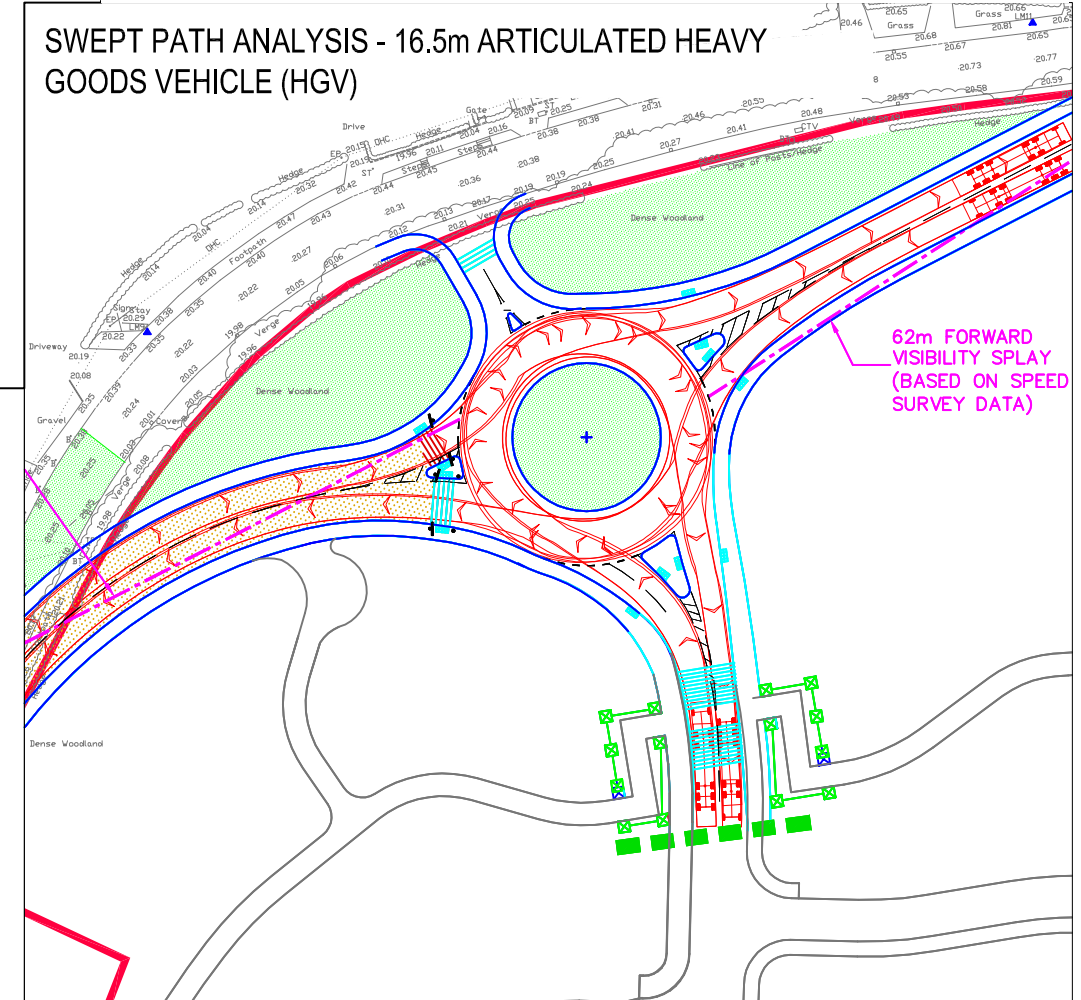


Roundabout Design Checklist – TD 16/07

Normal and Compact

Design Feature	Design Requirements	Arm 1	Arm 2	Arm 3	Arm 4
Approach Half Width (v)	Typically 2m – 7.3m	3.9m	3.65m	3.5m	3.5m
Entry Width (e)	Min 3m per lane Single 3m<e<10.5m (4.5m ideal) Dual 6m<e<15m (3m-3.5m ideal)	4.5m	6.0m	4.5m	3.5m
Entry Radius (r)	10m – 100m (20m ideal) Normal – 20m min for HGV's	22m	40m	20m	10m
ICD (D)	>28m	34m	34m	34m	34m
Entry Path Curvature (Deflection)	Normal - <100m radius Compact - <70m radius (DMRB: urban overruns OK)	93m	44m	80m	35m
Circulatory Carriageway	1.0 – 1.2 x max entry width max 15m	7.2m	7.2m	7.2m	7.2m
Exit Radius	Normal 20m – 100m (40m ideal) Compact – 15m – 20m	40m	40m	60m	10m
Exit Width	Normal – 6m min Compact – single lane	6.0m	6.0m	6.0m	3.2m



TYPICAL SIGNAGE - NTS



1 - BOLLARD TO DENOTE START OF QUIET LANE



2 - SIGNAGE TO DENOTE START OF QUIET LANE



3 - SIGNAGE TO DENOTE END OF QUIET LANE



4 - WEIGHT RESTRICTION SIGNAGE UPON ENTRY TO DOWNGRADED SECTION OF LONGMEANYGATE

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Client	BDW TRADING LTD AND PROPERTY CAPITAL PLC
Project Title	LEYLAND TEST TRACK, LEYLAND

Drawing Title	PROPOSED NORTHERN SITE ACCESS ARRANGEMENT
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Scale	1:1000 @ A3
Date	09.09.2015
Approved/Unapproved	-

By	BA
Checked	WB
Status	PLANNING

Rev	Description	Date	By
F	-MINOR IMPROVEMENTS / ADDITIONAL DETAILS SHOWN AROUND THE ROUNDABOUT	28.06.17	BA
G	-PROPOSED 'DRAGONTEETH' TEETH MARKINGS AND HI-VIS SIGNAGE ON APPROACH TO THE ROUNDABOUT	21.09.17	BA
H	-LATEST SITE LAYOUT PLAN UNDER LAID	26.09.17	BA
I	-LATEST STRUCTURAL PLAN UNDER LAID	06.10.17	BA
J	-LATEST STRUCTURAL PLAN UNDER LAID	12.10.17	BA

Drawing No.	SCP/15043/F06
Revision	J