



DO NOT SCALE

FOR CONTINUATION SEE INSET A

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NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
3. ALL WORKS SHALL BE CARRIED OUT WITH OXFORDSHIRE COUNTY COUNCIL HIGHWAY DESIGN STANDARDS AND THE SPECIFICATION FOR HIGHWAY WORKS PUBLISHED BY HMSO UNLESS OTHERWISE STATED.
4. FOR KERBING DETAILS PLEASE REFER TO WSP DRG. NO. 3775-WSP-S278-XX-DR-CE-6001
5. FOR SITE CLEARANCE REFER TO DRG. NO. 3775-WSP-S278-SS-DR-CE-2001
6. REFER TO OXFORDSHIRE COUNTY COUNCIL SPECIFIC DETAIL NUMBERS.
7. FOR PROPOSED UTILITIES PROVISION REFER TO ENERGETICS AND RED SPECIFICATION AND DRAWINGS.
8. LEVEL OF EXISTING DITCH TO BE CONFIRMED BEFORE COMMENCEMENT OF CONSTRUCTION WORK.
9. ALL SETTING OUT IS TO BE AGREED WITH THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS.
10. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL PIPEWORK IS PROTECTED AT ALL STAGES OF CONSTRUCTION.
11. ALL WORKS UNDERTAKEN ON PUBLIC HIGHWAY SHALL BE IN COMPLIANCE WITH CI 117 OF THE SPECIFICATION OF HIGHWAY WORKS.
12. ALL CONCRETE AND CONCRETE PRODUCTS BELOW GROUND LEVEL TO BE CLASS DS-2 AND AC-2 AS DEFINED BY BRE (2005)
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE STATUTORY UNDERTAKERS PRIOR TO THE COMMENCEMENT OF THE WORKS, TO ESTABLISH THE POSITION OF THEIR PLANT, WHICH SHALL BE CONFIRMED BY HAND DUG TRIAL PITS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE STATUTORY UNDERTAKERS PRIOR TO THE COMMENCEMENT OF THE WORKS, TO ESTABLISH THE POSITION OF THEIR PLANT, WHICH SHALL BE CONFIRMED BY HAND DUG TRIAL PITS.
15. THE CONTRACTOR SHOULD BE AWARE OF BURIED STATUTORY UNDERTAKERS APPARATUS AND TAKE DUE ACCOUNT WHEN CONSIDERING THE METHOD OF EXCAVATION OF EXISTING PAVEMENTS.
16. CONTRACTOR TO ALLOW FOR ADJUSTMENT OF ALL INSPECTION CHAMBER COVERS AND FRAMES (IF APPLICABLE) TO SUIT NEW LEVELS WITHIN THE AREA OF THE WORKS.
17. WHERE A SPECIFIC PRODUCT OR SUPPLIER IS SPECIFIED AN APPROVED ALTERNATIVE CAN BE OFFERED.
18. BASED ON TOPOGRAPHICAL SURVEY BY TARGET SURVEYS LIMITED REF 1367/1, 5 CLARENDON PLACE, LEAMINGTON SPA, WARWICKSHIRE CV32 5QL.

KEY TO HEALTH AND SAFETY SYMBOLS

	INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
	INDICATES A RESIDUAL RISK FOR INFORMATION.
	INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
	INDICATES A RESIDUAL RISK AS A WARNING.

INSET A - 1:500

KEY

- EXCAVATE TEMPORARY ACCESS FOR PROPOSED FULL DEPTH CONSTRUCTION OF CARRIAGEWAY AND PIPING OF DITCH:-
SURFACE COURSE - 40mm HRA 30/14 F SURF 40/60
BINDER COURSE - 60mm AC DENSE BIN 40/60
BASE COURSE - 180mm AC32 HDM BASE 40/60
SUB-BASE - TYPE 1
FOR SPECIFICATION SEE OXFORDSHIRE COUNTY COUNCIL DRG. NO. HSD/700/010
- EXCAVATE VERGE FOR FULL DEPTH FOOTWAY/CYCLEWAY WIDENING PROPOSED FULL DEPTH CONSTRUCTION OF FOOTWAY:-
SURFACE COURSE - 20mm OF AC6 DENSE SURFACING 70/100
BINDER COURSE - 50mm OF AC20 DENSE BIN 70/100
BASE COURSE - 100mm OF C7.5 CONCRETE
SUB-BASE - 100mm TYPE 1 SUB-BASE
TERRAM 2000 OR SIMILAR APPROVED
FOR SPECIFICATION SEE OXFORDSHIRE COUNTY COUNCIL DRG. NO. HSD/700/010
- EXCAVATE VERGE FOR FULL DEPTH FOOTWAY/CYCLEWAY WIDENING AND OVERLAY:-
PLANE & LAY FOOTWAY/CYCLEWAY SURFACING
PLANE 20mm
LAY 20mm OF AC6 DENSE SURFACING 70/100
IN ACCORDANCE WITH DRG/700/010
- EXISTING CARRIAGEWAY TO BE BROKEN OUT AND DISPOSED OF AT CONTRACTORS TIP OFF SITE AND REINSTATED WITH VERGE CONSTRUCTION
TOPSOIL CLASS 5A OR 5B TO CL.618 GROUND PREPARATION IN ACCORDANCE WITH CL.3004 SUB CLAUSES 8-11
SEEDING/TURFING TO CL.3005. SEED MIX FOR SEEDING OR TURFING TO BE APPROVED BY THE ENGINEER
- PROPOSED FOOTWAY/CYCLEWAY OVER CARRIAGEWAY. PERFORATE EXISTING CARRIAGEWAY.
- EXISTING CARRIAGEWAY TO BE PERFORATED FOR PROPOSED GRASSCRETE CONSTRUCTION:-
76mm GRASSCRETE GC3 WITH A142 MESH (INSTALLED TO MANUFACTURER GUIDELINES WITH EXPANSION JOINTS)
10/20mm COMPACTED THICKNESS OF CATEGORY II SAND LAYING COURSE, IN ACCORDANCE WITH BS7533 PART 3 1997
150mm SUB-BASE GRANULAR MATERIAL TYPE 1, CONSTRUCTED USING SHW CLAUSE 803
TERRAM 1000 (OR SIMILAR APPROVED) GEOTEXTILE LAYER TO SHW CLAUSE 609 REQUIRED WHERE ROAD CONSTRUCTION IS ON HEAD DEPOSITS OR CBR <2.5%, CONTAMINATED LAND OR/AND WHERE GROUNDWATER LEVEL IS HIGH
- INDICATIVE LOCATION OF PROPOSED GAS
- INDICATIVE LOCATION OF PROPOSED WATER
- INDICATIVE LOCATION 2x100mm PROPOSED BT DUCTS
- INDICATIVE LOCATION OF PROPOSED HV ELECTRICITY
- LONGITUDINAL JOINT DETAIL (REFER TO WSP DRG NO. 3775-WSP-S278-XX-DR-CE-6001)
- FOOTWAY/CYCLEWAY TIE-IN JOINT (REFER TO OXFORDSHIRE COUNTY COUNCIL DETAIL HSD/700/025)
- PROVIDE AND LAY 400x400x50mm PCC RED COLOURED TACTILE PAVING OR SIMILAR APPROVED AT CONTROLLED PEDESTRIAN CROSSING
- PROVIDE AND LAY 400x400x50mm BUFF COLOURED TACTILE PAVING OR SIMILAR APPROVED AT UNCONTROLLED PEDESTRIAN CROSSING
- PROVIDE AND LAY BUFF COLOURED CORDUROU PAVING OR SIMILAR APPROVED WHERE A FOOTPATH JOINS A SHARED ROUTE
- PROPOSED CARRIAGEWAY KERB - TYPE HB2 - 125mm UPSTAND
- PROPOSED CARRIAGEWAY KERB - TYPE SP 75mm UPSTAND
- PROPOSED CARRIAGEWAY KERB - TYPE BN LAID FLUSH
- PROPOSED DROP KERB - 0mm UPSTAND
- PROPOSED KASSEL KERB - 160mm UPSTAND
- PROPOSED FOOTWAY EDGING FLAT TOP - TYPE EF
- PROPOSED CULVERTED DITCH 450# (REFER TO WSP DRG. NO. 3775-WSP-S278-XX-DR-CE-6002 FOR BEDDING DETAILS)
- PROPOSED HEADWALL (REFER TO WSP DRG. NO. 3775-WSP-S278-XX-DR-CE-6002)

WARNING.
THESE DETAILS INCLUDE THE USE OF HEAVY KERB/PAVING PRODUCTS, WHICH THE CONTRACTOR IS EXPECTED TO HANDLE USING APPROPRIATE MECHANICAL HANDLING AIDS IN ACCORDANCE WITH HSE GUIDANCE

KEY CONTINUED

- EXCAVATE VERGE FOR PROPOSED BLOCKWORK FOOTWAY
80mm SILVER GREY STRETCHER BOND BLOCK PAVING
30mm GRANULAR BEDDING LAYER TO BS
150mm TYPE 1 SUB BASE
TERRAM 2000 OR SIMILAR APPROVED
- PROPOSED VERGE BENCHED INTO EXISTING EMBANKMENT REFER TO DETAIL ON DRAWING 3775-WSP-S278-XX-DR-CE-6001
- PLANE 20 FOR FOOTWAY RESURFACING
- PLANE 40. LAY 68+ PSV SURFACE COURSE
40mm HRA 35/14 SURF 40-60 WITH PSV 68+, AAV=10 TO BS 13107-4 WITH 14mm PRE-COATED CHIPPINGS
1-5mm TEXTURE DEPTH
CONTRACTOR TO PROVIDE SURFACE COURSE COURSE MATERIAL SAMPLES FOR OCC APPROVAL LAID AND COMPACTED IN ACCORDANCE WITH BS 594987 AND CL 943 SHW.

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CLIENT: **ATLAS HOTELS GROUP**

ARCHITECT: **NORR**

PROJECT: **HOLIDAY INN EXPRESS BICESTER GATEWAY**

TITLE: **EARTHWORKS, PAVING & DRAINAGE LAYOUT**

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