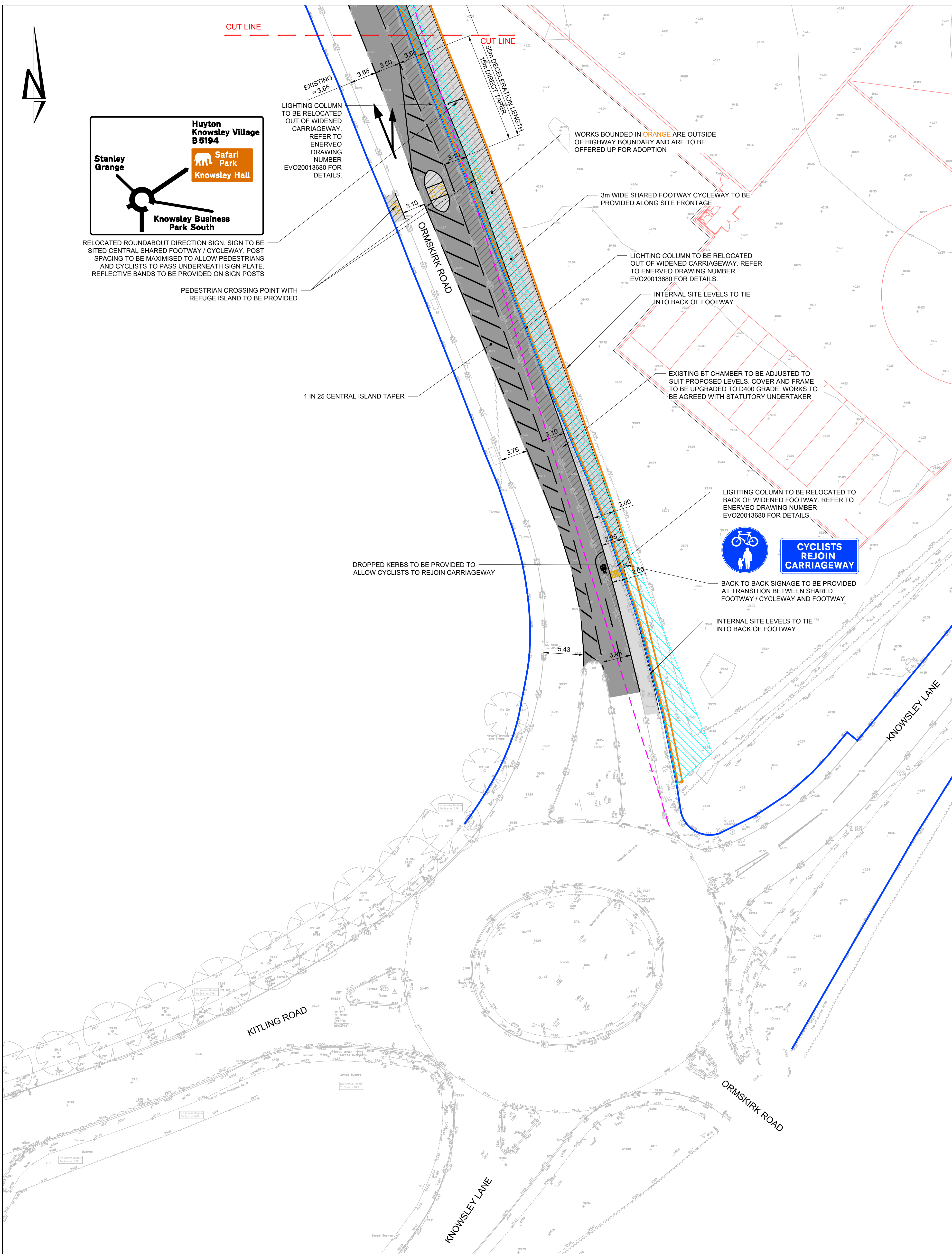
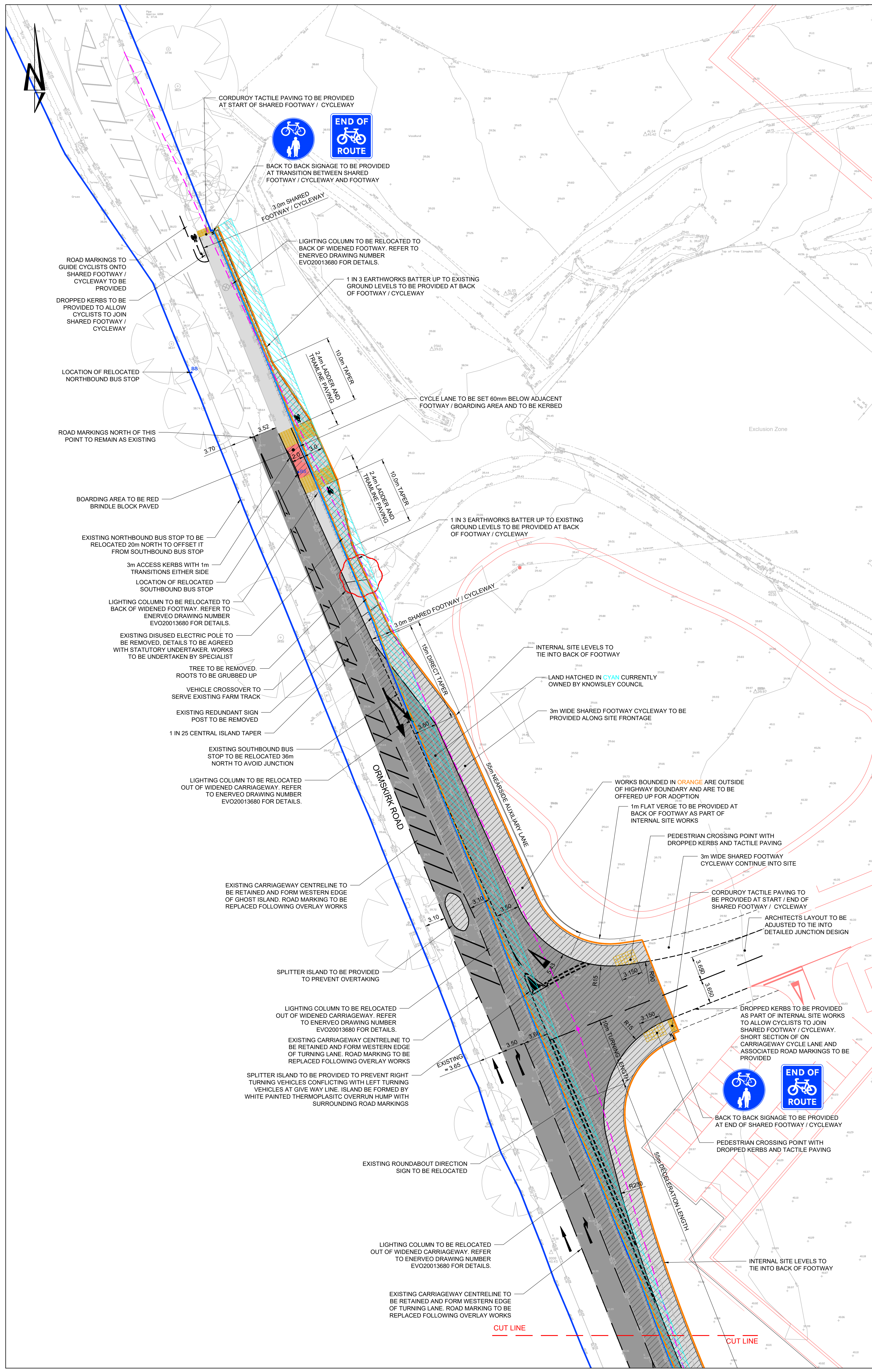




GEOMETRY DESIGN CHECK					
DESIGN MANUAL FOR ROADS AND BRIDGES					
CD 123 - GEOMETRIC DESIGN OF AT-GRADE PRIORITY AND SIGNAL-CONTROLLED JUNCTIONS					
ROAD TYPE: S2					
DESIGN SPEED: 85A (CD 109 TABLE 2.5 - 50mph SPEED LIMIT)					
DEFINITIONS	REFERENCE	STANDARD TO BE ACHIEVED	DESIGN	STANDARD ACHIEVED	NOTES
THROUGH LANE WIDTHS	6.8	3.0 - 3.65m	3.65m	YES	EXISTING LANE WIDTHS VARY FROM 3.5 - 3.7m. CONSISTENT 3.65m WIDTH APPLIED THROUGHOUT
TURNING LANE WIDTH	6.10	3.5m	3.5m	YES	
TURNING LENGTH	6.4	10m	10m	YES	
CENTRAL ISLAND TAPERS	TAB 6.1.1	1:25	1:25	YES	
DIRECT TAPER LENGTHS	TAB 5.2.2	15m	15m	YES	
DECELERATION LENGTH	TAB 5.2.2	55m	55m	YES	CARRIAGEWAY GRADIENT OF 0 - 4%
AUXILIARY LANE WIDTH	TAB 5.2.2	3.5m	3.5m	YES	CARRIAGEWAY GRADIENT OF 0 - 4%
AUXILIARY LANE LENGTH	TAB 5.2.2	55m	55m	YES	
CENTRAL ISLAND TAPERS	TAB 6.1.1	1:25	1:25	YES	

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

MAINTENANCE

DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

GENERAL NOTES:

1) THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL THE RELEVANT ARCHITECTS, ENGINEERS' AND SERVICE ENGINEERS DRAWINGS & SPECIFICATIONS.

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE

2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS AND LOCAL AUTHORITY GUIDANCE

3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS

KEY:

— HIGHWAY BOUNDARY

— AREA TO BE OFFERED UP FOR ADOPTION

— EXISTING CARRIAGEWAY TO BE RESURFACED / OVERLAID

— EXISTING FOOTWAY TO BE RESURFACED / RECONSTRUCTED

— NEW CARRIAGEWAY CONSTRUCTION

— NEW FOOTWAY CONSTRUCTION

— 4.5 x 160m JUNCTION VISIBILITY SPREAD (DMRB - 50mph)

— LAND CURRENTLY OWNED BY KNOWSLEY COUNCIL

THIS DRAWING IS BASED ON FLETCHER RAE ARCHITECTS DRAWING REF: 19011-FRA-AV-XX-DR-A-90-1001-P14

P8	09.10.2025	TS	UPDATED FOLLOWING KC COMMENTS	JW/HS
P7	15.08.2025	TS	UPDATED FOLLOWING SAFETY AUDIT	JW/HS
P6	10.04.2025	TS	UPDATED FOLLOWING CLIENT COMMENTS	JW/HS
P5	06.04.2025	TS	RELOCATED SOUTHBOUND BUS STOP DESIGN ADDED	JW/HS
P4	18.02.2025	TS	UPDATED FOLLOWING KC COMMENTS	JW/HS
P3	10.01.2025	TS	UPDATED FOLLOWING KC COMMENTS	JW/HS
P2	23.01.2023	TS	UPDATED FOLLOWING RSA AND CLIENT COMMENTS	JW/HS
P1	10.10.2022	TS	PRELIMINARY	JW/HS
REV	DATE	BY	REVISION	CHK'D

Burrows Graham

North Office: 5 Ambassadors Place, Stockport Road, Altrincham WA15 5DE Tel: +44 (0)161 804 8046 South Office: Backfield House, Dover Mews, High Street, Barchinham NP4 2BL Tel: +44 (0)185 504 8046

CLIENT

CaddickDevelopments.

PROJECT

KNOWSLEY BUSINESS PARK KNOWSLEY

DRAWING TITLE

SECTION 278 WORKS GENERAL ARRANGEMENT

OUR PROJECT NUMBER

22075

DRAWING STATUS

PRELIMINARY

OFFICE

NORTH

SCALE @ A4

1:250

DATE

03.10.2022

DRAWN BY

TS

CHECKED BY

JW / HS

DRAWING No

22075-BGL-XX-XX-DR-C-00300

REV

P8