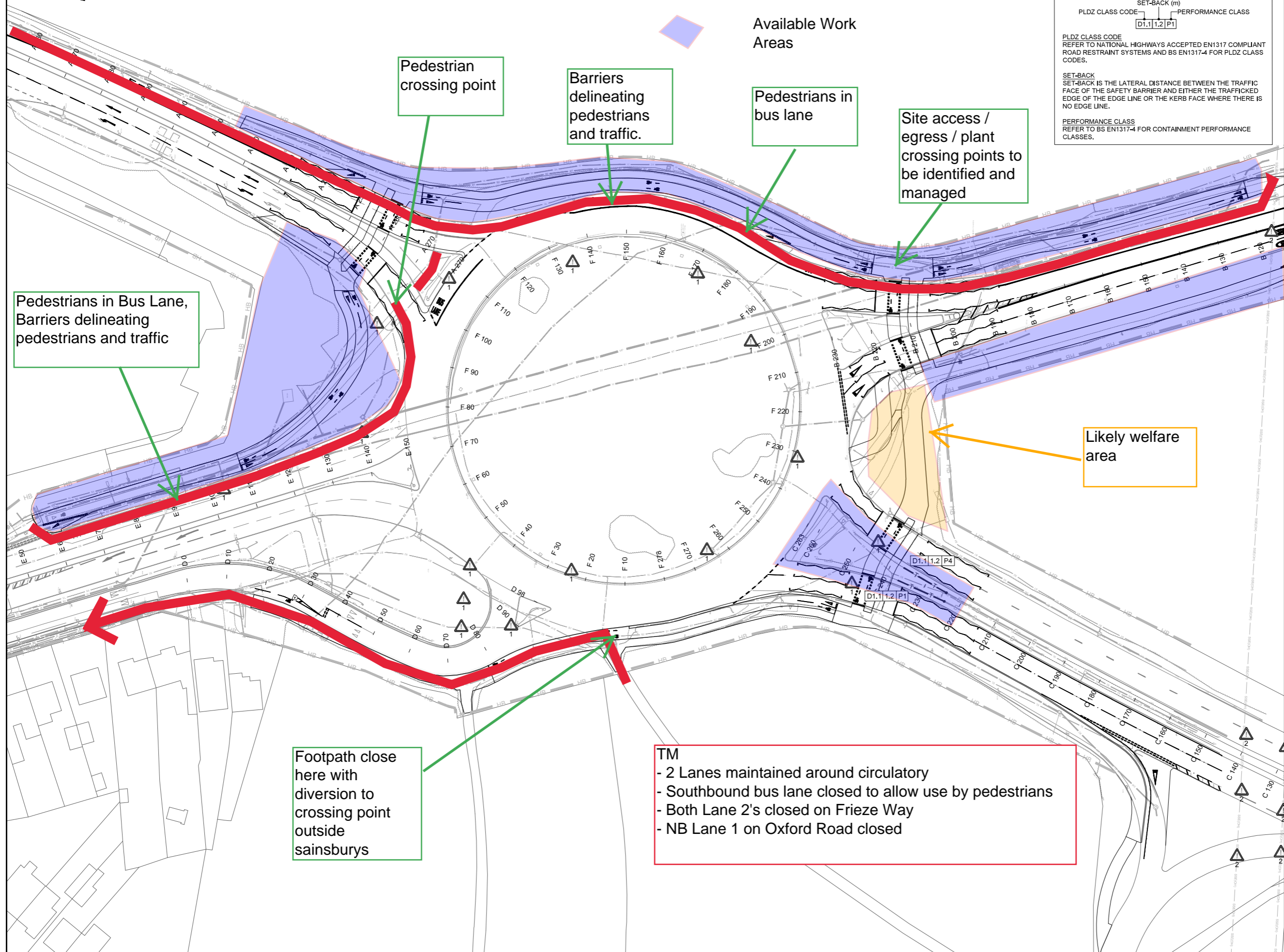


# Phase 1



**VRS NOTES:**

**TERMINAL EXAMPLE:**  
 PLDZ CLASS CODE: D1.1 | 1.2 | P1  
 SET-BACK (m): 1.2  
 PERFORMANCE CLASS: P1

**PLDZ CLASS CODE**  
 REFER TO NATIONAL HIGHWAYS ACCEPTED EN1317 COMPLIANT ROAD RESTRAINT SYSTEMS AND BS EN1317-4 FOR PLDZ CLASS CODES.

**SET-BACK**  
 SET-BACK IS THE LATERAL DISTANCE BETWEEN THE TRAFFIC FACE OF THE SAFETY BARRIER AND EITHER THE TRAFFICKED EDGE OF THE EDGE LINE OR THE KERB FACE WHERE THERE IS NO EDGE LINE.

**PERFORMANCE CLASS**  
 REFER TO BS EN1317-4 FOR CONTAINMENT PERFORMANCE CLASSES.

**KEY:**

- PROPOSED TERMINAL
- DENOTES CHANGE IN SAFETY BARRIER
- EXISTING SINGLE SIDED BARRIER TO REMAIN
- HIGHWAY BOUNDARY
- PROPOSED KERB

- NOTES:**
- ALL DIMENSIONS SHOWN ARE IN METRES UNLESS STATED OTHERWISE.
  - DO NOT SCALE FROM THIS DRAWING.
  - WHERE EXISTING BARRIERS ARE PROPOSED TO BE RETAINED OR CONNECTED INTO, CONTRACTOR / CERTIFIER SHOULD INSPECT AND CONFIRM THE INTEGRITY OF THE SAFETY BARRIER & ANCHORAGES OF THE EXISTING SYSTEM.
  - REFER TO DMRB CD377 REQUIREMENTS FOR ROAD RESTRAINT SYSTEMS AND BS EN1317-4 FOR CLARIFICATION OF TERMS AND DEFINITIONS.
  - LOCATIONS INDICATED ON THIS DRAWING ARE APPROXIMATE. CHAINAGES MAY BE ALTERED ON SITE TO SUIT BEAM LENGTHS IN AGREEMENT WITH THE SUPERVISOR.
  - SAFETY BARRIER SHALL HAVE A CONTRACTOR DESIGNED POST AND FOUNDATION DETAIL TO AVOID UNDERGROUND PLANT.
  - VRS CONTRACTOR TO DESIGN TRANSITION FROM PROPOSED TERMINALS TO EXISTING BARRIERS.
  - DRAWING TO BE READ IN CONJUNCTION WITH APPENDIX 4/1.
  - FOR GENERAL ARRANGEMENT DETAILS REFER TO DRAWING P1B-ATK-HGN-XX-DR-CH-000100, 000101 & 000106.
  - FOR VRS SITE CLEARANCE REFER TO DRAWING P1B-ATK-HSC-XX-DR-CH-000200.
  - FOR FURTHER DETAILS ON STATUTORY UNDERTAKERS APPARATUS REFER TO C2 RETURNS AND GPR SURVEY DRAWINGS DW2021-S27 (SHEETS 1-3).
  - EXISTING GROUND INFORMATION IS AVAILABLE FROM TRIAL PITS AND GEOTECHNICAL INVESTIGATION. THIS INFORMATION CAN BE FOUND WITHIN THE PRE-CONSTRUCTION INFORMATION.

**RESIDUAL RISK ASSESSMENT**  
 WHEREVER POSSIBLE, RISK IS DESIGNED-OUT OF THIS PROPOSAL DURING THE DESIGN PROCESS. WHERE THIS IS NOT POSSIBLE THE RESIDUAL RISK IS INDICATED BY THIS SYMBOL (WITH RISKS LISTED BELOW).

**SIGNIFICANT CDM HEALTH & SAFETY RISKS**

- UNDERGROUND STATUTORY UNDERTAKERS PLANT PRESENT
- RISK OF STRIKING OVERHEAD POWER CABLES

**SIGNIFICANT ENVIRONMENTAL RISKS**

- POTENTIAL FOR LARGE TREE ROOTS WITHIN THE EXCAVATED AREA OF PROPOSED PATHS (THROUGHOUT)

C01	03/08/22	FIRST ISSUE	MC	RM	PM
C02	22/12/22	DESIGN UPDATED	MC	RM	SRH
Rev	Date	Description	Drn	Chk'd	App



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Drawing Status  
**APPROVED - PUBLISHED**  
 Project Name  
 NORTH OXFORD CORRIDOR  
 1B - KIDLINGTON ROUNDABOUT

Title  
**VEHICLE RESTRAINT SYSTEMS SHEET 1 OF 1**

Sheet Size	Scale	Drawn by	Checked by	Approved by
A1	1:500	MC	RM	SRH
		Drawn Date	Checked Date	Approved Date
		22/12/22	22/12/22	22/12/22

Drawing Number	Status	Rev
P1B-ATK-HRR-XX-DR-CH-000401	A1	C02