

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

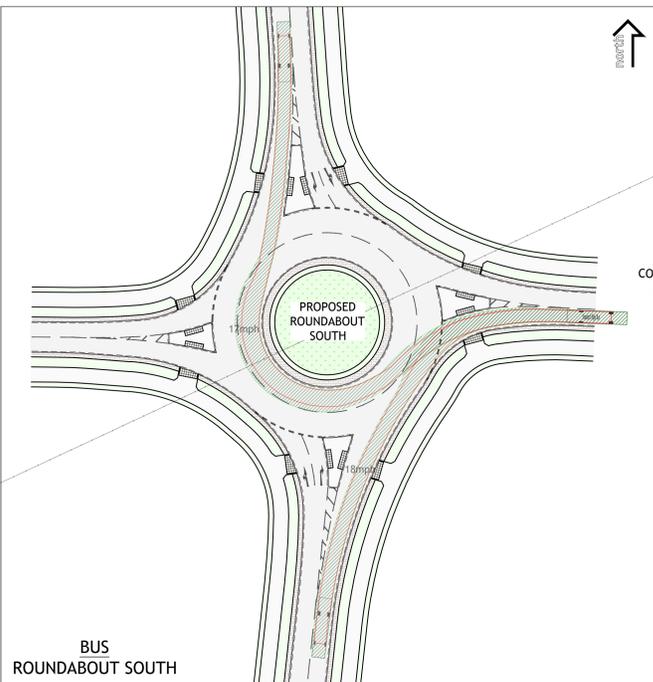
**GENERAL NOTES**  
 a. THE TOPOGRAPHICAL SURVEY IS BASED ON INFORMATION PRODUCED BY HAYCOCK & TODD, JOB NO. 25471, FILE 2017-10, BARNLEY WEST (DWG DATED MAY 2019). THE INFORMATION USED IN PREPARATION OF THIS AND ALL OTHER FORE CONSULTING DESIGNS AND DRAWINGS IS NOT WARRANTED TO BE THE RESPONSIBILITY 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  
 - BARNLEY METROPOLITAN BOROUGH COUNCIL (BMBC) DESIGN GUIDE AND SPECIFICATION.  
 2. SWEEP PATH ANALYSIS PERFORMED USING AUTODESK VEHICLE TRACKING 2019 SOFTWARE WITH DYNAMICS SETTINGS ON.

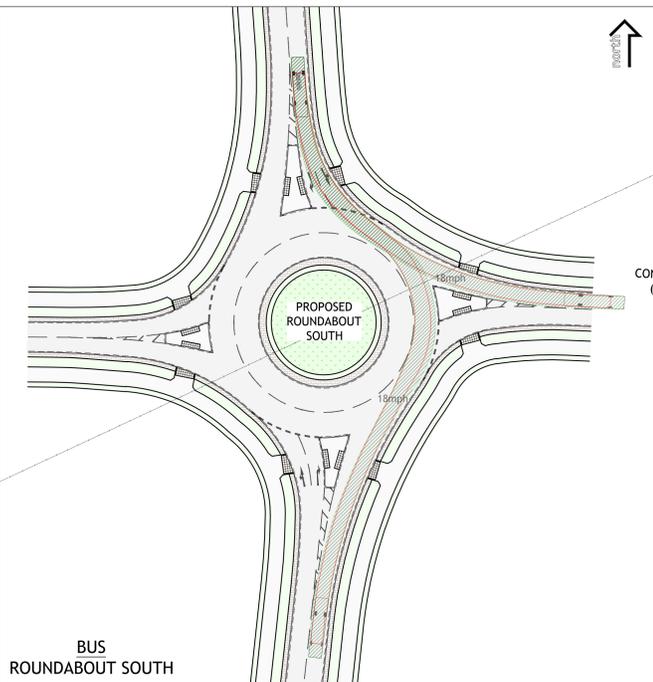
**KEY**

- WHEEL TRACK LINES
- VEHICLE MOVEMENT ENVELOPE

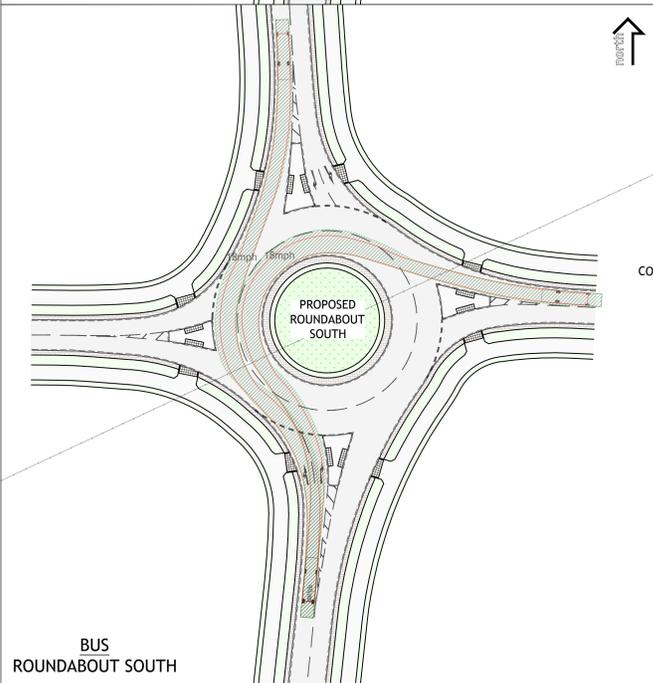
Standard Rigid Bus  
 Overall Length 12.000m  
 Overall Width 2.350m  
 Overall Body Height 3.300m  
 Min Body Ground Clearance 0.300m  
 Track Width 2.350m  
 Lock to lock time 4.00s  
 Wall to Wall Turning Radius 10.771m



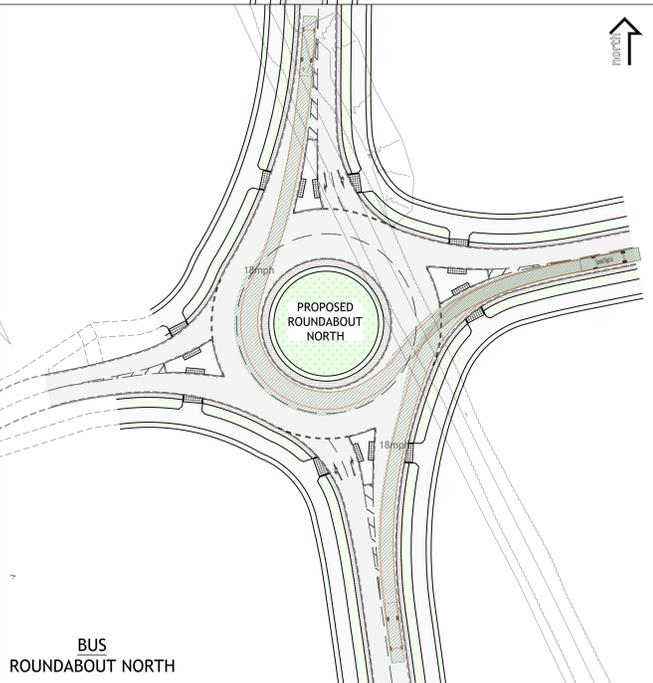
BUS ROUNDABOUT SOUTH



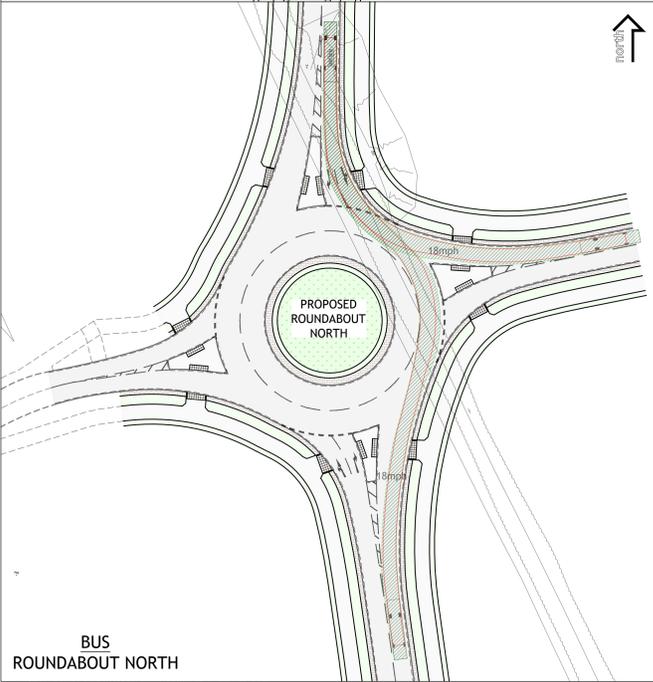
BUS ROUNDABOUT SOUTH



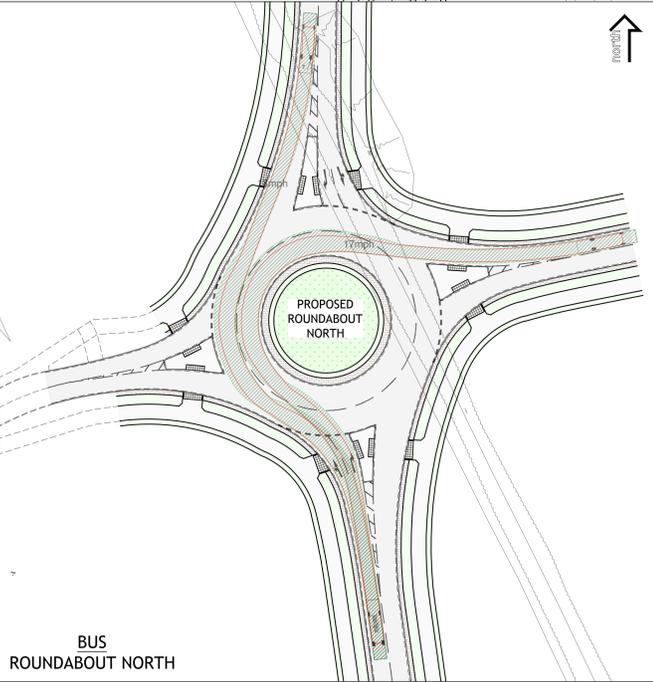
BUS ROUNDABOUT SOUTH



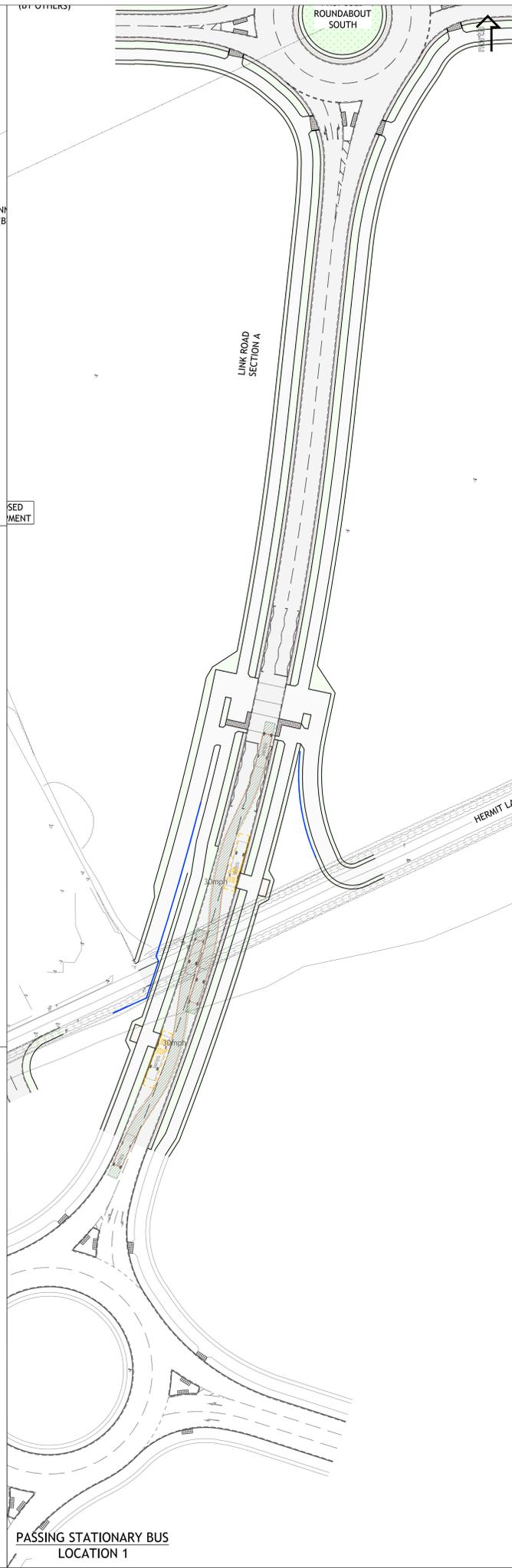
BUS ROUNDABOUT NORTH



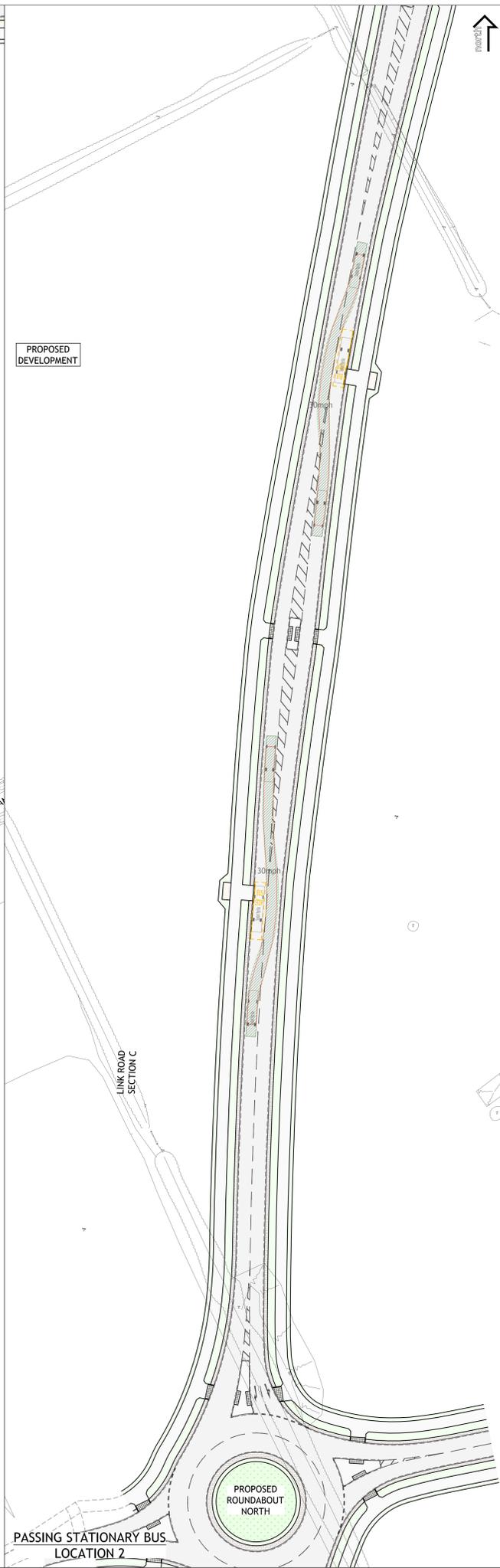
BUS ROUNDABOUT NORTH



BUS ROUNDABOUT NORTH



PASSING STATIONARY BUS LOCATION 1



PASSING STATIONARY BUS LOCATION 2

REV	DESCRIPTION	DATE	BY

Client:  
STRATA STERLING BARNLEY WEST LTD

Project:  
BARNLEY WEST  
LINK ROAD

Drawing Title:  
SWEEP PATH ANALYSIS  
SHEET 2 OF 2

**PRELIMINARY**

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

ML	PI	28.05.2024	1:500	A0
3062	100-P-012			