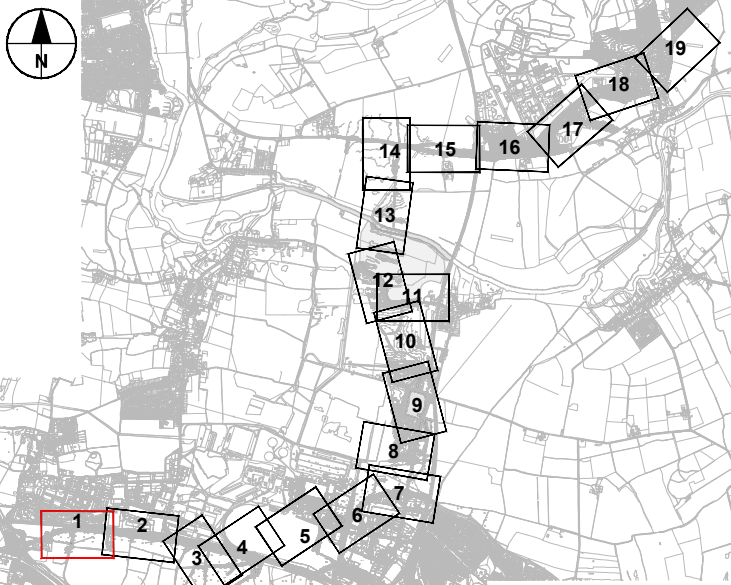


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FIRST VERSION	VD	31/08/21	P01
SECOND VERSION	RBF	17/09/21	P02
THIRD VERSION	RBF	16/06/22	P03
REVISION DETAILS	By	Date	Suffix

Purpose of issue

SUITABLE FOR APPROVAL

Client

OXFORDSHIRE COUNTY COUNCIL

Project Title

DIDCOT GARDEN TOWN HOUSING INFRASTRUCTURE FUND (HIF 1)

Drawing Title

VISIBILITY SPLAY SHEET 1 OF 19

Designed RBF	Drawn RBF	Checked AA	Approved AGB	Date 27/06/23
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Internal Project No. 60632497	Suitability S4
Scale @ A1 1:1000	Discipline Town & Country Planner

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Drawing Number	Volume	Type	Number	Rev
GEN_PD-ACM-HML-DGT_ZZ_ZZ-DR-T	-0001	Originator	Location	Role
GEN_PD-ACM-HML-DGT_ZZ_ZZ-DR-T	-0001	Originator	Location	Role

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PROPOSED HORIZONTAL ALIGNMENT - TANGENT	PROPOSED KERBS. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
PROPOSED HORIZONTAL ALIGNMENT - CIRCULAR CURVE	PROPOSED CYCLE TRACK AND BUFFER ZONE. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
PROPOSED HORIZONTAL ALIGNMENT - TRANSITION CURVE	PROPOSED FOOTWAY. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
JUNCTION VISIBILITY SPLAY	PROPOSED SHARED USE FOOTWAY. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
FORWARD VISIBILITY SPLAY	PROPOSED VERGE. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
PEDESTRIAN / CYCLIST CROSSING VISIBILITY SPLAY	PROPOSED SWALE. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
JUNCTION INTERVISIBILITY ZONE - (DMRB CD123)	PROPOSED GRASSED SURFACE WATER CHANNEL. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_ZZ-DR-T-0001 - 0019.
ROUNDAABOUT FORWARD VISIBILITY SPLAY AT ENTRY	
ROUNDAABOUT VISIBILITY SPLAY TO THE RIGHT	
ROUNDAABOUT CIRCULATORY VISIBILITY	

DESCRIPTION	BACKHILL ROUNDAABOUT			
	WESTERN ARM	EASTERN ARM	SOUTH-WESTERN ARM	SOUTH-EASTERN ARM
INSCRIBED CIRCLE DIAMETER (ICD)	80m			
ENTRY ANGLE (DEGREES)	30.50	38.93	23.60	23.56
ENTRY WIDTH (m)	9.00	9.00	5.00	5.00
APPROACH HALF WIDTH (m)	7.00	7.00	4.00	4.00
ENTRY RADIUS (m)	40.00	30.00	30.00	30.00
EXIT RADIUS (m)	40.00	40.00	30.00	40.00
ENTRY FLARE LENGTH (m)	23.00	26.00	20.00	27.00

CARRIAGEWAY DESIGN SPEED & STOPPING SIGHT DISTANCE

ROADWAY	DESIGN SPEED (kph)	POSTED SPEED (mph)	DESIRABLE MINIMUM STOPPING SIGHT DISTANCE (m)	DESIGN STANDARD
BACKHILL ROUNDAABOUT WESTERN ARM	70	40	120	DMRB, CD109.
BACKHILL ROUNDAABOUT MAYS-MINSCOMBE ARM	50	20	33	MIS
BACKHILL ROUNDAABOUT MOCKLER ARM	50	20	33	MIS
BACKHILL ROUNDAABOUT TO NORTHERN ROUNDAABOUT LINK EASTBOUND	70	40	120	DMRB, CD109.
BACKHILL ROUNDAABOUT TO NORTHERN ROUNDAABOUT LINK WESTBOUND	70	40	120	DMRB, CD109.
NORTHERN ROUNDAABOUT TO SCIENCE BRIDGE ROUNDAABOUT LINK	70	40	120	DMRB, CD109.
SCIENCE BRIDGE ROUNDAABOUT VALLEY PARK SPINE ROAD	60	30	90	DMRB, CD109.
SCIENCE BRIDGE ROUNDAABOUT SCIENCE BRIDGE ARM	60	30	90	DMRB, CD109.

CYCLE TRACK DESIGN SPEED & STOPPING SIGHT DISTANCE

LOCATION	DESIGN SPEED (kph)	DESIRABLE MINIMUM STOPPING SIGHT DISTANCE (m)	DESIGN STANDARD
SCHEME WIDE	30	31	DMRB, CD195.