

CULHAM SCIENCE CENTRE

PERMETER ROAD

CULHAM STATION

CLIFTON HAMPDEN BYPASS

REFER TO SHEET 15 FOR CONTINUATION

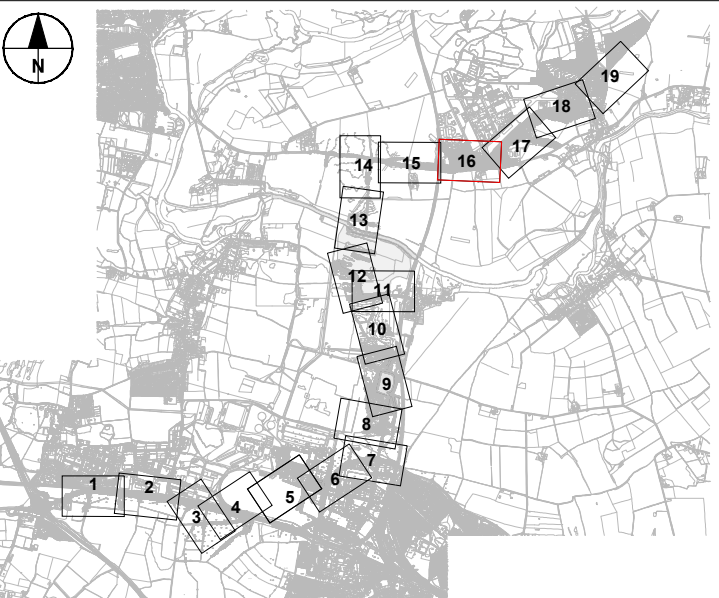
REFER TO SHEET 17 FOR CONTINUATION

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|---------------------------------|-----|-------|----------|--------|
| FIRST VERSION | VD | GP | 31/08/21 | P01 |
| SECOND VERSION | RBF | GP | 17/09/21 | P02 |
| POST PLANNING SUBMISSION UPDATE | VD | GP | 27/01/22 | P03 |
| FOURTH VERSION | RBF | AGB | 16/06/22 | P04 |
| REVISION DETAILS | | By | Date | Suffix |
| | | Check | | |

SUITABLE FOR APPROVAL

Client
OXFORDSHIRE COUNTY COUNCIL

Project Title
DIDCOT GARDEN TOWN HOUSING INFRASTRUCTURE FUND (HIF 1)

Drawing Title
VISIBILITY SPLAY SHEET 16 OF 19

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

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|---|--------------------------|-------------|------------------|---------------|-----|
| Drawing Number GEN_PD-ACM-HML-DGT_ZZ_ZZ-DR-T | Work Package ID -0016 | Volume 1 | Type Location | Number P05 | Rev |
| Originator | | | Role | | |

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| | | |
|-----|--|---|
| KEY | PROPOSED HORIZONTAL ALIGNMENT - TANGENT | PROPOSED KERBS. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_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_ZZ-DR-T-0001 - 0019. |
| | PROPOSED HORIZONTAL ALIGNMENT - TRANSITION CURVE | PROPOSED FOOTWAY. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_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_ZZ-DR-T-0001 - 0019. |
| | FORWARD VISIBILITY SPLAY | PROPOSED VERGE. FOR DETAILS REFER TO DRAWINGS GEN_PD-ACM-GEN-DGT_ZZ_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_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_ZZ-DR-T-0001 - 0019. |
| | ROUNDBOUT FORWARD VISIBILITY SPLAY AT ENTRY | |
| | ROUNDBOUT VISIBILITY SPLAY TO THE RIGHT | |
| | ROUNDBOUT CIRCULATORY VISIBILITY | |

| DESCRIPTION | Clifton Hampden Bypass Roundabout | | | |
|-------------------------------|-----------------------------------|-----------------|---------------|---------------|
| | West Bypass Arm | East Bypass Arm | Northwest Arm | Northeast Arm |
| Inscribed circle diameter ICD | 86.0m | | | |
| Entry angle (degree) | 25.69 | 31.97 | 47.55 | 20.18 |
| Entry width (m) | 8.15m | 7.43m | 7.50m | 7.53m |
| Approach half width (m) | 7.00m | 3.50m | 3.65m | 5.50m |
| Entry radius (m) | 25.0m | 29.0m | 20.0m | 20.0m |
| Exit radius (m) | 100.0m | 62.4m | 25.0m | 100.0m |
| Entry flaring length (m) | Storage lane of 170m provided | 80m | 40m | 31m |

| Roadway | Design Speed (kph) | Posted Speed (mph) | Desirable Minimum Stopping Sight Distance (SSD) (m) | Design Standard |
|---|--------------------|--------------------|---|-----------------|
| Bypass Mainline - West of A415 Connection Priority Junction | 70 | 40 | 120 | DMRB |
| Bypass Mainline - East of A415 Connection Priority Junction | 85 | 50 | 160 | DMRB |
| B4015 Connection | 60 | 30 | 90 | DMRB |
| A415 Connection | 60 | 30 | 59 | MfS |
| Existing A415 Access | 40 | 20 | 33 | MfS |
| Culham Science Centre Access | 40 | 20 | 33 | MfS |
| Culham Science Village Access | 40 | 20 | 33 | MfS |
| Station Road | 40 | 20 | 33 | MfS |

