EXISTING BT CABLES SHOWN ON TOPO AND ——STATUTORY RECORDS. DEPTH OF CABLE SHOWN ON TOPO SURVEY INDICATES CABLES TO BE APPROXIMATELY 900mm BELOW EXISTING GROUND LEVEL AND ARE UNLIKELY TO BE AFFECTED BY THE WORKS. BT TO BE CONSULTED REGARDING DEVELOPMENT PROPOSALS TO CONFIRM REQUIREMENTS FOR ANY DIVERSIONARY / PROTECTION WORKS.

EXISTING WATER MAIN SHOWN ON TOPO IS TAKEN——FROM RECORDS. DEPTH IS UNKNOWN AND IS SHOWN INDICATIVELY ON THE SECTION. EXACT DEPTH OF WATER MAIN IS TO BE CONFIRMED AND REPORTED BACK TO THE ENGINEER PRIOR TO COMMENCEMENT OF SECTION 278 WORKS. CONTRACTOR TO ARRANGE FOR LOWERING/PROTECTION OF EXISTING WATER MAIN WITH THE RELEVANT WATER AUTHORITY FOLLOWING CONFIRMATION OF DEPTH AND LOCATION.

STAGGERED JOINT BETWEEN NEW AND EXISTING — REFER TO STAGGER JOINT DETAIL. EXISTING BITUMINOUS MATERIAL TO BE PLANED & CUT BACK TO A VERTICAL FACE AND PAINTED WITH HOT BITUMEN.

SCALE 1:25

SECTION

 \nearrow

 \triangleright

COMPRESSIBLE -MATERIAL.

GRANULAR — SURROUND.

<u>~</u>

970mm

944mm

√750mm

EXISTING ROAD CONSTRUCTION

REINFORCED PROTECTION

CONCRETE SLAB.

SITE BOUNDARY

BASE COURSE = 100mm THICK AC32 DENSE BASE COURSE WITH 40/60 PEN BINDER MIX TO BS EN 13108-1:2006.

SUB-BASE = 250mm THICK GRANULAR SUB-BASE MATERIAL TYPE 1 TO CLAUSE 803 TABLE 8/2 MCHW1 SERIES 800.

CAPPING LAYER = . TYPE 6F5 CAPPING

420mm THICK CERTIFIED NON FROST SUSCEPTIBLE LAYER TO CLAUSE 601 & TABLE 6F1.

POLYMER-MODIFIED BOND COAT BETWEEN LAYERS.

BINDER COURSE = 60mm THICK AC20 DENSE BINDER COURSE WITH 40/60 PEN BINDER MIX TO BS EN 13108-1:2006.

SURFACE COURSE = 40mm THICK AC10 CLOSE GRADED SURFACE COURSE WITH 40/60 PEN BINDER RECIPE MIX TO BS EN 13108-1:2006

RE-SURFACED CARRIAGEWAY FOR TIE-IN

EXISTING

SCALE 1:25

EXISTING

CARRIAGEWAY/FOOTWAY

CONSTRUCTION

AND

ROAD/FOOTWAY

STAGGERED

JOINT

BETWEEN

NEW

SUB GRADI

EXISTING BITUMINOUS — MATERIAL CUT BACK TO A VERTICAL FACE AND PAINTED WITH HOT BITUMEN.

EXISTING CARRIAGEWAY

SUB BASE

CAPPING LAYER

300mm WITHIN CARRIAGEWAY
150mm WITHIN FOOTWAY

BASE COURSE

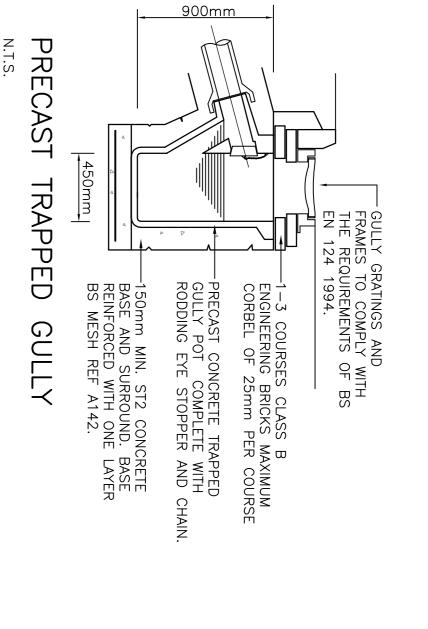
BINDER COURSE

SURFACE COURSE

300mm WITHIN CARRIAGEWAY 150mm WITHIN FOOTWAY

DO NOT SCALE

FINISHED ROAD LEVEL



CLASS S GRANULAR

TOPSOIL/FOOTWAY - CONSTRUCTION TO SPECIFIED DEPTH Y=0.25D OR 150 MIN. UNDER BARREL AND COLLAR SUITABLE SELECTED — EXCAVATED MATERIAL BACKFILL. ADOPTED AREAS
COVER EXCEEDS
900mm
1200mm
PRIVATE AREAS
COVER EXCEEDS
COVER EXCEEDS
600mm
900mm UNDER
VERGES/ CARRIAGEWAY
FOOTWAY CONSTRUCTION TRENCI CARRIAGEWAY CONSTRUCTION— WIDTH SURROUND TO
CLAUSE 503/3 OF
THE SPECIFICATION
FOR HIGHWAY WORKS TYPE 1 SUB-BASE MATERIAL BACKFILL TO ROAD FORMATION.

SURROUND PIPE BEDDING

N.T.S.

COVER UNDER
VERGES/ | CARRIAGEWAY
FOOTWAY | CONSTRUCTION FINISHED ROAD LEVELT

ADOPTED AREAS COVER LESS THAN 900mm THAN 1200mm PRIVATE AREAS COVER LESS THAN 600mm THAN 900mm THAN 900mm	TRENCH WIDTH	SUITABLE SELECTED———————————————————————————————————
$\frac{1}{2}$	GRAINTH FOR	CARRIAGEWAY CONSTRUCTION TYPE 1 SUB-BASE MATERIAL BACKFILL TO ROAD FORMATION

œ

Carriageway constructions is based on a CBR value of 4.0% in accordance with results found in Site Investigation BC195 RE001 by The Brownfield Consultancy, January 2021. CBR values to be confirmed by Contractor and adjusted in accordance with Table 1 found on the construction details drawing. Note minimum overall construction thickness of 450mm must be achieved.

6.

Bitumous material to be in accordance with BS EN 13108-1:2006.

If surface course is not constructed within 3 days of base course must be cleaned and tack coated prior to laying.

Unless noted otherwise, clauses refer to The Specification for highway Works: Volume 1 of the Manual of Contract Documents for Highway Works. All works are to be carried out to this specification.

Contractor to ensure Oxfordshire County Counci inspector attends site as and when required.

All works to be carried out in accordance with the requirements of Oxfordshire County Council and subject to approval.

5

DETAII

	COVER LESS	COVER LESS
		THAN 1200mm
	PRIVATE AREAS	I PRIVATE AREAS
		COVER LESS
	THAN 600mm	THAN 900mm
SS	Z CONC	SS Z CONCRETE SURROUND
S		

S	S	
	7	PRIVA COVEF THAN
	CONC	PRIVATE AREAS COVER LESS THAN 600mm
	CONCRETE SURROUND	I PRIVATE AREAS COVER LESS THAN 900mm

10.

All road markings shall be in reflectorised materials to BS 3262:CLASS A and to 1212.

All road markings shall be in accordance with the "Traffic Signs Manual" and Oxfordshire County Council standard details.

ASS		4	SOLLAR	
7	COVER LESS THAN 600mm	ADOPTED ARE COVER LESS THAN 900mm	' Y 15	0mm
CONC	PRIVATE AREAS TOOLER LESS THAN 600mm	ADOPTED AREAS COVER LESS THAN 900mm	TRENCH	
RETE	PRIVATE AREAS COVER LESS THAN 900mm	ADOPTED AREAS COVER LESS THAN 1200mm	TRENCH WIDTH	
ASS Z CONCRETE SURROUND	AREAS ESS Omm	AREAS ESS OOmm	-GRADE GEN 3 CONCRETE BED AND INTERRUPTED, OVER ITS FULL CROS AT EVERY PIPE JOINT WITH A 18TH FORMER OF COMPRESSIBLE MATER!	MATERIAL BACKFILL TO ROAD FORMATION.

	CONSTRUCTION
ABLE SELECTED —	
0mm	TYPE 1 SUB-BASE MATERIAL BACKFILL TO BOAD FORMATION
15	
5D OR	INTERRUPTED, OVER ITS FULL CROSS
ARREL TO THE TOTAL PROPERTY OF THE TOTAL PRO	TRENCH WIDTH FORMER OF COMPRESSIBLE MATERIAL.
ADOPTED AREAS COVER LESS	ADOPTED AREAS COVER LESS
PRIVATE AREAS	PRIVATE AREAS
COVER LESS	COVER LESS
THAN 600mm	THAN 900mm

STANDARD ST4- CONCRETE	m	
350mm 150mm	125mm KERB FACE	50mm 125 X 255 PRECAST CONCRETE KERB (TYPE HB2)

KERB DETAIL SPECIFICATION ASPHALT FOOT

FOOTPATH

FOR

NEW

SUB-GRADE = EXISTING ACCEPTABLE MATERIAL. ANY SOFT SPOTS OR WEAK SPOTS ARE TO BE EXCAVATED AND REPLACED WITH SUB-BASE (AS DEFINED ABOVE), FORMATION TO BE PREPARED IN ACCORDANCE WITH CLAUSE 616.

\$2.5 2.5 - 5.0 5.0 - 7.5 7.5 - 10.0 10.0 - 12.5 12.5 - 15.0 15.02 (figures:

Ground Stabilisation
420
265
240
220
210
200
3.20 of CD225).

Subbase Only (mm)

CBR (%)

SUB-BASE = MIN. 150mm THICK GRANULAR SUB-BASE MATERIAL TYPE 1 TO CLAUSE 803 TABLE 8/2 MCHW1 SERIES 800.

BASE COURSE = 150mm CEMENT BOUND BASE TO CBGM 3 TO SERIES 800. THE COMPRESSIVE STRENGTH SHALL BE C8/10.

SURFACE COURSE = 20mm THICK AC6 DENSE GRADED SURFACE COURSE WITH 100/150 PEN BINDER RECIPE MIX TO BS EN 13108-1:2006.

BINDER COURSE = 60mm THICK AC20 DENSE BINDER COURSE WITH 100/150 PEN BINDER MIX TO BS EN 13108—1:2006.

1:25

DEVELOPMENT ACCESS ROAD - REFER SECTION 38 DRAWINGS FOR DETAILS

TO

NEW

ACCESS

BELLMOUTH

P1 ISSUED FOR APPROVAL.
REVISION

LAND AT FEWCOTT ROAD, FRITWELL

1:10

SECTION 278 -CONSTRUCTION DETAILS

ЈЈН 07.09.21 ВҮ DATE

FOR APPROVAL

SW

simpson

8 Friday Street
Henley-On-Thames
Oxfordshire, RG9 1AH
T: 01491 576 221
mail@simpsoneng.com

NO 63)

PRELIMINARY

P18-654

204

Ψ³

NOTES

This drawing to be read in conjunction with all relevant Architects, Engineers and Subcontractors drawings and details.

Dimensions not to be scaled.