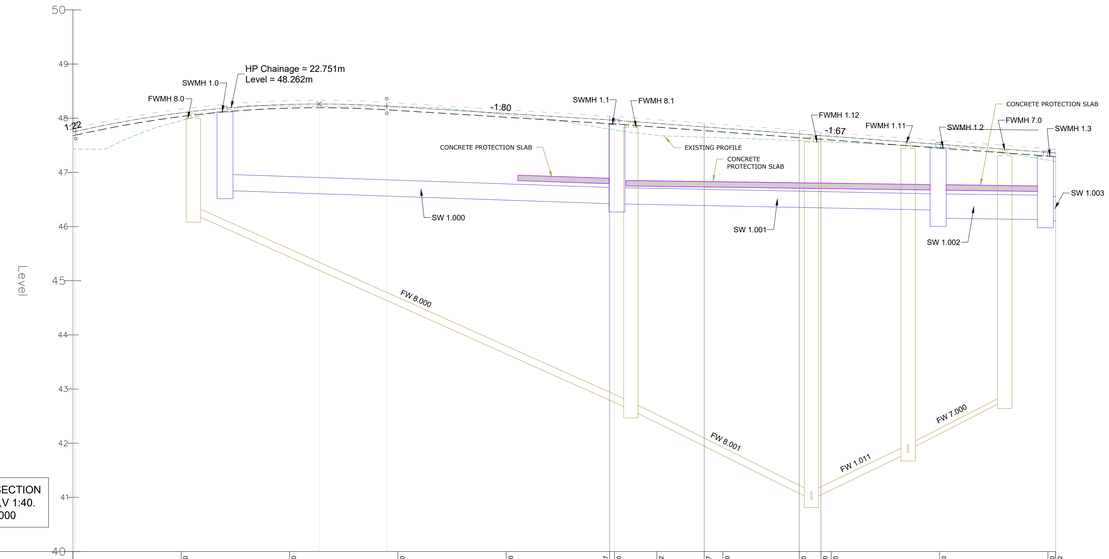


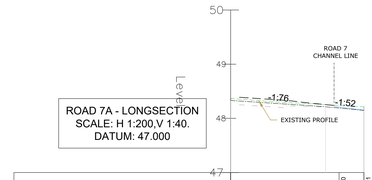
ROAD 6 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 43.000

CHAINAGE	00	09.750	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	90.566	92.566	100.000	110.000	120.000	121.696	123.696	127.461	130.000	135.738	140.000	143.984	150.000	160.000	170.000	180.000	183.272
EXISTING LEVELS	47.100	47.039	47.039	46.983	46.966	46.955	46.953	47.031	47.041	47.074	46.974	46.953	46.976	47.000	47.037	46.972	47.013	47.024	47.029	46.921	47.010	47.019	47.031	47.031	47.199	47.374	47.516	47.599	48.634	49.325
CENTRELINE LEVELS	47.787	47.609	47.759	47.818	47.730	47.800	47.924	48.042	48.068	48.016	47.891	47.864	47.774	47.664	47.648	47.713	47.724	47.830	47.879	47.910	47.919	47.866	47.816	47.741	47.572	47.547	47.516	47.491	47.501	47.442
LEFT CHANNEL LEVELS	47.787	47.546	47.665	47.749	47.661	47.731	47.850	47.974	47.999	47.947	47.828	47.821	47.711	47.601	47.585	47.651	47.661	47.768	47.817	47.848	47.850	47.797	47.747	47.672	47.547	47.422	47.432			
RIGHT CHANNEL LEVELS	47.787	47.546	47.665	47.749	47.661	47.731	47.850	47.974	47.999	47.947	47.828	47.821	47.711	47.601	47.585	47.651	47.661	47.768	47.815	47.841	47.850	47.797	47.747	47.672	47.547	47.422	47.432			
HORIZONTAL GEOMETRY	L=8.75m	L=1.20m	L=81.42m								L=1.20m	L=29.59m					L=1.20m	L=4.14m			R=10.50m L=16.49m		L=39.29m							
VERTICAL GEOMETRY	G=-1.40 L=7.00m	G=-1.65 L=6.26m	G=1:12 L=1.20m				R =1454.270 K =14.843 L =19.334m			G=-1.80 L=13.14m	G=1:12 L=1.20m	G=-1.68 L=11.25m		G=1:152 L=18.34m		G=1:12 L=1.20m	G=1:80 L=7.36m		R =200.000 K =2.000 L =5.000m								G=-1.40 L=2.75m	
SW COVER AND INVERT	CL47.787 IL45.771				CL47.807 IL46.425			CL48.028 IL46.918			CL47.865 IL46.308			CL47.665 IL46.155					CL47.911 IL46.000		CL47.844 IL45.966								
SW GRADIENT AND LENGTH	1:200 40.865m							1:146 30.626m			1:198 24.329m			1:200 20.543m					1:300 6.416m		1:57 43.757m							
SW PIPE DETAILS	SW 5.000 Generic Pipe St							SW 8.000 Generic Pipe St			SW 8.001 Generic Pipe St			SW 8.002 Generic Pipe St					SW 8.003 Generic Pipe St		SW 8.004 Generic Pipe St							
FW COVER AND INVERT					CL47.709 IL44.614						CL48.044 IL44.667			CL47.539 IL45.082					CL47.835 IL45.620										
FW GRADIENT AND LENGTH	1:45 30.620m							1:150 37.915m			1:150 32.164m			1:71 33.257m														
FW PIPE DETAILS	FW 6.004 PVC Pipe St							FW 6.003 PVC Pipe St			FW 6.002 PVC Pipe St			FW 6.001 PVC Pipe St														



ROAD 7 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 40.000

CHAINAGE	00	10.000	20.000	30.000	40.000	49.537	50.000	53.902	58.267	60.000	67.050	69.050	70.000	80.000	90.000	97.226	99.372
EXISTING LEVELS	47.433	47.955	48.224	48.209	48.064	47.968	47.784	47.962	47.904	47.839	47.709	47.680	47.561	47.488	47.517	47.569	47.200
CENTRELINE LEVELS	47.745	48.100	48.255	48.211	48.087	47.968	47.962	47.904	47.839	47.814	47.709	47.680	47.566	47.517	47.486	47.438	47.356
LEFT CHANNEL LEVELS	47.614	48.169	48.324	48.280	48.155	48.037	48.030	47.973	47.868	47.883	47.778	47.748	47.734	47.586	47.449	47.300	47.238
RIGHT CHANNEL LEVELS	47.676	48.031	48.186	48.142	48.018	47.899	47.893	47.835	47.771	47.745	47.641	47.611	47.597	47.449	47.449		
HORIZONTAL GEOMETRY	L=49.54m						R=30.00m L=8.73m		L=8.78m	L=2.00m		L=21.66m					
VERTICAL GEOMETRY	G=1:22 L=0.26m	R =500.000 K =5.000 L =28.712m		G=-1:80 L=21.00m			G=-1:67 L=40.74m										
SW COVER AND INVERT	CL48.076 IL46.664					CL47.964 IL46.418						CL47.552 IL46.153		CL47.396 IL46.126			
SW GRADIENT AND LENGTH	1:147 36.151m					1:255 29.300m						1:396 9.903m		1:38 33.316m			
SW PIPE DETAILS	SW 1.000 Generic Pipe St					SW 1.001 Generic Pipe St						SW 1.002 Generic Pipe St		SW 1.003 Generic Pipe St			
FW COVER AND INVERT	CL48.094 IL46.231					CL47.957 IL46.611				CL47.857 IL46.961	CL47.541 IL41.922		CL47.406 IL42.788				
FW GRADIENT AND LENGTH	1:11 40.420m					1:10 16.794m				1:10 8.944m	1:10 8.919m						
FW PIPE DETAILS	FW 8.000 PVC Pipe St					FW 8.001 PVC Pipe St				FW 1.011 PVC Pipe St	FW 7.000 PVC Pipe St						



ROAD 7A - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 47.000

CHAINAGE	00	10.000	12.301
EXISTING LEVELS	48.386	48.299	48.213
CENTRELINE LEVELS	48.320	48.191	48.146
LEFT CHANNEL LEVELS			
RIGHT CHANNEL LEVELS			
HORIZONTAL GEOMETRY	L=12.30m		
VERTICAL GEOMETRY	G=-1.76 L=8.75m	G=-1.52 L=3.55m	

NOTES

1. DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT INFORMATION.
3. ALL DATUM LEVELS ARE IN METRES AND DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015
DESIGNERS HAZARD INFORMATION

- IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.
- SERVICES TO BE LOCATED
- MANUAL LIFTING/ HANDLING
- HOT MATERIAL WORKING
- CUTTING/ DUST
- LIVE SEWER FLOWS/ LEPTOSPIROSIS
- DEEP EXCAVATIONS, COLLAPSE/ FALLING

ALL WORKS TO BE CARRIED OUT BY SUITABLY TRAINED OPERATIVES PROVIDED WITH CORRECT PPE.

THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.
REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

SETTING OUT NOTE:
THE DRAWING HAS BEEN REPOSITIONED FROM A LOCAL GRID TO ORDNANCE SURVEY COORDINATES USING SETTING OUT DATA PROVIDED BY OTHERS (ASC.22.787A - PARCEL 13. BY URBAN & CIVIC)

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ALL WORKS TO PUBLIC SEWERS TO BE TO THE REQUIREMENTS, SATISFACTION AND APPROVAL OF IWNL

SURFACE WATER OUTFALLS & WATERCOURSE WORKS SUBJECT TO LLFA APPROVAL

ALL HIGHWAYS WORKS TO BE TO THE REQUIREMENTS, SATISFACTION AND APPROVAL OF CAMBRIDGESHIRE COUNTY COUNCIL HIGHWAYS

CONTRACTOR TO LOCATE AND INCORPORATE POSITION OF UTILITIES INTO WORKS PLAN AND RAMS AND CARRY OUT THE NECESSARY LIAISON WITH ASSET OWNERS BEFORE COMMENCING WORKS

PRIVATE CONNECTIONS TO THE ADOPTABLE SEWERS ARE TO BE MINIMUM 100mm DIA. AND LAID SOFFIT TO SOFFIT

NO PLANTING WITHIN 3m OF ANY ADOPTABLE SEWER. ANY PLANTING BETWEEN 3m-6m TO HAVE ROOT PROTECTION TO IWNL REQUIREMENTS / APPROVAL

Rev	Date	Amendment Details	Dr'n	Chk'	App'
P05	13.10.2026	RAMP LENGTH AMENDED	DM	DM	JB
P04	07.10.2026	UPDATED TO SUIT HIGHWAY COMMENTS	DM	DM	JB
P03	24.09.2026	SLAB PROTECTION SHOWN FOR CLARITY	DM	DM	JB
P02	30.06.2026	UPDATED TO SUIT LATEST SITE LAYOUT RECEIVED ON 19.06.2026.	DM	DM	JB
P01	15.05.2026	FIRST ISSUE	DM	DM	JB

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South Kiln
44 Felaw Street
Ipswich
IP2 8SJ
Tel: +44 (0)1473 231 100
Web: www.sweco.co.uk

SWECO

Client

DENBURY HOMES

Project Title

ALCONBURY WEALD
PARCEL 13

Drawing Title

HIGHWAY
LONGITUDINAL SECTIONS
SHEET 4

Purpose Of Issue

PRELIMINARY

Status	Status Description
S0	INITIAL STATUS OR WIP

Drawn	Designed	Checked	Approved
DM	DM	JB	JB

Sheet Size	Scale	Sweco Ref	Revision
A0	AS SHOWN	65218147	P05

Drawing Number

ALC-SWE-XX-XX-D-C-00338

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