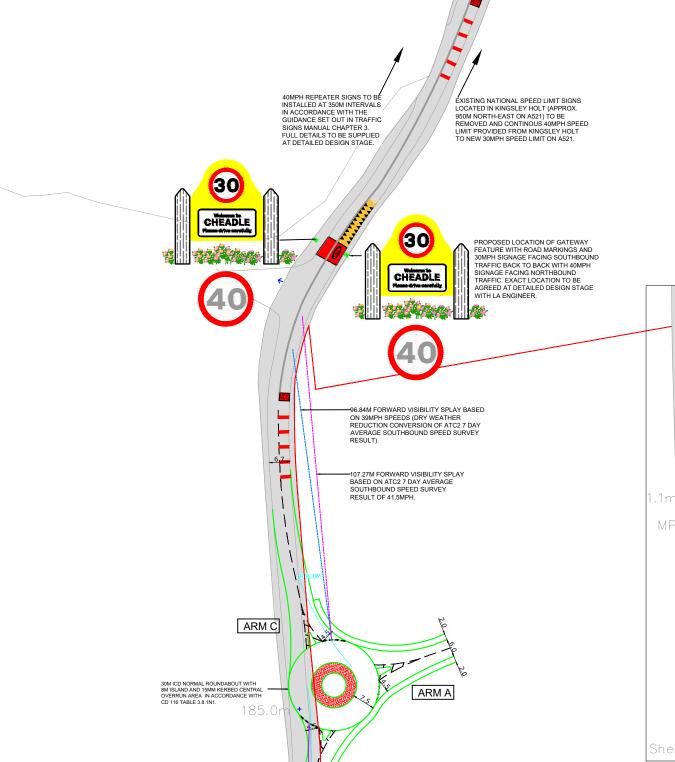




**GATEWAY FEATURE EXAMPLE** 



ARM B

111.59M FORWARD VISIBILITY SPLAY BASEI ON 42.5MPH SPEEDS (DRY WEATHER REDUCTION CONVERSION OF ATC1 7 DAY AVERAGE NORTHBOUND SPEED SURVEY RESULT).

122.74M FORWARD VISIBILITY SPLAY BASED ON ATC1 7 DAY AVERAGE NORTHBOUND SPEED SURVEY RESULT OF 45MPH.

#### PROPOSED FOOTWAY

NORMAL ROUNDABOUT DESIGN CHECKLIST - CD 116					
DESIGN FEATURE	DESIGN REQUIREMENTS	ARM A	ARM B	ARM C	NOTES
EFFECTIVE ENTRY WIDTH (e)-KERB TO MARKING	3-4.5M, 3-3.5M APPROPRIATE AT MULTILANE ENTRIES	4.5m	4.5m	4.5m	COMPLIES
TOTAL ENTRY WIDTH (Te)-KERB TO KERB	3 - 10.5M (SINGLE CW) 7.3 - 15M (DUAL CW)	5.5m	5.5m	6.3m	COMPLIES
ENTRY RADIUS (r)	10 - 100M (20M IDEAL)	20m	20m	20m	COMPLIES
ICD (D)	28M MIN	30m	30m	30m	COMPLIES
ENTRY PATH CURVATURE (DEFLECTION)	NO GREATER THAN 100M RADIUS	NA	100m	86m	COMPLIES
CIRCULATORY CARRIAGEWAY	1.0 - 1.2 X MAX. KERBED ENTRY WIDTH	7.5m	7.5m	7.5m	COMPLIES
EXIT RADIUS	15M - 100M (40M IDEAL)	40m	50m	100m	COMPLIES
EXIT WIDTH	SIMILAR TO TOTAL ENTRY WIDTH OR SINGLE CARRIAGEWAY BETWEEN 7-7-5M TWO-LANE DUAL CARRIAGEWAY 10-11M IF LONG SPLITTER	6.0m	6.0m	6.0m	COMPLIES

NY EXISTING PONDING TO BE MITIGATED AS PART OF DETAILED DESIGN.

### ROUNDABOUT GEOMETRY

## **NOTES**

THIS IS NOT A CONSTRUCTION DRAWING AND IS FOR INDICATIVE PURPOSES ONLY. THE DRAWING WILL BE SUBJECT TO CHANGE FOLLOWING LOCAL AUTHORITY REVIEW AND CONFIRMATION OF PUBLIC HIGHWAY AND THIRD PARTY LAND BOUNDARIES.

> INDICATIVE SITE BOUNDARY DENOTES NEW KERBS **EXISTING ADOPTED HIGHWAY**

LOCAL AUTHORITY: STAFFORDSHIRE COUNCIL

TOTAL AREA OF SITE: 19.35Ha



#### SITE LAYOUT NTS

# **BLOOR HOMES**

PROJECT:

FROGHALL ROAD, **CHEADLE** 

DRAWING TITLE:

PROPOSED SITE ACCESS PLAN

SCALES 1:1250 @ A3

DRAWN: MC MC NOV 21

> Croft Transport Planning & Design 340 Deansgate Manchester M3 4LY

Email: info@croftts.co.uk Tel: 0161 837 7380

Web: www.eddisons.com/services/transport-planning

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