COPYRIGHT © THE CONTENTS OF THIS DRAWING MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF WARD COLE LTD.

SITE: LAND OFF BOSTON ROAD GOSBERTON
ROAD: A Construction thickness = 0.890 m Cway camber 1 in 40 FW camber 1in 30 Access camber 1 in 25
To be checked on site

chainage	cway width	lhs kerb height	rhs kerb height	formation level	lhs kerb level	lhs channel level	centre line level	rhs channel level	rhs kerb level	depth of CL above Ex GL	existing ground level	chainage	grade 1 in
	m	m	m	CL									
0	5.5	0.11	0.11	2.360	3.291	3.181	3.250	3.181	3.291	0.000	3.25	0	-140
10	5.5	0.11	0.11	2.288	3.219	3.109	3.178	3.109	3.219			10	^140 and TP1
12	5.5	0.11	0.11	2.276	3.207	3.097	3.166	3.097	3.207			12	k=14 sag
14	5.5	0.11	0.11	2.266	3.197	3.087	3.156	3.087	3.197			14	k=14 sag
16	5.5	0.11	0.11	2.259	3.190	3.080	3.149	3.080	3.190			16	k=14 sag
18	5.5	0.11	0.11	2.254	3.185	3.075	3.144	3.075	3.185			18	k=14 sag
20	5.5	0.11	0.11	2.253	3.184	3.074	3.143	3.074	3.184			20	k=14 sag
22	5.5	0.11	0.11	2.254	3.185	3.075	3.144	3.075	3.185			22	k=14 sag
24	5.5	0.11	0.11	2.259	3.190	3.080	3.149	3.080	3.190			24	k=14 sag
26	5.5	0.11	0.11	2.266	3.197	3.087	3.156	3.087	3.197			26	k=14 sag
28	5.5	0.11	0.11	2.276	3.207	3.097	3.166	3.097	3.207			28	k=14 sag
30	5.5	0.11	0.11	2.288	3.219	3.109	3.178	3.109	3.219			30	^140 and TP2
40	5.5	0.11	0.11	2.360	3.291	3.181	3.250	3.181	3.291			40	140
46.5	5.5	0.11	0.11	2.406	3.337	3.227	3.296	3.227	3.337			46.5	140

lhs fway width	rhs fway width	camber 1 in ? lhs	rhs rear of FW level	camber 1 in ? rhs	rhs rear of FW level
m	m				
2	2	30	3.358	30	3.358
2	2	30	3.286	30	3.286
2	2	30	3.274	30	3.274
2	2	30	3.264	30	3.264
2	2	30	3.257	30	3.257
2	2	30	3.252	30	3.252
2	2	30	3.251	30	3.251
2	2	30	3.252	30	3.252
2	2	30	3.257	30	3.257
2	2	30	3.264	30	3.264
2	2	30	3.274	30	3.274
2	2	30	3.286	30	3.286
2	2	30	3.358	30	3.358
2	2	30	3.404	30	3.404

lhs and rhs are as viewed up-chainage
positions of accesses must be checked on site
horizontal setting out to bebased on Architects approved drawings

SITE: LAND OFF BOSTON ROAD GOSBERTON
ROAD: B / C Construction thickness = 0.890 m Cway camber 1 in 40 FW camber 1in 30 Access camber 1 in 25
To be checked on site

chainage	cway width	lhs kerb height	rhs kerb height	formation level	lhs kerb level	lhs channel level	centre line level	rhs channel level	rhs kerb level	depth of CL above Ex GL	existing ground level	chainage	grade 1 in
	m	m	m	CL									
61.78	5.5	0.11	0.11	2.231	3.162	3.052	3.121	3.052	3.162	-0.129	3.25	61.78	-140
608	5.5	0.11	0.11	3.133	3.174	3.064	3.133	3.064	3.174			608	-140
508	5.5	0.11	0.11	2.314	3.245	3.135	3.204	3.135	3.245			508	-140
43.424	5.5	0.11	0.11	2.361	3.292	3.182	3.251	3.182	3.292			43.424	TP4B
408	5.5	0.11	0.11	2.378	3.309	3.199	3.268	3.199	3.309			408	k=8hog
31.996B	5.5	0.11	0.11	2.361	3.292	3.182	3.251	3.182	3.292			31.996B	TP3B
308	5.5	0.11	0.11	2.347	3.278	3.168	3.237	3.168	3.278			308	140
28.974B	5.5	0.11	0.11	2.340	3.271	3.161	3.230	3.161	3.271			28.974B	TP2B
208	5.5	0.11	0.11	2.326	3.257	3.147	3.216	3.147	3.257			208	k=8sag
17.566B	5.5	0.11	0.11	2.340	3.271	3.161	3.230	3.161	3.271			17.566B	TP1B
108	5.5	0.11	0.11	2.394	3.325	3.215	3.284	3.215	3.325			108	-140
0	5.5	0.11	0.11	2.465	3.396	3.286	3.355	3.286	3.396			0	
10C	5.5	0.11	0.11	2.536	3.467	3.357	3.426	3.357	3.467			10C	140
12.776C	5.5	0.11	0.11		3.476	3.377	3.446	3.377	3.487			12.776C	TP1C
20C	5.5	0.11	0.11	2.590	3.521	3.411	3.480	3.411	3.521			20C	k=15 hog
30C	5.5	0.11	0.11	2.580	3.511	3.401	3.470	3.401	3.511			30C	k=15 hog
34.204C	5.5	0.11	0.11		3.487	3.377	3.446	3.377	3.487			34.204C	TP2C
40C	5.5	0.11	0.11	2.515	3.446	3.336	3.405	3.336	3.446			40C	-140
50C	5.5	0.11	0.11	2.444	3.375	3.265	3.334	3.265	3.375			50C	-140
60C	5.5	0.11	0.11	2.372	3.303	3.193	3.262	3.193	3.303			60C	-140
70C	5.5	0.11	0.11	2.301	3.232	3.122	3.191	3.122	3.232			70C	-140
73.126	5.5	0.11	0.11		3.209	3.099	3.168	3.099	3.209			73.126	TP3C
80C	5.5	0.11	0.11	2.245	3.176	3.066	3.135	3.066	3.176			80C	k= 15 sag
90C	5.5	0.11	0.11	2.253	3.184	3.074	3.143	3.074	3.184			90C	k= 15 sag
94.554	5.5	0.11	0.11		3.209	3.099	3.168	3.099	3.209			94.554	TP4C
100C	5.5	0.11	0.11	2.317	3.248	3.138	3.207	3.138	3.248			100C	140
110C	5.5	0.11	0.11	2.388	3.319	3.209	3.278	3.209	3.319			110C	140
120C	5.5	0.11	0.11	2.460	3.391	3.281	3.350	3.281	3.391			120C	140
130C	5.5	0.11	0.11	2.531	3.462	3.352	3.421	3.352	3.462			130C	140
134.8C	5.5	0.11	0.11	3.450	3.491	3.381	3.450	3.381	3.491			134.8C	140

lhs fway width	rhs fway width	camber 1 in ?	lhs rear of FW level	camber 1 in ?	rhs rear of FW level
m	m	lhs		rhs	
2	2	30	3.229	30	3.229
2	2	30	3.241	30	3.241
2	2	30	3.312	30	3.312
2	2	30	3.359	30	3.359
2	2	30	3.376	30	3.376
2	2	30	3.359	30	3.359
2	2	30	3.345	30	3.345
2	2	30	3.338	30	3.338
2	2	30	3.324	30	3.324
2	2	30	3.338	30	3.338
2	2	30	3.391	30	3.391
2	2	30	3.463	30	3.463
2	2	30	3.534	30	3.534
2	2	30	3.554	30	3.554
2	2	30	3.588	30	3.588
2	2	30	3.578	30	3.578
2	2	30	3.554	30	3.554
2	2	30	3.513	30	3.513
2	2	30	3.441	30	3.441
2	2	30	3.370	30	3.370
2	2	30	3.299	30	3.299
2	2	30	3.276	30	3.276
2	2	30	3.243	30	3.243
2	2	30	3.251	30	3.251
2	2	30	3.276	30	3.276
2	2	30	3.315	30	3.315
2	2	30	3.386	30	3.386
2	2	30	3.458	30	3.458
2	2	30	3.529	30	3.529
2	2	30	3.558	31	3.556

lhs and rhs are as viewed up-chainage
positions of accesses must be checked on site
horizontal setting out to bebased on Architects approved drawings

rev.	date	Description	Drawn	Chk.
B	17.12.21	Architects background updated	MPS	PS
A	08.07.21	Architects background updated - Issued for Planning RM	MPS	PS
	06.07.21	First Issue - Preliminary Issue for Approval	MPS	PS

CARRIAGEWAY CONSTRUCTION TYPES:

(A) S38 ADOPTABLE ROAD

40mm OF 10mm SIZE DENSE 70/100 OR 100/150 SURFACE COURSE (AC 10 DENSE SURF) TO CLAUSE 9.3 COMPACTED TO A VOID CONTENT WITHIN THE RANGE2%-10%. ON 130mm OF 20mm SIZE DENSE, 40/60 BINDER COURSE (AC 20 DENSE BIN REC) TO CLAUSE 9.1 COMPACTED TO A VOID CONTENT WITHIN THE RANGE 2%-8%. TO BE LAID IN TWO LAYERS ON 300mm TYPE 1 SUB-BASE ON 150mm 6/P1 CAPPING LAYER ALL IN ACCORDANCE WITH CURRENT EDITION OF LCC's DEVELOPMENT ROAD SPECIFICATION

(THIS IS BASED ON A CBR BELOW 1.5%. THIS MAY BE REDUCED IF CBRS ARE PROVEN TO BE GREATER IN ACCORDANCE WITH CONSTRUCTION CHART 3, LCC's DEVELOPMENT ROAD SPECIFICATION – See drawing 10-5549-???)

(B) S38 ADOPTABLE FOOTWAYS / PATHS

25mm OF 6mm SIZE DENSE 70/100 OR 100/150 SURFACE COURSE (AC 6 DENSE SURF) TO CLAUSE 9.4 COMPACTED TO A VOID CONTENT WITHIN THE RANGE2%-10% ON 100mm OF 20mm SIZE DENSE, 70/100 OR 100/150 BINDER COURSE (AC 20 DENSE BIN REC) TO CLAUSE 9.1 COMPACTED TO A VOID CONTENT WITHIN THE RANGE 2%-10% ON 300mm OF TYPE 1 SUB-BASE TO CLAUSE 1.2

THE SURFACE COURSE MUST BE BONDED TO THE BINDERCOURSE.

(C) S38 ADOPTABLE VEHICULAR ACCESS

25mm OF 6mm SIZE DENSE 70/100 OR 100/150 SURFACE COURSE (AC 6 DENSE SURF) TO CLAUSE 9.4 COMPACTED TO A VOID CONTENT WITHIN THE RANGE2%-10% ON 150mm OF 20mm SIZE DENSE, 70/100 OR 100/150 BINDER COURSE (AC 20 DENSE BIN REC) TO CLAUSE 9.1 COMPACTED TO A VOID CONTENT WITHIN THE RANGE 2%-10% ON 300mm OF TYPE 1 SUB-BASE TO CLAUSE 1.2

THE SURFACE COURSE MUST BE BONDED TO THE BINDERCOURSE.

(D) S38 OVER-RUN AREA

150 X 125mm BULLNOSE KERBING LAID TO FORM 1m DEEP RECTANGLE WITH 1m GAP BETWEEN EDGE AND KERB, INFILLED WITH 100*100*100mm CROPPED CONSERVATION SETTS—BONDED LAYOUT, 20mmHS MORTAR BED AND HS BOND PRIMER, 8-12mm MORTAR JOINT WIDTH—HIGH STRENGTH (MINIMUM 60 Nm FLOWED GROUT) DARK GREY GROUT TO CONTRAST COLOUR OF SETTS ON 150mm CONCRETE (S74). SETTS TO BE LAID FLUSH TO B/N KERB. SINGLE COURSE STRETCHER BOND TO INSIDE EDGE.

WARD COLE
consulting engineers
■ LINCOLN □ LONDON □ NOTTINGHAM
Fosse House
Roman Wharf
Lincoln
LN1 1SR
tel 01522 513032 fax 01522 513559
e-mail structures@wardcole.co.uk

client: Woodgate Developments Ltd

project: Residential Development
Land off Boston Road & High St
Gosberton, Lincs.

drawing title: Section 38 Agreement Works
Construction Layout

scale:	status:
1:250@A0	APPROVAL

job number:	drawing number:	revision:
10-5549	301	B