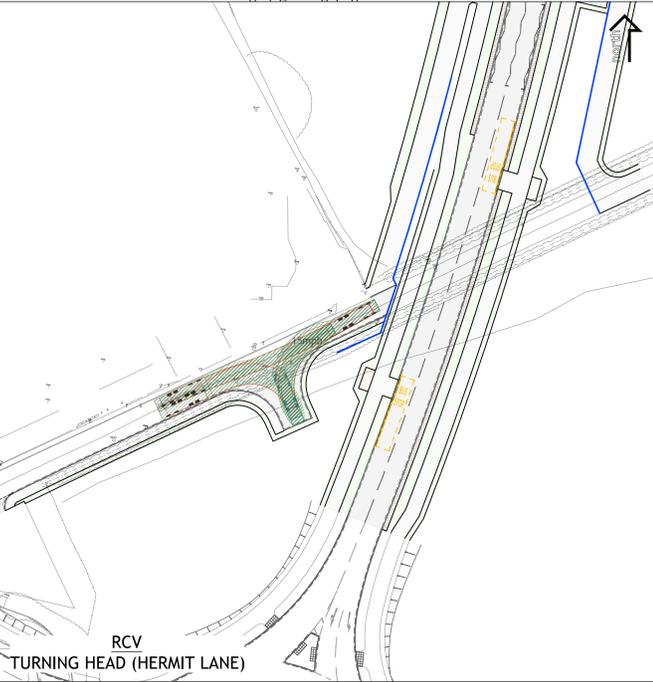
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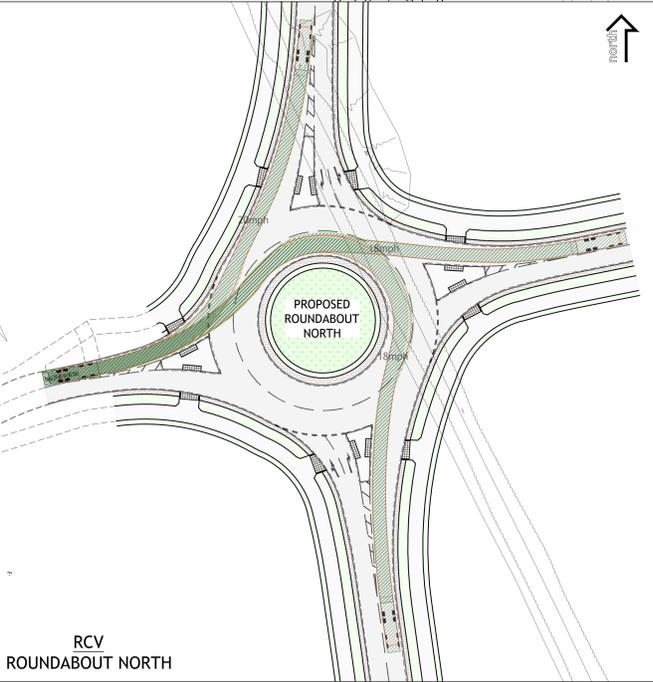
RCV ROUNDABOUT NORTH



RCV ROUNDABOUT SOUTH



RCV TURNING HEAD (HERMIT LANE)



RCV ROUNDABOUT NORTH

REV	DESCRIPTION	DATE	BY
B	CHANGES TO TURNING HEAD AND RAMP LAYOUTS	02.10.24	ML
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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